

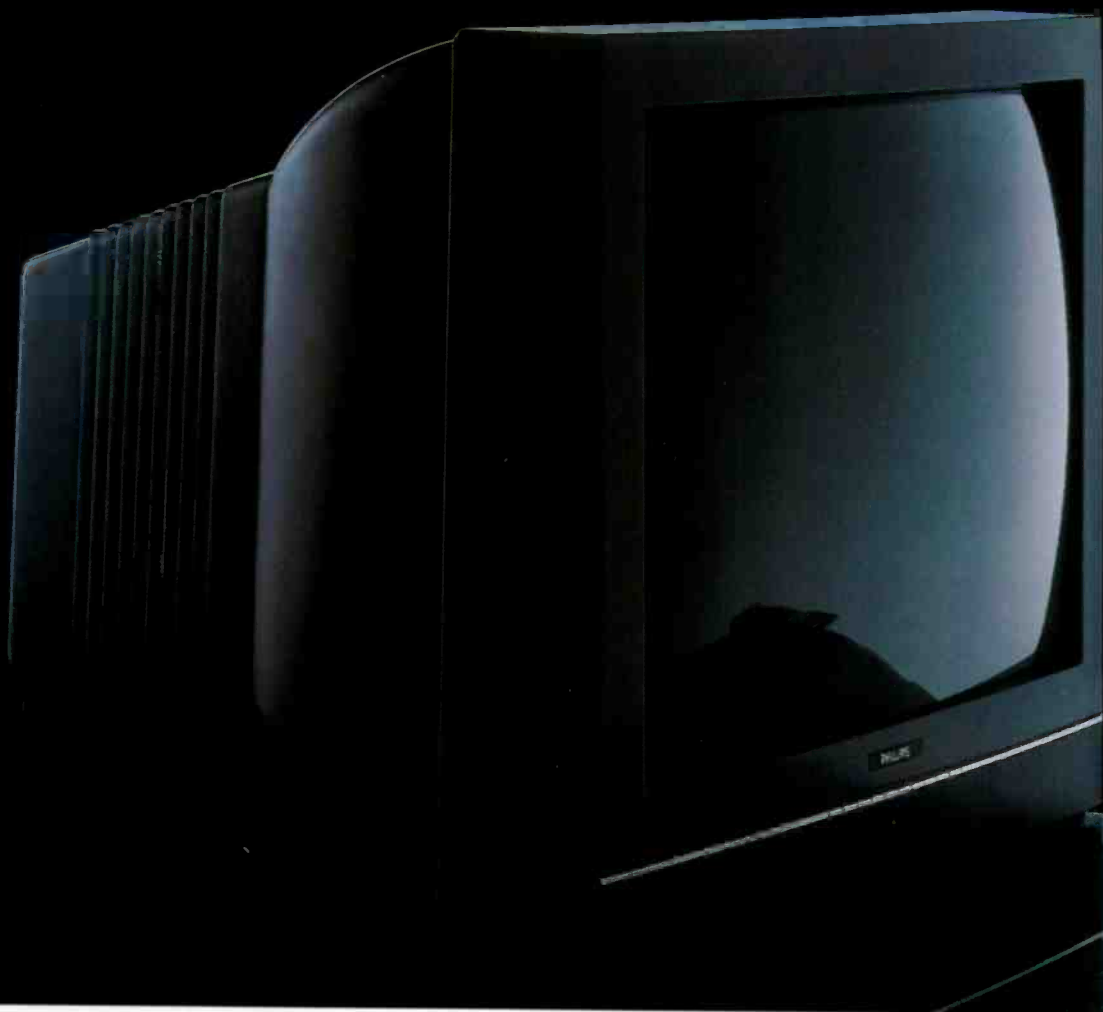
VIDEO

BUYERS' GUIDE 1989

HOW TO BUY A VCR
CHOOSING A CAMCORDER

*Specs, Features, and
Prices of VCR's, Camcorders,
Stereo & Projection TV's,
Videodisc Players,
Combi-Players, and More*





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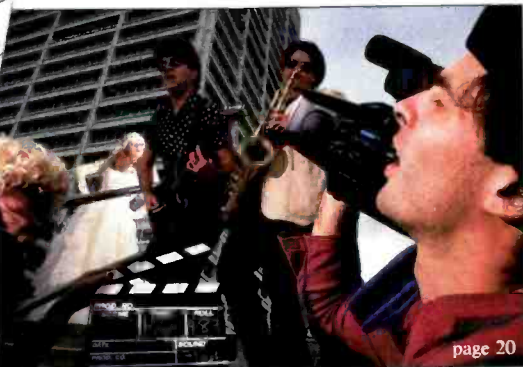
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 (listing on page 60);
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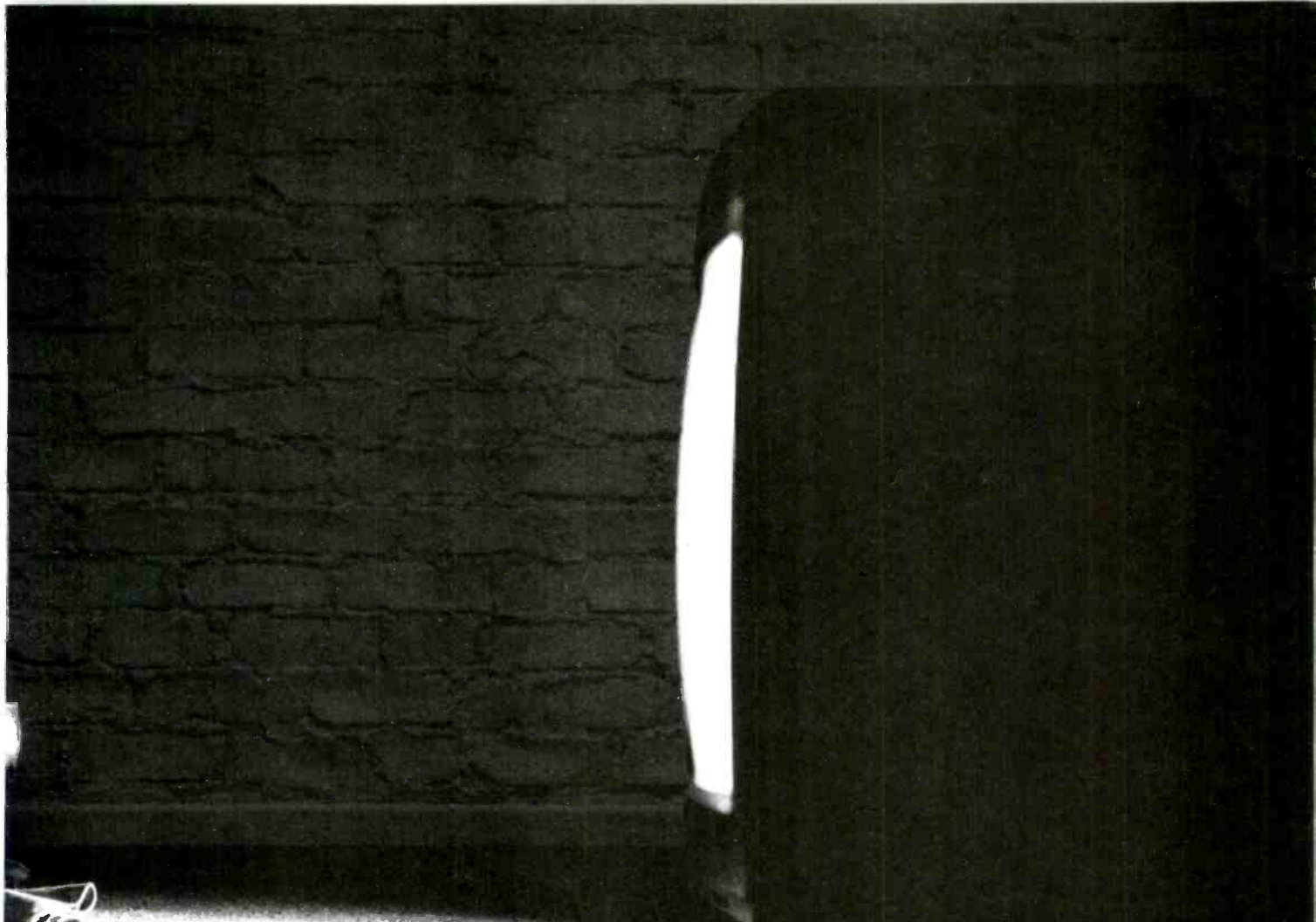


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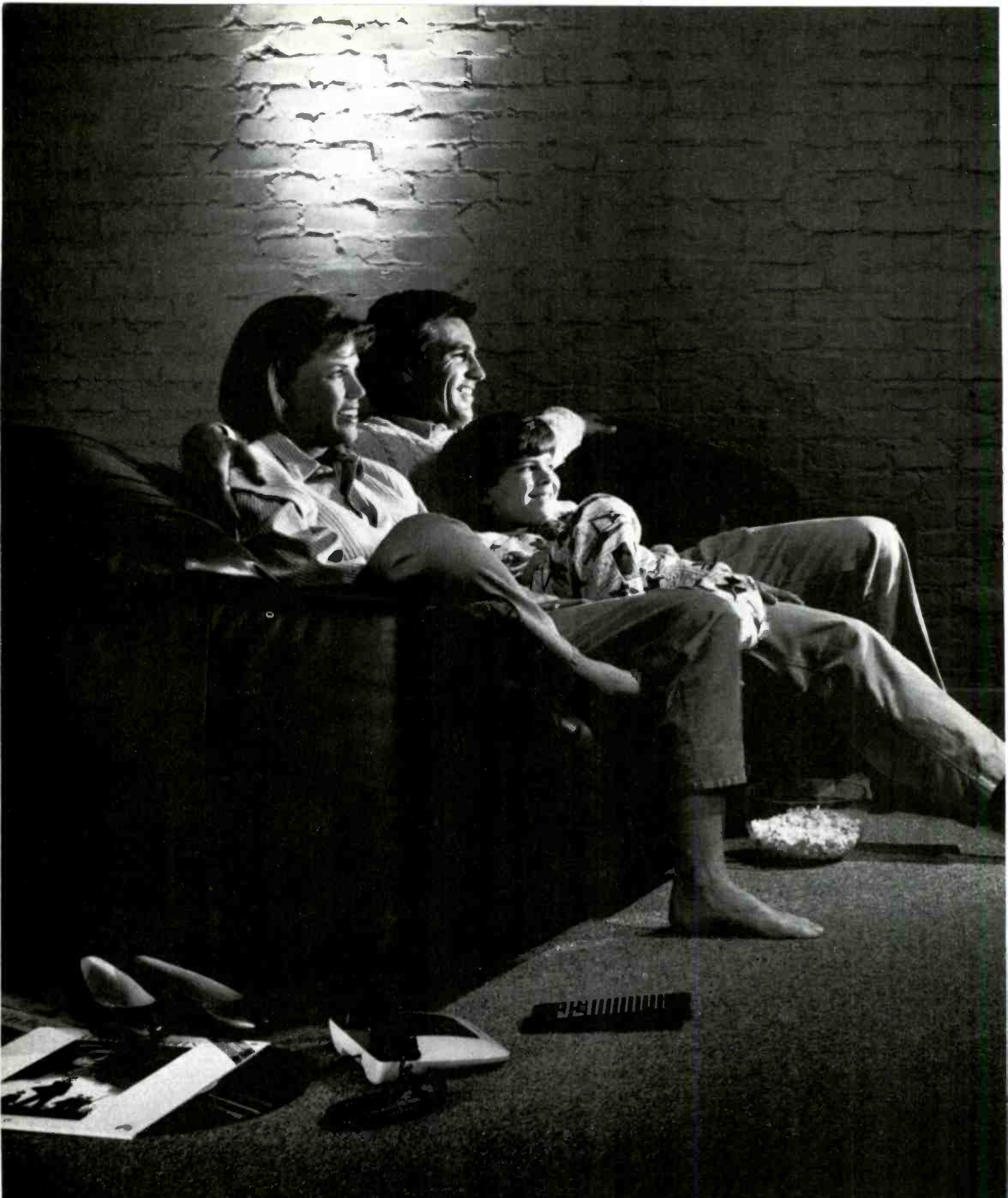
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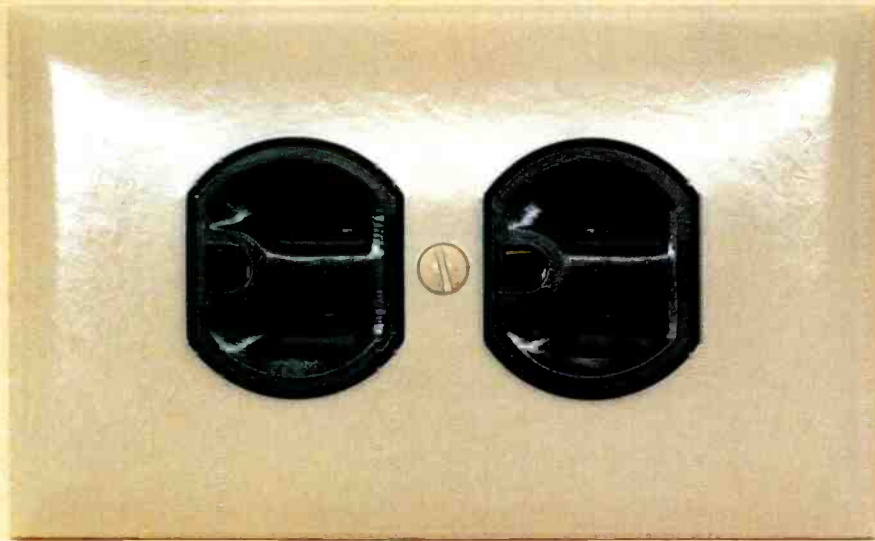
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HOW TO BUY A VCR

BY RICHARD JACCOMA

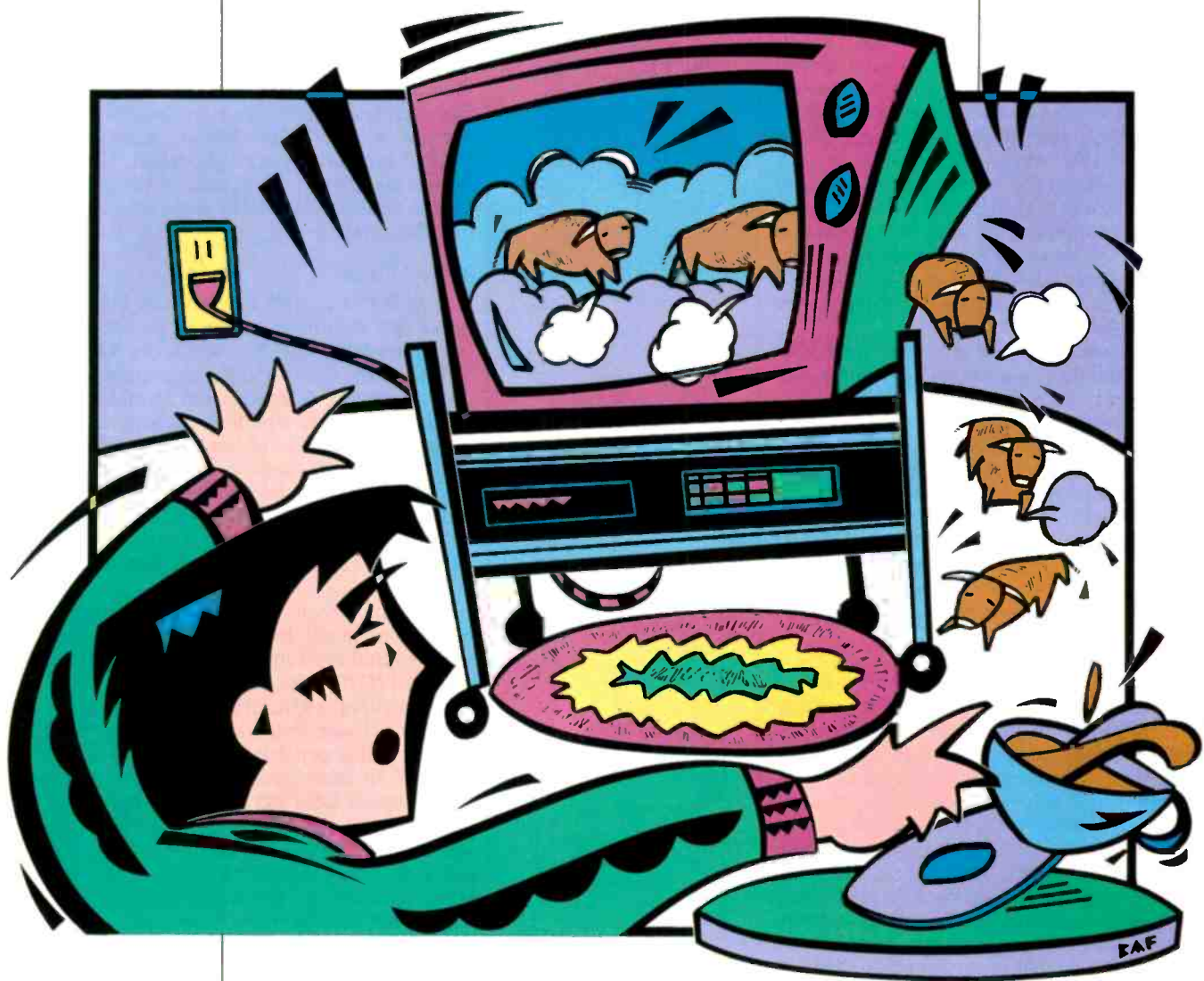


ILLUSTRATION BY BARBARA FRIEDMAN

HOOSING a VCR is like horse trading. A horse can set you back a hundred dollars or a million dollars, depending on whether it has been bred to feed the dog or win the Derby. While the cost spread is not as dramatic with VCR's, the price ultimately depends on what you want the deck to do.

If you're looking for a means of taping the afternoon soaps for evening screening—or *Late Night with David Letterman* for enjoyment over morning coffee—then a no-frills \$300 model may be all you need. But if you're seeking a centerpiece for your home media room with sound quality approaching that of a CD player, a superb picture, and special effects, then be prepared to spend considerably more. Before we take you down the laundry list—and up the price scale—of features, a word or two about VCR use.

Home video is a curious phenomenon. Surveys show that people set out to buy a VCR mainly for “time shifting”—that is, taping programs for later viewing. Those same surveys also indicate that, despite original buying intentions, people wind up using their VCR's most frequently to watch rented movies. This isn't terribly surprising when one considers that today virtually all of Hollywood's films eventually find their way onto videocassette, and that video rental stores have become more numerous—and convenient—than movie theaters. That's not to say that VCR owners don't tape programs. They just tend to find themselves taping much more than they ever have time to watch.

It's important to evaluate the way you plan to use a VCR as realistically as possible before you begin shopping for one. This is the first step toward choosing a machine that's right for you—one with features that you'll use and enjoy. There's no need to spend money on features you'll never use.

If you plan to do a lot of time shifting, look for a model that's easy to program (programming some VCR's can be a very tedious process). If your main interest is watching movies, a deck with hi-fi sound will bring you a step closer to a theater-like audio experience. If you plan on taping from videodiscs or other high-quality video sources, a Super VHS machine may be the best choice. A Super VHS VCR is also a worthwhile consideration if you think you might be interested in making high-quality home videos at some point.

Which Format?

Home VCR's are available in three different and mechanically incompatible tape formats. Beta and VHS are the veterans. Both use half-inch tape, have been around for over a decade, and are responsible for the mass acceptance of home video. In the early Eighties, the two formats were rivals, but Beta's popularity has since waned in the U.S. In the early days of home video, JVC—inventor of the VHS format—aggressively licensed its technology to many manufacturers, while Sony—inventor of Beta—had only a few licensees. Eventually, the marketing momentum of VHS left Beta in the dust. VHS decks now account for nearly the entire market, even though Beta is in many ways technically superior.

While most movie companies are still releasing most (*not* all) of their films and other



STEP 1: CAREFULLY EVALUATE YOUR NEEDS BEFORE YOU BEGIN VCR SHOPPING.

programs in both formats, the trend is a rapid decrease in the number of titles released on Beta. And regardless of availability, many video stores have simply stopped carrying Beta tapes. So, if you are interested in watching prerecorded tapes, a VHS-format deck is your safest choice.

There is another side to the tape-rental issue, though. If your local video store is one of those that still stocks Beta tapes, the format's unpopularity could actually be a plus. If you're trying to rent a particularly hot film, you may find that while the VHS version is unavailable, the lonely Beta version gathers dust on the shelf. In this case, a Beta machine might make a good *second* VCR.

The newest video format on the block is 8mm, which derives its name from the 8-millimeter width of the tape it uses. Few, if any, prerecorded 8mm tapes are readily available, making 8mm an unwise choice for those who want to sample the vast library of prerecorded movies. But because both the tape and hardware are so compact, 8mm is finding a niche as a camcorder format for home videos. But even here, 8mm has a rival—a compact version of VHS called VHS-C. Like 8mm, VHS-C camcorders are lightweight, but the format also enjoys the benefit of being compatible with standard VHS decks through the use of an adaptor.

Super Video

Both Beta and VHS formats offer high-end decks that feature an enhanced picture—ED (extended definition) Beta and Super VHS (S-VHS). Both systems offer semicompatible improvements on the original format, using special high-grade tape formulations to produce clearer and sharper images. In terms of horizontal resolution—a rating of picture clarity and detail—Super VHS is capable of producing about 430 lines, ED Beta about 500 lines. This compares to a high of about 240 lines for standard VHS and Beta (as well as 8mm).

Since the present FCC broadcast standard restricts cable and broadcast TV to 330 lines of horizontal resolution, recordings made on standard VHS, Beta, and 8mm VCR's are of lower quality than the original. But off-the-air recordings made by S-VHS or ED Beta VCR's can be indistinguishable from the original, with 100 or more lines of horizontal resolution to spare. Both ED Beta and Super VHS machines are “upwardly compatible” with standard Beta and VHS decks, meaning they can play either regular or Super tapes. But tapes recorded in the S-VHS or ED Beta modes can only be played back on a Super machine.

Super VHS may be an excellent choice for at least two reasons: First, the deck will record on and play standard VHS tapes, which is important if you want to swap tapes with friends and rent movies. Second, any taping you do in the S-VHS mode will be as good as



the broadcast signal, and if you play tapes recorded by an S-VHS camcorder, the quality will be better than that. One drawback is the lack of Super VHS prerecorded software. (But remember, you can still play regular VHS tapes.) Only one major Super VHS title—*On Golden Pond*—has been announced as of this writing. Another VHS enhancement, called HQ (High Quality), is available in half- and full-strength versions; as its benefits are subtle, you should check this feature out for yourself.

Audio Advances

Ironically, one of the most profound advances in home video has occurred not in the picture but in the sound. Although sophisticated VCR's are able to enhance, digitize, and otherwise manipulate the images they produce, that picture is still inherently limited—at least when it comes to recording broadcast or cable signals, as discussed earlier. The audio side of video, however, is quite a different story. While your basic no-frills VCR plays back audio in mono, VCR's carrying the VHS

*S*anyo's VHR-9100 VHS VCR (above) features a compact chassis and a loading mechanism that reduces the lag time between function modes such as play and rewind. Price: \$350.

The drawing card of Akai's VS-A77U-B VHS VCR is sound quality: The hi-fi deck has a Dolby Surround Sound decoder and 10-watt-per-channel amp. Price: \$779.

Hi-Fi or Beta Hi-Fi logo can add a whole new dimension to your viewing experience by providing sound of near-CD quality.

Typical hi-fi VCR audio specs give frequency response as 20 to 20,000 Hz \pm 1 dB and a dynamic range of 80 dB or greater. Of course, to enjoy improved sonics, the VCR must be connected to a decent audio system and you must play videocassettes with hi-fi soundtracks. Fortunately, the sound quality of many Hollywood films is very good, so soundtracks are routinely transferred to videotape in both hi-fi and linear stereo. Linear stereo, you ask? An improved audio system introduced in VCR's in the early Eighties, linear stereo (also referred to as Dolby stereo) is a recording process that places a two-channel audio signal on a track at the edge of the videotape. The system was quickly upgraded with the much more sophisticated—and better-sounding—hi-fi recording/playback process. While still available, linear-stereo VCR's are the exception rather than the rule today.

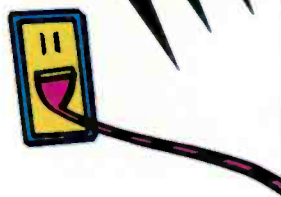
In addition to transferring hi-fi audio tracks to videotape, many Hollywood studios



provide another bonus by also passing along Dolby Surround information, which is encoded on the original movie soundtrack and creates the wraparound effect that makes you jump out of your seat in the movie theater when an alien spaceship zooms by. A number of VCR's have built-in surround-sound decoders. (Alternatively, you can use a component surround-sound decoder or one built into an audio receiver.) To enjoy startling, theater-like sonics at home, your sound system must have an additional set of rear speakers.

Experiencing video hi-fi for the first time in the privacy of your home can be amazing. Even audiophiles who are used to superbly realistic-sounding music may be startled by the sound of cattle stampeding across their living room.

Broadcast and cable TV stations also are playing a role in improving the sound of video. A growing number of programs are now broadcast with stereo or—as the trade likes to call it—MTS (multichannel television sound). While MTS doesn't have specs as impressive as those for VHS Hi-Fi, it does provide separate left and right channels, as well as a third "SAP" (separate audio program) channel. The SAP channel could be used to broadcast the soundtrack in another language, for example (although not much of that is being done yet).



The SLV-70HF (\$1,100), one of Sony's first VHS-format VCR's, has hi-fi/MTS sound and advanced editing features. Toshiba adds a Super VHS picture to the hi-fi/MTS audio package in its SV-950 (\$1,500); programming is done with a light pen and on-screen display.



A VCR with MTS circuitry may be a sensible alternative, especially if your TV is not equipped to receive broadcasts in stereo. In that case, you can bypass your TV's tuner and use the VCR's MTS tuner. Once again, the benefits of stereo TV sound will be apparent only when your VCR is connected to a good-quality audio system. Stereo TV is offered along with hi-fi as part of the audio package in many higher-priced VCR's.

Programming

Programming a VCR—telling it what to record and when—is easy once you learn the specific steps required by a given deck. But VCR's are fairly complex machines, so you must read the instruction manual carefully. Some VCR's have an on-screen programming feature, which simplifies the programming process. Such machines display graphic "prompts" on the TV screen that take you through the programming procedure step by step. Some manufacturers have attempted to simplify the process further with VCR's that can be programmed by using a light pen or bar-code scanner, like the ones used in many supermarkets. You pass the light pen over a sheet with a series of bar codes, each representing a different time/day configuration. Some VCR's even offer a built-in owner's manual: An on-screen menu allows you to select the functions you want to learn about or to engage a self-demonstration mode. The latest twist in VCR programming comes in a Panasonic deck that can be plugged into a telephone line so you can program your deck from any pushbutton phone.

If you expect to do a lot of off-air taping, make sure you pay careful attention to the capacity of a VCR's timer. This is usually expressed in terms of the number of events (programs) and days. An eight-event/twenty-one-day timer, for example, allows the VCR to record up to eight different programs over a three-week period.

Of course, recording time is limited by the videotape's length and the recording speed you choose. Many VCR's offer three recording speeds: SP (standard play), LP (long play), and EP (extended play) or SLP (superlong play). EP or SLP will give you six hours of record time if you're using a T-120 videocassette—but not without noticeable degradation in picture quality, which typically decreases at the slower speeds. For the best possible quality, you must use the SP mode, which allows two hours of record time with one T-120 cassette; LP offers four hours of record time.

These days a VCR that is not equipped with a wireless remote is a rare bird. The question to ask is, what does it do? With some VCR's, it's actually easier to operate the recorder using the remote because few controls are readily accessible on the deck itself. A remote control also provides another way to instantly upgrade a non-remote TV set: You can bypass the TV's tuner and switch channels with the VCR's remote.

Special Effects

Two heads are indeed better than one in a VCR—in fact, they're crucial to the machine's operation. All basic VCR's have two recording/playback heads. But once you get beyond the basics, you'll find decks with four heads or more. The additional heads are used for hi-fi sound and to produce better special effects

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VCR LANDSCAPE

For some real-life examples, here's a glimpse of a few of the many VCR's you may come across:

Akai VS-S77U-B (\$780)

This standard VHS deck has a super audio package: Dolby Surround circuitry, a built-in 10-watt-per-channel amp that can be used to power front or rear speakers, VHS Hi-Fi sound, and MTS. It also has Quickstart, an extremely useful feature that keeps the tape loaded in the play mode during all operations (fast forward, reverse, etc.), which greatly reduces the waiting time between modes.

Hitachi VT-3050 (\$430)

This mid-price VHS model belongs to a series that offers the ultimate in on-screen programming: sixteen "pages" of instructional text that can be displayed on your TV to walk you through the art of VCR command. HQ (High Quality) picture-enhancement circuitry and MTS are also included.

JVC HR-S8000U (\$1,600)

JVC developed Super VHS, and this, its flagship S-VHS deck, is predictably state-of-the-art. VASS (VHS address search system) multiscreen indexing lets you create a "table of contents" at the beginning of a tape, then automatically go to any preset spot on it. The deck has a flying-erase head, VHS Hi-Fi, and MTS. It uses digital circuitry to improve picture quality and for special effects like freeze-frame, PIP, video art, and strobe. Most of the digital effects work with broadcast TV as well as with tape. It has double on-screen programming—both from your TV or from a tiny LCD screen on the remote control.

Mitsubishi HS-U80 (\$1,700)

This Super VHS model has VHS Hi-Fi, MTS, on-screen programming, and a wide range of special effects: PIP, freeze-frame, variable-speed strobe, and more. You can index various points on the tape and, as with the JVC model, create a table of contents of up to 100 frames at the beginning and automatically send the VCR spinning off to any preset point. The HS-U80 also has a jog shuttle and a flying-erase head. Mitsubishi calls this its "Super Editing VCR"—and it is just that.

Panasonic PV-4826 (\$550)

This standard VHS deck has one feature that makes it stand out among the crowd—it plugs into your telephone line like an answering machine and (assuming you've remembered to load a tape into the VCR) can be programmed for recording from any touch-tone phone.

Sony EDV-9500 (\$3,300)

This one's a bit pricey as far as VCR's go, but Sony claims to be aiming this ED Beta deck at the "prosumer"—possibly the owner of a small-scale wedding/bar mitzvah videotaping company—who wants to offer professional-quality video at a lower-than-corporate price. This deck, like Super VHS models, will record a better picture than broadcast or cable television can deliver. It is clearly and carefully designed for use as an editing deck, with two flying-erase heads, jog shuttle, and a full boat of digital features—including a sixty-times digital scan mode that shows an image while the tape is in fast forward or rewind. The deck's memory can store and then assemble up to eight segments of video.

Toshiba SV-950 (\$1,500)

Another finely engineered example of Super VHS that's packed with VHS Hi-Fi, MTS, multiscreen effects, and a difference: You program this deck by moving a light pen across an on-screen display. The SV-950 also features a form of automatic visual indexing—you electronically mark spots on the tape while recording, and the deck will automatically go to and briefly display those spots in the search mode until switched over to the play mode.

Zenith VRE550 (\$1,150)

This six-head S-VHS machine has MTS, VHS Hi-Fi, on-screen programming, and a flying-erase head. But it does something other "super" VCR's can't: It records and plays back closed-captioned information for the hearing impaired and, when linked to one of Zenith's Digital System 3 TV's, the deck can record Teletext news and business programming.

like freeze-frame, slow motion, and visible picture search. While some effects are available on two-head machines, they are marred by streaking and video noise, or "snow."

When selecting a VCR, carefully evaluate its features and decide which ones make sense for your intended application. Visible picture search allows you to scan quickly forward or backward without picture degradation; it's useful for skipping commercials or locating a particular scene in a movie. Freeze-frame allows you to study a frozen moment of video; slow motion allows you to see it slightly thawed.

Flying-erase heads and jog shuttles are important features for the serious videophile who intends to use a deck for editing (intercutting and assembling video footage). Flying-erase heads allow you to connect video scenes cleanly, without the annoying visual glitches that appear when you start and stop recording. The jog shuttle is a dial that allows you to speed up or slow down the tape at a smooth, variable rate in either forward or reverse. Similar to a feature found on professional editing decks, the jog shuttle is essential for quickly locating exact edit points.

So-called digital VCR's do not record digitally; rather, they use digital circuitry to clean up or otherwise enhance picture quality. Computer chips have also opened up a new vista of video special effects by providing a means to store video images in memory for various forms of processing and manipulation. Picture-in-picture (PIP) is probably the flashiest of digital effects. This feature allows you to view two pictures, from two different sources, at once. One image is full-screen, the second appears as an inset box that can often be varied in size and position and can even be swapped with the main image. Some VCR's with the PIP feature allow for multiple insets, and some have a "strobe" feature that automatically advances a frozen inset one frame at a time.

Digital circuitry in some VCR's allows you to create "video art" effects like mosaic. Once the exclusive domain of avant-garde video artists, such effects have become familiar to the MTV generation. Like jog shuttles and flying-erase heads, special effects are likely to attract only those who plan to produce their own home videos.

A majority of Americans now own VCR's, but most of these machines are basic, no-frills models used for time-shifting and watching rented tapes. VCR manufacturers understandably want us to upgrade, and in the quest for our video dollars they offer a tempting menu of audio, video, and special effects. These features are enticing. But to make sure you bring home no more or no less than you need, treat your VCR buying expedition like a trip to the supermarket: Bring along a "features" shopping list, stick to it, and shop the sales! □

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just about perfect, we decided to
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SOI

Our 35" direct-view monitor/receiver has our exclusive Diamond Vision® II picture tube and a wide band video amplifier capable of 560 lines of resolution, compared to the normal 340 lines.

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One remote controls everything in this ad.

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AIMING TO PLEASE

Choosing a camcorder that's right for you • by Warren Berger

EVERYBODY, it seems, has an opinion about camcorders. People will tell you it doesn't matter which television or VCR you choose, but mention camcorders and they suddenly take a firm, sometimes impassioned stand. Your cousin will rave about the superior picture quality provided by Super VHS camcorders, adding that you'd be crazy to buy anything else. Your neighbor will note that the 8mm format, with Sony's solid backing, is a logical choice because it offers the most state-of-the-art features. Your spouse will tell you it doesn't matter what you get, as long as it's compact, lightweight, not too expensive, and compatible with your VCR—a good definition of the VHS-C (for “compact”) format. The video salesman will, of course, be a staunch supporter of whatever type of camcorder the shop's pushing that week.

Who's right? Well, putting aside the salesman's format-of-the-week, everybody is. The world of camcorders is a very democratic one. And while it's true that not all camcorders are created equal, it's also true that no single camcorder—in fact, no one format—is right for everyone. That truth would seem to be self-evident, but it needs to be emphasized because of the tendency of “experts” to speak in absolute terms about camcorders. When Sony's 8mm models first appeared, some pundits predicted that the format would soon make others obsolete. Within a couple of years, they were saying the same thing about Super VHS.

How does the consumer make an intelligent choice in this atmosphere of conflicting views? Start by looking at the facts, one of which is that no one can safely predict the future in the volatile video business. So disregard most predictions of obsolescence; it's reasonable to assume that at least five out of the six existing formats—S-VHS, S-VHS-C, regular full-size VHS, VHS-C, and 8mm—are going to be around for a while. (Some consider the future of the sixth format, Beta, to be less certain, although its high quality just might keep it in the picture.) Each of these formats has captured a share of the overall market because each has something to offer, whether it be low price, compactness, compatibility, or special features.

Within the half-dozen formats, there are more than 100 different camcorders on the market right now. (What's a democracy without diversity?) Some of the newer models boast features that would satisfy even the most advanced videographers, providing glitch-free editing between scenes, “image stabilization” devices that smooth out bumpy shots, and digital special effects



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SCENE	115	89
DATE	10-1-99	SOUND
PROD. CO.	New York	Flash
DIRECTOR	Burnette	
CAMERAMAN	Zodiak	

that can turn a home movie into a work of art. Naturally, the availability of these options is in itself a good thing. But when you add all of the new technical terms ("flying-erase head" is my favorite) to the format morass, the confusion mounts. No one said living in a democracy was easy.

Perhaps the best way to approach the camcorder puzzle is to adopt a simple, two-pronged strategy. Tackle the format issue first, then proceed to features.

Formats

An understanding of how each particular format works isn't all that important—what's needed, rather, is a quick frame of reference you can carry around in your head

as you shop, one which stresses the one or two key advantages and disadvantages of each format.

Full-size VHS is still, in many ways, the bread-and-butter format. It's big and bulky, but it offers longer recording time (up to eight hours on a T-160 tape), compatibility (allowing you to transfer your tape directly from the camcorder to a home VHS deck), and in-camera playback (which means the camcorder doubles as a second VCR, and also allows you to see how your shooting is coming along without having to go home first). This format also offers some of the best buys on the market. However, picture quality on standard VHS is inferior to that of other formats.

VHS-C was designed for those who want to lighten their load, as well as their expenditure. With models weighing in at just over 2 pounds (including batteries), a good VHS-C camcorder can be purchased for \$1,200 or less. The format is semi-compatible with home VHS decks; you need a cassette adaptor. Recording time is short (one hour) and features tend to be limited.

The 8mm format provides the 2-pound compactness of VHS-C with some significant advantages. Both picture and audio quality run high on 8mm camcorders (AFM, or audio-frequency modulation, is a high-fidelity recording process that gives this format the best audio specs); in addition, they tend to be packed with features in spite of their diminutive size. Since

8mm tape is smaller, the format also crams in double the recording time of VHS-C. The big drawback is incompatibility; since 8mm recordings can only be played on 8mm decks, the format is swimming against the VHS tide.

Beta, of course, has the same compatibility problem as 8mm. And while there is a possibility that 8mm could become a more widespread home-video format in the future, Beta is clearly a format of the past. Still, Sony's Super Beta camcorders offer a 20-percent improvement in picture quality over standard Beta, as well as advanced features.

S-VHS offers, quite simply, the best picture you can get—its horizontal resolution measures 400 to 450 lines, far exceeding the 240 to 250 lines of resolution of standard VHS and 8mm's 266 lines. On the full-size machines, you also get two hours of recording time and a full range of features. On the downside, S-VHS is expensive (more than \$2,000 in most cases) and there are some compatibility problems. You can't play a tape recorded in the S-VHS mode on a regular VHS deck—and direct connections from camcorder to television require a TV set with an S connector (a special jack available only on newer TV's). So unless you're ready to upgrade more than just your camcorder, this may not be the format for you. Also, the S-VHS camcorders are still first-generation, which makes some buyers uneasy. But there's little argument that this format—along with its more compact version—seems to have the brightest future.

S-VHS-C, in addition to having too many letters in its name, has the compatibility problems of full-size S-VHS compounded by the need to use an adaptor for the cassette. Nevertheless, this is the format that takes all the picture-enhancement advantages of S-VHS and incorporates them into a portable package.

In reviewing all six formats, it's clear that there's something for everyone. The format you choose will probably depend on your priorities; the importance of picture quality will have to be weighed against the value of sound quality, availability of special features, portability, or compatibility with home VCR's. The order in which you prioritize should determine your format decision.



A trio of formats (facing page, from top): Sony's CCD-V220 8mm camcorder (\$2,500) features PCM digital audio sound. Quasar's VM52 (\$1,800) packs the enhanced picture of Super VHS into the compact VHS-C format. The Olympus VX-406 (\$1,650), a full-size VHS unit, has a flying-erase head and a built-in character generator.

Feature Attractions

With a better understanding of formats, the buying process becomes less intimidating—and can actually start to become fun as you check out the various performance features. Some of the hot new extras available on today's camcorders include power zoom, variable shutter speeds, the aforementioned flying-erase heads, digital effects, and a new feature called image stabilization.

The last of these deserves special mention, because it may represent the most important new camcorder feature. Available on VHS camcorders from Magnavox, Philips, Panasonic, and Chinon, image stabilization helps eliminate a long-standing problem associated with home video, and before that, home moviemaking—the problem of the wobbly picture.

Too often, home videos end up resembling that awful series of commercials for Nissan (remember the ones where the camera lurched and swayed drunkenly while a group of yuppie engineers sat around a table and talked cars?). Those jitters could have been prevented—television cameras do, after all, have steadying devices—but until recently, there was no way to steady the hand (and shoulder) of the amateur videographer. Image stabilization offers at least a partial solution to the problem: A complex lens assembly system features tiny motors that shift the lens up and down or side to side, to correct for movements (up to 12 degrees) by the person holding the camera. The function can, by the way, be turned off, so you would still be able to shoot a Nissan commercial if you had to.

There are a couple of drawbacks to the new feature—it increases both the weight and the price of the camcorders it is built into. All four available models (Panasonic PV-460, Magnavox CVJ-360, Philips CPJ-815, and Chinon CV-T80) cost more than \$2,000, and each one weighs more than seven pounds.

While image stabilization helps smooth out the jitters, the flying-erase head—which is not as dangerous as it sounds—helps provide smooth transitions between scenes. Now available on about half the camcorders on the market, this feature eliminates the video lines normally visible between scenes through the use of an “eraser





Image stabilization is the hallmark of Panasonic's PV-460 (\$2,250), a full-size VHS camcorder. This sophisticated feature uses a complex lens assembly and a tiny motor that shifts the lens up and down and side to side to prevent the video jitters.

head" that's attached to the rotating head cylinder.

Power zoom is another hot button on the new camcorders. Most camcorders have traditionally offered six-times power-zoom capabilities, but recent models have expanded the zoom to eight, ten, or, in the case of Sharp's VL-C750U and VL-L250U, a top-of-the-zoom twelve times. Is that much zoom necessary? Perhaps not, but it can make a big difference if you're shooting sports videos or vacation sights. Power zoom gets you close to the action, quickly.

Variable shutter speeds, meanwhile, allow the camcorder operator to capture the action more effectively by controlling light intake in much the same way a photographer does. Camcorders have traditionally offered one shutter speed— $1/60$ of a second—which is fine for medium-to-dark lighting conditions but leaves the shutter open long enough to create possible blurring. With the higher speeds ($1/1000$ and faster) now available, videographers can get clearer action shots, particularly when shooting in daylight.

Conversely, when shooting in the dark, low-lux capability becomes important. (Lux is a standard of light measurement.) Most camcorders can shoot in lighting as low as 10 lux, which is fine for most indoor shots. If you want to be able to shoot in near-dark conditions—by candlelight, for instance—you have to look to the lux leaders. Sony 8mm camcorders can shoot in as little as 4 lux, while Panasonic, Quasar, and Olympus models

can shoot in as little as 1 lux.

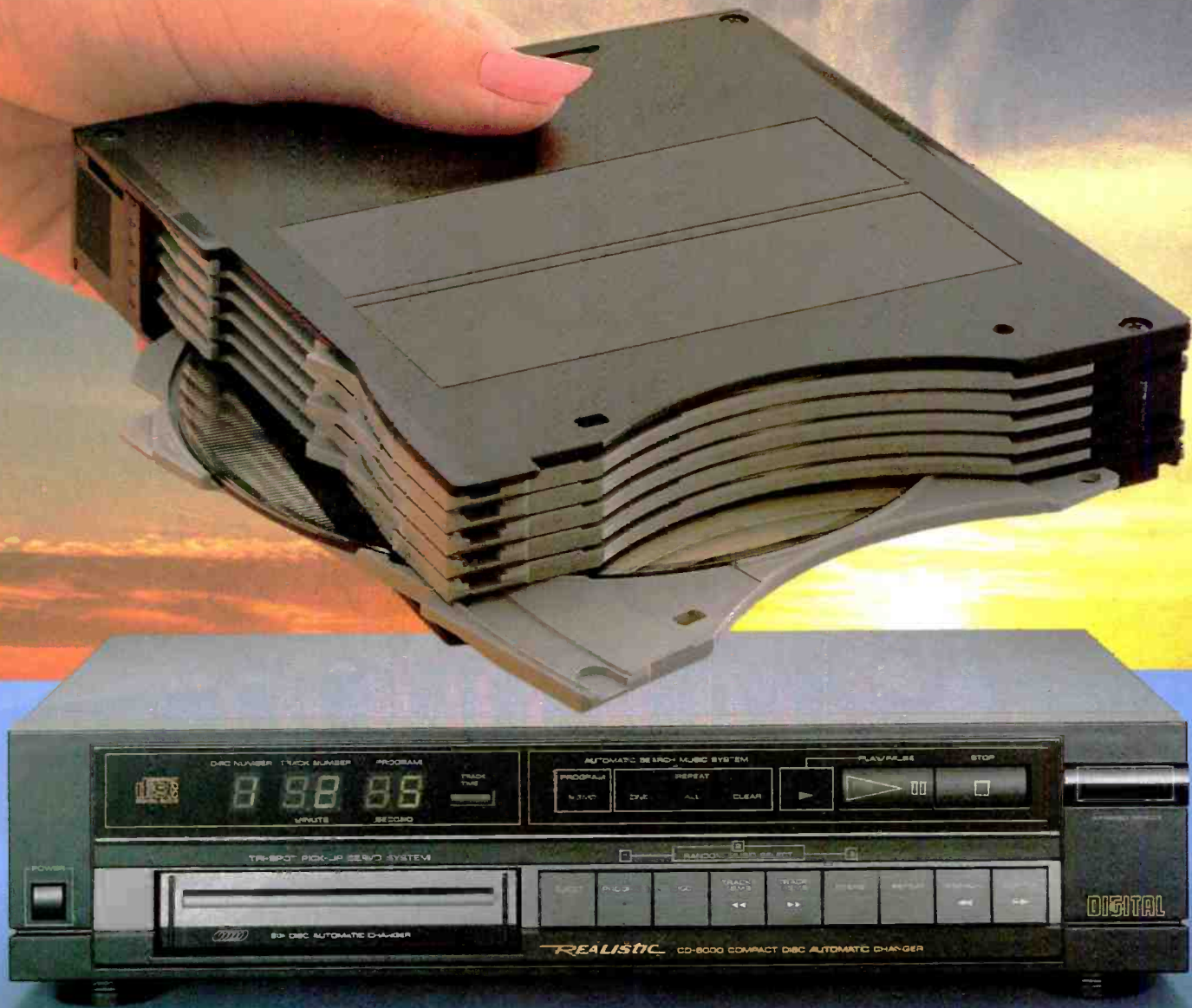
Digital special effects might be viewed as the icing on the cake. Camcorders that offer electronic fade can improve transitions, while digital wipe and digital strobe can add some show-biz glitz to your home videos. Digital processing also can be used to produce a number of dual-image effects—everything from superimpositions to picture-in-picture (PIP). These could hardly be described as "must" features, but they will have some value to the person who plans to experiment with video techniques. True video Warhols may want to check out Toshiba's 3-D camcorder, which necessitates the use of those funny glasses during playback. (Talk about incompatibility!)

Moving from the bizarre to the basic, it should be noted that autofocus, once a luxury feature, has now become standard. The salesman will probably still list it as a selling point, but know that virtually every camcorder on the market has it, and beware of any model that doesn't.

Also be aware that AFM recording on 8mm camcorders is not equivalent to stereo recording. Though AFM specs are good—with a frequency response of 20 to 20,000 Hz and a dynamic range near 80 dB—the system produces *monaural* sound. Some 8mm models, however, have PCM (pulse-code modulation) digital sound, which provides near-CD sound quality in stereo (Sony's CCD-V220, \$2,500). Meanwhile, though camcorders with hi-fi stereo sound are said to be on the way—JVC has promised imminent delivery of a hi-fi model—there was still no product available at press time.

After sorting through all the features and analyzing the strengths and weaknesses of the various formats, remember that the *feel* of a camcorder is extremely important. Obviously, compact units tend to be the most pleasing to the hand, but don't be intimidated by a full-size, shoulder-rest model. Once you pick one up and handle it for a while—something you should do at length before buying—you may discover that full-size is not as unwieldy as it looks, and it may actually be *easier* to use than a compact model. Again, it's all a matter of personal taste: Regardless of what the "experts" may like, in the end you must please yourself. □





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Now there's a more convenient way to enjoy the best in sound—the new compact disc *changer* from Radio Shack. You can load up to six discs in its magazine, sit back, and enjoy hours of superb digital stereo. Or, program up to 32 selections from the six discs to play in any sequence. Either way, you can pause, replay, program and search, using the wireless infrared remote control.

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The real magic of videocassette recorders is that they bring movies into your home. Yet after all these years, the only VCR which can deliver theater-like sound is the Akai VS-A77U-B. The world's first Dolby® Surround Sound VCR.

Many movies available on videocassette feature Dolby Surround Sound. But to enjoy the experience of being right *in* the action you need a Dolby Surround Sound Decoder (like the one built into Akai's AA-V435-B Audio/Video Receiver).

Or now, the Akai VS-A77U-B. This VCR decodes Dolby Surround Sound information without the need for costly add-ons. There's even a built-in stereo amp to power a pair of rear-channel speakers. Add the VS-A77U-B and a pair of rear speakers to your TV set and you've got an instant movie theater!

The VS-A77U-B offers everything else it takes

to become *the* state-of-the-art VCR: an intelligent remote control that can be programmed to operate nearly all infrared remote control television sets and audio components; VHS Hi-Fi with audio quality comparable to a CD player; MTS stereo tuner with 167 stations and Akai's Quick Start System which eliminates the long delay between operating functions.

The Akai VS-A77U-B is the true synthesis of the best in audio and the best in video. It's only logical that it comes from Akai, where audio and video are one.

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AKAI

Where audio and video are one.

HI-TECH TVs

BY BOB ANKOSKO

REMARKABLE as it may seem, 1989 marks television's fiftieth anniversary. Americans caught their first glimpse of TV in 1939 at the New York World's Fair—the year that MGM premiered *The Wizard of Oz* and *Gone with the Wind*. Since those pioneering days, television technology has evolved slowly. The first revolution came with the introduction of color TV in the early Fifties. And it took more than three decades to reach the next milestone, stereo TV sound.

Refinements in television sound have been followed in recent years by a number of picture and design enhancements—all of which aim to squeeze the most out of the decades-old NTSC (National Television Standards Committee) guidelines. To the casual observer, it might seem as though the breakthrough in television sound provided a swift kick in the pants to TV/video engineers. Whatever the impetus, one thing is certain: If you've been out of the television market for several years, you're in for a very pleasant surprise. Indeed, it's a whole new ball game.

But what about this high-



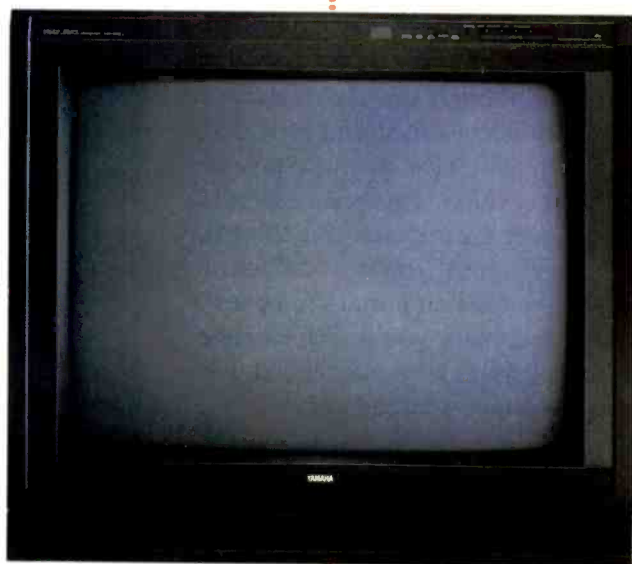
Hitachi's TT8550 stereo TV has a 31-inch screen, two tuners, a programmable remote control, an S-VHS jack, on-screen displays for picture and sound control, and an oak-veneer cabinet. Price: \$2,899.

Videowise, RCA's G31150 offers a 31-inch picture tube capable of producing 600 lines of horizontal resolution, an S-VHS jack, two A/V inputs, and on-screen prompts. Soundwise, the stereo set has four speakers and surround-sound circuitry. The cabinet is oak-veneer. Price: \$2,499.



A 35-inch picture tube is featured in Mitsubishi's CS-3504R stereo TV. Special video effects include picture-in-picture, four-channel preview, and sequential frame-stepping or strobing. The set also has two speakers, dual A/V inputs, and a gray-vinyl cabinet. Price: \$2,599.

Yamaha's YM-300S monitor/receiver features a 30-inch picture tube capable of producing 560 lines of horizontal resolution, on-screen programming, and three A/V inputs. The stereo set also has two speakers, a "sound wide" mode, and a remote control that operates Yamaha VCR's. Price: \$1,999.



definition television, you ask? Should you postpone your TV purchase until the new technology becomes available? Absolutely not. While it's true that an HDTV system capable of delivering motion-picture-quality video is imminent, no one knows exactly when it will be implemented in this country (see "TV's Cutting Edge," page 31). Even assuming a best-case scenario, HDTV isn't likely to surface here before 1991—and many think it will probably be 1992 or beyond. A complex web of technical, political, and economic issues have yet to be resolved.

So in the meantime, why not pay a visit to your local TV/electronics store and survey the new television landscape? Today's top-of-the-line direct-view TV's have larger, flatter, and squarer viewing screens, as well as vastly improved picture and sound quality. They also are equipped with sophisticated remote controls and are capable of performing some neat tricks, like displaying two or more pictures on the screen at once. One set even allows you to call up a tic-tac-toe board of nine channels on the screen!

Of course, this kind of technological wizardry doesn't come cheap. If you plan to buy from the cream of the TV crop, be prepared to spend anywhere from \$1,000 to \$3,000 or more. If it's any consolation, most salesmen will remind you that you're not just buying a TV, you're buying a sophisticated *monitor/receiver*.

One of the many surprises you'll encounter on your shopping expedition is that the old, familiar 25-inch console is no longer the king of the TV hill. RCA, the top-selling TV brand in America, doesn't even offer that screen size anymore. You can still buy a 25-inch set, but if you want the "best," you'll be dealing with an odd assortment of new screen sizes, ranging from 26 to 35 inches (measured diagonally).

The Big Picture

To support the bigger screen, which places more demands on picture quality, today's high-tech TV's are able to produce more lines of horizontal resolution than you thought you'd ever need. (Resolution is a common way of rating picture detail; the more lines, the sharper the picture.) Most sets deliver between 500 and 600 lines, and at least one manufacturer claims a whopping 700 lines. The obvious question is, why do you need a TV with such high resolution if broadcast

TV can deliver only 330 lines? While it's true that 500 lines is overkill if all you do is watch broadcast and cable TV, the "extra" lines will be useful if you plan to use a wideband video source like a Super VHS or ED Beta VCR, which produce 430 and 500 lines, or a computer, which can take you above 600 lines. As an example, the difference between TV's 330 lines and Super VHS's 430 is immediately discernible in fine picture details—such as the texture of an orange or the petals of a flower. Ask the salesman for a demonstration.

Exactly how are the current crop of premium TV's able to produce a cleaner, more natural looking image? Every manufacturer seems to have its own method or combination of methods to achieve what it deems to be the "best possible picture." Two basic enhancement devices that you're bound to come across are the comb filter and surface acoustic-wave (SAW) filter. The first circuit improves separation between the black-and-white (luminance) and color (chrominance) portions of the TV signal, which sharpens the picture; the SAW filter reduces interference from adjacent channels. Virtually all topnotch TV's also have an S-VHS jack, which is needed to realize the full benefits of a Super VHS VCR. This special input, also referred to as a Y/C connector, is used to isolate the luminance (Y) and chrominance (C) portions of the signal from one another.

Video amplifiers, which boost the video signal before it reaches the picture tube, also play an important role in improving picture resolution. In standard TV sets, video amplifiers typically restrict horizontal resolution to about 330 lines. But current high-end TV's use so-called wideband amplifiers, which set the stage for a more detailed, high-resolution picture. Manufacturer's literature will tell you that wideband amplifiers expand the video signal's frequency response to 7 megahertz (MHz), compared to 4 MHz in standard TV's.

New Technology

The newest and perhaps most intriguing means of TV-picture enhancement is a digital-based technology called noninterlace scanning. Both Philips and Toshiba are using the technology in current sets; Sony, Panasonic, and others also are investigating it.

To understand this new technology, you must have a feel for the inner workings of a TV. In conventional

sets, two separate fields of lines are alternately scanned across the inner face of the picture tube every $\frac{1}{60}$ second. (Each scanning line is actually an electron beam that produces light when it strikes the screen.) The second field of lines is *interlaced* between the lines of the first field to "paint" a complete picture every $\frac{1}{30}$ second. This process creates the illusion of a continuous picture (but you can see the scanning lines if you look closely).

Noninterlace TV sets—like the new 27- and 31-inch IDTV (improved-definition TV) models from Philips—use digital memory to store one field of lines and display it along with the second field, thus doubling the number of scanning lines that appear during each $\frac{1}{60}$ -second interval. The result is said to be a more solid-looking picture. However, many people think a noninterlaced picture is no better than the conventional interlaced picture. You'll have to let your eyes be the judge here.

To clean up the "snow" produced by weak TV signals, Philips's IDTV's employ a digital noise-reduction circuit that can be switched between 6 and 12 dB (or it can be switched off). Essentially, the set's 2.5-megabyte memory stores the picture, filters out the "noise," and then redisplay a cleaned-up image. Zenith and other companies use similar digital-filtering techniques.

Of course, there are other means of refining the TV picture. RCA, Sony, Hitachi, and Panasonic use "fine-pitch" picture tubes, which feature smaller phosphor dots—the glowing color elements that create the picture—and tighter spacing between those dots than conventional picture tubes. This also is said to translate into finer detail. Some years ago, Sony developed the Trinitron picture tube, a one-gun/single-lens design that it still uses today and that has received wide praise for picture clarity. The Trinitron differs from the conventional shadow-mask picture tube, which uses three electron guns to "fire" red, green, and blue electron beams at corresponding color phosphors on the inside of the screen.

Another method of enhancement is a scanning technique called "velocity modulation," which continually adjusts the speed of the TV's electron beam to create a sharper image and better contrast; it's used by Sony and other manufacturers. These are a few of the many techniques used to clean up the picture.

Great sound is the highlight of NEC's KX-2791A console TV. The set's 27-inch screen is complemented by circuitry that provides hall, matrix, and Dolby Surround Sound effects, a 40-watt amp, and four speakers. Price: \$1,299.



One of two IDTV (improved definition television) sets from Philips is the 31-inch Model 31J460. A digital scanning technique is said to enhance the picture. Special effects include picture-in-picture and nine-channel preview. Price: \$2,600.

Like the Philips TV (left), Toshiba's 28-inch CZ2898 table model uses digital noninterlace scanning to improve picture quality. Special effects include picture-in-picture, and there's also an on-screen display. The set's side-mounted speakers are adjustable. Price: \$2,500.



It Sounds Good, Too

For forty-five years of TV's fifty-year history, manufacturers turned a deaf ear to the medium's tinny sound. But once stereo TV broadcasting got off the ground in 1984, sets with two or more speakers and a built-in audio amplifier began trickling onto the sales floor. Today, quality sound is the norm in premium TV's—virtually all of them have a built-in MTS (multi-channel television sound) decoder to receive stereo signals, along with an extra channel known as SAP (separate audio program), which can be used for bilingual telecasts.

While you won't get CD-grade sonics from a high-tech TV, you will hear a vast improvement over models with a lone 3-inch speaker. All "stereo" TV's have at least two speakers and an amplifier that cranks out between 3 and 40 watts—not bad for a TV. Back panels also typically have multiple audio/video jacks so you can hook up two VCR's and a videodisc player as well as tie the TV into your home stereo system.

Some TV brands have really put

sound in the spotlight. To clean up the audio signal, Panasonic has built a dbx noise-reduction circuit into some of its sets (CTK-3194S, \$2,700, and CTK-3196S, \$2,600). Zenith's new 31- and 35-inch sets (ZB3193H, \$2,795, and SE3535H, \$3,395) incorporate a compact sound system designed by speaker-manufacturer Bose. And then there's NEC, which takes things a step further by throwing a surround-sound decoder in its newest 27-inch console TV (model KX-2791A, \$1,299). Powered by a 40-watt amplifier, the set has four internal speakers and jacks on the rear panel to connect additional speakers. It also offers a choice between three sound effects: hall, matrix, and Dolby Surround Sound.

Convenience and Frills

What would a high-end TV set be without a trick or two up its sleeve? Many sets have dual tuners—that's right, *two*—to provide special effects like picture-in-picture (PIP), which allows you to watch two or more stations at once. Typically, you can move the inset around the screen and,

in some cases, adjust its size. Digital memory also is put to use in some sets to manipulate the picture in a number of ways.

The Philips/Magnavox PIP system, for example, allows you to display up to nine channels on the screen at one time. Viewers also can swap the main picture with the inset, freeze the PIP image, store the main picture for later recall, or display a sequence of nine still images to analyze fast-moving scenes.

The best TV's on the market today also have remote controls that will operate all of the TV's functions—and in some cases every other audio or video component you own as well, so you don't become a victim of coffee-table clutter.

That's a lot of information to digest, but there's still a lot more to see and hear. The best way to select a television that's right for you and your budget is to put your eyes and ears to the test—get out and shop, then shop some more. And when it comes to that "helpful" advice friends are giving you—just ignore it. Seeing—and hearing—is believing. □

TV'S CUTTING EDGE

IMAGINE A WIDE-SCREEN PICTURE ON YOUR TV that's as sharp and detailed as the one you see when you go to the movies. While this isn't yet possible in the U.S. due to the technical confines of the forty-year-old NTSC standard governing American broadcasters, work is well under way on a high-definition TV (HDTV) system capable of delivering such topnotch performance. In addition to more lifelike color, extraordinary detail, and a screen that's one-third wider than current TV screens, HDTV also will deliver CD-quality sound.

But before such an advanced television system can be launched in the U.S., a number of technical, political, and economic issues must be resolved. Central to these is the adoption of a standard that would establish an operating framework for broadcasters and TV manufacturers. The FCC (Federal Communications Commission) took the first step toward a standard last September when it said in a preliminary report that any advanced TV system adopted in this country must be fully compatible with current color TV's.

About twenty HDTV systems have been proposed, but only about eight are considered serious contenders. Included are the ACT (Advanced Compatible Television) system being developed by NBC, GE, and

RCA; North American Philips's HDS-NA (High-Definition System for North America); and Zenith's Spectrum Compatible HDTV System. Since the 6-MHz bandwidth provided by the current NTSC standard is too narrow to pass along the enhanced HDTV audio/video signal, these systems use a second TV channel to transmit a portion of the signal.

The main selling point of compatibility is that it provides an extended lease on life for the estimated 160 million TV sets in American homes. Before you upgrade to a "smart" HDTV set, you would still be able to use a standard television when broadcasters switch to HDTV transmissions. With compatibility assured, the transition from standard TV sets to HDTV sets would mirror the early days of color TV.

MUSE, an incompatible system that has been under development by the Japan Broadcasting Corp. (NHK) for nearly two decades, was considered a leading contender in the HDTV race here until the FCC's September announcement. NHK is now working on NTSC compatibility and plans to introduce the original version of MUSE in Japan in the early 1990's.

On the political and economic fronts, the FCC's endorsement of an NTSC-compatible system is seen as a boon to American

business in what is likely to evolve into a multibillion-dollar market. Compatibility also makes life easier for broadcasters by avoiding an abrupt and costly changeover to all-new transmission equipment.

Even though the HDTV ball is rolling, don't expect the issues to be resolved until the early Nineties. An FCC advisory committee is setting up an independent testing program to evaluate all potential systems; evaluation alone is expected to take until mid-1990 to complete. In the meantime, the FCC is receiving volumes of input on HDTV from numerous parties, ranging from broadcasters and TV manufacturers to trade groups like the Electronic Industries Association (EIA). And then there is the issue of how much HDTV programming will be available and when, as well as that of compatibility with alternate delivery systems such as cable, satellite, and VCR's.

If HDTV achieves the same rate of penetration as color TV—which took eight years to find its way into 1 percent of American homes—it may not really catch on until the year 2000. When it does finally get off the ground here—in whatever form—what will an HDTV set cost? Depending on who you talk to, it won't come cheap—estimates range from \$1,500 on the low end to \$3,500 or more. Start saving now. —B.A.



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while your wife enjoys a sound night's sleep. There's no cord, no hassles and no distractions to get in the way.

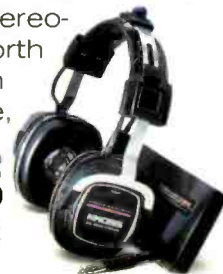
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HI-FI VIDEOS

by Roy Hemming

THE biggest news in video these days is sound, as some of the ads unashamedly proclaim. And it's about time.

At last, more and more video companies are paying long-overdue attention to the quality of the soundtracks of both the videocassettes and videodiscs they release. For too many years they generally maintained the same kind of head-in-the-sand attitude that long kept broadcast television sound in the Stone Age. But now, sound counts as much as color quality and picture detail.

The growing popularity of compact discs has played an important role in this change. Not only has it made more and more people acutely aware of better sound quality in audio entertainment, but it has spurred a spin-off by revitalizing videodiscs, which utilize the same system for encoding digital data. That, in turn, has sparked videocassette equipment manufacturers and program producers to improve *their* sound capabilities too. We video fans are the beneficiaries.

What—in terms of their sound—are the best of the movies, operas, ballets, and other videocassettes and discs presently available? With new releases coming out by the hundreds every month, I can't profess to have seen everything. But the following ones have really impressed me.

STAR WARS. Mark Hamill, Alec Guinness, Carrie Fisher, Harrison Ford; George Lucas dir.; 1977. CBS/FOX VHS Hi-Fi, Beta Hi-Fi, and videodisc.

Its soundtrack played as significant a role as its much-touted visual special effects in turning George Lucas's 1977 movie from just another science-fiction/adventure flick into the classic it has become. From the opening roar of the giant spaceship as it whooshes onto the screen, the combination of sound effects and John Williams's music is as arresting as that in

any movie before or since. The sound is superior on the videodisc, but whether on cassette or disc this is movie sound at its most imaginative. Among the several *Star Wars* sequels in video circulation, *The Return of the Jedi* arguably has the best sound of all in its videodisc edition (also CBS/Fox), but the movie itself is more episodic than its predecessors and there are distracting problems with the panning and scanning of the widescreen images for video.

2001: A SPACE ODYSSEY. Keir Dullea, Gary Lockwood; Stanley Kubrick dir.; 1968. MGM/UA VHS Dolby stereo, Beta Dolby stereo.

Stanley Kubrick's science-fiction classic was one of the first movies to adapt for its score a number of existing classical-music recordings, ranging from the "Sunrise" section of Richard Strauss's *Also Sprach Zarathustra* to pieces by Ligeti, Khachaturian, and Johann Strauss. They all work marvelously in relation to Ku-

brick's trailblazing images, and the analog stereo transfer to video is excellent. Presumably even better should be the digitally remastered videodisc from Criterion, which is due for release in 1989 and was transferred under Kubrick's supervision.

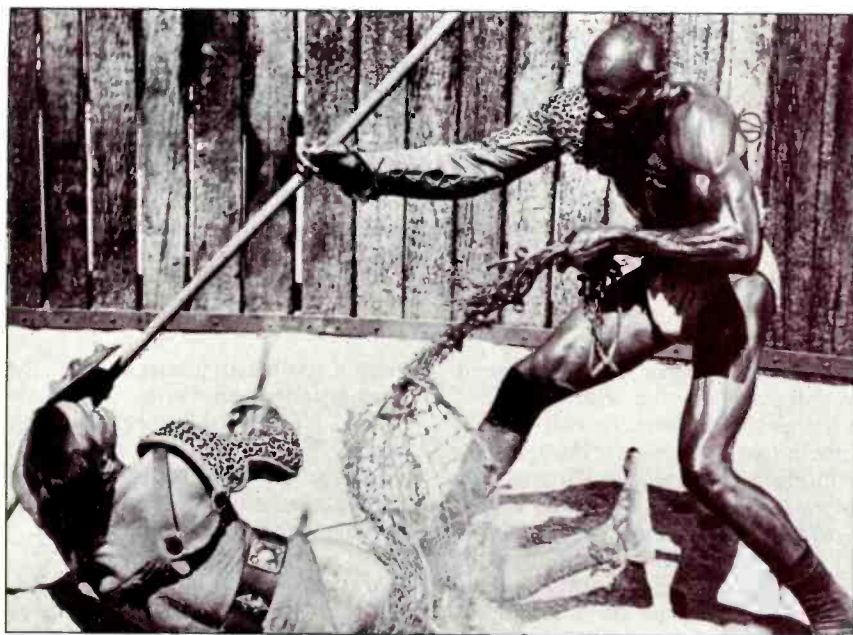
RAIDERS OF THE LOST ARK. Harrison Ford, Karen Allen; Steven Spielberg dir.; 1981. PARAMOUNT VHS Hi-Fi, Beta Hi-Fi, and videodisc.

I still can't forgive the 1981 Academy Award voters for snubbing this most perfect re-creation (and expansion) of the style, spirit, thrills, and good fun of the old-time Saturday-matinee movie serials. But even without the Oscar it deserved, this remains both a visual and sonic spectacular. For once, the derivative-ness and repetitiveness that so often mark John Williams's scores are excusable and even laudable—and the mix of music and sound effects will test the mettle of any home system.

Star Wars: movie sound at its most imaginative



TWENTIETH CENTURY FOX FILM CORP.



Spartacus: a bold and dramatic score by Alex North

BLADE RUNNER. Harrison Ford, Rutger Hauer, Sean Young; Ridley Scott dir.; 1982. EMBASSY VHS Hi-Fi, Beta Hi-Fi, and videodisc.

The New Age sounds of Vangelis help raise this 1982 sci-fi/adventure movie above the average, despite some bothersome holes in the screenplay about an ex-cop who's trying to track down rebellious androids in twenty-first-century Los Angeles. Vangelis's score is as aurally "grabbing" as are art-director-turned-film-director Ridley Scott's visual images of a blighted L.A. While the score is impressive in its cassette edition, it's even more so on videodisc, which movie purists will find letterboxed to maintain the original film's widescreen ratio. (In video letterboxing, a black or grey band appears at the top and/or bottom of the picture on the TV screen, in order to maintain the full original width of the film.)

SPARTACUS. Kirk Douglas, Jean Simmons, Laurence Olivier, Charles Laughton; Stanley Kubrick dir.; 1960. MCA VHS Dolby Surround, Beta Dolby Surround, and videodisc Dolby Surround.

STEREO REVIEW's Steve Simels insists that Alex North's score for this 1960 movie is the only American film music worth mentioning in the same breath with Prokofiev's *Alexander Nevsky*. While I wouldn't go quite that far (I like several scores by Erich Korngold and Alfred Newman just as

much), I have to agree that its videodisc reproduction is among the most breathtaking around, far superior to the long-available audio LP version. North's score is bold, dramatic, and genuinely memorable from the opening titles to the closing credits (Simels has called it "a virtual concerto for gladiators and orchestra") and it plays a key role in making Stanley Kubrick's spectacle of ancient Rome so stirring and moving.

ROBOCOP. Peter Weller, Nancy Allen, Ronny Cox; Paul Verhoeven dir.; 1987. ORION VHS Hi-Fi, Beta Hi-Fi, and videodisc.

Sound buffs will love the clatter on the soundtrack as robot ED-209 clomps across the screen in Paul Verhoeven's 1987 satiric adventure-thriller about law enforcement in the perhaps not-so-distant future. There's also a good score by Basil Poledouris that accompanies all the mayhem and shenanigans with its own wry touches. This is Eighties sound at its most sophisticated—and effective.

WINGS. Clara Bow, Buddy Rogers, Gary Cooper; William A. Wellman dir.; 1927. PARAMOUNT VHS stereo, Beta stereo, and videodisc.

What? A *silent* movie on a list of great-sounding videos? Well, yes, since it has a new mighty-Wurlitzer soundtrack by Gaylord Carter that accompanies what are still some of the most exciting aerial photography se-

quences in movie history. Filmed in 1927 (just before *The Jazz Singer* doomed silents), *Wings* won an Oscar as Best Picture and made a star of the young Gary Cooper, who has only a small role here. With the new crystal-clear soundtrack, you're rarely aware that you're watching a sixty-one-year-old movie. Now, if only a similar service could be provided for some other silent classics languishing in the vaults.

OKLAHOMA! Gordon MacRae, Shirley Jones, Gloria Grahame; Fred Zinnemann dir.; 1955. CBS/FOX VHS, Beta, and videodisc.

Rodgers and Hammerstein's first big hit has become so legendary that there's a tendency nowadays to dismiss it as dated or even antiquated. But it certainly isn't when it comes to its soundtrack. The original 1955 movie version was in the then-new 70-mm Todd-AO widescreen process with a six-track Hi-Fi Orthosonic soundtrack. There were problems with both—and so, for general release in 1956, the movie was converted to CinemaScope and stereo, and that's the version in video circulation today (with the width of the frame cropped and the resulting panning and scanning, as with all CinemaScope features). The video release is complete with overture, intermission, and extended closing music. Moreover, the musical arrangements by Broadway veteran Jay Blackton have more bite and brightness than is the norm for Hollywood adaptations of Broadway shows. From the opening *Oh, What a Beautiful Morning*, the songs flow almost continuously and glowingly, with Shirley Jones, Gordon MacRae, Charlotte Greenwood, Gene Nelson, and most of the rest of the cast in top form. Here's one Broadway classic that has happily become a movie—and video—classic, too.

A STAR IS BORN. Judy Garland, James Mason; George Cukor dir.; 1954. WARNER BROS. VHS Hi-Fi, Beta Hi-Fi, and videodisc.

The Judy Garland-James Mason musical version of this thrice-filmed, ultimate Hollywood story was the third Warner Bros. movie to have a stereo soundtrack. But then, soon after the 1954 premiere, it got shelved along with about twenty minutes of the picture when the studio decided to trim its length for commercial reasons. During several changeovers in

studio management, the cut footage and the stereo track got lost in the Warner vaults—until Ron Haver, the persevering and tenacious head of the Los Angeles County Museum's Film Department, found most of both in an unmarked can in a New Jersey warehouse after a long search.

The result of his find has been the "reconstructed" video version of the original movie, as well as the 1988 release on CD of the stereo soundtrack. (The previously released LP version is an "electronically enhanced" phony-stereo version.) For me, the restored version has no equal among Hollywood musical dramas. What a thrill to hear Garland at her peak, singing those great Harold Arlen-Ira Gershwin songs that were tailored especially for her (including *The Man That Got Away* and *Here's What I'm Here For*). And Leonard Gersche's *Born in a Trunk* potpourri is easily one of the best movie-musical production numbers of the pre-rock era, ending with a socko *Swanee* that will show just how good your video sound system really is.

A HARD DAY'S NIGHT. The Beatles; Richard Lester dir.; 1964. MPI VHS Hi-Fi, Beta Hi-Fi; CRITERION videodisc.

Here's a rare example of a movie whose videodisc version is actually a sonic improvement on what was originally released theatrically—and, since the sounds belong to the Fab Four, that's saying quite a lot. The Beatles' 1964 movie debut has been digitally remastered in stereo for the

Robocop: sophisticated clatter



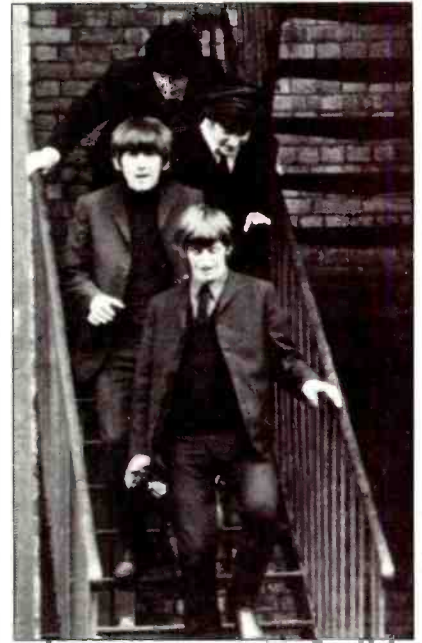
Criterion videodisc edition (unlike the recent CD audio release of the soundtrack songs, which is mono). Not only is the audio remastering well done, but the disc version is taken from a mint-condition black-and-white print, and Criterion provides such interesting bonuses as a theatrical trailer, an interesting interview with director Richard Lester, and his complete earlier short *The Running, Jumping, and Standing Still Film*, which anticipated some of the stylistically fresh and innovative ideas that helped make *A Hard Day's Night* so distinctive.

THE COTTON CLUB. Richard Gere, Diane Lane, Gregory Hines; Francis Ford Coppola dir.; 1984. EMBASSY VHS Hi-Fi, Beta Hi-Fi, and videodisc.

I know I'm in the minority, but I've long felt that this 1984 Francis Coppola movie got a bum rap from critics and audiences who expected a late-Twenties, Harlem-set musical and instead got a gangster melodrama with a nightclub background. Despite the weaknesses of the screenplay, the musical re-creations (a mixture of digital and analog) are first-rate and are mostly of some wonderful Duke Ellington material. In addition to the period musical numbers, the tap-dancing sound effects are impressively reproduced in the video transfer, as are the gunshot effects and a rain-storm that will have you checking your windows as you watch. I understand from someone who worked on the film that more than a half-hour of additional musical numbers got cut from the final release print, making this movie a perfect subject for video's next "reconstruction."

GIMME SHELTER. The Rolling Stones, Ike and Tina Turner, Jefferson Airplane; David Maysles, Albert Maysles, Charlotte Zwerin dirs.; 1970. RCA/COLUMBIA VHS, Beta, and videodisc.

The notorious 1969 rock concert at the Altamont Speedway in California that provides the basis for this first-rate "rockumentary" remains more than just "controversial" in many people's eyes because of the mayhem and murder with which it climaxed. But the vivid visuals and sound provide a lasting testament to both the positive and negative power of Sixties rock as both a social and cultural phenomenon. The Rolling Stones are



The Beatles: a sonic improvement

captured in peak form, performing some of their best songs (including *Satisfaction*, *Brown Sugar*, and *Sympathy for the Devil*). Jefferson Airplane and Ike and Tina Turner are also on hand, with Tina offering an especially unforgettable version of *I've Been Loving You Too Long*. *Gimme Shelter* is both ugly and beautiful, a combination of music and cinema verité that has rarely been blended so grippingly.

FRANK SINATRA: *Portrait of an Album*. Frank Sinatra; Quincy Jones and Orchestra; 1986. MGM/UA VHS Hi-Fi, Beta Hi-Fi, and videodisc.

This 1984 documentary of a Sinatra recording session (for the album "L.A. Is My Lady") shows both visually and aurally why Ol' Blue Eyes remains one of the three or four greatest American pop singers of our era. Unlike most other documentaries that mix interviews with *parts* of performances, this one presents all the songs complete—and they've been recorded digitally.

PUCCHINI: *La Bohème*. Mirella Freni (soprano), Mimi; Gianni Raimondi (tenor), Rodolfo; Adriana Martino (soprano), Musetta; others. Chorus and Orchestra of La Scala, Herbert von Karajan cond. DEUTSCHE GRAMMOPHON videodisc.

PUCCHINI: *La Bohème*. Teresa Stratas (soprano), Mimi; José Carreras (ten-

or), Rodolfo; Renata Scotto (soprano), Musetta; others. Metropolitan Opera Chorus and Orchestra, James Levine cond. PARAMOUNT VHS stereo, Beta stereo; PIONEER ARTISTS videodisc.

Considering the enduring popularity of this most romantic of Romantic operas, it's not surprising that there should be several first-rate video versions. Sonically, the best combination of beautiful singing and outstanding sound engineering is the videodisc from Deutsche Grammophon, in a lavish production staged by Franco Zeffirelli. As with most of Karajan's video recordings, the soundtrack was recorded first, with the cast then lip-synching their performances afterwards during filming. The result is very detached sound (for example, no movement noises on stage where you would expect them, and an unreal ambience to the crowd scenes of Act Two). Moreover, some members of the cast are not as adept at lip-synching as others, with some disconcerting slips—in close-up yet.

Much more dramatically believable is the 1982 "Live from the Met" performance on Paramount and Pioneer Artists, another Zeffirelli production. The videodisc's digitally remastered sound, while not as impressively "up front" as Deutsche Grammophon's, is still quite good, and Brian Large's maneuvering of his cameras through the "knock 'em dead" production is outstanding.

MAHLER: *Symphony No. 2, in C Minor ("Resurrection")*. Sheila Armstrong (soprano); Janet Baker (mezzo-soprano); Edinburgh Festival Chorus; London Symphony Orchestra, Leonard Bernstein cond. DEUTSCHE GRAMMOPHON videodisc.

If, like me, you've had mixed feelings about classical concerts on TV or videocassettes—partly because the visuals get boring with repetition, but mostly because the sonics are so limited—then this release should change your mind. As one of the first of PolyGram's new videodisc releases, Deutsche Grammophon could not have made a more thrilling choice than Bernstein's 1974 performance of Mahler's great *Resurrection* Symphony in Britain's historic Ely Cathedral. The work has long been a Bernstein specialty, and he plumbs its expressive depths for an overwhelming emotional and musical experience like no other I know in music. Where-

as in the concert hall Bernstein's podium mannerisms and excesses can be distracting, on video they become much more meaningful and involving when you can watch close-ups of his face and the way he communicates with the musicians and singers through his eyes and, yes, his whole body. The videodisc sound is actually more impressive than the audio CD by the same forces.

BEETHOVEN: *Symphony No. 4, in B-flat Major, Op. 60; Symphony No. 7, in A Major, Op. 92*. Concertgebouw Orchestra, Carlos Kleiber cond.



Philip Glass: mesmerizing *Koyannisqatsi*

DEUTSCHE GRAMMOPHON videodisc.

This is a prime example of how video can achieve something an audio-only recording cannot. Carlos Kleiber rarely conducts in the U.S., so this videodisc provides a splendid way for Americans to see as well as hear why he's become one of the most-talked-about and most critically acclaimed conductors in Europe. In it he conducts two contrasting Beethoven symphonies, the Fourth and the Seventh, with the Amsterdam Concertgebouw Orchestra—the same orchestra, by the way, with which his legendary father, Erich Kleiber, began but never completed a Beethoven cycle in the early Fifties. The younger Kleiber shows that he is completely his own man, in vivid, dramatically probing performances you'll want to play over and over. And the sound of the orchestra is simply magnificent throughout.

SHOSTAKOVICH: *The Golden Age*. Natalia Bessmertnova, Gediminas Taranda, Irek Mukhamedov, Tatiana Golikova (principal dancers); Orches-

tra of the Bolshoi Theater, Alexander Lavrenyuk cond. HOME VISION VHS Hi-Fi, Beta Hi-Fi; PIONEER ARTISTS videodisc.

If you think of Shostakovich as primarily a composer of broodingly somber or provocatively epic works, this lively and generally lighthearted Bolshoi Ballet production will come as a happy surprise. Most of the music is early Shostakovich, and it's closer to Broadway than to the Bolshoi, though in a decidedly satiric vein. This is not the original 1930 ballet, however, which displeased Stalin's cultural commissars (partly because audiences responded too warmly to the jazzy music Shostakovich gave the capitalist villains) and soon disappeared. But in this era of *glasnost* and *perestroika*, Bolshoi choreographer Yuri Grigorovich has been able to create a new version with a politically less heavy-handed libretto and with workable interpolations from Shostakovich's Piano Concerto No. 2 and the wry *Tahiti Trot* that Shostakovich based on Vincent Youmans's *Tea for Two*. The three-act production, taped in 1987 as a co-venture between the BBC and Soviet television, contains some truly spectacular dancing, with lifts and leaps that will leave you breathless. The music bustles and bubbles almost continually, as conductor Alexander Lavrenyuk drives the Bolshoi Orchestra through some of the fastest tempos at which this music could be taken without self-destructing. The sound is fuller and brighter on the disc version.

KOYANNISQATSI. Godfrey Reggio dir.; 1983. PACIFIC ARTS VHS stereo, Beta stereo, and videodisc.

The music of Philip Glass combines with Godfrey Reggio's visual images of contemporary America for a fresh, fascinating, thought-provoking, and senses-jarring audiovisual experience. There's no narration, no pontification—just music and images in counterpoint to each other, with the visuals sometimes slowed down, sometimes speeded up, but almost always arresting and exciting. The title is a Hopi Indian word meaning "life out of balance," and Reggio's images zero in tellingly on the natural beauties of the world and the manmade abuses that are undercutting the modern civilization mankind has built. But the images wouldn't have half the impact they have without Philip Glass's mesmerizing score. □



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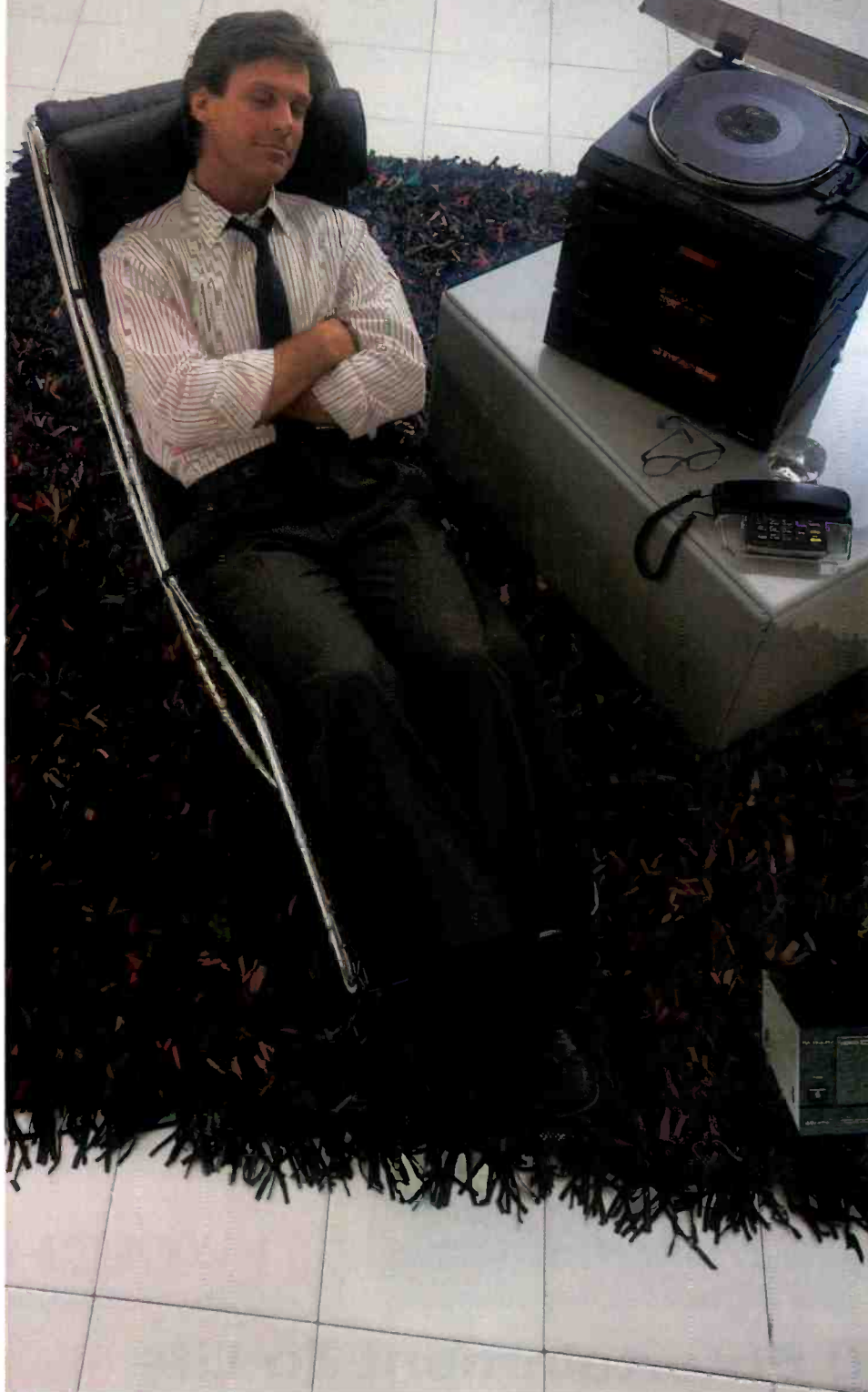


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BUYING GUIDE

In the following sixty-one pages, you will find in-depth information on current video components and related equipment. Listings include features, specifications, prices, and other relevant information for videocassette recorders and players, camcorders and video cameras, videodisc players (including combi-players), monitors and monitor/receivers, projection TV's, audio/video processors, video speakers (those shielded for placement next to video screens), audio/video systems, blank videotapes, and accessories.



Note that all prices listed in this guide are manufacturers' suggested retail prices, or "list" prices. Actual selling prices vary from dealer to dealer. A "Directory of Manufacturers" begins on page 106.

The listings are organized by component categories; each section is then ordered alphabetically by manufacturer.

Listings information has been supplied by the manufacturers, and it has not been verified by STEREO REVIEW lab tests.



VIDEO CASSETTE RECORDERS



AKAI

VS-M930U-B VHS Hi-Fi VCR

Quick Start transport keeps tape fully loaded for fast access (changing from stop to play in 1.5 seconds). Features HQ circuits; digital video noise reduction; random-access digital coding system stores nine index points; previews 8 seconds of each indexed selection; VHS Hi-Fi sound; 167-channel cable-compatible tuner; MTS/SAP stereo-TV decoder; six-event one-year programming; on-screen programming; real-time counter; digital special effects include variable slow motion, freeze frame, frame advance, frame retrieval; universal programmable remote control that stores programming data until convenient to transmit data to the VCR (also learns commands for other remote-controlled components); four video heads . . . \$749

VS-M910U-B. Similar to above but lacks digital special effects and universal remote control. . . \$649

VS-A77U-B VHS Hi-Fi VCR

Table-top VCR with Hi-Fi stereo sound. Features Quick Start; Dolby Surround Processor; built-in 10



W/ch amplifier with electronic volume control; HQ circuitry; MTS/SAP stereo tuner; four-head system; eight-event, one-year on-screen programming; 167-channel cable-compatible tuner; 99 station presets; wireless remote control with direct access; variable slow motion; programmable from remote; child lock system; comb filter for high-definition picture; four video heads; auto power-on, rewind, editing. . . \$779

VS-75U-B. Similar to above, but lacks Dolby Surround and built-in amplifier . . . \$679

VS-55U-B VHS VCR

HQ picture enhancement; Quick Start transport; 110-channel cable compatible tuner; universal 104-function remote control; programs eight events over four weeks with on-screen display; variable slow motion; real time counter; auto play; auto rewind. . . \$449

VS-53U-B. Similar to above, but with 54-function remote control; six-event four-week timer. . . \$419

VS-33U-B. Similar to above, but with four-event four-week timer . . . \$399

CANON

VR-HF800 Digital VHS Hi-Fi VCR

Hi-Fi VCR with digital special effects including strobe, mosaic, freeze frame, frame advance, slow motion, strobe, and Digital Art. Features MTS/SAP stereo TV decoder; bar-code programming with scanning pen for eight events over one-month period; on-screen display of programming; remote control with flip-up panels; divides screen into nine segments to show stills from different programs on each tape, or creates strobe effect with sequential images varying from 1/30th to 1 second, or shows stills from nine

different channels simultaneously; picture-in-picture; Index Search for direct access to up to 99 programs at 75x normal speed in SLP or 25x normal speed in SP; double-speed picture playback with sound at normal speed; HQ circuits; four heads; luminance-signal vertical processor; Y/C separation comb filter; linear time-counter; auto power and rewind. Hi-Fi audio dynamic range 90 dB. 16.94 x 13.81 x 4.31 in; 7 lb, 5 oz . . . \$1,199

VR-HF730 VHS Hi-Fi VCR

Tabletop VHS Hi-Fi VCR with digital bar-code timer programming and MTS/SAP decoder for stereo TV broadcasts. Features 99-channel tuner; HQ circuits; four heads; clear slow motion variable from 1/30th to 1/50th normal speed; frame advance; double-speed play; reverse play; auto on, play, eject; power-off eject; edit switch; linear time counter with hours, minutes, and seconds; Index Search; Intro Scan; memory search. Hi-Fi audio dynamic range 90 dB. 16.94 x 13.88 x 3.25 in; 13 lb, 11 oz . . . \$925

EMERSON

VCT120 VHS VCR with Built-in TV

VHS VCR with built-in 10" color TV. VCR features auto power-on/play, rewind, replay, eject, and power-off/eject; automatic play speed selection; still frame; bidirectional high-speed search; 2 video heads. TV has 12 station presets; AC/DC power capability; auto fine tuning; auto color control; auto degaussing; LED channel indicators. 14 x 11.5 x 13.9 in; 39 lb. . . \$660

VCR100 Digital VHS VCR

Digital VHS VCR with 26-key remote control. Digital special effects include strobe, still, slow, speed search; HQ; 110-channel cable-compatible tuner; 21-day/8-event programming; 24-hour programmable recording; 16 channel presets; 3 record speeds; tape memory counter system; electronic digital timer/clock; auto play, rewind, eject; A/V inputs/outputs; tracking control; soft-touch controls; 2 heads. 15 x 3.7 x 14 in; 14.7 lb. . . \$480

VCR953 VHS VCR

VHS VCR with 4 heads. Features 110-channel cable-compatible tuner; special effects include still frame, reverse, search, fast forward, and slow motion; HQ; 4-event/14-day timer; 25-function remote control; one-touch recording; 2 A/V inputs/outputs; electronic digital clock-timer; auto power-on/play; auto rewind; tracking control. 3.7 x 14.1 x 14.1 in; 12.2 lb. . . \$390

VCR875 VHS VCR

VHS VCR with on-screen programming. Features HQ; 110-channel cable-compatible tuning; 4-event/28-day programming; 30-function remote control; 2-speed visual search; special effects include still and bidirectional 2-speed search; one-touch record; electronic digital clock/timer; tracking control; auto power-on/play; auto rewind; A/V inputs/outputs. 3.7 x 14.1 x 14.1 in; 12.2 lb. . . \$360

VCR755 VHS VCR

VHS VCR with 110-channel cable-compatible tuner. Features 4-key programming; 4-event/14-day programming; 24-function remote control; 2-speed visual picture search; HQ; still frame; electronic digital clock/timer; tracking control; automatic playback

speed selection; auto power-on/play; auto rewind. 3.7 x 14.1 x 14.1 in; 12.2 lb. . . \$330

VCP665 Videocassette Player

VHS videocassette player without recording capability. Features front-loading system; auto power-on/play, rewind, replay; automatic playback speed selection; bidirectional visual search; A/V output jacks; still frame. 3.7 x 11.4 x 12.9 in; 12 lb. . . \$280

FISHER

FVH-6600 VHS Hi-Fi VCR

VHS Hi-Fi VCR with 4 double-azimuth video heads. Features 122-channel cable-compatible tuner; MTS decoder; 6-event/21-day on-screen programming;



auto channel scan; frame advance; noiseless slow motion and quick play; repeat; 2-speed picture search; real time counter; 29-function remote control. 17.3 x 3.4 x 13.2 in; 13.9 lb. . . \$499

FVH-6500 VHS VCR

VHS VCR with Dolby stereo. Features 4 double-azimuth video heads; 122-channel cable-compatible tuner; MTS decoder; 6-event/21-day on-screen programming; auto channel scan; frame advance; noiseless slow motion and quick play; repeat; 2-speed picture search; real time counter; 29-function remote control. 17.3 x 3.4 x 13.2 in; 13.9 lb. . . \$449

FVH-6300 VHS VCR

VHS VCR with 4 double-azimuth video heads. Features 122-channel cable-compatible tuner; 6-event/21-day on-screen programming; auto channel scan; frame advance; noiseless slow motion and quick play; repeat; 2-speed picture search; real time counter; 28-function remote control. 14.2 x 3.4 x 13.2 in; 12.4 lb. . . \$349

FVH-6200 VHS VCR

VHS VCR with 2 video heads. Features 122-channel cable-compatible tuner; 6-event/21-day on-screen programming; auto channel scan; quick play; repeat; 2-speed picture search; real time counter; 26-function remote control. 14.2 x 3.4 x 13.2 in; 12.1 lb. . . \$299

GE

VG-7795 Super VHS Hi-Fi VCR

Front loading tabletop Super VHS VCR. Features VHS Hi-Fi sound with dbx noise reduction; MTS/SAP decoder; HQ circuitry; 4-head system; 155-channel frequency synthesized cable-compatible tuner; on-screen display; 8-event/1-month timer; 49-function wireless remote control; one-touch record; time stamp recording; real-time tape counter; VHS Index Search System . . . \$999

VG-7785. As above, lacks Super VHS . . . \$699

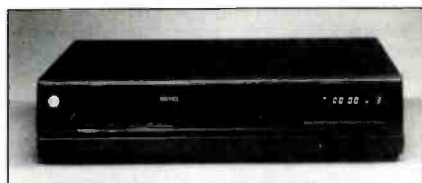
VG-7775. As above, lacks Hi-Fi sound, VHS Index Search System. . . \$599

VG-7720. As above, lacks stereo sound . . . \$399

VIDEOCASSETTE RECORDERS

VG-7575 VHS HQ VCR

Front-loading tabletop VCR with MTS/SAP decoder. Features Dolby noise reduction; 110-channel frequency synthesized cable-compatible tuner; on-screen display; 4-event/1-year timer; remote; one-touch record. 3.56 x 14.88 x 14.19 in; 9.7 lb. \$399



VG-7515. As above, lacks stereo. \$349

VG-7500 VHS HQ VCR

Front-loading tabletop VCR with 110-channel frequency-synthesized cable-compatible tuner. Features wireless remote control; 4-event/14-day timer; one-touch record; video scan and freeze frame. 3.56 x 14.88 x 14 in; 13.45 lb. \$299

GOLDSTAR

GHV-8200M VHS Hi-Fi VCR

Tabletop VHS Hi-Fi VCR with built-in MTS/SAP decoder. Plays and records in SP, LP, and SLP. Features 14-day/8-event timer; remote control; frame advance; remote pause; cable ready; still frame; auto rewind; auto fine tuning; one-touch recording with standby; HQ circuitry; 110-channel tuner with 80 presets; direct-access tuning; battery program backup; simulcast jack. Horizontal resolution 240 lines; video S/N 46 dB; audio frequency response 20-20,000 Hz \pm 3 dB in Hi-Fi mode. 80-8,000 Hz \pm 3 dB normal mode; power requirements 120 V, 28 W. 16.9 x 3.9 x 14 in; 18 lb. \$699

GHV-5210M VHS VCR

Tabletop VHS VCR with built-in stereo MTS/SAP decoder. Features remote control; 110-channel cable-compatible tuner; 8-event, 14-day on-screen programming; MTS/SAP stereo decoder; fast search; still; frame advance; HQ; plays and records in SP, LP, SLP; auto power on, rewind, play, stop, eject. 16.88 x 4.25 x 14.88 in; 22.2 lb. \$649

GHV-1250M VHS VCR

Tabletop VHS VCR with on-screen programming. Features remote control; 110-channel cable-compatible tuner; 8-event, 14-day programming; fast search/still/frame advance; HQ; plays and records in SP, LP, SLP; auto power on, rewind, play, stop, eject. 16.88 x 3.25 x 13.63 in; 15.5 lb. \$549

GHV-1280M VHS VCR

Mid-sized tabletop VHS VCR with on-screen programming. Features remote control; 110-channel cable-compatible tuner; random-access tuning via remote control; eight-event one-year timer; daily and weekly feature; fast search; still; auto power-on and play. 14.9 x 3.9 x 12.5 in; 12.8 lb. \$549

GHV-1265M VHS VCR

Tabletop VHS VCR. Features remote control; 110-channel cable compatible tuner; four-event two-week programming; HQ; plays and records in SP, LP, SLP; Auto power-on, rewind, play. 16.9 x 3.9 x 14 in; 15.6 lb. \$499

GHV-1285M VHS VCR

Mid-sized tabletop VHS VCR. Features 110-channel cable-compatible tuner; eight-event one-year timer; auto power-on, play and rewind. 14.9 x 3.9 x 12.5 in; 12 lb. \$499

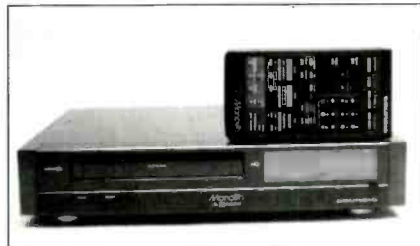
VCP-4206M Videocassette Player

VHS videocassette player without recording capability. Features auto speed select; auto power, play rewind and repeat; fast search; still. 11.4 x 3.5 x 12.9 in; 11 lb. \$349

GRUNDIG

Monolith VS-9500 Digital Hi-Fi VCR

Tabletop VCR with digital special effects: picture-in-picture, slow-motion or freeze-frame; features MTS



decoder for stereo broadcasts; HQ; Hi-Fi; on-screen programming; infrared remote; audio level meter; audio dynamic range 90 dB. \$899

HITACHI

VT-2700A S-VHS Hi-Fi Digital VCR

Tabletop S-VHS VCR with digital special effects including still picture mosaic/painting. Features MTS/SAP decoder; picture-in-picture; multi-channel scan; 12-picture multi-strobe; receives VHF/UHF and 85 cable channels; 8-event/1-year timer; auto play/rewind; one-touch record; VHS video index search; 30-second (commercial) skip. \$1,399

VT-2600A VHS Digital Hi-Fi VCR

Tabletop Hi-Fi VHS with digital circuitry. Features MTS/SAP; strobe display; freeze and store; still; variable-speed slow motion; frame advance; visual search; mosaic and art (paint) effects; preset LED display remote control; provisions for video printer; auto play/repeat; 120-channel cable-ready; 17.13 x 3.25 x 13.75 in. \$850

VT-2500A VHS Hi-Fi VCR

Tabletop VHS Hi-Fi 4-head VCR with MTS/SAP decoder. Features LED programmable wireless remote control; auto play; auto eject; auto repeat; 30-second program skip; auto rewind/shutoff; cable-ready 120-channel frequency-synthesized tuner; on-screen display; HQ circuitry; 17.13 x 3.63 x 14.75. \$750

VT-3050A HQ VHS VCR

Tabletop 4-head VCR with HQ circuitry; 120-channel cable-compatible tuner; 4-event/1-year timer; auto power-on, play; on-screen display; LCD programmable wireless remote control. \$430

VT-3040A HQ VHS VCR

Tabletop 4-head VCR with HQ circuitry; 111-channel cable compatible tuner; 4-event/1-year timer; on-screen display. \$400

VT-3000A HQ VHS VCR

Tabletop 4-head VCR with HQ circuitry; 111-channel cable compatible tuner; 4-event/1-year timer; on-screen display; 23-function wireless remote; auto play/rewind; auto power-off eject. \$320

INSTANT REPLAY

Image Translator VCR's

Videocassette recorders with ability to translate foreign video formats. Plays all PAL video tapes in color including PAL B (Western Europe, India, Africa, Far East, Australia, Scandinavia), PAL N (Argentina, Peru, Paraguay), PAL I (UK, South Africa, Ireland), PAL M (Brazil). Plays SECAM B, G, V (Eastern Europe), SECAM D (Russia), SECAM H (Middle East), SECAM L (France) in monochrome. Plays on most regular television sets or monitors. Features front-loading cassette mechanism; cable-ready 107-channel tuner; 4-event/14-day programmable timer; video peaking sharpness control; four heads; VHS Hi-Fi sound; fast-scan forward and reverse; still frame;

pushbutton electronic tuning; full track/audio track erase; multi-function remote control; one-touch recording; automatic stop; built-in switchable RF modulator for channels 3 and 4; multi-function display.

771T5S, S-VHS multistandard VCR. Features 420 line horizontal resolution; VHS Hi-Fi; digital index and address search; on-screen programming; 183-channel cable-compatible tuner; direct access remote control; only S-VHS VCR that also plays both PAL and NTSC tapes; RF, video and "S" outputs;



optional RGB output; tape economy switch which allows use of regular VHS tapes in S-VHS recording mode with only a slight increase in signal-to-noise ratio. \$1,995

7191T5, Four-head HQ Hi-Fi VCR with "S" color for full bandwidth PAL color playback. Chrominance noise reduction and detail-enhancing circuitry. FM conversion system and Depth Multiplex Recording. Mix Multichannel sound playback (Hi-Fi L/R and normal) FM simulcast recording with extra audio outputs for system compatibility. 107-channel cable-ready tuner. 30-day/8-event timer with on-screen display, automatic power-on and automatic power-off/eject. VHS Index Search System (VISS). Infrared wireless remote control with double-speed playback and special effect slow motion playback. \$1,595

7161T4, Four-head Hi-Fi VCR with High Quality picture enhancement circuitry. Rotating audio heads; Depth Multiplex recording FM simulcast recording; audio level controls; 107-channel cable-compatible tuner; 30-day/8-event programmable timer; infrared wireless remote control. \$1,395

World Traveler VCR

VHS-format VCR plays and records on all world systems in all speeds and operates on all voltages. Features built-in tuners and modulators for PAL BG/PAL 1, NTSC/ME SECAM; Dolby NR; remote control; frame advance; noiseless special effects; remote pause; cable ready; still frame; auto rewind; channel lock; auto fine tuning, one-touch recording; NTSC, PAL or RGB outputs of any standard tapes. Power requirements 100-240 V; 50/60 Hz. \$1,995

528IT3 Portable VHS VCR

Features Dolby stereo; 4-head; dockable; 139-channel tuner; 14-day/8-event timer; variable slow-motion; 26-function remote control. \$1,595

611IT3 VHS VCR with Remote Control

Front loading; 4-event/14-day programmer; 17 function wireless remote control; cable ready, 107-channel tuner; HQ; 2 heads; tape counter memory; tape viewing window; chrome and black cabinet; heads for special effects at SP speed. \$1,075

610IT3. As above without special effects; 15-function remote control. \$859

611CM Closed-Caption VHS VCR

VHS-format VCR with built-in caption decoder for playing "closed captioned" tapes or recording "closed captioned" broadcasts. Features HQ; 4 video heads; 17-function wireless remote control; 110-channel cable-compatible tuner; tape counter memory; auto play, rewind. \$795

610CM Closed-Caption VHS VCR

VHS-format VCR with built-in caption decoder for playing "closed captioned" tapes or recording "closed captioned" broadcasts. Features auto power on; remote control; frame advance; noiseless special effects (EP); cable-ready; still frame; auto rewind; auto fine-tuning; one-touch recording. \$795

VIDEO CASSETTE RECORDERS

620IT2 Portable VHS Player

Front-loading portable AC or 12-volt DC operated video player. Plays all PAL, NTSC, and SECAM speeds; auto rewind and repeat. . . . \$659

JVC

HR-S8000U Digital S-VHS Hi-Fi VCR

S-VHS Hi-Fi VCR with digital special effects. Features HQ: 4 double-azimuth video heads; variable-speed search; LCD programmable remote control; VHS index search; manual mark and erase; 8-event/2-week remote control on-screen programming; 181-channel frequency-synthesized cable-compatible tuner; MTS/SAP stereo decoder; audio dubbing; flying erase head; auto titling; peak-hold audio level indicators; electronic tracking; switchable AC outlet; edit switch; 60-minute timer backup; counter go-to function; shuttle search with latch function; skip search; sharpness control; next-function memory; digital special effects include freeze, strobe, multi-screen freeze, multi-screen strobe, solarization, mosaic, digital zoom, multi-screen intro search, picture-in picture, and multi-screen channel scan. Video section: horizontal resolution >400 lines; S/N 45 dB. Hi-fi audio section: FR 20-20,000 Hz; dynamic range >90 dB; W&F <0.005%. 18.4 x 4.25 x 14.7 in; 18.6 lb. . . . \$1,599

HR-S5000U S-VHS Hi-Fi VCR

S-VHS Hi-Fi VCR with 4 double-azimuth video heads. Features tape-stabilizing head drum; HQ; 8-event/14-day remote control on-screen programming; real-time counter; VHS index search system; intro search; flying erase head; audio dubbing; 155-channel frequency-synthesized cable-compatible



tuner; MTS/SAP stereo decoder; double-speed playback; variable-speed search; noiseless still; frame advance; 5-step slow motion; 10-key TV/VCR unified remote control; skip search; shuttle search; simulcast recording. Horizontal resolution >400 lines; Hi-Fi FR 20-20,000 Hz; Hi-fi dynamic range >90 dB. . . . \$1,299

HR-D750U VHS Hi-Fi VCR

VHS Hi-Fi VCR with on-screen menu. Features 4 double-azimuth video heads; 14-day/4-event remote control on-screen programming; 155-channel frequency-synthesized cable-compatible tuner; MTS/SAP stereo decoder; real-time counter; field still; variable-speed slow motion and search; index search; intro search; skip search; real-time go-to function; next-function control. Video section: horizontal resolution 240 lines; S/N >40 dB. Hi-fi audio section: FR 20-20,000 Hz; dynamic range >90 dB. 16.2 x 3.4 x 13.3 in; 15 lb. . . . \$899

HR-D700U Digital VHS VCR

Digital VHS VCR with LCD programmable remote control. Features 4 video heads; HQ; 121-channel frequency-synthesized cable-compatible tuner; 4-event/14-day remote-control on-screen programming; real-time tape counter with go-to function; VHS index search system; intro search; digital special effects include picture-in-picture, freeze, strobe, solarization, mosaic, and slow motion; next-function control; variable-speed search; zero-frame editing. Video section: horizontal resolution 240 lines; S/N 45 dB. Audio section: S/N >40 dB; FR 70-10,000 Hz. 17.2 x 3.4 x 13.3 in; 15.7 lb. . . . \$729

HR-D440U VHS VCR

VHS VCR with HQ. Features 4 double-azimuth

video heads; noiseless field-still and 2-speed slow motion; 121-channel frequency-synthesized cable-compatible tuner; unified VCR/TV remote control; 4-event/14-day remote-control on-screen programming; variable-speed search; real-time counter with go-to function; intro search; skip search. Video section: horizontal resolution 240 lines; S/N 45 dB. Audio section: FR 70-10,000 Hz; S/N >40 dB. 17.2 x 3.4 x 13.25 in; 13.5 lb. . . . \$579

HR-D410U VHS VCR

VHS VCR with LCD remote control. Features HQ; 121-channel frequency-synthesized cable-compatible tuner; 3 double-azimuth video heads; 4-event/14-day remote-control on-screen programming; VHS index search system; shuttle search; one-button instant timer record; intro search; skip search; slow motion; next-function control; zero-frame editing; real-time tape counter with go-to function; FL display. Video section: horizontal resolution 240 lines; S/N >45 dB. Audio section: FR 70-10,000 Hz; S/N >40 dB. 14.2 x 3.75 x 13.2 in; 13 lb. . . . \$529

HR-D400U VHS VCR

VHS VCR with HQ. Features 3 double-azimuth video heads; 121-channel cable-compatible tuner; 4-event/14-day frequency-synthesized remote-control on-screen programming; VHS index search system; intro search; skip search; shuttle search with latch function; one-button timer record; zero-frame editing; next-function control; slow motion; real-time counter with go-to function. Video section: horizontal resolution 240 lines; S/N 45 dB. Audio section: FR 70-10,000 Hz; S/N >40 dB. 17.2 x 3.4 x 13.25 in; 13.5 lb. . . . \$499

HR-D310U VHS VCR

VHS VCR with HQ. Features 10-key random-access remote control; 110-channel frequency-synthesized cable-compatible tuner; on-screen displays; 4-event/14-day on-screen programming; pause; index search; skip search; VHS index search system. Video section: horizontal resolution 240 lines; S/N 45 dB. Audio section: FR 70-10,000 Hz; S/N >40 dB. 17.2 x 3.75 x 13.4 in; 15 lb. . . . \$449

KENWOOD

KV-D957S S-VHS Digital Hi-Fi VCR

S-VHS Hi-Fi VCR with Kenwood VHS-HQ. Features 140-channel cable-compatible PLL frequency-synthesized tuner; MTS stereo decoder; Digital Drop Out Compensator (DDOP); 21-day/8-event programming; on-screen display; one-touch record; digital special effects include strobe action, slow motion, and picture memory; real-time counter; search; video index scan; quick view; auto power-on, play, and rewind; 1-hour memory backup; remote control. . . . \$1,199

KV-D947HF VHS Hi-Fi VCR

VHS VCR with double-azimuth 4 video heads. Features 181-channel cable-compatible tuner; MTS/SAP; 8-event/14-day on-screen programming;



HQ-Pro; digital special effects include multi-screen display, 5-position zoom, solarization, mosaic, and 3-speed strobe; remote control; music scan; direct-access tuning; assemble editing; index search; tape-remaining indicator. . . . \$1,050

KV-956 VHS Hi-Fi VCR

VHS Hi-Fi VCR with 4 video heads. Features picture-in-picture; 140-channel cable-compatible tuner; MTS/SAP; on-screen programming; remote

control. Video section: S/N >43 dB; horizontal resolution >240 lines. Audio section: FR 20-20,000 Hz; dynamic range >90 dB; ch sep >60 dB. . . \$950

MAGNAVOX

VR9780AT VHS Hi-Fi Digital VCR

Tabletop S-VHS Hi-Fi digital VCR. Features 54-function infrared remote control; 155-channel cable-compatible tuner; one-month, 8-event bar-code programming; MTS/SAP stereo decoder; digital special effects include picture-in-picture, strobe



multi-strobe, fast search, slow motion, freeze frame, TV still; HQ; audio dubbing; auto scanning with channel memory; auto index search; video address search system; 4 video/2 audio heads. . . . \$1,400

VR9770AT VHS Hi-Fi VCR

Tabletop S-VHS Hi-Fi VCR. Features 45-function infrared remote control; 8-event/one-month on-screen programming; MTS/SAP stereo decoder; HQ; audio dubbing; auto scan; auto index search; video address search system; tape-remainder indicator; memory backup system; double line slow motion; 4 video/2 audio heads. . . . \$1,000

VR9760AT VHS Hi-Fi VCR

Tabletop VHS Hi-Fi VCR with special effects. Features 44-function remote control; 4 video, 2 audio head system; 155-channel cable-compatible tuner; 8-event/one-month remote control on-screen programming; MTS/SAP stereo decoder. . . . \$700

VR9750AT VHS VCR

Tabletop VHS VCR with stereo sound. Features remote control; 4 video heads; 155-channel cable-compatible random-access frequency-synthesized tuner; 8-event/one-month on-screen programming; MTS/SAP stereo decoder; Dolby B NR; auto scan tuning; auto eject. . . . \$600

VR9745AT VHS Digital VCR

Tabletop VHS digital VCR with special effects capability. Features 45-function remote control; 4 video heads; 155-channel cable-compatible tuner; 8-event/one-month on-screen bar code programming; digital special effects include picture-in-picture, fast search at 17-times normal speed, slow motion, freeze frame; HQ. . . . \$550

MINOLTA

MV-16S S-VHS Hi-Fi Digital VCR

Tabletop S-VHS Hi-Fi VCR with digital special effects. Features S-VHS: >400 lines horizontal resolution; 12-frame multi-screen; picture-in-picture; stroboscopic playback; frame memory; artistic effects; variable-speed playback digital special effects; HQ; hi-fi sound; VHS index search system (VISS); 8-event/12-month remote-control on-screen programming; 167-channel cable-compatible tuner; MTS/SAP stereo decoder. 17.1 x 3.6 x 14.8 in; 17.6 lb. . . . \$1,530

MITSUBISHI

HS-U80 S-VHS Digital Hi-Fi VCR

S-VHS VCR with 4 video heads. Features flying erase head; VHS-HQ; 181-channel cable-compatible tuner; MTS/SAP; 8-event/4-week remote-controllable on-screen programming; digital special effects include picture-in-picture, freeze frame, slow motion, strobe; skip search; time search; insert edit; real-time counter; remaining time counter; auto power-on/

Who knows where the movies you're renting have been?



It's not your dealer's fault. He does everything he can to ensure the movies you rent are clean. But every now and then one slips into the wrong hands.

Horror of horrors. Someone with a dirty VCR. The movie picks up dirt from their machine and deposits it in yours.

Our video head cleaner can't prevent this. But it can provide the cure. It cleans your video heads with the most effective cleaning tape you can buy.

Your movies look better. Sound better. And your VCR performs exactly as it should.

Ask your dealer for our Wet Video Head Cleaner.

After all, considering the number of times most movies have been around the block, a little protection never hurts.



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CIRCLE NO. 5 ON READER SERVICE CARD

VIDEO CASSETTE RECORDERS

play, repeat, rewind, power-off/eject; remote control. \$1,699

HS-U70 S-VHS Hi-Fi VCR

S-VHS Hi-Fi VCR with 4 video heads. Features VHS-HQ; CCD noise reduction; dual-output circuit; edit switch; video mute; special effects include still and variable slow motion; 8-event/4-week on-screen programming; one-touch recording; 30-minute battery



backup; real-time counter; auto power-on/play, repeat, rewind, and power-off/eject; MTS/SAP; mic input; headphone jack with adjustable level . . . \$999

HS-U50 VHS Hi-Fi VCR

VHS Hi-Fi VCR with 4 video heads. Features VHS-HQ; MTS; 155-channel cable-compatible tuner; 19-position index search; skip search; time search; 6-event/4-week on-screen programming; one-touch record; off-timer; twin-digital auto-tracking; remote control. \$549

HS-U30 VHS VCR

VHS VCR with 4 video heads. Features VHS-HQ; twin-digital auto-tracking; video mute; 181-channel cable-compatible tuner; 8-event/4-week programming; one-touch record; off-timer; 5-minute battery



backup; skip search; time search; variable slow motion; still-frame; real-time counter; auto power-on/play, repeat, rewind, power-off/eject; remote control. \$429

HS-U20 VHS VCR

VHS VCR with HQ. Features twin-digital auto-tracking; 155-channel cable-compatible tuner; 6-event/4-week on-screen programming; one-touch record; off-timer; 5-minute battery backup; skip search; time search; 19-position index search; frame advance; still-frame; remote control. \$379

MONTGOMERY WARD

JSJ10616/7 VHS VCR

Tabletop VHS VCR with 4 video heads. Features on-screen programming; 43-function remote control; 140-channel cable-compatible tuner; 6-event/14-day timer; slow motion, freeze frame, frame advance; one-touch record; HQ; auto power on, rewind, and play. \$319

JSJ10614/5 VHS VCR

Tabletop VHS VCR with 38-function remote control. Features 111-channel cable-compatible tuner; 2 video heads; 4-event/14-day on-screen programming; freeze frame; one-touch record; HQ; auto power on, rewind, play. \$279

JSJ10612/3 VHS VCR

Tabletop VHS VCR with 37-function remote control. Features 111-channel cable-compatible tuner; 2 video heads; 4-event/14-day programming; freeze frame; one-touch record; HQ; auto power on, rewind, play. \$239

NEC

DS8000U S-VHS Hi-Fi VCR

Super VHS VCR with digital noise reduction. Features remote control; 140-channel cable-compatible

tuner; 8-event/21-day on-screen programming; MTS/SAP stereo decoder; digital special effects include strobe action, still, natural slow motion, and picture memory; HQ; plays and records in SP, SLP; VHS index search; one-touch record; auto power on, play, rewind, power-on eject; jet search; double search; hyper-speed search. Audio FR 20-20,000 Hz;



audio dynamic range >90 dB; 16.3 x 4 x 14.75 in; 19.2 lb. \$1,499

DX-5000 VHS Hi-Fi Digital VCR

Table-model VHS VCR with digital noise reduction. Features remote control; 4 video head ExacTrac; 140-channel cable-compatible tuner; 8-event/21-day on-screen programming; MTS/SAP stereo decoder; digital special effects include live action freeze, fast search, slow motion, freeze frame; HQ; plays and records in SP, LP, SLP; auto power on, rewind, play, stop, eject; linear Dolby stereo sound; index search; reverse play; digital drop-out compensator. . . \$1,349

DX-3500U Digital VHS Hi-Fi VCR

VHS Hi-Fi VCR with linear stereo and Dolby NR. Features 4 video head ExacTrac; 140-channel cable-compatible tuner; 8-event/21-day on-screen remote-programmable timer; MTS/SAP stereo decoder; digital special effects include picture memory, strobe, stop action, slow motion, picture search; HQ; plays



and records in SP, LP, and SLP; auto power on; auto power-off eject; VHS index search; remote control. Audio FR 20-20,000 Hz; audio dynamic range >90 dB; audio ch sep >60 dB. \$1,149

DX-2500U Digital VHS Hi-Fi VCR

VHS Hi-Fi VCR with digital video noise reduction. Features 140-channel cable-compatible tuner; 8-event/21-day on-screen remote-programmable timer; MTS/SAP stereo decoder; digital special effects include picture memory, strobe play, slow motion, and picture search; HQ; plays and records in SP, LP, SLP; auto power on; auto power-off eject; remote control. Audio FR 20-20,000 Hz; audio dynamic range >90 dB; audio ch sep >60 dB. \$999

N968U VHS Hi-Fi VCR

VHS Hi-Fi VCR with 4 video head ExacTrac. Features Custom Programming with memory; cue/review search; real-time counter; variable slow motion; jet search; 4-event/21-day programming; 110-channel cable-compatible tuner; HQ; MTS/SAP stereo decoder; remote control. \$899

N958U. As above, 2 video heads, 4-event/14-day programming. \$699

N928U VHS VCR

VHS VCR with 4 video head ExacTrac. Features 110-channel cable-compatible tuner; 4-event/14-day on-screen programming; HQ; remote control; picture search; auto power-on/play; auto power-off eject; auto rewind; multi-function FL display; segment recording; digital servo control system. 17 x 4 x 14.75 in; 15.9 lb. \$529

PANASONIC

PV-4768 VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with built-in power amplifier. Features remote control; 4 video heads; 155-channel cable-compatible tuner; 8-event 21-day on-screen programming; MTS/SAP stereo decoder; fast search at 25 and 75 times normal speed in 2 modes, slow motion in 2 modes, freeze frame, frame advance; one-touch record; HQ; plays and records in SP, SLP; auto power on, rewind, play, stop, eject; comb filter; audio dubbing; headphone jack; hi-fi frequency response 20-20,000 Hz ± 3 dB; 4 x 16.94 x 15.19; 20.1 lb. \$1,000

PV-S4864 S-VHS VCR

4-head VCR with HQ circuitry. Features high resolution picture; 155-channel digital quartz tuner with auto set; MTS/SAP; VHS Hi-Fi stereo; bar-code programming; on-screen display programming with auto prompter; 1 month/8 event timer; standby; one-touch recording; on-screen function/confirmation display; VHS index search system; 44-function remote control. \$950

PV-4860. Same as S4864 (above) without bar-code programming, S-VHS, confirmation display. . . \$630

PV-2850 Stereo VCR

VHS VCR with HQ 2-head system. Features MTS/SAP; 155-channel digital quartz tuner with auto set; linear stereo/Dolby NR; on-screen display programming with auto prompter; 1 month/4 event timer with standby OTR; on-screen display; 38-function remote control with direct access. . . . \$450

PV-2822 VHS VCR

2-head HQ VCR with bar-code programming. Features MTS/SAP; 155-channel digital quartz tuner with auto set; on-screen display programming with auto prompter; 1 month/8 event timer with standby OTR; on-screen function/confirmation display; 38-function remote control with direct access. . . . \$420

PV-4800 HQ VCR

HQ circuitry 4-head VCR. Features double slow motion; 155-channel digital quartz tuner with auto set; on-screen display programming with auto prompter; 1 month/4 event timer with standby OTR; on-screen function display; 43-function remote control. \$400

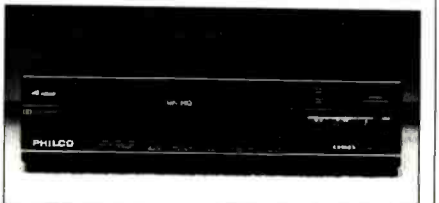
PV-2800B VHS VCR

2-head HQ VCR with 38-function remote control; Features 155-channel digital quartz tuner with auto set; on-screen display programming with auto prompter; 1 month/2 event timer with standby OTR; on-screen function display; available in black, gray, rose, white. \$350

PHILCO

VF3045AT VHS Stereo VCR

Tabletop VHS stereo VCR with one month 4-event on-screen programming. Features 4 video head



system; x21 latching search with special effects; auto scan tuning; one-touch record with standby; Dolby B NR \$500

VT3040AT VHS VCR

Table VHS VCR with 4 video-head system. Features remote, one-month/4-event on-screen programming; on-screen function displays; x21 latching search with special effects; x2 play in SP, SLP modes. \$500

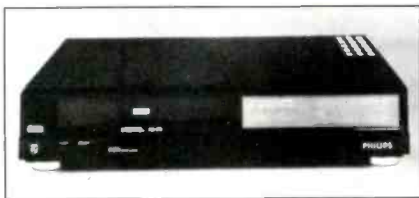
VT3020AT VHS VCR

Table VHS VCR with 2 video-head system. Features remote on-screen display; one-month/2-event programming; x21 latching search; one-touch record; blue background/auto mute. \$400

PHILIPS

VR6885 S-VHS Hi-Fi VCR

Tabletop S-VHS Hi-Fi VCR with bar-code programming. Features 57-function remote control; PIP; 4 video heads; 8-event/30-day on-screen programming; MTS/SAP stereo decoder; digital special effects include still frame, video index search; TV still;



multi-still-slow and channel search in 4, 9, and 16 frames; variable slow, x2 play; fast search at 21 times normal speed in SLP mode; one-touch record; HQ; plays and records in SP and SLP; auto eject; auto power off; play, stop, eject. \$1,499

VR6785 VHS Hi-Fi VCR

Tabletop S-VHS Hi-Fi with bar-code programming. Features VHS index search and address search; latching search forward/reverse; x2 play; still frame; frame advance; variable slow; time stamp; edit switch; one-touch record; standby; wireless remote control; 8-event/21-day remote control on-screen programming \$1,299

VR6485 VHS VCR

Tabletop VHS with index search. Features intro scan; latching searches; still frame; frame advance; slow motion; double-speed play; 33-function remote control. \$499

PORTAVIDEO

VP-7700 Portable VHS VCP/TV

VHS-format play-only portable videocassette player with integrated 5" color TV. Features SP play speed; frame advance; still frame; auto rewind; soft eject; soft-touch microprocessor controls; built-in RF modulator; audio/video outputs; includes carrying case. 22 x 6 x 16 in; 29 lb. \$500

VP-3100 Portable VHS VCP

VHS-format portable videocassette play-only machine. Features noiseless special effects; video dubbing; still frame; auto rewind; channel lock; audio dub; tape counter and reset button; soft eject mechanism; dew and power indicator lamps; soft-touch controls; video and audio outputs. Includes tamper-proof carrying case. Horizontal resolution 240 lines; video signal-to-noise 43 dB; audio FR 100-10,000 Hz; audio signal-to-noise 40 dB in normal mode; power requirements 120 V AC, 60 Hz \$250

QUASAR

VH5985 S-VHS Hi-Fi VCR

Super-VHS VCR with bar-code programming and Hi-Fi stereo sound. Features 4 video heads; HQ; built-in MTS/SAP decoder; 155-channel quartz tun-

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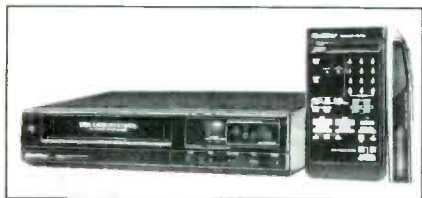
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VIDEO CASSETTE RECORDERS

er. 1-year/8-event on-screen timer; VHS Index Search System; real time counter; high-speed picture search; CCD digital filter; auto power-on, play,



rewind, eject; direct drive cylinder and capstan motors. 3.25 x 15.38 x 11.63 in. \$1,100
VH5685. As above, lacks S-VHS \$680
VH5485. As above, lacks bar-code programming \$540

VH5488 VHS VCR with Dolby Stereo

VHS VCR with bar-code programming and Dolby Stereo sound. Features four video heads; HQ; built-in MTS/SAP decoder; 155-channel quartz tuner; 1-month/8-event on-screen timer; VISS; real time counter; high-speed picture search; CCD digital filter; auto power-on, play, rewind, eject; direct drive cylinder and capstan drive motors. 3.25 x 15.38 x 11.63 in. \$590

VH5388 VHS VCR with Dolby Stereo

VHS VCR with Dolby Stereo sound. Features compact design, 3 video heads; HQ; 155-channel quartz tuner; 1-month/4-event on-screen timer; CCD digital filter; auto power-on, play, rewind, eject; direct drive cylinder and capstan drive motors. 3.25 x 12.63 x 11.63 in. \$470

VH5381 VHS VCR

VHS VCR with bar-code programming. Features 3 video heads; HQ; 155-channel quartz tuner; 1-month/8-event on-screen timer; VISS; real time counter; CCD digital filter; auto power-on, play, rewind, eject; direct drive cylinder and capstan drive motors. 3.25 x 15.38 x 11.63 in. \$450

VH5480 VHS VCR

VHS VCR with compact cabinet. Features four video heads; HQ; 155-channel quartz tuner; 1-month/4-event on-screen programming; CCD digital filter; auto power-on, play, rewind, eject; direct-drive cylinder and capstan drive motors. 3.25 x 15.38 x 11.63 in. \$380
VH5380. As above with 3 video heads. \$370
VH5280. As above with 2 video heads. \$330

RCA

VR695HF Digital S-VHS Hi-Fi VCR

Super VHS Hi-Fi VCR with 167-channel cable-compatible tuner. Features MTS/SAP stereo decoder; simulcast recording; wireless remote control; video and audio dubbing; 4 double-azimuth video heads; master tracking control; on-screen tape timer; 8-hour recording time; 8-event/1-year remote-controllable on-screen programming; digital special effects include picture-in-picture, multi-pix, freeze/recall, posterization/mosaic; headphone jack; auto power-on, play, eject, rewind, shutoff; auto programming tuner; AC outlet. 3.9 x 14.6 x 14 in; 16.3 lb \$1,299

VR640HF S-VHS Hi-Fi VCR

S-VHS Hi-Fi VCR with MTS/SAP stereo decoder. Features simulcast recording; VHS index search



system; field-still video system; 4 double-azimuth video heads; 8-event/1-year remote-controllable on-screen programming; wireless remote; master tracking control; 140-channel cable-compatible tuner; 8-hour recording time; auto power-on/play, rewind, power-off/eject; headphone jack. 3.9 x 14.6 x 14.6 in; 15.6 lb \$999

Dimensia VPT640HF S-VHS Hi-Fi VCR

Tabletop Super VHS Hi-Fi VCR with Dimensia interactive A/V system-remote compatibility. Features Dimensia system-remote compatibility; 3 video heads; 120-channel cable-compatible tuner; 6-event/1-year remote on-screen programming; MTS/SAP stereo decoder; on-screen display; 2-speed visible picture search; slow motion; freeze frame; frame advance; delayed-start one-touch record; HQ; plays and records in SP, LP, SLP; auto power-on, rewind-power off, play, stop; record-level meters; left and right input-level controls; headphone jack. Horizontal resolution 400 lines; hi-fi FR 20-20,000 Hz \pm 3 dB; hi-fi dynamic range > 80 dB. 14.6 x 3.9 x 14 in; 14.5 lb \$899

VR630HF VHS Hi-Fi VCR

VHS Hi-Fi VCR with MTS/SAP stereo decoder. Features field-still video system; 4 double-azimuth video heads; 6-event/1-year remote-controllable on-screen programming; wireless remote; master tracking control; 140-channel cable-compatible tuner; 8-hour recording time; auto power-on/play, rewind, power-off/eject; headphone jack. 3.25 x 14.75 x 14.5 in; 13.6 lb \$699

VR595 VHS VCR

VHS VCR with digital multi-pix special effects. Features Dolby stereo; MTS/SAP stereo decoder; simulcast recording; field-still special effects; 4 double-azimuth video heads; 6-event/1-year on-screen programming; master tracking control; 120-channel cable-compatible tuner; 8-hour recording time; HQ; auto rewind, shutoff, power-on/play, power-off/eject. 3.25 x 14.75 x 14.5 in; 13.6 lb \$699

VR475 VHS VCR

VHS VCR with Dolby stereo. Features MTS/SAP stereo decoder; simulcast recording; field-still video system; 4 double-azimuth video heads; 6-event/1-year remote-controllable on-screen programming; 120-channel cable-compatible tuner; master tracking control; HQ; auto rewind, shutoff, power-on, play, eject. 3.25 x 14.75 x 14.5; 13.2 lb \$599

VR470 VHS VCR

VHS VCR with 4 double-azimuth video heads. Features field-still video system; 6-event/1-year remote-controllable on-screen programming; 120-channel cable-compatible tuner; auto programming timer; master tracking control; 8-hour recording time; HQ; auto rewind, shutoff, power-on, play, eject. \$499

VR450 VHS VCR

VHS VCR with 110-channel cable-compatible tuner. Features 4-event/1-year remote-control on-screen programming; 8-hour recording time; auto programming; timer; remote control; HQ; master tracking control; auto rewind, shutoff, power-on, play, eject. 4 x 14.6 x 10.5 in; 11 lb \$399

VR285 VHS VCR

VHS VCR with Dolby stereo. Features MTS/SAP stereo decoder; simulcast recording 4-event/1-year on-screen programming; wireless remote control; 110-channel cable-compatible tuner; 8-hour recording time; auto programming tuner; HQ; search/stop action; autorewind, shutoff, power-on, play, eject. 3.6 x 15.4 x 14.9 in; 13.6 lb \$399

VR280 VHS VCR

VHS VCR with 110-channel cable-compatible tuner. Features 4-event/1-year remote-controllable on-screen programming; HQ; auto programming tuner;

2-speed search/stop action; 8-hour recording time; auto rewind, shutoff, power-on, play, eject. 3.6 x 15.4 x 14.9 in; 13.2 lb \$349
VR275. As above with Dolby stereo \$399

VR250 VHS VCR

VHS VCR with HQ. Features wireless remote control; 4-event/2-week timer; LF displays; 110-channel cable-compatible tuner; 8-hour recording time; search/stop action; auto rewind, shutoff, power-on, play, eject. 3.75 x 15 x 13.5 in; 13.2 lb. . \$299

REALISTIC

Model 44 VHS Hi-Fi VCR

Tabletop VHS Hi-Fi VCR with on-screen programming. Features 38-function remote control; 122-channel cable-compatible tuner; 1-year/6-event timer; MTS/SAP stereo decoder; fast search; slow motion; freeze frame; one-touch recording; HQ; plays and records in SP, LP, SLP; auto power on, rewind, play, stop, eject. 3.75 x 17.5 x 17 in \$600

Model 71 VHS VCR

Tabletop VHS VCR with on-screen programming and special effects. Features remote control; four video heads; 122-channel cable-compatible tuner; 1-year/6-event with on-screen programming; digital special effects include picture-in-picture and video memory; fast search; slow motion; freeze frame; frame advance; HQ; plays and records in SP, LP, SLP; auto power on, rewind, play, stop, eject; comb filter. 3.5 x 17.5 x 13.5 in. \$500

Model 72 VHS VCR

Tabletop VHS VCR with 9-screen channel search and digital special effects. Features remote control; 110-channel cable-compatible tuning; HQ, one-touch



record; fast search; slow motion; freeze frame; frame advance; plays and records in SP, LP and SLP; auto power-on, rewind, play, stop, eject; comb filter. 3.75 x 17.25 x 13.75 in \$500

Model 34 VHS VCR

Tabletop VHS VCR with Dolby stereo. Features remote control; 111-channel cable-compatible tuner; 14-day/6-event timer with on-screen programming; fast search; slow motion; freeze frame; one-touch recording; HQ; plays and records in SP, LP, SLP; auto power on, rewind, play, stop, eject; 5-step audio level meter. 3.75 x 16.75 x 12.5 in \$450

Model 25 VHS VCR

Tabletop VHS VCR with on-screen programming. Features remote control; 122-channel cable-compatible tuner; 1-year/6-event timer; fast search; slow motion; freeze frame; frame advance; HQ; one touch record; 3.5 x 17.5 x 13.5 in \$400

Model 21 VHS VCR

Tabletop VHS VCR with on-screen programming. Features remote control; 110-channel cable-compatible tuner; 14-day/6-event timer; HQ; one-touch record; auto eject, rewind \$350

Model 26 VHS VCR

Tabletop VHS VCR with on-screen programming. Features remote control; 110-channel cable-compatible tuner; 14-day/4-event timer; HQ; one-touch record; auto rewind. 3.5 x 15.25 x 13.25 in . . . \$270

Model 10 VHS Cassette Player

Videocassette player without recording capability.

Features automatic tape speed selection; selectable automatic rewind/shutoff or rewind/replay; forward/reverse picture search; carrying handle; audio/video outputs \$200

SAMSUNG

VR7500F VHS Hi-Fi VCR

VHS Hi-Fi VCR with 110-channel frequency-synthesized tuner. Features HQ; MTS/SAP stereo decoder; 20-key/23-function wireless remote control; auto power-on, play, and rewind; 4-event/14-day programming; 3-speed picture search; one-touch record;



audio/video input/output; 3-speed record and playback; electronic counter/timer; front-loading. 240 lines horizontal resolution. Audio: FR 20-20,000 Hz; dynamic range >80 dB; wow and flutter <0.005%; ch sep >60 dB. 16.5 x 3.7 x 13.75 in; 15.5 lb. \$650

VR4520 VHS VCR

VHS VCR with HQ. Features 110-channel cable-compatible tuner; 8-event/1-year remote-controllable on-screen programming; 4-video-head double-azimuth system; slow motion; freeze frame; 23-key/26-function remote control; auto power-on, play, rewind/shutoff; jet search; auto channel programming; 3-speed record/play; electronic counter/timer; electronic display; sharpness; audio/video input/output. Audio S/N >40 dB. Horizontal resolution 240 lines. 16.5 x 3.7 x 13.6 in; 18.1 lb. \$550

VR5620L VHS VCR

VHS VCR with jet search. Features 110-channel cable-compatible tuner; HQ; MTS/SAP stereo decoder; Dolby stereo sound; 4-event/1-year remote controllable on-screen programming; 23-key/26-function wireless remote control; auto channel programming; auto power-on, play, rewind, shutoff; one-touch record; 3-speed record and play; sharpness control; audio/video inputs and outputs. Audio S/N >40 dB. Horizontal resolution 240 lines. 15 x 3.4 x 13.6 in. \$460

VR2670 VHS VCR

VHS VCR with jet search. Features 110-channel cable-compatible tuner; HQ; 4-event/1-year on-screen programming; one-touch record; 3-speed record/playback; 23-key/26-function infrared wireless remote control; auto power-on, play, rewind/shutoff; audio/video input and output jacks; auto channel programming. Audio signal-to-noise ratio >40 dB. Horizontal resolution 240 lines. 15 x 3.4 x 13.6 in; 17.25 lb. \$400

VR2640 VHS VCR

VHS VCR with 110-channel cable-compatible tuner. Features 20-key/23-function wireless remote control; audio/video input and output; multi-function electronic display; 3-speed record/play; 4-event/14-day programming; one-touch record; sharpness control. Video signal-to-noise ratio >40 dB. 15 x 3.44 x 13.6 in; 17.25 lb. \$350

SANYO

VHR8700 S-VHS Hi-Fi VCR

Tabletop S-VHS Hi-Fi VCR with digital memory sound. Features outputs for chrominance and luminance; automatic program search; MTS/dbx stereo decoder; 4-head double azimuth special effects; 140-channel cable-compatible tuner; 14-day/4-event programming; on-screen display; quick-play mode; cue and review picture search in SP and SLP; memory rewind; tape remainder display; auto power-on, playback, rewind, and power-off/eject \$1,299

VHR3950 VHS Digital Hi-Fi VCR

Tabletop VHS Hi-Fi VCR with digital special effects. Features remote control; 4 video heads; 111-channel cable-compatible tuner; 4-event 14-day on-screen programming; MTS/SAP stereo decoder; digital special effects include picture-in-picture, mosaic, solarization, multi-still and -strobe; slow motion, freeze frame, frame advance; one-touch record; HQ; plays and records in SP, LP, SLP speeds; auto power on, rewind, play, stop, eject; channel lock; record-level meters; left and right input-level controls. Video S/N >45 dB (SP); hi-h audio dynamic range 90 dB. 17.3 x 3.75 x 15.6 in; 19.6 lb. \$849

VHR9600 VHS Hi-Fi VCR

VHS Hi-Fi VCR with 4-head double-azimuth special effects. Features 122-channel frequency-synthesized tuner; 6-event/21-day remote on-screen programming; special effects include clean pause, still, frame advance, slow motion, quick play; automatic tuner programming; quick-touch record; direct-access tuning; channel scan; MTS/dbx stereo decoder; Digital Memory Sound System (DMSS); repeat; 2-speed cue and review; linear time counter; auto power-on, play, rewind, power-off/eject \$499

VHR9500 VHS Hi-Fi VCR

VHS Hi-Fi VCR with MTS/dbx stereo decoder. Features 6-event/21-day on-screen programming; 122-channel frequency-synthesized tuner; quick timer record; pause-still mode; repeat; 2-speed cue and review; linear timer counter; auto power-on, play, rewind/eject; 27-function remote control \$399
VHR9100. As above, without VHS Hi-Fi or MTS decoder, onscreen programming, 26-function remote \$279

VHR8310 VHS Hi-Fi VCR

Tabletop VHS Hi-Fi VCR with MTS/dbx stereo decoder. Features 122-channel tuner; HQ; 6-event/365-day programming; remote timer programming; on-screen display; quick-touch record; 4-head still and slow-motion playback; quick-play mode; cue and review picture search in SP and SLP; memory rewind; automatic repeat/review; auto power-on, playback, rewind, power-off/eject \$599

VHR9300 VHS VCR

VHS VCR with 4-head double-azimuth special effects. Features 28-function remote control; 122-channel frequency-synthesized tuner; special effects include clean pause, still, frame advance, slow motion, and quick play; automatic tuner programming; direct-access tuning; quick-touch record; linear time counter; channel scan; repeat; 2-speed cue and review; auto power-on, play, rewind/eject \$449

VHR9200 VHS VCR

VHS VCR with 26-function remote control. Features



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VIDEOCASSETTE RECORDERS

122-channel frequency-synthesized tuner; 21-day/6-event on-screen programming; automatic tuner programming; pause-still mode; direct-access tuning; 2-speed cue and review; linear time counter; quick timer record; quick play; auto power-on, rewind, eject. \$329

SCOTT

SVR-160 VHS HQ VCR

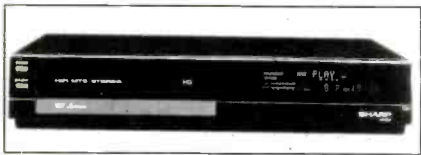
VHS tabletop videocassette recorder with HQ circuitry. Features 4-event/28-day on-screen programming timer; 110-channel cable-compatible frequency-synthesized tuner; 30-function random-access infrared remote control; one touch recording; 2-speed (9x and 21x) visual search and still-frame/pause functions in EP mode; auto power-on, play and rewind at end of tape; AC accessory outlet. 3.7 x 14.1 x 14.1 in. \$400

SVR-122. As above with 4-event/14-day timer; lacks on-screen programming. \$349

SHARP

VC-H857U Stereo Hi-Fi VCR

VHS table-top VCR with MTS/SAP. Features HQ circuitry; 1 year/8-event daily/weekly repeat programmable timer; 169-channel cable-compatible PLL-synthesized tuner; 62-function wireless remote control; auto power on/playback/repeat function;



one-touch recording; 15x search; VHS index search system; still frame; variable slow motion; frame advance; blue screen, noise-elimination system; remote tracking; channel memory; tamper-proof function; on-screen operating functions; 4 heads; auto dimmer; 3.22 x 16.91 x 13.59 in. \$699

VC-M701U VHS Stereo VCR

Table-model VHS VCR with MTS/SAP stereo decoder. Features HQ circuitry; 36-function remote control; 4 heads; 140-channel random access tuner; auto play; 2 speed forward and reverse search; on-screen programming; 4-event fourteen-day, daily/weekly repeat programmable timer; still frame; variable slow motion; frame advance; blue channel noise elimination; 3.66 x 16.92 x 13.58 in. . . . \$600

VC-A601UU. As above except 110 channels, and 35-function remote control; no MTS/SAP \$580

VC-A600U VHS 4-Head HQ VCR

Table-model VHS VCR with 110-channel PLL quartz synthesized tuning, and 10-key random access; auto play; 27-function remote control; 2 speed forward/reverse video search; 14-day/4 event, daily/weekly repeat programmable timer; still frame; variable-speed slow motion; frame advance; recording timer with automatic return function; 3.66 x 16.94 x 13.75 inches \$530

VC-A500U VHS HQ VCR

HQ system with double comb filter, 14-day/4-event timer with daily and weekly repeat recording; 110-channel voltage synthesized tuner; 17-function remote control; 2 speed forward/reverse video search; auto power on/rewind; still frame; variable slow motion; frame advance; one-touch start timer recording; 4 heads; 3.66 x 16.94 x 12.09 in. \$500

VC-2200U VHS HQ VCR

HQ VCR with 110 channel PLL quartz synthesized tuner, and 10-key random access. Features recording timer with auto return; auto playback; 23-function remote control; 14 day/4-event daily/weekly repeat programmable timer; 2-speed forward/reverse search; 3.66 x 16.94 x 13.75 in \$430

SHINTOM

VP-5000N Portable TV/Videocassette Player

Portable 5" monitor/receiver with built-in videocassette player, no recording capability. Player features freeze frame; auto rewind; tape counter. Monitor



features pick up of standard VHF stations and 70 UHF channels; monopole antenna; built-in speaker. Unit comes in hardshell carrying case with integrated handle. 5.94 x 20.03 x 16.25 in; 26.7 lb \$595

VCR-4530N VHS VCR

HQ VCR with PLL frequency-synthesized 110-channel tuner. Features program safety protector; auto on/play/rewind/stop; 14-day/6-event timer; multi-function fluorescent indicator; 28-function remote control; 2 heads; 3.53 x 15.75 x 13 in; 13.33 lb \$320

VCR-3540N Portable VHS Player

Player only. Features picture search; freeze frame; auto power on/rewind/eject/power off; 6-function remote control; 2 heads; hardshell carrying case optional; security wall mount optional; 4.69 x 11.81 x 16 in; 14 lb \$280

3550N. As above without remote control \$260

SONY

EDV-9500 ED Beta Hi-Fi VCR

ED Beta VCR with Hi-Fi sound and editing capability. Features dual flying-erase heads; 5-second pre-roll capability with sync adjustment; ultra-high-band recording; 500 lines horizontal resolution; TSS (Tilted Sendust Sputtered) video heads for metal particle tape; S-video Y/C inputs; digital special effects include freeze-frame, 1/2- and 1/10-times slow motion, flash motion with sound, stop motion with sound, Betascan high-speed picture search, scan at up to 60-times normal speed, frame advance; metal particle tape and new tape stabilizer system; MTS/SAP stereo decoder; 181-channel cable-compatible tuner; 8-event/3-week on-screen programming; clock; 12-segment LED peak level meter with independent slide controls; electronic tab marker system; FM simulcast



recording; PCM switch; headphone jack with adjustable level. Editing features include 8-segment programmable assemble editing, 1-segment audio or video insert editing, and control capability of other Sony VCR's. Jog/Shuttle dial enables variable-speed picture search, bidirectional variable-speed freeze-frame, and bidirectional slow motion from unit or remote. Comes with RMT-164 Unicommander remote control with jog/shuttle dial. Beta Hi-Fi section: dynamic range >90 dB; FR 20-20,000 Hz; w&F <0.005%. Comes with EAC-32 external antenna adaptor; 75 ohm coaxial cable; S-video connector; audio connecting cord. 19.1 x 6 x 17.5 in; 39.5 lb. \$3,300

EDV-7500 ED Beta Hi-Fi VCR

ED Beta VCR with editing capability. Features 500 lines horizontal resolution; 181-channel cable-com-

patible tuner; S-video Y/C inputs/outputs; digital special effects include freeze-frame, slow motion, flash and stop motion with sound, scan search, and recall; flying erase head; shuttle-edit control; synchro-edit switch; 10-key wireless remote control; Beta Hi-Fi sound; MTS/SAP stereo decoder; 6-event/1-week timer; FL display. \$1,950

EV-S800 Digital 8mm PCM VCR

Digital 8mm VCR with PCM sound and four recording heads. Features jog/shuttle dial on unit and RMT-423 Remote Commander; MTS/SAP stereo decoder; linear-skating cassette drawer; cable-compatible frequency-synthesis tuner; 6-event/3-week timer; tape remaining indicator; clock; FL display.



audio dubbing; tab marked index on audio; digital special effects include frame advance, freeze frame, slow motion; 99-audio index search; synchro-edit; flying erase head; edit switch; 2 sets audio/video output connectors; control L and S terminals; PCM audio section; dynamic range >90 dB; \$1,950

SL-HF1000 Super Beta Hi-Fi VCR

Super Beta Hi-Fi VCR with BIs record speed with super hi-band BIs record and play. Features Betascan; BetaSkipScan; electronic tab marker indexing system; MTS/SAP stereo decoder; 181-channel cable-compatible tuner; built-in character generator with 8-page titling memory; automatic A/V insert editing including 8-segment programmable assemble editing, 1-segment audio or video insert editing; 4 double-azimuth heads with dual flying erase heads; pre-roll editing capability with linear time and frame counter; jog/shuttle variable speed search dial on deck and remote; 8-event/3-week on-screen programming; Unicommander wireless remote control with 10-key direct-access; auto play, stop, rewind, power-on, eject. Hi-Fi audio section; dynamic range >80 dB; FR 20-20,000 Hz. 17 x 4.9 x 16.2 in; 30.25 lb. \$1,700

EV-DT1 8mm VCR with Built-In 5" TV

8mm VCR with built-in 5" Trinitron monitor/receiver. VCR features up to 4-hour recording time; ATF (Automatic Track Finding); AFM (Audio Frequency Modulation); flying erase head; 3-event/7-day on-screen programming; freeze-frame; slow motion; frame advance; 2-times fast play with sound; bidirectional high-speed search; AC/DC power supply capability; wake-up and sleep timer; data screen; direct video and audio inputs and outputs; control S input; 12-pin camera connector. TV features high-resolution screen; brightness, hue, and color controls; 10-key wireless remote control; 99-channel cable-compatible tuning; external antenna connector. 6.6 x 9 x 12.1 in; 11.5 lb. \$1,700

GV-8 8mm Video Walkman

Portable 8mm VCR with 3" color viewing screen. Features high-speed picture search; linear time counter; VHF/UHF tuner; telescope antenna; external antenna connector, 1-day/1-event programming; 1-hour sleep timer; built-in high-performance speaker; can be connected to a large TV; A/V input/output; can be used with CCD-G1 video camera; 2-way AC/DC operation. Comes with soft carry case. 5 x 2.5 x 8 in; 2.5 lb. \$1,300

SL-HF860D Digital Super Beta Hi-Fi VCR

Super Beta Hi-Fi VCR with digital special effects. Features BIs playback speed; MTS/SAP stereo decoder; 151-channel cable-compatible tuner; 6-event/7-day programming; special effects include zoom, multi-strobe, mosaic, solarization, posterization, flash and stop motion with sound, and picture-

VIDEO CASSETTE RECORDERS

in-picture: RMT-160 Remote Commander with direct access; editing functions include synchro edit, front-panel A/V input, control S terminal. Micro-Timing phase circuitry, linear time counter; Betascan; BetaSkipScan; auto rewind, eject, power-on/play. Hi-fi audio section: dynamic range >80 dB; FR 20-20,000 Hz; w&F <0.005%. Video S/N >45 dB. 17 x 4 x 16.1 in; 21.2 lb \$1,100

EV-S1 Portable 8mm PCM VCR

Portable 8mm VCR with PCM sound. Features MTS/SAP stereo decoder; hi-band recording with metal tape; freeze-frame; slow motion; 10-key wireless RMT-437 Remote Commander; 152-channel cable-compatible tuner; 3-event/2-week programming; AC/DC power supply capability; ATF (Automatic Track Finding); AFM (Audio Frequency Modulation); theater-sound mode; audio dubbing; flying erase head; edit switch; control S connector. PCM audio section: dynamic range 88 dB; sampling frequency 31.5 kHz; quantization 10-bit sampling. 8-bit nonlinear quantizing; w&F <0.005%. 10.9 x 2.75 x 8.2 in; 5.75 lb \$1,000

SL-HF840D Digital Super Beta Hi-Fi VCR

Super Beta Hi-Fi VCR with digital special effects. Features BIs playback speed; 148-channel cable-compatible tuner; 6-event/1-week programming; special effects include freeze-frame, flash and stop motion with sound, picture art, and recall; editing functions include edit switch, front-panel A/V input, control S terminal, linear time counter; Betascan; BetaSkipScan; auto power-on/play, rewind, eject. Video S/N >45 dB. Hi-fi audio section: dynamic range >80 dB; FR 20-20,000 Hz; w&F <0.005%. 17 x 4 x 15.3 in; 19 lb \$750

SL-HF360 Super Beta Hi-Fi VCR

Super Beta Hi-Fi VCR with Betascan high-speed search. Features BIs playback speed; pause; freeze-frame; color and sharpness switches; 149-channel cable-compatible Express Tuning system; 1-event/1-week timer; linear time counter; counter/clock button; auto rewind, play, power-on, power-on/play, eject; stereo headphone jack with adjustable level; RMT-156 Remote Commander. Video S/N >45 dB. Hi-fi audio section: dynamic range >80 dB; FR 20-20,000 Hz; w&F <0.005%. 17 x 3.75 x 14.6 in; 15.5 lb \$600

SL-330 Super Beta VCR

Super Beta VCR with BIs playback speed. Features 149-channel cable-compatible Express Tuning system; Betascan; pause control; freeze-frame; color and sharpness switches; linear time counter; 1-event/1-week programming; FL multi-display; counter/clock button; A/V input/output; auto rewind, play, power-on, power-on/play, eject. 17 x 3.75 x 14.6 in; 14.8 lb \$450

SL-340 Super Beta VCR

Super Beta VCR with BIs playback speed. Features 149-channel cable-compatible Express Tuning system; Betascan; pause control; freeze-frame; color and sharpness switches; Remote Commander; 1-event/1-week programming; FL display; linear time counter; counter/clock button; A/V input/output; auto rewind, play, power-on, power-on/play, eject. Video S/N >45 dB. Audio S/N >40 dB. 17 x 3.75 x 14.6 in; 14.75 lb \$450

SYLVANIA

VC4070AT VHS Hi-Fi VCR

Tabletop VHS Hi-Fi VCR with on-screen remote programming. Features 45-function remote control; 4 heads; 8-event, one-month programming;

MTS/SAP stereo decoder; latching search 21 times normal speed; video index search system; skip search; one-touch record; time stamp \$699

VC4044AT VHS VCR

Tabletop VHS VCR with bar-code programming. Features 43-function remote control; 4 heads; 4-event, one-month programming; latching search 21 times normal speed; special effects; blue background display; audio mute; on-screen function displays; variable slow and skip search \$549

VC4040AT VHS VCR

Tabletop VHS VCR with special effects. Features 43-function remote control; 4 heads; 4-event, one-month on-screen calendar programming; latching search at 21 times normal speed; skip search; one touch record; auto scan tuning \$499

VC4024AT VHS VCR

Tabletop VHS VCR with bar-code programming. Features one-touch record; one-month/4 event programming; latching search at 21 times normal speed; blue background display; audio mute; on-screen function displays; variable low, skip, and scan functions \$449

VC4020AT VHS VCR

Tabletop VHS VCR with on-screen programming. Features 38-function remote control; 2-event, one-month programming; latching search at 17 times normal speed; blue background display; audio mute; auto scan tuning; one-touch record \$399

VC4010AT VHS VCR

Tabletop VHS VCR with 15-function remote control. Features one-touch record; on-screen function displays; latching search at 21 times normal speed \$299

SYMPHONIC BY FUNAI

8800 Hi-Fi Stereo VHS VCR

Tabletop VHS VCR with Hi-Fi. Features MTS/SAP decoder; 6 heads; HQ circuitry; on-screen display; 32 function infrared remote control; 155-channel cable-compatible tuner; auto power-on, play, rewind, eject; 14-day/6-event timer with weekly setting; one touch record. 3.75 x 17 x 13.44 in; 22 lb \$499
8000. As above, lack hi-fi \$439

7700 VHS VCR with HQ

Tabletop VHS VCR with 4 video heads. Features HQ circuitry; on-screen display; 32 function infrared remote control; 122-channel cable-compatible tuner; auto power-on, play, rewind, eject; 14-day/6-event timer with weekly setting; one-touch record. 3.44 x 16.56 x 12.88 in; 14.3 lb \$429
7400. As above with 2 video heads \$399
7000. As above, lacks on-screen display \$375

6300 VHS VCR

Compact tabletop VHS VCR with HQ circuitry. Features auto power-on, play, rewind, eject; 24 function infrared remote control; 111-channel cable-compatible tuner; one touch record \$355

TEAC

MV-900 VHS Hi-Fi Digital VCR

VHS tabletop VCR with digital-memory and special effects (still frame, Interval Play and Solarization); DA-4 head; SP, EP, LP play and record speeds; remote control with frame advance; cable ready; still frame. 17.4 x 3.75 x 13.25 in; 22.2 lb \$1,200

MV-375 VHS VCR

VHS VCR with HQ with 27-key, 29-function remote control; 111-channel frequency-synthesized cable-compatible tuner; 6-event/14-day on-screen programming; cue/review/still; auto power-on, power-off, play, rewind, eject; 4-digit electronic tape counter with memory. 16.75 x 12.6 x 2.6 in; 15 lb \$399

TEKNIKA

VCR887 VHS Hi-Fi VCR

Tabletop VHS Hi-Fi VCR with HQ. Features 32-function wireless remote control; 4 video heads; 155-channel cable-compatible tuner; 14-day/6-event timer; on-screen display; MTS/SAP decoder; 2-speed forward and reverse search; noise-free still and slow-motion; one-touch record; plays and records in SP, SL and SLP modes; auto play, repeat; sharpness control. 3.75 x 17 x 13.5 in; 15.5 lb \$549
VCR886. As above, lacks hi-fi \$449

VCR882 HQ VHS VCR

Tabletop VHS VCR with HQ. Features 29-function wireless remote control; 2 video heads; 111-channel cable-compatible tuner; 14-day/5-event programming; on-screen display; 2-speed forward and reverse search; one-touch record; plays and records in SP, LP and SLP modes; auto power-on, play, rewind, repeat; sharpness control. 3.56 x 14.94 x 12.38 in; 12.1 lb \$329
VCR881. As above, lacks on-screen display, 14-day/4-event timer \$299

TOSHIBA

SV-970 Digital S-VHS Hi-Fi VCR

S-VHS Hi-Fi VCR with digital special effects. Features 4 double-azimuth video heads; program bank; picture-in-picture. Special effects include freeze frame, multi-still, variable-speed search, channel search, strobe, mosaic, color painting, blue background, zoom; MTS/SAP stereo decoder; full-load system; tape-remaining counter; color graphic on-screen programming; 8-event/14-day timer; index and address search; HQ Pro picture enhancement circuitry; 139-channel frequency-synthesized cable-compatible tuner \$1,600

SV-950 Digital S-VHS Hi-Fi VCR

Digital S-VHS VCR with Hi-Fi sound. Features 139-channel cable-compatible tuner; color on-screen programming with light pen; 4-event/14-day timer;



MTS/SAP stereo decoder; 37-function wireless remote control; Automatic Visual Index; quadrant effect includes multi-still, multi-series, multi-memo; 10-key random access frequency synthesized tuning; HQ Pro picture-enhancement circuitry \$1,500

DX-900 Digital VHS Hi-Fi VCR

Features PCM processor to convert analog audio signal to digital signal configured as video signal; digital video special effects include clear freeze frame in EP and SP, freezing four still frames (from broadcast or tape) and showing them simultaneously, clear slow motion (1/2 speed in reverse); double-speed play; MTS/SAP stereo TV decoder; on-screen programming by touching fiber-optic lightpen to screen; remote control; 139-channel cable-compatible tuner; timer programs four events over fourteen days; HQ Pro picture enhancement circuitry; audio level display; microphone jacks; headphone jack; four heads. Horizontal resolution 240 lines. 17 x 4.5 x 14.75; 22.7 lb \$1,300

DX-800 VHS Hi-Fi VCR

VHS Hi-Fi VCR with digital special effects. Features 4 video heads; MTS/SAP stereo decoder; on-screen programming; 36-function unified remote control; 122-channel frequency-synthesized cable-compatible tuner; 4-event/14-day timer; linear time counter; HQ Pro picture enhancement circuitry; audio level display; headphone jack \$1,000

For explanations of abbreviations, specifications and technical terms, consult the glossary on page 109.

VIDEO CASSETTE RECORDERS

M-7480 VHS VCR

VHS VCR with HQ Pro. Features 122-channel cable-compatible tuner; 4-event/14-day remote-control on-screen programming in color; 4 video heads; full-load system; tape remaining counter; linear time counter; 10-key random access frequency synthesized tuning; 2-speed slow motion; remote control. 15 lb. . . \$700

M-7850 VHS VCR

VHS VCR with HQ Pro. Features 32-function wireless remote control; 4-event/14-day on-screen programming; 122-channel frequency-synthesized cable-compatible tuner with 10-key random access; one-touch timer record; 2-speed picture search; 2-speed slow motion; auto play; remote control. 15.5 . . . \$680

M-9485 VHS Hi-Fi VCR

VHS Hi-Fi VCR with 4 double-azimuth video heads. Features 122-channel cable-compatible frequency-synthesized tuner; MTS/SAP stereo decoder; full-load system; tape remaining counter; color on-screen programming; 4-event/14-day timer; HQ Pro; linear time counter; 10-key random access tuning. . . \$649

M-4285 VHS VCR

VHS VCR with digital picture-in-picture. Features 122-channel cable-compatible tuner; picture-in-picture includes 1/8-screen size, relocate, and swap; full-load system; HQ Pro; tape remaining counter with zero return; linear time counter; 10-key random-access frequency-synthesized tuning; 4-event/14-day programming; 2-speed slow motion . . . \$610

M-3280 VHS VCR

VHS VCR with color on-screen programming. Features 122-channel cable-compatible tuner; 4-event/14-day timer; HQ Pro; tape remaining counter; linear time counter; 10-key random-access frequency synthesized tuning; 2-speed slow motion; auto play; remote control . . . \$550

M-2283 VHS VCR

VHS VCR with 4-event/14-day on-screen programming. Features 122-channel cable-compatible tuner; HQ Pro; 32-function wireless remote control; 10-key random-access frequency-synthesized tuning; elapsed time counter; one-touch record; 2-speed picture search; 2-speed slow motion; sharpness control. . . \$530

M-1283 VHS VCR

VHS VCR with 4-event/14-day programming. Features 122-channel cable-compatible tuner; HQ Pro; 20-function wireless remote control; 10-key random-access frequency-synthesized tuning; elapsed time counter; one-touch timer record; 2-speed picture search; 2-speed slow motion; auto play; sharpness control. . . \$530

M-P200 VHS Hi-Fi Videocassette Player

Player only. Features VHS Hi-Fi; 9-function wireless remote control; audio level meter; HQ Pro with edit



mode; 2-speed picture search; 2-speed slow motion; headphone jack with adjustable level; auto power-on, rewind, and play; picture sharpness control. . . \$399

TOTEVISION

CB-5000 VCP with 5" Color Monitor

VHS videocassette player with 5" color monitor in foam-lined polyethylene carrying case with locking steel latches; operates in case; can be used with AC

adaptor or DC car cord. VCP features auto repeat; picture search in forward and reverse; freeze frame; plays in SP, LP, and SLP. Monitor features sun-screen. 24 lb. \$658

CB7000 VCP with Color Monitor

VHS videocassette player with built-in 5.5" color monitor and carrying handle that also can be used to tilt unit up. Features flat, square picture tube; one-speed (SP) play; auto repeat; freeze frame; volume control; metal case. 15 x 5 x 16.5 in; 20 lb. . . . \$613

GS-500 VHS VCP

Plays in SP, LP, and SLP; auto repeat; auto front loading; auto rewind; picture search in forward and reverse; freeze frame; protects tape from excessive humidity; die-cast aluminum chassis; black finish.

Two-way DC adaptor powers VCP and TV from single cigarette lighter; handle on side \$280

GS-4000. Similar to above but works on AC power only and lacks handle \$261

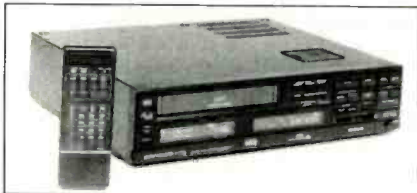
VECTOR RESEARCH

V-6040D VHS Hi-Fi Digital VCR

Tabletop VHS Hi-Fi VCR with digital special effects. Features remote control; video heads; 124-channel cable-compatible tuner; 3-event/28-day on-screen programming; MTS/SAP stereo decoder; digital special effects include fast search, slow motion, freeze frame, frame advance; HQx, (HQ with the addition of a wide band filter circuit); plays and records in SP, LP, SLP. Horizontal resolution >240 lines; video S/N >47 dB; audio FR 20-20,000 Hz ± 2 dB. 3.33 x 16.47 x 14.75 in; 17.6 lb. \$1,099

V-5040 VHS Hi-Fi VCR

VHS tabletop remote-controlled VCR with 28-day, 3-event timer. Features SP, LP, SLP play and record speeds, linear stereo; Dolby NR; frame advance; noiseless special effects; remote pause; still frame;



auto rewind; channel lock; auto fine tuning; one-touch recording; time-remaining display; 4 double-azimuth heads; HQ; 21x picture search; MTS 140-channel cable-compatible tuner with direct access; on-screen programming; audio level controls with level meter; tracking meter; program search. Horizontal resolution 230 lines; video signal-to-noise ratio 47 dB; audio frequency response 20-20,000 Hz ± 3 dB in hi-fi mode; audio distortion 0.5% in hi-fi mode; audio signal-to-noise ratio 90 dB in hi-fi mode; power requirements 120 V AC, 60 Hz, 41 watts. 4 x 17 x 15 in; 18 lb. \$850

YAMAHA

YV-1110S S-VHS Hi-Fi VCR

Hi-Fi Super VHS VCR with 4 + 2 head design. Features PIP; remote control interactive with Yamaha TV models; 21 day/8 event timer; 140 channels; MTS tuner; indexing; on-screen programming \$899

YV-910D VHS Hi-Fi VCR

Picture-in-picture VHS Hi-Fi VCR. Features HQ; 4 + 2 head design; remote control interactive with Yamaha TV models; 21 day/8 event on-screen programming; 140 channels; MTS tuner; indexing. \$749

YV-810D VHS Hi-Fi VCR

VHS Hi-Fi VCR with HQ. Features 4 + 2 head design; remote control interactive with Yamaha TV's; 21 day/8 event timer; on-screen programming; MTS tuner \$649

ZENITH

VRE550HF Super VHS Hi-Fi VCR

Tabletop VHS VCR with Super VHS. Features Hi-Fi stereo sound; MTS/SAP decoder; HQ; 6 heads; 157-channel quartz tuner; unified TV/VCR remote control; 14-day/8-event on-screen programming; World System Teletext decoder; VHS Index Search



System; flying erase head; edit switch; 5 speed slow motion; records in SP and EP modes; plays back in SP, LP and EP modes; auto power-on, play, rewind, eject; horizontal resolution 400 lines (S-VHS); video signal-to-noise ratio >43 dB; hi-fi frequency response 20-20,000 Hz; hi-fi S/N >90 dB (S-VHS). 3.74 x 17.12 x 13 in \$1,150

VRE510HF VHS Hi-Fi VCR

Tabletop VHS VCR with hi-fi stereo sound. Features MTS/SAP decoder; HQ; 6 heads; 157-channel quartz tuner; unified TV/VCR remote control; 14-day/4-event on-screen programming; VISS; 5 speed slow motion; records in SP and EP modes; plays back in SP, LP and EP modes; auto power-on, play, rewind, eject; horizontal resolution 240 lines; video signal-to-noise ratio >43 dB; hi-fi frequency response 20-20,000 Hz; hi-fi S/N >80 dB. 3.34 x 17.12 x 13.03 in. \$600

VRE205 VHS 4-Head VCR

Tabletop VHS VCR with on-screen remote programming. Features 4 video heads; 157-channel quartz tuner; unified TV/VCR remote control; 14-day/4-event on-screen programming; VISS; 5 speed slow motion; records in SP and EP; plays back in SP, LP and EP; auto power-on, play, rewind, eject; horizontal resolution 240 lines; video signal-to-noise ratio >43 dB. Simulated woodgrain finish. 3.74 x 14.17 x 13.07 in. \$400

VRE200. As above, black finish \$400

VRE155 VHS VCR

Tabletop VHS VCR. Features 3 video heads; 157-channel quartz tuner; unified TV/VCR remote; 14-day/4-event timer; VISS; 5 speed slow motion; records in SP and EP, plays back in SP, LP and EP; auto power-on, play, rewind, eject; horizontal resolution 240 lines; video S/N >43 dB. Simulated woodgrain finish. 3.74 x 17.12 x 13.07 in \$350

VRE150. As above, black finish \$350

PRICES LISTED

are manufacturers' suggested retail prices
(also referred to as *list* prices);
actual selling prices are set by individual dealers.
All prices are subject to change without notice.

CAMCORDERS & VIDEO CAMERAS



CANON

F1000S S-VHS Camcorder

S-VHS camcorder with 0.9" electronic viewfinder; 1/2" 360,000-pixel CCD image sensor; 8-80-mm f/1.4 power zoom lens; focus range 3.9 feet; 4 heads; up to six hours recording time in SLP mode; 3 high-speed shutter modes; dual-zone autofocus; full auto white-balance; color balance control; auto exposure with



manual iris control; fade function; auto date/time function; record review; freeze frame; search forward or backward; 120-minute rechargeable battery; AC power adaptor/battery charger; RF adaptor; wired remote controller cord; car battery adaptor; shoulder strap. Minimum light 7 lux; horizontal resolution 400 lines; 5.8 lb without battery pack \$2,400

E708 Canonvision 8mm Camcorder

8mm camcorder with 0.7" electronic viewfinder; 1/2" 360,000-pixel CCD image sensor; 8.5-68mm f/1.4 power zoom lens; focus range 3.9 feet; Digital special effects: still and slow-motion playback, strobe; auto knee circuit improves detail in bright scenes; dual metering patterns; flying erase head; hi-fi sound reproduction; wireless remote controller; built-in audio/video input/output terminals; white balance lock; sepia special effect for antique look; automatic black or white fade; built-in title and auto-date functions; rotating viewfinder for left or right eye use; record review; AC power adaptor/battery charger; RF adaptor; 70-minute rechargeable battery; shoulder strap. Minimum light 7 lux; 3.3 lb without battery pack \$1,800

VM-E2N Canonvision 8 8mm Camcorder

8mm camcorder with 0.7" electronic viewfinder; 1/2" 250,000-pixel CCD image sensor; 8-48-mm f/1.2 power zoom lens; freeze frame; search forward or backward at 5x normal speed; maximum recording time 2 hours; record review; fader; flying erase head; sepia special effect for antique look; auto or manual focus with one-shot mode to lock focus; focus range 3.9 feet; auto white-balance with indoor/outdoor switch; auto exposure with manual iris control; LCD readout with counter and mode display; comes with RU-E2 adaptor for playing tapes on TV, 90-minute rechargeable battery. AC power adaptor, battery coupler, RF adaptor, blank tape, shoulder strap. Minimum light 5 lux; horizontal resolution 330 lines; audio frequency response 30-14,000 Hz. 3 lb. 8 oz without battery \$1,699

E70 Canonvision 8mm camcorder

8mm camcorder with 0.7" electronic viewfinder; 1/2",

270,000-pixel CCD image sensor; 9-54mm f/1.4 power zoom lens; focus range 3.9 feet, macro to 4mm;



flying erase head; hi-fi sound reproduction; timer; record review; high speed shutter; white balance lock; backlight compensation; white fade; AC power adaptor/battery charger; RF adaptor; 45-minute rechargeable battery; shoulder strap. Minimum light 7 lux; 2.4 lb without battery pack \$1,599

VC-50A Pro Color Video Camera

Accu-Vision color video camera with f/1.4 10x power zoom lens with macro. Features 2/3" 6-MHz Super High-Band Saticon tube; 1" monochrome viewfinder (color optional) displays status of fade, filter, auto white balance, light, focus, gain, recording, battery level, counter, and timer; parallax-free active infrared auto focus; focus fade; fade to white or black; record review; VCR recording controlled from camera; negative/positive reversal; external mic jack; auto/manual exposure; detachable electret condenser stereo mic switchable to mono for increased directionality; typewriter-style character generator with seven colors and variable character size and scrolling holds eight pages of text; adjustable grip; rotating eyepiece; date, time, and stopwatch data can be superimposed on tape; interval recording; comes with viewfinder, shoulder strap, and lens cap. Minimum light 10 lux; horizontal resolution >420 lines; video S/N >47 dB. 5 lb. 8 oz \$1,495

CHINON

CV-T80 EZ Movie/Pro VHS Camcorder

VHS camcorder with electronic image stabilization and multi-stage autofocus system. Features HQ; 1/2" CCD pickup for 300 lines horizontal resolution; 2



recording heads; flying erase head; focal zone indicator; one-touch autofocus; audio dubbing; automatic date and time insertion; f/1.6 10:1 2-speed zoom lens with macro; auto iris; built-in backlight compensation; 15-lux min illumination; index and address search; built-in edit switch; review; 110-minute battery; auto white-balance; dual-mic pickup; optional character generator. Comes with AC adaptor; plug adaptor; battery; car battery cord \$2,500

CV-T65 EZ Movie/Color View VHS Camcorder

VHS camcorder with color viewfinder. Features built-in speaker with volume control; character generator; HQ; 1" liquid-crystal display viewfinder with diopter; integral intervalometer; 4 recording heads; flying erase head; audio dubbing; video dubbing; auto time and date insertion; 9-54mm f/1.4 autofocus lens with 6:1 zoom and macro; 7-lux min illumination; electronic high-speed shutter; auto iris; built-in backlight compensation; auto fade in/out; 2-hour battery; carry handle; auto white-balance; dual microphone pickup; auto index and address search. Comes with AC adaptor; plug adaptor; battery; car battery cord \$2,000

CV-T70 EZ Movie Digital VHS Camcorder

VHS camcorder with 6-way digital fade in/out, mixing control, and strobe effects. Features HQ; 1/2" CCD pickup for 300 lines horizontal resolution; two recording heads plus flying erase head; three wipe functions; one-touch digital strobe; 2/3" B&W electronic viewfinder with diopter; audio dubbing; 8x 8.5-68mm autofocus TV video lens with macro; f/1.2; minimum light 7 lux; one-touch autofocus; backlight switch; index and address search; built-in edit switch; high-speed shutter; four-second record review; battery lasts 110 minutes; auto white-balance; dual microphone pickup. Approx 16.4 x 15.9 x 4.8 in; 5.9 lb \$1,995

C8-SC70 Pocket 8 8mm Camcorder

8mm camcorder with flying erase head. Features 1/2" CCD imaging with 250,000 pixels resolution; minimum light 7 lux; flying erase head for noiseless scene transitions and edits; 2/3" B&W electronic viewfinder with diopter; f/1.2 9-54mm macro autofocus TV video lens; multi-stage auto-focus system with focal zone indicator for rapid motion shots; one-touch auto focus; high-speed shutter; automatic and one-touch standby; backlight switch; fade in/out; battery lasts 1 hour and weighs 6.5 oz; auto white-balance; dual microphone pickup. Controls include record, playback, rewind, still frame, pause, standby, counter; counter memory, fast forward, record review \$1,895

EMERSON

VCAM18 VHS-C Camcorder

VHS-C camcorder with HQ. Features electronic 0.6" viewfinder; 6:1 f/1.4-2.0 power zoom lens; 1/2" CCD pickup; 210,000 pixels; 10-lux min illumination; 60-minutes max recording time; autofocus; 2-speed selectable recording and playback; one-touch, one-button record; auto white-balance; built-in condenser mic; tracking control; high-speed search; still/pause; quick review; auto rewind. Comes with AC power adaptor/battery charger; rechargeable battery; cassette adaptor; RF modulator; shoulder strap. 4.1 x 5.6 x 9.5 in; 2.64 lb \$1,250

CAMCORDERS & VIDEO CAMERAS

VCAM14 VHS-C Camcorder

VHS-C camcorder with HQ. Features CCD pickup; 3:1 autofocus manual zoom lens (10-30 mm); 12 lux min illumination; 2-speed recording; one-touch, one-button recording; auto white balance; 1-hour recording time; built-in condenser mic; AC adaptor; IX power capability; tripod connector. Comes with AC battery charger; rechargeable battery pack; 1 TC20 blank tape; cassette adaptor; shoulder strap. 3.8 x 4.4 x 9.6 in; 2.1 lb without battery and tape. . . . \$1,000

FISHER

FVC901 8mm Camcorder

8mm camcorder with high-speed electronic shutter. Features CCD pickup; flying erase head digital auto focus; title insert; 3-head double azimuth system; auto-date; 6:1 zoom lens with macro; electronic



viewfinder with adjustable eyepiece; 2-hour recording capability; auto iris; auto backlight compensation; electronic battery charge display; 5-lux min illumination; audio/video line in/out jacks; built-in unidirectional microphone; high-speed picture search; slow motion; still frame. Comes with TV/VCR connector; hardshell carry case; rechargeable NiCad battery pack; AC adaptor and charger; power-line conversion plug; adjustable shoulder strap; 15-minute blank tape; cables. 2.6 lb. . . \$1,500

FVC801 8mm Camcorder

8mm camcorder with high-speed electronic shutter. Features digital auto focus; CCD pickup; flying erase head; 6x power zoom lens with macro zoom; electronic viewfinder with diopter; continuous auto white balancing; 2-hour recording with 120-min tape; iris control and auto backlighting compensation switch; operates on AC or NiCad battery; built-in unidirectional microphone; auto or manual focusing; 4-digit tape counter with memory and battery charge display; audio/video line in/out jacks; cue, review, slow and still frame special playback effects. Includes TV/VCR connector; hard-shell carrying case; NiCad rechargeable battery pack with battery charge adaptor; AC adaptor; adjustable shoulder strap; 15-minute blank tape; antenna and line in/out connection cables. 2.8 lb. . . . \$1,500

FVC701 8mm Camcorder

8mm camcorder with high-speed electronic shutter. Features digital auto focus; CCD pickup; electronic viewfinder with eyesight adjustment and bidirectional scan; flying erase head; 6:1 power zoom with macro; 7-lux min illumination; auto-date; built-in omnidirectional microphone; 4-digit tape counter with memory and battery charge display; cue and review; 2-hour recording capability; auto iris; auto backlight compensation; AC or NiCad operation; auto or manual focus. Comes with TV/VCR connector; case; NiCad battery pack; AC adaptor and battery charger; power line conversion plug; adjustable shoulder strap; 15-minute blank tape; antenna and line in/out cables. 2.4 lb (without battery). . . \$1,199

GE

CG-9825 Super VHS Camcorder

Super VHS camcorder features 8x power zoom lens;

built-in character generator; CCD image sensor; electronic high speed shutter; flying erase head; self-timer; time-lapse; VHS Index Search System; fade-in/fade-out; automatic clock/calender; three-way power; audio and video dubbing; video scan and freeze frame playback; auto rewind, eject; auto loading; stop auto release. . . . \$1,799

CG-9815 VHS HQ Camcorder. As above, lacks S-VHS \$1,599

CG-9806 VHS HQ Camcorder. As above, lacks character generator, flying erase head, self-timer, auto clock/calender. . . . \$1,149

HITACHI

VM-C30AR VHS-C Camcorder

Lightweight (2.6 lb without battery) VHS-C format camcorder with MID-IV $\frac{2}{3}$ " MOS image sensor. Features HQ circuitry; f1.6, 6x zoom lens; auto focus; auto iris; auto white balance; picture search; picture freeze; 350 lines resolution \$1,700

VM-6000A S-VHS Camcorder

S-VHS format camcorder with MID-IV $\frac{2}{3}$ " 390,000-pixel MOS image sensor. Features HQ circuitry; f/1.2, 8x zoom lens; auto focus; auto/manual iris; automatic date and time insertion; 450 lines horizontal resolution; auto/manual through-the-lens white balance; audio/video input/output terminals; 2-hour rechargeable battery; 5.5 lb \$1,600

VM-5100A VHS Camcorder

VHS format camcorder with MID-IV $\frac{2}{3}$ " 300,000-pixel MOS image sensor. Features HQ circuitry; f1.2, 8x zoom lens; auto focus; variable high speed shutter; auto/manual iris; auto/manual white-balance; date coding; 380 lines resolution; 5 lux; 2-hour rechargeable battery; 5.5 lb \$1,400

VM-3150A. Similar to above, 6x zoom lens with 1.5x teleconversion lens, self timer; 4.4 lb . . . \$1,200

VM-3100A. Similar to above, lacks 1.5x teleconversion lens \$1,150

JVC

GF-S1000HU Super VHS Hi-Fi Camcorder

Camcorder with Super VHS video circuitry and VHS Hi-Fi audio stereo circuitry using full-size VHS cassettes in SP or EP modes. Features automatic detection of S-VHS or VHS tape for recording and play; $\frac{2}{3}$ " field-storage CCD pickup with 360,000 effective (380,000 gross) pixels; 6x (12-72 mm) two-speed power zoom lens with f/1.4 aperture; TCL image-sensing auto focus; variable-speed electronic shutter ($\frac{1}{60}$, $\frac{1}{250}$, $\frac{1}{500}$, $\frac{1}{1000}$); auto or manual exposure and white balance; HQ (luminance and chrominance noise reduction, detail enhancement, high white-clip level); AGC; recording time 8 hours in VHS EP (6 hours in S-VHS EP) with T-160 tape; four heads; 0.7U electronic viewfinder with diopter control; flying erase head; insert editing; dubbing switch; audio dubbing for linear soundtrack; record review; elapsed recording-time counter; date/time recording with automatic date-recording option; macro focus; audio/video fader; backlight switch; stereo mic; headphone jack; peak-hold audio-level indicators; recording-level controls; S-VHS and A/V input/output jacks; powered by battery, AC, or car battery. Controls: Record; play; stop; pause; still frame; frame advance (continuous for slow motion); visible search at forward or reverse. Provided accessories: AC power adaptor/battery charger, battery pack, S-VHS tape, A/V and S-VHS output cables, handle, strap, headphones. Minimum light 8 lux; horizontal resolution 450 lines; audio frequency response 20-20,000 Hz; dynamic range 80 dB; wow-and-flutter less than 0.005% wrms; 5.25 x 8.4 x 14.7 in; 6 lb net, 7.3 lb minimum system \$2,495

GF-S550U S-VHS Camcorder

S-VHS camcorder with $\frac{1}{2}$ " CCD pickup. Features 360,000 pixels; 400 lines horizontal resolution; 4 double-azimuth video heads; flying erase head; mas-

ter edit control; insert editing; audio dubbing; dubbing mode switch; tape-stabilizing head drum; HQ; detail enhancer; white clip circuit; 7 lux min. illumination; wide-band composite circuit; autofocus; auto



white balance; auto iris; one-touch record; variable-speed electronic shutter ($\frac{1}{60}$, $\frac{1}{250}$, $\frac{1}{500}$, $\frac{1}{1000}$); 2-speed 8:1 power zoom lens with macro; quick review/retake; 4-page digital superimposition with eight colors and positive/reverse; animation function; Background Music In function; viewfinder status indicators; trigger-linked fader; twin triggers; date/time insertion; tally lamp; elapsed recording time display; shuttle search; index function; S-VHS connector; 3-way power supply. 5.25 x 8.4 x 15.7 in. . . . \$2,299

GR-S55U S-VHS-C Camcorder

VHS-C camcorder uses VHS-C tape or S-VHS-C tape. Features 1-hour recording time in EP; $\frac{1}{2}$ " field-storage CCD pickup with 330,000 effective (360,000 gross) pixels; variable-speed electronic shutter ($\frac{1}{60}$, $\frac{1}{250}$, $\frac{1}{500}$, $\frac{1}{1000}$); 2-speed 6x (9-54 mm) power zoom lens with f/1.4 aperture; image-sensing autofocus with manual override; auto or manual exposure and white balance; HQ; elapsed recording-time counter in 0.6" electronic viewfinder with diopter control; audible trigger warning; record review; macro focus; A/V fader; glitch-free transitions between scenes; backlight switch; LCD readout; date/time insertion; S-VHS (separate Y and C) and A/V outputs; dubbing switch; noiseless assemble edits with JVC VCR's. Controls: record; play; stop; pause; still frame; frame advance; bidirectional visible search. Comes with AC adaptor/battery charger, hand-grip battery pack, VHS-C-to-VHS cassette adaptor, S-VHS-C tape, carrying case, output cable, shoulder strap, 10-lux min. illumination; horizontal resolution 420 lines. 4.4 x 5.9 x 9.6 in; 3.1 lb with battery \$2,195

GR-25U. As above, VHS only; no S-VHS outputs; 250,000 pixels; $\frac{1}{60}$ and $\frac{1}{1000}$ -second electronic shutter; horizontal resolution 330 lines. . . . \$1,599

GR-40U VHS-C Camcorder

Autofocus camcorder with 4-page digital superimposition. Features $\frac{1}{2}$ " field-storage CCD pickup; HQ; trigger-sync fader; date/time insertion; 360,000 pixels; horizontal resolution 420 lines; 8 lux min illumination; 0.6" electronic viewfinder; auto iris; auto white balance; 2-speed f/1.4 6:1 power zoom lens (9-54 mm) with macro; variable-speed shutter ($\frac{1}{60}$, $\frac{1}{250}$, $\frac{1}{500}$, $\frac{1}{1000}$ -sec); one-touch full-auto operation; audible trigger warning; master edit control; dubbing mode; elapsed recording time counter; zero-frame editing; 60-minute max recording time. 2.5 lb. . . . \$1,899

GR-35U VHS-C Camcorder

VHS-C camcorder with master edit control system. Features $\frac{1}{2}$ " CCD pickup; 330,000 effective pixels; variable-speed shutter ($\frac{1}{60}$, $\frac{1}{250}$, $\frac{1}{500}$, $\frac{1}{1000}$ -sec); HQ; autofocus; date/time insertion; LCD display; 10 lux min illumination; zero-frame editing; 2-speed 6:1 power zoom lens with macro; trigger-sync A/V fader; auto white-balance; backlight switch; 1-hour max record time in EP; direct playback; dubbing mode; twin trigger; A/V-out connector; quick review; elapsed recording time counter; shuttle search; 3-way power supply; one-button full-auto operation; viewfinder indicators; trigger alarm; external mic jack;

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CAMCORDERS & VIDEO CAMERAS

built-in mic; monitor button; pause/still button. 4.4 x 5.9 x 9.6 in.; 2.6 lb with viewfinder. \$1,700

GR-A30U VHS-C Camcorder

Autofocus camcorder with HQ. Features 1/2" CCD pickup; horizontal resolution 420 lines; 8-lux min illumination; 0.6" electronic viewfinder; auto iris;



auto backlight compensation; auto white balance; f/1.4 6:1 power zoom lens (8.5-51 mm) with macro; 60-minute max recording time; date/time insertion; 1/60 and 1/1000-sec shutter speeds; audible trigger warning; optional wireless mic; zero-frame editing; flying erase head. \$1,299

Accessories for GR-S55U

WM-V1U. Wireless microphone	\$150
CG-V60U. Character generator	\$120
CB-V55U. Carrying case	\$120
CG-P50U. Character generator	\$100
BH-V5U. Car battery charger (for AC power)	\$95
MZ-320. Super-directional microphone	\$60
AP-PIU. Car battery cord (for DC power)	\$55
BN-V6GU. High-capacity battery pack (70 to 90 minutes)	\$45
CB-V40U. Carrying bag	\$45
BN-V5GU. Regular battery pack (30 to 40 minutes)	\$30
VC-PIU. A/V extension cable	\$13
VU-V130U. Carrying handle	\$13
CU-V410U. Shoe adaptor	\$12
RM-PIU. Remote pause control	\$6

MAGNAVOX

CVJ360 VHS Camcorder

VHS camcorder with 1/2" CCD imager. Features auto-focus; auto image stabilizer; flying erase head; 3 position high-speed shutter; f/1.6 x10 power zoom



lens; video/AC adaptor/charger; audio/video output adaptor; audio/video cable; battery pack; shoulder strap; VHF connecting cable/300-75 ohm transformer; carphone \$2,400

CVJ320 VHS Camcorder

VHS camcorder with 0.5" CCD imager. Features flying erase head; video index search system; time-lapse recording of one second per minute; f/1.4 x 8 power zoom; 2 position high-speed shutter; self-timer recording capabilities; 7-lux lens; 6 lb \$1,500

CVJ310 VHS Camcorder. As above except x6 zoom, and no flying erase head \$1,350

MINOLTA

Master Series-V 2100 S-VHS Camcorder

Features S-VHS; >450 lines horizontal resolution; 2/3" MOS image sensor; 10-lux min illumination; variable-speed shutter (1/60, 1/120, 1/250, 1/1000, 1/2000-sec); 11-88 mm f/1.2 8x power zoom lens with macro;



autofocus with manual override; TTL auto white balance with manual override; auto/manual iris; full-information adjustable 2/3" electronic viewfinder; bidirectional visual search; wind-noise cutout switch; date/time insertion. \$2,350

Master Series 8-8200 8mm Camcorder

Features 1/2" CCD image sensor; 7 lux min illumination; 330 lines horizontal resolution; 1/200-sec high-speed shutter; 9-54 mm f/1.4 6x power zoom lens;



autofocus with manual override; TTL auto white balance; auto/manual iris; full-information adjustable 2/3" electronic viewfinder; insert edit button; bidirectional visual search; freeze-frame; frame advance; date generator; interval timer; wind-noise cutout switch \$1,765

Master Series-V 1400 VHS Camcorder

Features 2/3" MOS image sensor; 7-lux minimum illumination; 350 lines horizontal resolution; variable high speed shutter; self timer; 12-72mm f/1.6 6x power zoom lens; auto focus w/ one shot or manual power focus; continuous TTL white balance; 2/3" electronic viewfinder; S/N > 45 dB; 4 head mono audio; 160 minutes max recording/playback time; 3x forward/reverse visual search; freeze frame; date insertion \$1,645

Master Series-C 50 VHS-C Camcorder

Features through-the-lens phase detection; multi-dimensional autofocus; 1/2" CCD image sensor; 300,000 pixels; 330 lines horizontal resolution; 10-lux min illumination; 6x 9-54 mm f/1.6 power zoom lens; 24x zoom possible with 4 optional converter lenses; continuous auto white balance with white balance lock; dual-area metering auto exposure with auto exposure lock; unidirectional microphone; 1/1000-sec electronic high-speed shutter; self timer; interval-

ometer; synchro dubbing; edit functions; automatic date/time insertion. \$1,450

MITSUBISHI

HS-C30U S-VHS-C Camcorder

Fully-automatic camcorder with CCD pickup. Features variable high-speed shutter; selectable quick



review; time/date stamp; leveling indicator in viewfinder; 6:1 power zoom with macro; 99-position address search; 2-way power supply; electronic viewfinder; bidirectional speed search; auto focus, white balance, and iris. Comes with carrying case, shoulder strap, adaptors, battery charger, cables and connectors \$1,699

NEC

V50U VHS Camcorder

VHS camcorder with piezo auto-focus system. Features HQ; 1/2" CCD pickup; f/1.2. 6:1 zoom lens with macro and auto iris; 10-lux minimum light; 2/3" electronic viewfinder; electronic shutter; cue and review playback; alarm indicators; audio dubbing; insert editing. Comes with AC adaptor, battery pack, charging connector, shoulder strap, pause remote control unit, A/V converter connector. 4.7 x 8.8 x 15.7 in; 5.1 lb \$1,859

CV-40U VHS-C Camcorder

VHS-C camcorder with HQ. Features 1/2" CCD pickup; 10-lux minimum light; 0.6" B&W viewfinder; 6:1 2-speed zoom lens with macro; electronic shutter; auto-sensing focus; auto color-tracking white balance; backlight compensation; simultaneous A/V



fading; date/time indication; dubbing mode; quick-view LCD; 4.2 x 5.8 x 9.6 in; 2.4 lb. \$1,799

NIKON

VN-810 8mm Camcorder

8mm camcorder with 1/2" CCD image sensor. Features f/1.2 6x power zoom lens; auto focus; auto exposure; continuous auto white balance; 120 minutes recording time with P6-120 tape; 0.6" electronic viewfinder. Minimum light 7 lux. 3 lb. \$1,800

VN-3000 VHS Camcorder

Full-size VHS camcorder with 1/2" CCD sensor. Features f/1.2 6x power zoom lens; auto focus; auto exposure; auto white balance; 2 hours 40 minutes recording time with T-160 tape; 0.7" electronic viewfinder. Minimum light 7 lux. 7 lb. \$1,650

OLYMPUS

VX-S405 S-VHS Camcorder

S-VHS camcorder with electronic high speed shutter. Features digital special effects, gain up (allows shooting in low light to 1 lux), wipe, split-screen, strobe; 1/2" CCD image sensor; f/1.2 9-54mm 6x power



zoom lens; auto focus; auto iris; auto white balance; HQ; VHS index search; flying erase head, edit switch; recording time eight hours with T-160 tape in SLP mode; 3/8" B&W electronic viewfinder with adjustable diopter correction; record review; macro focus; fade in/out; backlight switch; earphone jack. Controls: record; play; stop; pause; still frame; frame advance. Minimum light 7 lux, 1 lux with gain up; two-hour rechargeable battery; power consumption 15 watts. 9 x 16.25 x 4.62 in; 6.6 lb (without battery) ... \$2,500

VX-802 8mm Camcorder

8mm camcorder with electronic high-speed shutter. Features 1/2" CCD image sensor; f/1.2 9-54mm 6x power zoom lens; auto focus; auto exposure; auto white balance; HQ; recording time 2 hours with 8mm cassette; electronic viewfinder with diopter; record review; macro focus; fade in/out; backlight switch. Controls: record; play; stop; pause; still frame; frame advance; minimum light 7 lux; 2.6 lb. \$1,750

Accessories for VX-802

VF-BA82. AC adaptor/battery charger with RF converter, audio/video input and output for VX-802. \$299
VF-KG2. Character generator for VX-802. \$270
VF-KL4. Video teleconversion lens, 49mm diameter, 1.5x magnification. \$108
VF-KL5. Video wide-conversion lens, 49mm diameter, 0.7 magnification. \$108
VF-CS82. Hard carrying case for VX-802. \$99
VF-BP81. Battery pack for VX-802. \$49
VF-RM7. Wired remote control. \$20

PANASONIC

PV-460 VHS Camcorder

VHS camcorder with electronic image stabilization mechanism and circuitry. Features electronic high-speed shutter; 10:1 power zoom lens; CCD pickup; flying erase head; VISS; A/V dubbing; auto date/time insertion; autofocus; auto white-balance; instant playback; electronic viewfinder with diopter; HQ;

edit switch; auto iris; backlight switch; fade control. 16.25 x 9 x 5.63 in. \$2,250

PV-S350 Digital Camcorder

Digital Super VHS camcorder capable of performing digital effects. Features CCD pickup; 8x power zoom lens; auto focus; auto exposure; auto white balance; HQ; electronic viewfinder; record review; macro focus; fade in/out; backlight switch. Controls: record; play; stop; pause; still frame; VHS Index/Address Search System. Minimum light 1 lux; horizontal resolution 400 lines. \$2,250

PV-330 Digital Camcorder

Digital VHS camcorder with digital effects. Features CCD pickup; 8x power zoom lens; auto focus; auto exposure; auto white-balance; HQ; recording time 2 hours and 40 minutes with standard VHS tape; electronic viewfinder; record review; macro; fade in/out; backlight switch. Min light 1 lux. \$1,990

PV-S150 Super VHS Camcorder

Super VHS camcorder with high-speed shutter. Features CCD pickup; f/1.2 9-54mm 6x power zoom lens; auto focus; auto white balance; HQ; recording time 60 minutes with TC20 tape; electronic viewfinder with diopter; record review; macro; fade in/out; backlight switch. Min light 7 lux; power consumption 8 W; 5.94 x 10.38 x 4.38 in. \$1,900

PV-110 VHS-C Camcorder

VHS-C camcorder with VHS Index/Address Search System. Features CCD pickup; f/1.2 9-54mm 6x power zoom lens; auto focus; auto white balance; HQ; recording time 60 minutes with TC-20 tape; electronic viewfinder; record review; macro focus; fade in/out; backlight switch. Minimum light 7 lux; power consumption 8 watts; 5.94 x 10.38 x 4.38 in; 2.7 lb. \$1,450

PV-50 VHS-C Camcorder

VHS-C camcorder with VHS Index/Address Search System. Features CCD pickup; f/1.6 10mm; auto range focus; auto white balance; HQ; recording time 1 hour with TC-20 tape; battery lasts 1.5 hours; optical viewfinder built-in. Min light 7 lux; power consumption 6.5 W; 8.25 x 5.38 x 3.13 in. \$1,000

Video Camera Accessories

20H-20F Camera Extension Cable. 20-foot extension cable. \$60
PK-A789S Power Supply. Power supply with stereo audio input/output. \$65

PENTAX

C18A Super VHS Camcorder

Camcorder uses full-size VHS cassettes to record 2 hours, 40 minutes with a T-160 tape. Features auto focus with power manual focus; auto or manual exposure; continuous auto white balance; 3/8" MOS 300,000-pixel image sensor; f/1.2 8x power zoom lens; 3/8" electronic viewfinder; minimum light level 7 lux. 7 lb. \$1,899

C67A HQ VHS Camcorder

Camcorder uses full-size VHS cassettes to record 2 hours, 40 minutes with T-160 tape. Features auto focus with power manual focus; auto or manual exposure; continuous auto white balance; 3/8" MOS 300,000-pixel image sensor; 6x (12-72 mm) power zoom lens; high-speed shutter variable from 1/60 to 1/2000 second; electronic self-timer; playback through 3/8" electronic viewfinder showing battery condition, low-light warning, shutter setting, and date (which can be recorded on tape); for right- or left-eye viewing; four heads; search at 3x normal speed; freeze frame; records TV broadcasts from monitor/receivers with A/V output jacks; HQ picture enhancement; comes with 1-hour rechargeable battery, AC adaptor/charger, RF converter with cable, antenna adaptor, A/V output cable, A/V input adaptor and cable, unidirectional mic, earphone, shoulder strap.

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PV-C880A Movie 8 8mm Camcorder

8mm camcorder records up to 2 hours on P6-120 tape. Features interval record mode, making one second recordings at .5, 1, 2 or 5 minute intervals for time-lapse effects; manual setting records four frames at a time for animation effects; auto focus with manual override; high-speed visual search at 5x normal speed in forward or reverse; clear special effects include freeze frame, frame advance, and slow motion at 1/3 normal speed; f/1.4 6x (9-54 mm) power zoom lens with macro; 1/2" CCD image sensor; adjustable 3/8" electronic B&W viewfinder displays recording status, battery level, shutter, tape counter/remaining time, and date (which can be superimposed on tape); auto exposure with manual override; flying erase head; high-speed shutter (1/1200 of a second); auto white balance; unidirectional mic; three heads; comes with 1-hour battery pack, AC adaptor, RF converter, shoulder strap; warranty covers parts for two years, labor for six months. Minimum light 7 lux; horizontal resolution 330 lines; power consumption 7 watts. 3.9 x 5.8 x 9.6 in; 2.8 lb with battery and tape. \$1,899
PV-C850A. As above, lacks interval record mode and manual mode record. \$1,849

PHILCO

VCC809AV VHS Camcorder

VHS camcorder with high speed shutter. Features 0.5" CCD imager; f/1.2 6x power zoom lens; auto



focus; record review; macro focus; fade in/out; controls: record; play; stop; pause; still frame; video index search system; video address search system; 7-lux min illumination. \$1,350

PHILIPS

CPJ815 Camcorder

VHS camcorder with CCD imager. Features flying erase head; auto image stabilizer; 3-position high-speed shutter; 10-lux lens; f/1.6 10x power zoom; VHS index and address search; still frame; audio/vi-

deo dubbing; auto iris; auto date with memory; auto white balance; auto indoor/outdoor switching; hard-shell carrying case. \$2,699

QUASAR

VM-27AC VHS Camcorder

VHS camcorder with VISS. Features 330,000-pixel CCD pickup; f/1.2 8x power zoom lens; auto focus; auto iris; flying erase head; digital special effects: sensitivity-up, approaching 1 lux, strobe, wipe; digital image effects; lap time display; edit switch; record review; audio/video dubbing; back-light switch; stand-by mode; fade control; auto date/time; auto rewind, eject. 6.6 lb. \$2,200
VM-26AC. As above, lacks S-VHS. \$2,000
VM-24AC. As above, lacks digital special effects and edit switch. \$1,500
VM-23AC. Similar to VM-24AC, with f/1.4 6x power zoom lens. \$1,500

VM-52AC S-VHS Camcorder

Super VHS-C camcorder with playback special effects. Features CCD pickup; f/1.2 6x power zoom lens; auto focus; auto iris; auto white balance; HQ; 1 hour maximum recording or playback time; 3/8" electronic viewfinder; record review; macro focus;



fade in/out; backlight switch; flying erase head; audio/video dubbing; edit switch. Controls: record; play; stop; pause. Minimum light 7 lux; VHS index/address search systems; 2.8 lb. \$1,800

VM-51AC VHS-C Camcorder

VHS-C camcorder with VHS index/address search systems. Features CCD pickup; f/1.2 6x power zoom lens; auto focus; auto iris; auto white balance; HQ; 1 hour maximum recording time; 3/8" electronic viewfinder; record review; macro focus; fade in/out; backlight switch; built-in character generator jack. Controls: record; play; stop; pause. Minimum light 7 lux; 2.7lb. \$1,300

RCA

CC350 S-VHS Camcorder

S-VHS camcorder with autofocus. Features MOS sensor; electronic viewfinder; on-screen displays; quick review; auto iris; auto white balance; earphone jack; microphone jack; A/V output jack; 3-way AC/DC power; AC adaptor; 2-speed 8:1 power zoom lens with macro. 7.5 x 6.5 x 14.4 in; 5.5 lb. \$1,799

CC175 S-VHS-C Camcorder

S-VHS-C camcorder with built-in microphone. Features 6:1 autofocus zoom lens; solid state MOS sensor; electronic viewfinder; on-screen displays; quick review; auto iris; auto white balance; earphone jack; microphone jack; A/V output; 3-way AC/DC power supply; AC adaptor. 5.9 x 4.1 x 9.1 in; 2.8 lb. \$1,599

Pro Wonder CC300 VHS Camcorder

VHS Camcorder with 8:1 autofocus power-zoom lens with macro. Features electronic high-speed shutter;

solid-state MOS sensor; electronic viewfinder; on-screen displays; quick review; auto iris; auto white balance; earphone jack; microphone jack; A/V output; 3-way AC/DC power supply. \$1,399

CC250 VHS Camcorder

VHS camcorder with 6:1 power zoom lens. Features autofocus; solid state MOS sensor; electronic viewfinder; on-screen displays; quick review; auto iris; auto white balance; earphone jack; microphone jack; A/V output; 3-way AC/DC power supply; AC adaptor. 9.1 x 4.6 x 13.75 in; 4.4 lb. \$1,099
CC275. As above with 2 hour battery. \$1,199

Small Wonder CC150 VHS-C Camcorder

VHS-C camcorder with built-in microphone. Features 6:1 autofocus zoom lens; solid-state MOS sensor; electronic viewfinder; on-screen displays; quick review; auto iris; auto white balance; earphone jack; microphone jack; A/V output; 3-way AC/DC power supply; AC adaptor. 5.9 x 4.1 x 9.1 in; 2.8 lb. \$1,079

Video Camcorder Accessories

VTU100 Character Generator

Character generator creates titles on screen and special effects; fits RCA camcorders. Features 48 characters/scene capacity; 8 colors, two type sizes; ten pages of characters; 60-character memory. \$149.95

KK046 Camcorder Case

Hard carry case with molded-plastic shell provides rugged protection for RCA or Hitachi camcorders and accessories. Contains cut-foam insert to cushion and secure equipment. 17.5 x 14 x 6 in. \$129.95

AC025 VHS-C Camcorder Case

Heavy nylon case fits almost any camcorder. Features pockets for batteries, tapes, and accessories. 13 x 8 x 5.5 in. \$99.95
ACO28. As above for VHS camcorders. \$99.95

CB120 Camcorder Battery

120-minute on-board rechargeable nickel-cadmium battery. Provides approximately 2 hours of run time for RCA camcorders. Can be recharged in two hours with camcorder AC adaptor/charger. \$79.95

CB060 Camcorder Battery

60-minute on-board rechargeable nickel-cadmium battery. Provides approximately one hour of running time for RCA camcorders. Can be recharged in one hour with camcorder AC adaptor/charger. \$69.95

WM002 Wireless Microphone System

Compact wireless microphone system with an omnidirectional microphone, transmitter, receiver, 13-inch antenna, and audio plug. Microphone clips onto clothing and transmitter fits into pocket or clips onto belt. Uses three AA batteries. For use with all RCA video cameras except CKCO20. \$139.95

VAA002 Camcorder Video/Audio Adaptor

Allows camcorder to record video and audio from an external source such as a VCR, TV monitor, etc. Plugs directly into viewfinder connector. \$15.95

CRM010 Camcorder Remote Pause Control

Wired remote provides start/stop functions of camcorder. 15-foot cable. \$12.95

Video Camcorder Lens Accessories

WAL01A Wide Angle Lens

Expands a video camera's field of view by a factor of 0.6. Features black snap-closure simulated leather case with padded interior; 58 mm thread diameter with 49 mm and 52 mm step rings. \$139.95

LFK115A Special Effects Lens Filter Kit

Creates special effects with mirage, polarizer, and highlighter filters. Features 5-face mirage, 3-face mirage, center focus highlight and polarizer, plus 3 step rings. Includes a vinyl case. \$109.95

FSA036A Film/Slide Adaptor

Permits transfer of slides and print negatives to video tape. Features three step rings; three sizes of frame holders; one filter. Accommodates 35 mm slides; 35 mm negatives; 110 negatives. \$119.95

LX152A Lens Extender

Increases lens magnification by 1.5 times throughout its zoom range. Features 58 mm thread diameter with 49 mm and 52 mm step rings. Includes a snap-closure black-vinyl case with padded interior. \$132.95

REALISTIC

Model 100 MovieCorder VHS Camcorder

VHS camcorder with forward/reverse search at 3 times normal speed. Features 2/3" MOS pickup; f/1.6 12-72mm lens; auto focus; auto iris; auto white balance; HQ; recording time 120 minutes; battery lasts 1 hour; 2/3" electronic viewfinder; macro focus; backlight switch. Controls: Record; play; stop; pause; Minimum light 7 lux; includes hard case and shoulder strap. \$1,299

Model 150 MovieCorder VHS-C Camcorder

VHS-C camcorder with auto-loading cassette adaptor for use in standard VHS VCR's. Features 2/3" MOS pickup; f/1.6 11.5-69mm lens; auto focus; auto iris; auto white balance; HQ; electronic viewfinder; macro focus; fade in/out; backlight switch; earphone jack. Controls: record; play; stop; pause; visible search at 3x normal speed forward or reverse. Minimum light 7 lux; approx. 7.75 x 4.25 x 7.75 in; 42 oz. \$1,299

RICOH

R620 8mm Camcorder

8mm camcorder with 270,000 pixel imaging and super-high-speed shutter. Features edit switch; insert mode; built-in titler can create letters, symbols, borders and drawings in 8 colors; 1/2" CCD pickup; f/1.4 9-54mm 6x power zoom lens; auto focus; auto



exposure; auto white balance; recording time up to 4 hours with P6-120MP tape; backlight switch. Minimum light 4 lux. \$1,800

R600S 8mm Camcorder

8mm camcorder with 380,000 pixel imaging and super high speed shutter. Features CCD pickup; f/1.6 12-72mm 6x power zoom lens; auto focus; auto exposure; auto white balance; recording time up to 4 hours with P6-120MP tape; battery lasts 45 minutes; 2/3" electronic viewfinder; record review; fade in/out; backlight switch. Controls: record; play; stop; pause; freeze frame, slow motion or single frame-by-frame playback. Minimum light 5 lux. \$1,799

SANYO

VMD5 8mm Camcorder

8mm camcorder with 3-head special effects. Features variable high-speed electronic shutter; 5-color digital superimposer; 2/3-in CCD pickup; 5-lux min illumina-



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XV - T600 Picture Computer..... 549.95
XV - T500 Video Superimposer..... 449.95
RME - 100V Programmed Editor..... 179.95
HVT - 80 Film Video Adaptor..... 149.95

RCA SPECIALS

AC - 030 Lightweight Tripod w/ Free Case..... \$54.95
AC - 031 Deluxe Tripod w/ Quick Release and Free Case..... 79.95
AC - 026 Camera Lens Care Kit..... 8.95
AC - 016 Soft Case (full size camcorders)..... 49.95
AC - 025 Soft Case (VHS 'C') & 8mm..... 49.95

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tion; 2/3-inch electronic viewfinder with display; auto iris; line-in record; 2-speed scan; digital auto focus; flying erase head; 6:1 power zoom with macro; auto white balance; bidirectional picture search; condenser mic; tape counter with memory; auto stop. Comes with AC adaptor, DC recharger. NiCad battery, cables, shoulder strap, power cord, carry case \$1,899

VMD3 8mm Camcorder

8mm camcorder with flying erase head. Features digital auto focus; electronic high-speed shutter; auto date insertion; auto iris; backlighting; 6:1 power zoom with macro; auto white balance; 1/2-inch CCD pickup; bidirectional picture search; mic input, 7 lux min illumination; condenser mic. Comes with AC adaptor, DC recharger, NiCad battery, cables, shoulder strap, power cord, carry case. 2.4 lb without battery \$1,599

SHARP

VL-1250U Full Size Camcorder

Flying erase head camcorder with CCD imager. Features 12x variable speed power zoom lens; auto standby-by; auto focus (auto manual/push-auto selectable); auto white balance, auto power off; auto



date/clock; high-speed electronic shutter; auto dubbing; self timer; fade-in/out control; electronic viewfinder; timer for television recording and playback \$2,199

VL-C77UA Super VHS-C Camcorder

Super VHS circuits for improved picture quality; uses VHS-C tape for 60 or 20 minutes; CCD image sensor; f/1.6 lens with 8x variable-speed power zoom; 0.7" electronic viewfinder with diopter (for left or right eye); auto focus, white balance, exposure; time/date superimposed on tape; viewfinder indication of low battery and low light; back-light compensation; 4 heads; forward and reverse visual search at 3x normal speed; still picture with noise; electronic tape counter in viewfinder; three-speed electronic shutter; HQ circuits; directional electret mic; earphone jack; comes with AC adaptor/battery charger, 1-hour battery pack, shoulder strap, cassette adaptor, blank tape, A/V output cable, lithium battery, RF converter and cable, 300-ohm/75-ohm adaptor. 6.02 x 4.92 x 9.05 in; 2.65 lb without battery \$1,999

VL-C73UA VHS-C Camcorder

Features CCD image sensor; f/1.6 lens with 8x variable-speed power zoom; electronic shutter; records 20 or 60 minutes on VHS-C tape; rotating 0.7" B&W electronic viewfinder with diopter; macro focus; A/V input terminal; 4-digit tape counter with memory; auto or manual focus; auto white balance, exposure; auto date; date/character generator; HQ circuits; record review; index; electret condenser mic. 6.13 x 4.78 x 9.13 in; 3 lb, 3 oz with battery and tape \$1,599

VL-C650U VHS-C Camcorder

C-format camcorder with CCD imager. Features 8x variable-speed power zoom lens; one-touch auto system with full information LCD; auto focus; (auto

manual/push-auto selectable); auto white balance; auto iris; auto power off; auto date/clock; high-speed electronic shutter; self timer background music terminal; fade-in/out control (music and video); electronic viewfinder with display of mode status, control settings, and warning indicators; 2.56 lb without battery \$1,599

SONY

EDC-55 ED Beta Camcorder

ED Beta camcorder with detachable playback deck. Features 2/3" CCD pickup; 550 lines horizontal resolution; 10x bayonet-mount variable-speed zoom lens with macro; variable-speed electronic shutter (1/60-1/1000-sec); built-in 1 point stereo mic. Recorder features 500 lines horizontal resolution with metal particle tape; separate Y/C video output; flying erase head; audio/video insert editing; Beta Hi-Fi stereo sound \$7,700

CCD-V220 Pro 8mm Camcorder

8mm camcorder with 2/3" CCD pickup. Features 380,000 effective pixels; horizontal resolution >300 lines; variable-speed f/1.2 8x power zoom lens; 4 lux min illumination; electronic variable-speed shutter (1/60, 1/100, 1/250, 1/500, 1/2000, 1/4000); autofocus; auto/manual iris; auto/preset white



balance; fader; 8-color wiper; 8-color character generator; digital stereo sound recording; 2-hour max recording time; freeze-frame; frame advance; slow motion; 4-digit counter; stereo audio dubbing; video insert editing; line in/out; earphone jack; stereo/omnidirectional microphone. 15.9 x 8.9 x 5.25 in; 7.25 lb with battery and cassette \$2,500

CCD-V11 8mm Camcorder

8mm camcorder with 2/3" CCD pickup with 380,000 effective pixels. Features RGB process; 5 lux min illumination; variable-speed shutter (1/60-1/4000-sec); 6:1 power zoom lens (12-72 mm) with macro; through-the-lens autofocus; linear auto white balance; 2-page scrolling digital superimposer for titling and graphics; date/time insertion; AFM sound; flying erase head; edit search; insert edit; video/audio inputs/outputs; 3-pin remote editing terminal; 0.6" electronic viewfinder; data screen; record/review; linear time counter; auto iris; electret condenser microphone. Comes with AC adaptor/charger; NiCad battery; RF adaptor; video antenna switch; A/V cable; shoulder strap; lithium battery; P6-15 cassette tape. 3.6 x 4.1 x 11.9 in; 2.4 lb with battery and cassette \$1,850

CCD-V9 Handycam Pro 8mm Camcorder

8mm camcorder with variable-speed shutter (1/60, 1/100, 1/500, 1/1000, 1/2000 of a second). Features 2/3" CCD pickup with 380,000 pixels; flying erase head for clear transitions; AFM mono sound; RGB processing; 12-72 mm 6x zoom lens; through-the-lens auto focus with

manual override; auto exposure with manual override; white balance auto linear or precalibrated for natural or artificial light; fade to white; recording time 45 minutes with lightweight battery, 90 minutes with NiCad battery for a total of 2 hours on P6-120



tape; auto switching to play LP tapes recorded on home deck for up to 4 hours; battery lasts 60 minutes; 0.7" electronic viewfinder with indication of cassette loading; shutter speed, record/standby, auto/manual focus, white balance, fader, date/time, caution; forward and reverse play at normal speed; high-speed picture search; edit switch; auto-lock switch turns all functions to automatic; clear slow motion; macro focus; earphone jack; unidirectional electret condenser mic; external mic jack; date/time display on tape; tape counter shows tape position in hours, minutes, and seconds in SP mode; comes with AC adaptor/battery charger; NiCad battery; RF adaptor; shoulder strap; lithium battery; P6-15 videotape. Minimum light 5 lux; power consumption 6.3 watts. 3.9 x 5.1 x 13.25; 2.8 lb with battery and tape \$1,800

Optional Accessories

For CCD-V9 camcorder:

NP-77. 90-minute NiCad battery	..... \$75
AC-V55. A/C adaptor/battery charger	..... \$185
BC-55. Compact battery charger	..... \$45
DCP-55. D/C pack	..... \$60
LCH-V50. Hard case	..... \$150
RM-94. Wired Remote Commander	..... \$80
RM-151KA. Wireless Remote Commander	..... \$100
VF-A50. Viewfinder adaptor	..... \$50
VF-46M. Filter kit	..... \$28
ECM-K120. External microphone	..... \$80
VCL-1546A. Telephoto conversion lens	..... \$130
VCL-0746A. Wide-angle conversion lens	..... \$110

BMC-1000K Betamovie Pro Camcorder

Betamovie camcorder with Super Hi-Band Beta circuitry to increase luminance signal carrier frequency from 4.8 to 6.0 MHz for sharper picture and professional editing quality. Features 2/3" Interline Transfer CCD pickup; 6x (12-72 mm) power zoom lens; manual focus with macro; auto white balance with two positions (5,800'k outdoor, 3,200'k indoor); iris lock switch; 1" B&W electronic viewfinder; records in Beta I for maximum of 90 minutes with L-750 tape; data display system superimposes day, month, and year, or hour, minute, and second; indexing allows quick access; mono microphone; input for external mic; earphone jack; sensitivity switch. Minimum light 15 lux; power consumption 7.4 watts. 6 x 7.4 x 15.25 without shoulder pad; 5 lb, 11 oz without battery \$1,795

CCD-F40 8mm Camcorder

8mm camcorder with 1/2" CCD pickup. Features 4 lux min illumination; variable-speed electronic shutter (1/60-1/4000-sec); slow motion; frame advance; 6:1 autofocus power zoom lens (9-54 mm) with macro; auto white balance; auto iris; backlight compensation switch; 8-color built-in 2-page digital superimposer;

CAMCORDERS & VIDEO CAMERAS

date/time insertion; edit search; clean insert editing; edit switch; A/V inputs/outputs; 3-pin remote editing terminal; flying erase head; adaptable electronic viewfinder \$1,750
CCD-SP7. As above with water-resistant (not water-proof) shell \$1,850

CCD-F30 8mm Camcorder

8mm camcorder with built-in 2-page digital superimposer for titling and graphics. Features solid-state 2/3" CCD pickup; 9 lux min illumination; 6:1 autofocus power zoom lens (12-72 mm) with macro; linear auto white balance; auto iris; date/time data display system; AFM sound recording; flying erase head; 2 hours max recording time; autofocus override; edit search; clean insert editing; edit switch; audio/video inputs/outputs; 3-pin remote editing terminal; electronic viewfinder; record/review; linear time counter; electret condenser omnidirectional mic; earphone jack. 4.6 x 5.1 x 12.5 in; 3 lb with battery and cassette. \$1,700

CCD-V5 Auto Handycam 8mm Camcorder

8mm camcorder with digital Superimposer for titling videotapes on location or at home with words, characters, or picture outlines in eight colors during recording. 6x lens zooms manually or automatically; 2/3" CCD pickup with 250,000 pixels; macro focus; linear auto white balance and auto iris; 2 hours on P6-120 tape; AFM mono sound; edit switch; flying erase head for clear transitions; through-the-lens auto focus; 0.7" magnified electronic viewfinder with display of operating functions; date and time recorded on tape; RGB processing. Minimum light 9 lux. 5.1 x 6.1 x 11.5 in; 34 lb \$1,600

BMC-660k SuperBetamovie Camcorder

Betamovie camcorder with SuperBetamovie circuits for 20% higher image resolution. Features 2/3" Interline Transfer CCD pickup with 510 x 492 picture cells; f/1.4 12-72 mm 6x power zoom lens; white balance switchable for natural or artificial light; date/time display on tape; tape counter reads in hours, minutes, and seconds; recording time 3 hours and 20 minutes with Beta L-830 tape; battery lasts 1.5 hours; electret condenser mono mic; jack for external mono mic; earphone jack; reversible through-the-lens optical viewfinder for right or left eye; LED warning of low light, no signal, clogged or wet heads, weak battery; comes with battery charger, battery, handle, lens cap, eyepiece cap, shoulder strap, clock battery. Minimum light 25 lux; power consumption 6.2 watts maximum. 5.75 x 7 x 14.75; 6.25 lb with battery. \$1,495

PAK-7 8mm Handycam Camera/Recorder Package

Lightweight 8mm camcorder with handycam unit and accessories in carry case. Features EV-P10U 8mm video deck; compatibility with Beta and VHS video formats; direct playback on any TV; edit switch; dubbing capability; AFM sound recording; 2-hour max recording time; ATF (Automatic Track Finding); flying erase head; CCD pickup; 9-lux min illumination; 2-zone focusing system; 1-button recording system; linear auto white balance; color viewfinder; LED low battery/insufficient light indicator; AFM sound recording; electret condenser omnidirectional mic; A/V line out; high-speed bidirectional visual picture search; 2.5-hour recording time on battery pack. Comes with AC adaptor pack; NP-55 rechargeable battery and NPA-55 battery adaptor. Camcorder weighs 2 lb, 2 oz with battery and cassette \$1,450

CCD-G1 8mm Ultra-Mini Camcorder

8mm camcorder designed to work with Sony Video 8 products. Features one-button operation; 2/3" CCD pickup; 250,000 effective pixels; 9-lux min illumination; built-in omnidirectional microphone; 15-mm lens; Readyfocus 3-point focusing system; auto white balance; auto iris; detachable optical viewfinder; detachable hand strap; mini-tripod; video S/N 45 dB. 3.75 x 3.6 x 7.9 in; 1 lb \$750

SYLVANIA

VCC161AV VHS Camcorder

VHS camcorder with flying erase head. Features CCD imager; f/1.4 8x power zoom lens; video index/address search system; high speed shutter; time lapse recording; 7-lux sens \$1,499

VCC159AV VHS Camcorder. As above without flying erase head. \$1,349

TAMRON

Tamron Digital Movie 8

8mm camcorder with 0.7" electronic viewfinder; 1/2" 270,000-pixel CCD image sensor; autofocus 9-54mm f/1.4 power zoom lens; digital special effects: still, slow, strobe, solarization, title memo; high-speed shutter; auto white balance; AC power adaptor/battery charger; 40-minute rechargeable battery; minimum light requirement 10 lux. 38.5 oz \$1,719

CR100 VHS Camcorder

VHS camcorder with HQ. Features 1/2" CCD image sensor; f/1.4 9-54mm 6x power zoom lens; auto focus; auto exposure; auto white balance; 2-hour recording time on T-120 videocassette; 2/3" electronic viewfinder; macro focus; high-speed electronic shutter (1/500, 1/1000); minimum light 7 lux. 8.63 x 15.5 x 4.5 in; 5 lb. \$1,299

TOSHIBA

SK-3D7 VHS-C Camcorder

Switchable VHS-C or 3-D format camcorder with 3-D playback through 3D-CAM, conventional VCR, or directly on a TV via electronic adaptor and special LCD glasses. Features 2 1/2" CCD pickup; 300,000 pixels; 1/1000-sec shutter speed for increased clarity;



interval recording; 2 f/1.6 lenses with fixed focus; HQ; 21-function wired remote control with character generator; time, date, and title insert with fade; self timer (10 sec, 60 sec) \$2,850

SK-S80 S-VHS-C Camcorder

S-VHS-C camcorder with 2/3" CCD pickup. Features 400,000 pixels; interval recording; f/1.7 through-the-lens autofocus 6x power zoom lens with macro; 1/1000-sec shutter speed; HQ Pro; 21-function wired remote control with character generator; time, date, and title insertion with fader; self timer (10-sec, 60-sec). Comes with cassette adaptor; AC adaptor/battery charger; RF unit; battery pack; S-VHS-C tape; shoulder strap \$2,000

YASHICA

Kyocera Finemovie 8 AF KD-303U 8mm Camcorder

8mm camcorder with AFM sound recording system. Features autofocus 6:1 power zoom lens (9-54 mm) with macro; horizontal resolution 330 lines; 7-lux min illumination; date/time insertion; animation effects; wind compensation switch; auto iris; auto white balance; high-speed electronic shutter; frame advance; record/review; CCD pickup; earphone jack; flying erase head; swivelling electronic viewfinder with operation indicators; built-in electret condenser

microphone; A/V input/output jacks. Comes with AC pack; battery charge adaptor; RF converter; shoulder strap. 3.9 x 5.8 x 9.75 in; 2.4 lb without battery and tape \$1,830

Kyocera Finemovie 8 AF KD-1700U 8mm Camcorder

2-head 8mm camcorder with 2-title superimposition capability and mono AFM sound. Features CCD pickup; 6:1 power zoom lens (12-72 mm) with macro; recording search edit function; picture search; skip search; swivelling electronic viewfinder with diopter and operation indicators; flying erase head; auto backlight compensation; auto white balance; auto iris; 9-lux min illumination. 4.6 x 5.1 x 12.4 in; 2.4 lb without battery and tape \$1,695

ZENITH

VM7500 Super VHS Camcorder

Full-size VHS camcorder with Super VHS capability. Features 1/2" CCD pickup; f/1.4-2.2 8x (8.5-68mm) power zoom lens; auto focus; auto iris; auto white balance; 2 video heads; flying erase head; HQ; recording time 2 hours 40 minutes with T-160 tape; 0.7" detachable electronic viewfinder with diopter control; record/review; macro focus; backlight switch; built-in microphone; high-speed shutter (1/60-1/1000 of a second); animation mode; marks index code for playback on VCR with VHS Index Search System; date/time insert; audio/video fader; still/pause; audio/video dubbing; background music input; operates on AC (with adapter), DC (with optional car adapter) or rechargeable battery. Minimum light 7 lux; horizontal resolution 400 lines; power consumption 10 watts; video S/N > 45 dB. 7.63 x 5 x 15.5 in; 5.9 lb \$2,000

VM7050 VHS HQ Camcorder

Full-size VHS camcorder. Features 1/2" CCD pickup; f/1.4-2.6x (9-54mm) power zoom lens; auto focus; auto iris; auto white balance; 2 video heads; flying erase head; HQ; recording time 2 hours 40 minutes with T-160 tape; 0.7" detachable electronic viewfinder; backlight switch; built-in microphone; 1/1000-second high-speed shutter; animation mode; edit control; marks index code for playback on VCR with VISS; date/time insert; still/pause; audio/video fader; audio/video dubbing; background music input; AC/DC/battery operation. Minimum light 7 lux; horizontal resolution 240 line; power consumption 10 watts; video S/N > 40 dB \$1,500

VM6500 Super VHS-C Camcorder

Compact VHS-C camcorder with Super VHS. Features 1/2" CCD pickup; F/1.4-2.6x (9-54mm) power zoom lens; auto focus; auto iris; auto white balance; 4 video heads; flying erase head; HQ; recording time 60 minutes with TC-20 cassette (EP); 0.6" detachable



electronic viewfinder with diopter; backlight switch; built-in mic; high-speed shutter (1/60-1/1000 second); edit control; auto rewind; date/time insert; still/pause; A/V fader; video dubbing; AC/DC/battery operation. Min light 10 lux; horizontal resolution 400 lines (S-VHS); video S/N > 45 dB \$1,800

VIDEODISC PLAYERS



HITACHI

VIP9550 Videodisc Player

Front-loading industrial laser videodisc player with 200-frame track jump. Section play; 1-second access time; CX noise-reduction circuit; ext sync; random access; computer interface; optional remote control (LIV-800). 17.13 x 4.75 x 16.38 in; 27.5 lb. . . \$2,000

VIP9500 Videodisc Player

Top-loading consumer LVDP with semi-conductor laser diode, CAV/CLV; random access; 3-second access time; CX NR circuitry; ext sync; 350 lines resolution. 17.13 x 4.38 x 16.75 in; 24 lb. . . \$1,500

MAGNAVOX

CDV-474 Videodisc/CDV/CD Player

Remote-controlled videodisc player that also plays 5-inch CD singles, 5-inch audio CD's, and 8- and 12-inch videodiscs. Features a motorized horizontal disc-loading tray with recesses for three disc sizes; automatic identification and play of inserted disc; fast and slow motion replay; reverse play, freeze frame and random access . . . \$750

PIONEER

LD-S1 LaserDisc Player

Front-loading videodisc player with 8-bit RAM chip with 1-megabit memory that stores video signals for special effects. Features digital circuits for discs with digital sound; programs ten videodisc chapters; 4-second access in CAV, 7 second in CLV; remote control

compatible with Pioneer SR system; special effects include clear still picture with sound, still picture during search, strobe motion with sound, scan, multispeed play in CAV and CLV; video noise reduction; sharpness control; repeats side, chapter, memory, or segment; anti-resonant construction; full-floating drive; low-friction spindle motor; two gold-plated video output jacks; gold-plated headphone jack; port for personal computer; two D/A converters. Horizontal resolution 420 lines. \$2,000

LD-W1 LaserDisc Player

Videodisc player with dual disc play and digital sound. Features 8-bit sampling RAM with 1 megabit memory; 425 lines resolution; noiseless picture scan; laser pickup; continuous playback with choice of side and sequence; chapter program play; variable speed scan in either direction; digital memory; digital effects; jog and shuttle; still-step; 2x oversampling digital filter; contents calendar; last-ad dress memory; 6-mode repeat; gold-plated headphone terminal with volume control; 2 video outputs; I/O port for personal computer. \$1,700

CLD-3030 CD/CDV/LD Player with Remote

Plays all sizes of CD's and LD's. Features 4x oversampling digital filter, 8-bit sampling RAM with one megabit memory; laser pick-up; full auto disc selection; 20-chapter program play; chapter/ track skip; 10-key direct chapter/track search and play; frame number; search with CAV LD's; track and time search for CD/CDV's; remaining time indicator; jog and shuttle search; low and high scan modes; CD program edit; 5-mode repeat. \$1,300

CLD-1030 CD/CDV/LD Player

Plays all sizes of CD's and LD's. Features 425 lines resolution; 2x digital oversampling; laser pick-up; full auto disc selection; program play for 20 chapters; direct chapter search and play; frame number search with CAV LD's; auto program edit for CD to tape; 5-mode repeat; random play. \$900

SONY

MDP-700 Videodisc/CDV/CD Player

Videodisc/CDV/CD player capable of playing 3" and 5" CD's, 5" CDV's, and 8", and 12" videodiscs. Features 8-bit digital memory, digital picture play; stop motion; flash motion; picture art; picture recall; auto play; dual D/A converters; quadruple-oversampling digital filter; dual-motor system; Disc Protect; automatic music sensor in forward and reverse; automatic chapter search; 10-key remote function; jog-shuttle dial; shuffle play; A/B repeat; memory stop; auto on; auto off when not in use; headphone jack with adjustable level; 2 sets of gold-plated video and audio jacks. Horizontal resolution 425 lines; video S/N 47 dB \$1,450

MDP-200 Videodisc/CDV/CD Player

Videodisc/CDV/CD Player capable of playing 3" and 5" CD's, 5" CDV's, and 8", and 12" videodiscs. Features dual D/A converters; quadruple-oversampling digital filter; dual-motor system; Disc Protect for video discs; automatic music sensor in forward and reverse; automatic chapter search; memory stop; automatic power on; 16-track or 16-chapter programming; headphone jack; 1 set of video jacks; 2 sets of audio jacks; gold-plated terminals. Horizontal resolution 425 lines; video S/N 47 dB; audio S/N 100 dB; dynamic range 96 dB. \$950

TEKNIKA

HAVD10 Videodisc/CDV/CD Player

Videodisc player with automatic discrimination of format. Plays videodiscs, CDV's, CD audio discs. Digital circuits for discs with digital sound; remote control; CD subcode output. Horizontal resolution 400 lines; digital audio FR 4-20,000 Hz \$799

YAMAHA

CDV-1000 Videodisc/CDV/CD Player

Videodisc player with remote control. Plays videodiscs, compact disc-video, audio CD's. Features VHF output to TV receiver; audio outputs; audio playback with double-oversampling D/A converter; digital filtering; front-panel display of operating status, elapsed and remaining time of track or disc, CD track and index number; on-screen display; video output; track/chapter skipping in both directions; fast scan in both directions with audible sound from CD/CDV; still-picture mode and variable speed for video playback; phrase repeat for video and audio; keypad for direct access to video chapter and frame, audio track and index number. \$799

CDV-S100

CD/CDV player with remote control. Features audio/video select switch, 15-track random programmable access; 400 lines resolution; 3 disc format; 3" disc compatible \$499

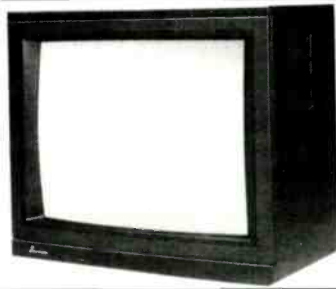


Pioneer LD-S1 Videodisc Player



Yamaha CDV-1000 Videodisc Player

MONITOR / RECEIVERS



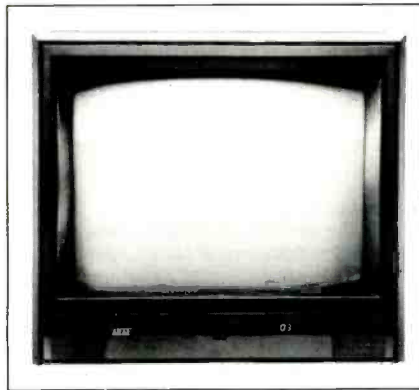
AKAI

CT-A358-B 35" Monitor/Receiver

Full-square picture tube with high-contrast faceplate; 181-channel frequency-synthesis tuner with MTS/SAP decoding; Super-VHS inputs; remote control. \$2,699

CT-A267-B 26" Monitor/Receiver

Full-square picture tube with high-contrast faceplate;



139-channel frequency-synthesis tuner with MTS/SAP decoding; remote control. Horizontal resolution 400 lines (with direct video input) . . . \$649

AOC

AC2134X 20" Stereo Monitor/Receiver

Monitor/receiver with 140-channel cable-compatible tuner. Features remote control; on-screen display; flat, square-corner screen; built-in automatic color control; 2.5-W/ch stereo sound system; variable audio and speaker output jacks; peak automatic gain control; LED stereo indicator; fully-automatic fine tuning; 2-speed auto search tuning system. . . . \$299
AC2134A. As above without stereo \$289

AC2034C 20" Monitor/Receiver

Features random-access; remote control; 140-channel cable-compatible tuner; on-screen display; Hibri-con High Color dark tinted glass picture tube; peak automatic gain control; fully-automatic fine tuning; built-in automatic color control; automatic degaussing; 1 built-in speaker; 2-speed auto search tuning system. \$259
AC1434C. As above, 13" screen \$229

AC2023A 19" Monitor/Receiver

Features 110-channel cable-compatible tuner; random-access tuning; Highbricon High Color dark tinted glass picture tube; peak automatic gain control; fully-automatic fine tuning; built-in automatic color controls; automatic degaussing; 1 built-in speaker; LED channel indicator; 2-speed auto search tuning system. \$229
AC1423A. As above, 13" screen \$199

EMERSON

TS4650D 27" Digital Stereo Monitor/Receiver

Table monitor/receiver with digital picture-in-picture. Features 140-channel cable-compatible tuner;

MTS/SAP stereo decoder with noise reduction; 2 built-in tuners; remote control; direct access; digital picture-in-picture includes freeze-frame, multi-screen, swap, and channel scan; on-screen displays; sleep timer; 2 A/V inputs/outputs; S-VHS input; 500 lines horizontal resolution; comb filter; automatic memory write/erase programmability; 24-hour memory backup; auto shut-off when a channel being viewed has been off the air for 15 minutes; dual side-firing speakers. \$1,000

MS2700RD 27" Stereo Monitor/Receiver

Table monitor/receiver with square screen. Features 140-channel cable-compatible tuner; infrared wireless remote control; MTS/SAP stereo decoder; on-screen display of channel and time; turn-off timer; 1 set video input/output jacks; 2 sets audio input/output jacks; dual external speaker jacks; stereo headphone jack; comb filter; horizontal resolution 500 lines; S-VHS input. 27.5 x 25 x 16 in \$850

MS2580RD 25" Stereo Monitor/Receiver

Table monitor/receiver with 140-channel cable-compatible tuner. Features MTS/SAP stereo decoder; 21-function remote control; on-screen displays; automatic memory write/erase programmability; comb filter; sleep timer; 24-hour memory backup; automatic power off when a channel being viewed has been off the air for 15 minutes; automatic fine tuning; automatic gain control; quick-start picture system; headphone jack. 28.3 x 23 x 25.6 in; 91 lb . . . \$630

MS2550RD 25" Monitor/Receiver

Table monitor/receiver with 140-channel cable-compatible tuner. Features 21-function remote control; on-screen displays; automatic memory write/erase programmability; comb filter; sleep timer; 24-hour memory backup; automatic power off when a channel being viewed has been off the air for 15 minutes; automatic fine tuning; automatic gain control; quick-start picture system; headphone jack with adjustable level. 28.3 x 23 x 25.6 in; 91 lb \$580

ECT2500D 25" Monitor/Receiver

Table monitor/receiver with automatic fine tuning. Features electronic tuning system; quick-start picture system; comb filter; 12-presets; automatic degaussing; simulated wood grain cabinet \$490

TS4354 19" Stereo Monitor/Receiver

Table monitor/receiver with MTS/SAP stereo decoder. Features remote control; 140-channel cable-compatible tuner; on-screen display; automatic memory write/erase programmability; sleep timer; auto power off; 24-hour memory backup; automatic color control system; automatic fine tuning; automatic degaussing; quick-start picture system; headphone jack. 17 x 19.8 x 19 in; 60 lb \$430
TC4352. As above without stereo. \$390

ECR2100 19" Monitor/Receiver

Table monitor/receiver with 110-channel cable-compatible tuner. Features 17-key remote control; auto power off; auto fine tuning and color control; 24-hour memory backup; quick-start picture; auto gain control; auto degaussing; memory erase/write. 23.2 x 15.7 x 18.7 in; 45.1 lb. \$370

TC4253 13" Monitor/Receiver

Table monitor/receiver with 140-channel cable-com-

patible tuner. Features 43-function remote control; on-screen display; automatic memory write/erase programmability; sleep timer; auto fine tuning; auto degaussing; quick-start picture; earphone and earphone jack; built-in 3" full-range speaker. 14.2 x 14.5 x 15.6 in; 23 lb \$330

ECT1900 19" Monitor/Receiver

Table monitor/receiver with automatic color control. Features quick-start picture; 12 station presets; 1-button color control; auto fine tuning; earphone jack with earphone; walnut grain cabinet. 23 x 15.5 x 19 in; 44.1 lb. \$320

EC194E 19" Monitor/Receiver

Table monitor/receiver with automatic color control. Features auto fine tuning; separate detent tuners for UHF and VHF; automatic gain control; automatic degaussing; quick-start picture; earphone and earphone jack; simulated woodgrain cabinet. 15.7 x 22.8 x 18.5 in; 46 lb \$310

ECR1350 13" Monitor/Receiver

Table monitor/receiver with 110-channel cable-compatible tuner. Features 17-key remote control; auto power off; auto fine tuning and color control; 24-hour memory backup; quick-start picture; auto gain control; auto degaussing; memory erase/write; earphone jack and earphone. 16.7 x 12.6 x 14.4 in; 23.5 lb \$310

PC6 5.5" Portable TV/Radio

Combination color TV and AM/FM radio. Features separate rotary controls for color, brightness, and contrast; sliding controls; automatic fine tuning; folding handle/stand combination; earphone. 5.5 x 9.6 x 12.4 in; 15 lb \$286

ECT1300 13" Monitor/Receiver

Monitor/receiver with quick-start picture. Features 12 station presets; 1-button auto color control; auto fine tuning; 1 full-range side-mounted speaker; earphone jack and earphone; simulated woodgrain cabinet. 16.75 x 12.75 x 15 in; 24.2 lb \$270

EC134E 13" Monitor/Receiver

Monitor/receiver with automatic fine tuning. Features automatic color control; separate detent tuners for UHF and VHF; automatic gain control; auto degaussing; quick-start picture; earphone jack and earphone; simulated woodgrain cabinet. 12.4 x 16.7 x 14.4 in; 26 lb. \$250

FISHER

HT-1510 35" Monitor/Receiver

Monitor/receiver with 35" high-resolution picture tube. Features 32-button wireless remote control; MTS/SAP stereo decoder; 181-channel cable-compatible tuner; comb filter; two 2-way stereo speakers with 6 1/2" woofers and 2" tweeters; stereo matrix circuitry for synthetic stereo; audio/video terminal array; built-in 7.5-W/ch stereo amplifier; bass, treble, and balance controls; on-screen display; off timer; wood finish cabinet with doors. \$2,899

HT-1400 35" Monitor/Receiver

Monitor/receiver with 35" high-resolution picture tube. Features 32-button wireless remote control; MTS/SAP stereo decoder; 181-channel cable-compatible tuner; comb filter; two 2-way stereo speakers

MONITOR / RECEIVERS

with 6½" woofers and 2" tweeters; stereo matrix circuitry for synthetic stereo; audio/video terminal array; built-in 7.5-W/ch stereo amplifier; bass, treble, and balance controls; on-screen display; off timer; Baldwin Oak cabinet with casters. \$2,799

PC-1550 35" Monitor/Receiver

Monitor/receiver with built-in amplifier with 5 W/ch driven into 8 ohms from 70-15,000 Hz with <1% THD. Features MTS/SAP stereo decoder; side-firing stereo speakers; 5-band graphic EQ; 181-channel cable-compatible tuner; random channel access; 32-button wireless remote control; on-screen display; comb filter; horizontal resolution 560 lines; Microtune Color circuitry; ABCC (Automatic Brightness and Contrast Control); alternate-channel recall; sharpness control; 3 sets video/audio inputs; 1 set video/audio outputs; 1 set TV outputs; 1 set variable audio outputs; switched AC outlet on back. Baldwin oak vinyl veneer cabinet. \$2,499

HT-8631 31" Stereo Monitor/Receiver

Monitor/receiver with built-in Dolby surround sound decoder. Features MTS/SAP stereo decoder; S-VHS input; built-in amplifier with 20 W/ch driven into 8 ohms from 100-15,000 Hz with <1% THD; two 2-way speakers with 6½" woofers and 2" tweeters; 181-channel cable-compatible tuner with random channel access; 52-button programmable remote control; on-screen display; auto timer shutoff; comb filter; 500 lines horizontal resolution; Microtune circuitry; ABCC; sharpness control; alternate channel recall; 2 sets audio/video inputs; 1 set audio/video outputs. Blue Ridge oak woodgrain vinyl veneer cabinet. \$2,299

PC-8331 31" Stereo Monitor/Receiver

Monitor/receiver with S-VHS input. Features built-in Dolby surround sound processor; MTS/SAP stereo decoder; 20 W/ch amplifier driven into 8 ohms from 70-15,000 Hz with <1% THD; 5-band graphic EQ; side-firing speakers; 181-channel cable-compatible tuner; 42-button wireless remote control; Digicon expanded on-screen displays; auto timer shutoff; comb filter; horizontal resolution 500 lines; Microtune Color circuitry; ABCC; alternate channel recall; auto fine tuning; 2 sets audio/video inputs; 1 set audio/video outputs; external speaker jacks. Baldwin oak finish. \$1,200

HT-897 27" Stereo Monitor/Receiver

Console TV with 27" square picture tube. Features 27-button wireless remote control; MTS/SAP tuner; 20-W/ch stereo audio amplifier; 2-way speaker system with two 6½" woofers and two 2" tweeters; 5-band graphic equalizer; 181-channel cable-compatible tuner; on-screen display of time, channel, volume and timer shut-off; auto timer shut-off; comb filter; alternate channel recall; 2 sets video/audio inputs; 1 set video/audio output; smoked-glass filter; VCR storage in base of cabinet. Solid oak trim on oak finish wood cabinet. \$1,200

HTD-900 27" Digital Monitor/Receiver

Console stereo monitor/receiver with 27" digital picture tube. Features 32-button wireless remote control; MTS/SAP tuner; digital special effects including picture-in-picture, freeze frame; 181-channel cable-compatible tuner; 3 audio/video inputs; 1 audio/video output; amplifier delivers 7.5 watts per channel; two front-firing 2-way speakers; comb filter; on-screen display of channel, time, picture and audio functions; alternate channel recall; stereo synthesizer. \$1,000

PC380 27" Stereo Monitor/Receiver

Table-model TV with 27" square picture tube. Features 31-button wireless remote control; MTS/SAP tuner; 5 W/ch stereo audio amplifier; 181-channel cable-compatible tuner; on-screen display of time, channel, picture and audio functions; external speaker terminals; bass, treble, loudness, and balance controls; comb filter; 2 sets video/audio inputs; 1 set

video/audio outputs; 1 variable audio L/R output. Hickory woodgrain vinyl veneer finish. \$950

HT-895 27" Stereo Monitor/Receiver

Console monitor/receiver with comb filter. Features 31-button wireless remote control; MTS/SAP stereo decoder; 181-channel cable-compatible tuner; two 2-way stereo speakers with 6½" woofers and 2" tweeters; stereo matrix circuitry for synthetic stereo; audio/video terminal array; built-in 7.5-W/ch amplifier; bass, treble, and balance controls; on-screen display; off timer; glass-covered storage space. \$900

HT-797 26" Stereo Monitor/Receiver

Console monitor/receiver with built-in 5-band graphic EQ. Features 23-button wireless remote control; MTS/SAP stereo decoder; 181-channel cable-compatible tuner; comb filter; two 2-way stereo speakers with 5" woofers and 2" tweeters; stereo matrix circuitry for synthetic stereo; audio/video input array; built-in 7.5-W/ch stereo amplifier; on-screen display; off timer; glass-covered storage space. \$900

PC390WS 27" Stereo Monitor/Receiver

Monitor/receiver with MTS/SAP stereo decoder. Features 27-button wireless remote control with 10-key random access channel selection; built-in 5-W/ch stereo amplifier; S-VHS input; built-in 5-band graphic EQ; 181-channel PLL quartz-locked digital-synthesized cable-compatible tuner; two sets of audio video inputs/outputs; comb filter; 2 full-range 4" speakers. 26.9 x 24.1 x 21.6 in; 82.7 lb. \$850

HT-890 26" Stereo Monitor/Receiver

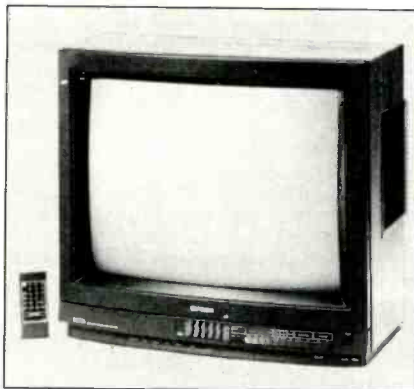
Monitor/receiver with MTS/SAP stereo decoder. Features 31-button wireless remote control; 181-channel cable-compatible tuner; comb filter; audio/video terminal array; built-in 7.5-W/ch stereo amplifier; two 2-way speakers with 6½" woofers and 2" tweeters; bass, treble, and balance controls; on-screen display; off timer; cabinet with doors. \$800

PC387WS 27" Stereo Monitor/Receiver

Monitor/receiver with built-in 5-W/ch stereo amplifier. Features S-VHS input; 181-channel cable-compatible tuner; 5-band graphic EQ; audio/video terminal array; comb filter; 4" full range speakers; Microtune Color; mute. 26.9 x 24.1 x 21.6 in; 80.5 lb. \$800

PC370W 26" Stereo Monitor/Receiver

Table-model TV with 26" square picture tube. Features 23-button wireless remote control;



MTS/SAP tuner; 5 W/ch amplifier for internal speakers; 20 W/ch amplifier for external speakers; 5-band graphic equalizer; 181-channel frequency-synthesized cable-compatible tuner; on-screen display of timer, channel, volume and timer shut-off; comb filter; alternate channel recall; 2 sets audio/video inputs; 1 set audio/video outputs; 1 set variable audio outputs; external speaker terminals with front panel on/off switch. Available with baldwin oak vinyl-

veneer finish. \$700

PC367 26" Stereo Monitor/Receiver

Table-model monitor/receiver with built-in 5-band graphic EQ. Features MTS/SAP stereo decoder; 23-button wireless remote control; 181-channel cable-compatible tuner; comb filter; audio/video terminal array; built-in 3.5-W/ch stereo amplifier; 2 full-range speakers; external speaker jacks with front-panel speaker switch; on-screen display; off timer; built-in headphone jack. \$650

GE

26GC642 26" Stereo Console Color Television

26" console with square-corner picture tube. Features built-in MTS decoder; wireless remote control; on-screen display; sleep timer; channel memory; audio/video input/output terminals; dark oak finish on fiberboard and select hardwood solids. 31.13 x 38.38 x 19 in. \$649

26GC641. As above with pine finish cabinet. \$649

26GC640. As above, light oak cabinet. \$649

26GT622 20" Stereo Color Television

20" table-model with square-corner picture tube. Features built-in MTS decoder; wireless remote control; on-screen display; sleep timer; channel memory; cable/air switching; audio/video input/output terminals; gun metal finish on high impact plastic. 23.88 x 27.25 x 18.75 in. \$629

26GT620. As above with oak finish on high-impact plastic. \$579

25GC342 25" Console Television

25" console television with square-corner picture tube. Features digital remote control; cable-compatible tuning; automatic contrast/color tracking; oak finish on fiberboard and hardwood solids. 30 x 35.75 x 19.75 in. \$469

25GC341. As above with pine finish. \$469

25GC340. As above with Tawny oak finish. \$469

8-2503 25" Console Television

25" console with square-corner picture tube. Features automatic fine tuning; automatic color/contrast tracking; sharpness control; woodgrain finish with oiled-oak look on high-impact plastic. 28.25 x 32.5 x 19.13 in. \$399

20GT610 20" Stereo Color Television

20" table-model with square-corner picture tube. Features digital remote control; cable-compatible quartz tuning; built-in MTS decoder; wireless remote control; on-screen display; sleep timer; channel memory; audio/video input/output terminals; walnut finish on high-impact plastic. 18.88 x 20.5 x 18.75 in. \$429

20GT420. As above, lacks stereo. \$359

20GT309. As above, lacks remote control. \$289

8-2062 20" Stereo TV

20" table-model with square-corner picture tube. Features MTS decoder; digital remote control; cable-compatible quartz tuning; sharpness control; silver on high impact plastic. 17.88 x 24.75 x 18.88 in. \$379

8-2033. As above, lacks stereo. \$319

8-1932 19" Remote TV

Table-model with 19" picture tube. Features digital remote control; cable-compatible quartz tuning; sharpness control; venetian oak finish on high impact plastic. 16.88 x 23.25 x 19.24 in. \$299

8-1902. As above, lacks remote. \$239

13GP430 13" Portable Color Television

13" portable model with remote control. Features cable-compatible quartz tuning; on-screen display; sleep timer; channel memory; cable/air switching; oak finish on high impact plastic. \$289

13GP229. As above, lacks remote control. \$239

09GP223 9" Portable Color Television

9" portable model with two-way AC/DC operation.

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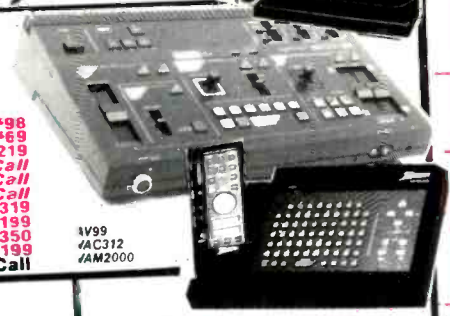
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MONITOR/RECEIVERS

Features signal seek tuning; high contrast picture tube; removable sun shield; gloss black finish on high-impact plastic. 10 x 11.38 x 12.88 in. \$259
09GP222. As above with silver finish. \$259
09GP221. As above with slate blue finish. \$259
09GP220. As above, lacks DC operation. \$199

GOLDSTAR

CMT-2615 26" Stereo TV with Remote
 Console TV with dark glass picture tube; built-in MTS/SAP decoder; 139-channel cable-compatible tuner; two audio/video inputs; one audio/video output; external speaker jacks; comb filter; on-screen display of channel, time, volume and audio mode; skip memory; turn-off timer; top mounted controls; monitor-look cabinet; frequency-synthesized tuning; remote control. \$899

CMT-2612 26" Stereo Monitor/Receiver
 Table monitor/receiver with built-in MTS/SAP stereo decoder. 139-channel cable-compatible tuner; audio/video input and output terminals; 2 speakers; on-screen display of channel, time, volume and audio mode; turn-off timer; random-access remote control; frequency-synthesized tuning; comb filter. \$800

CMT-2535 25" Stereo Monitor/Receiver
 Console monitor/receiver with built-in MTS decoder. 139-channel cable-compatible tuner; on-screen display of channel, time; high-resolution comb filter; audio/video input/output terminals. 30.88 x 39.63 x 19.88 in. \$850
CMT-2532. Table-model, similar to above. \$750

CMT-2155 20" Stereo Monitor/Receiver
 Table monitor/receiver with built-in MTS decoder. 139-channel cable-compatible tuner; on-screen display of channel, time; audio/video input/output terminals; simulated woodgrain finish; frequency-synthesized tuning system; comb filter. 18.7 x 20.1 x 18.0 in; 51.5 lb. \$650

CMT-2132 20" Stereo Monitor/Receiver
 Monitor/receiver with built-in MTS/SAP decoder. Features one audio/video input; 2 audio/video outputs; 19-key remote control; random-access frequency-synthesized tuning; programmable scan; comb filter; 90-minute sleep timer. Receives 13 VHF, 69 UHF, 57 CATV channels. Horizontal resolution 280 lines; power consumption 120 W; audio output 3 W/ch. 19.9 x 16.9 x 20.1 in; 59.4 lb. \$650

KMV-9012 19" Monitor/Receiver with Built-in VCR
 Table monitor/receiver with built-in VHS VCR. Features 110-channel cable-compatible tuner; unified remote control; 8-event/2-week timer; HQ; auto power, play and rewind. 19.63 x 19.63 x 18.63 in; 70.6 lb. \$699

KMV-9002 19" Monitor/Receiver with Built-in VCR
 Table monitor/receiver with built-in VHS VCR. Features 105-channel cable-compatible tuner; up to 8 hours record/playback with a T-160 tape; unified remote control; 2 video heads; visual search; auto rewind at tape end; recording and playback in SP, LP and SLP modes; video signal-to-noise ratio 43 dB; power consumption 110 watts. 20.13 x 19.88 x 18.88 in; 68 lb. \$599

GVT-9100M 5" Monitor/Videocassette Player
 "Moviebox" 5" monitor with built-in videocassette player. Features square cornered picture tube; built-in amplifier; built-in speaker; plays VHS tapes in SP speed; auto repeat; auto rewind; fine still; fine slow; AC and DC operation. 16.75 x 4.88 x 13.5 in; 17.7 lb. \$549

CMT-9442V 19" Stereo TV with Remote
 Table TV with on-screen display of channel and time features; built-in MTS decoder; 139-channel cable-compatible tuner; comb filter; frequency-synthesis tuning. \$600

HEATHKIT

GRS-2700-1 27" Stereo TV Kit
 Stereo TV kit (must be assembled). Features Zenith system-3 picture; remote control for television and videocassette recorder functions; parental control over channels; flashback between two channels; flat black matrix picture tube; 178-channel cable-compatible tuner. Horizontal resolution 330 lines; built-in 5 watt per channel amplifier with two 3" and two 6 1/2" speakers. Modern style-cabinet. 29.38 x 41 x 18.5 in; 208 lb. \$650
GRS-2700-2. As above with Mediterranean-style cabinet. 33 x 47.5 x 18.5 in; 199 lb. \$650

GR-9009 9" AC/DC Color TV Kit
 Portable 9" color TV with AC/DC power supply (must be assembled). Features 178-channel cable-compatible tuner; sunscreen; whip antenna. Black cabinet. 10.25 x 10.5 x 11.88 in; 25 lb. \$250

HITACHI

TT8550 31" Stereo Monitor/Receiver
 Digital console TV with 31" aspherical high-performance square tube. Features 39-built unified remote control; built-in MTS/SAP decoder; dual tuners receive conventional VHF/UHF and 125 cable channels; digital special effects include picture-in-picture; A/V input/output jacks; Y/C input; built-in surround sound system; comb filter; on-screen display picture/sound control; turn-off timer; channel block. Horizontal resolution 600 lines. Cherry finished wood-veneer cabinet. 34.75 x 41.5 x 22.25 in; 176.4 lb. \$2,900
TT8050. As above without digital picture-in-picture feature. \$2,600
TT8020. As above with swivel base. \$2,500
CT3185. As TT8550 except table-model with retractable speakers. 31 x 28 x 22 in; 132.4 lb. \$2,500
CT3180. As above without digital picture-in-picture feature. \$2,200

CT7886 27" Stereo Monitor/Receiver
 Console TV with 27" full-square picture tube. Features programmable remote control; S-VHS inputs; built-in MTS/SAP decoder; 181-channel cable-compatible tuner; audio/video input/output terminals; comb filter; on-screen display volume, channel, time. Horizontal resolution 560 lines. Contemporary-style cabinet. \$1,200
CT7890. As above except table model. \$950
CT7880. As above except table model; available in black or woodgrain finishes. \$850
CT7870. As above, lacks S-VHS inputs. \$750

CT2670 Stereo Monitor/Receiver
 26" square tube tabletop monitor/receiver with built-in MTS/SAP. 500-line resolution; side-mounted front-firing speaker system; 28-button TV/VCR unified remote control; 131-channel cable-ready; on-screen display; black-vinyl or woodgrain finishes. 25.25 x 23.5 x 19 in; 94.4 lb. \$650

CT-2079 20" Monitor/Receiver
 20" square-tube tabletop monitor/receiver with built-in MTS/SAP and surround sound. 430-line horizontal resolution; white balance control; on-screen display; 34-button TV/VCR unified remote control; 125-channel cable compatibility; last-channel recall; off timer; black-vinyl over wood products cabinet. 25 x 18.5 x 19.5 in; 57.4 lb. \$580
CT-2087. As above without surround sound; 25-button remote control; 131-channel cable compatibility. \$470
CT-2086. As above without MTS/SAP. \$440
CT-1386. As above 13" model. \$330

CT-2085 Monitor/Receiver
 20" tabletop monitor/receiver with on-screen display; white balance; 23-button random access; off timer; last-channel recall. \$380
CT-1385. As above 13" model. \$300

CK-290 Portable Monitor/Receiver
 5" portable monitor/receiver with 3-way power operation (car DC adaptor and AC power pack included) and channel search tuning. Options include wired remote control with off timer and 2-channel memory and rechargeable battery; 6 x 6.5 x 12.75 in; 9.3 lb. \$370
CK-280. As above, no AC power pack. \$360

JVC

AV-M3587S 35" Stereo Monitor
 Network-series color table monitor with S-VHS terminal for connecting separated Super VHS luminance and chrominance (Y/C) signals. 35" full-square data-grade tinted picture tube; video noise reduction; delay-line aperture control for enhanced picture edges; notch filter eliminates dot interference; Video Status Memory stores picture and sound settings for each source; three audio/video inputs; line outputs; amplifier delivers 5 watts per channel into two 2"-x-3 1/2" speakers; terminals for external speakers; color on/off switch; switch for VHD videodiscs; measures ambient light for optimal brightness; wideband comb filter; one-year in-home service warranty on labor, two-year warranty on parts. Horizontal resolution 560 lines. 37 x 32.25 x 23.8 in; 220.5 lb. \$2,999

AV-3500S 35" Stereo Monitor
 Tabletop monitor with S-VHS (Y/C) input; FS/data-grade picture tube; 560 lines horizontal resolution; unified remote control; A/V status memory; graphic equalizer; wide-band comb filter; video noise reduction; delay-line aperture control circuitry; notch filter; stereo capability; 3 A/V inputs; 1 line output; color on/off switch; EE auto ambient-light-compensation circuitry. \$2,999
Receiver. For above. Features 142-channel cable-compatible tuner; MTS/SAP stereo decoder; 30-W/ch amplifier; multi-function remote; monitor terminal; 3 A/V inputs; 1 line out; TV out; variable audio output; external speaker terminals; 2 RF inputs; surround-sound processor; auto channel scan; off timer; return channel. \$599
Speaker Rack System. For above. Features 2-way coaxial speaker system; FR 50-20,000 Hz; max power handling 30 W/ch. \$429

AV-2658S 26" Stereo Monitor/Receiver
 Monitor/Receiver with S-VHS input. Features unified remote control; FS tinted picture tube; MTS/SAP stereo decoder; comb filter; 192-channel cable-compatible tuner; 2 RF inputs; multiple terminal array; built-in surround-sound circuitry; built-in clock timer; A/V status memory; home sitter security system capability; channel lock; return channel; auto channel scan; on-screen display. \$779
AV-2058S. As above, 20" screen, TV-only remote control; no RF inputs. \$529

C-2628 26" Monitor/Receiver
 Monitor/receiver with remote control. Features FS tinted picture tube; 125-channel cable-compatible tuner; built-in clock/timer; A/V status memory; channel lock; return channel; auto channel scan; choice channel selection (3 most used channels). Black cabinet. \$569
C-2638. As above, simulated wood cabinet. \$569

C-2028 20" Monitor/Receiver
 Monitor/receiver with remote control. Features FS tinted picture tube; 125-channel cable-compatible tuner; clock/timer; A/V status memory; home sitter security system capability; channel lock; return channel; auto channel scan; choice channel selection (3 most used channels). Black finish. \$399

C-1918 19" Monitor/Receiver
 Monitor/receiver with remote control. Features tinted picture tube; 125-channel cable-compatible tuner; A/V status memory; home sitter security system capability; built-in clock timer; return channel; auto channel scan; choice channel selection. Black fin-

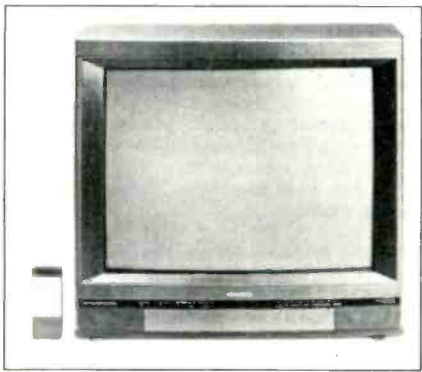
MONITOR / RECEIVERS

ish \$379
C-1328. 13" screen, with channel lock \$339

KENWOOD

KMT-3027 27" Stereo Monitor/Receiver

Stereo monitor/receiver with tinted-black, matrix, square screen. Features 560 lines horizontal resolution; S-VHS/ED-Beta input; comb luminance filter; peak white suppressor circuit; automatic black level retention circuit; built-in color control; 2 A/V inputs;



monitor/TV outputs; Quick View for alternating between two channels; remote control; PLL-synthesized tuner; MTS/SAP decoder; bass, treble, and stereo balance controls; sound wide; on-screen display; 90-minute sleep timer. \$1,150

LLOYD'S

L960 19" Monitor/Receiver/VCR

Table monitor/receiver with built-in VCR and black matrix screen. 110-channel cable-compatible tuner; freeze frame; audio/video inputs/outputs; one-touch recording; on-screen display of channel and time and 6-event/14-day programming; edit button; auto power on/off, rewind and eject. 23.5 x 26.4 x 22.7 in; 80 lb \$1,100

L951 13" Monitor/Receiver/VCR

Table monitor/receiver with built-in VHS VCR. Features wireless remote control; 110-channel cable-compatible tuner; 1-event/14-day programming; auto rewind; one-touch recording; high speed search; SP, LP and SLP recording/playback; still frame; A/V input/outputs. 16.9 x 14.7 x 14.7 in \$900

MAGNAVOX

RH7710AK 31" Stereo TV

Console TV with surround-sound stereo system. Features TV/VCR/cable universal remote control with "Learn Mode"; 10 watt stereo sound system with dbx; 178 total channel capability; flat-square picture tube; PIP capability; on-screen menu displays; channel block; rear panel connections; built-in MTS/SAP stereo decoder; S-VHS connector jack \$2,200
RH1770AK. As above without remote. \$1,999

RH7600AK/7604AK 27" Stereo TV

Console TV with surround-sound stereo system. Features menu format remote control; 10-watt stereo sound system; 178 total channel capability; flat square picture tube; PIP; on-screen menu displays; channel guide display; channel block; rear panel connections; built-in MTS/SAP stereo decoder; S-VHS connector. \$999

RJ5564CH 27" Tabletop TV

Features S-VHS jacks; MTS stereo w/dbx; TV/VCR/cable universal remote control with "Learn Mode"; surround sound \$999

RJ5562CH 27" Tabletop TV

Features S-VHS jacks; TV/VCR/cable universal

remote control; picture-in-picture; MTS/SAP stereo decoder with dbx noise reduction \$899

RJ6050AK/6054HP/6056PE 27" TV

Console TV features S-VHS jacks; MTS stereo w/dbx; TV/VCR/cable menu format universal remote control. \$849

RJ5550AK/5552CH 27" Tabletop TV

Features S-VHS jacks TV/VCR/cable menu driven universal remote control; MTS stereo w/dbx. \$799

RJ6020AK/6024AK/6026PE 27" TV

Console TV features MTS stereo, TV/VCR universal remote control; on-screen adjust display \$749

RJ5540AK/5542CH/ 27" Tabletop TV

Features MTS stereo TV/VCR/cable universal remote control; on-screen adjust \$699

RJ4910AK/4914HP/4916PE 25" TV

Console TV features MTS stereo; 23-button remote control. \$599

RJ4484AK 25" Tabletop TV

Features MTS stereo; TV/VCR universal remote control; on-screen adjust; 178 channels \$549

RJ4488CH 25" Tabletop TV

Features MTS stereo; 23-button remote control; on-screen adjust \$529

RJ4812AK/4814HP/4816PE 25" TV

Console TV features on-screen adjust display; 23 button remote control \$499

RJ4476WJ 25" Tabletop TV

Features 23-button remote control; on-screen adjust; picture reset; sleep timer \$499

RJ4348CH/4349WA 20" Tabletop TV

Features MTS stereo; TV/VCR universal remote control; on-screen adjust \$499

RJ4344CH 20" Tabletop TV

Features MTS stereo; 23-button remote control; on-screen adjust \$469

RJ4340WA 20" Tabletop TV

Features MTS stereo; TV/VCR universal remote control; on-screen adjust \$469

CJ4712AK/4714HP/4716PE 25" TV

Console TV features on-screen adjust display; remote control ready; 178 channels. \$449

RJ4330WA/4334CH 20" Tabletop TV

Features television/videocassette recorder universal remote control; on-screen display of channel, time, and color and sound adjustments. \$399

RJ4324CH 20" Tabletop TV

Features 23-button remote control; on-screen adjust \$369

RJ4320WA 20" Tabletop TV

Features television/videocassette recorder universal remote control; on-screen display of channel, time, and sound and color adjustment. \$369

RJ4250WA 19" Tabletop TV

Features 18-button remote and sleep timer ... \$300

RJ4049WA 13" Portable TV

Features 18-button remote and sleep timer ... \$299

CJ3922 5" Portable TV

Features AC/DC operation; AM/FM car cord; TV/video switch \$259

CJ4146WA 19" Tabletop TV

Features electronic random access tuning; channel scan \$249

RJ4044WA 13" Portable TV

13" portable TV with 17-button remote \$249

CJ4130WA 19" Tabletop TV

19" table-top TV with auto fine tuning. \$229

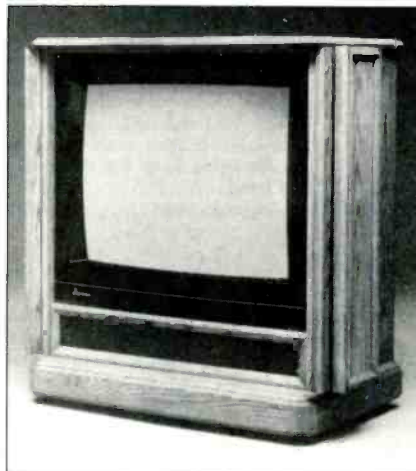
CJ4047WA 13" Portable TV

Features electronic random-access touch tuning; channel scan \$219

MITSUBISHI

CK-3514R 35" Digital Stereo Monitor/Receiver

Stereo monitor/receiver with full-square, high-contrast, black-matrix Diamond Vision II picture tube. Features high-current scandium oxide cathode electron gun; comb filter; digital sync; 181-channel cable-compatible tuner; auto-programmable channel memory scan; Quick View; off timer; on-screen display; MTS; high-velocity scan modulation; video noise reduction; notch filter; digital effects include picture-in-picture, inversion, multi-screen preview, strobe; digital sync; channel lock; program timer; 10-W/ch 2-speaker sound system; external speaker jacks; S-VHS input; 2 video and stereo audio inputs; video output; variable stereo audio outputs; tuner output; remote control. Oak-veneer finish \$2,899



CK-3560R. As above with bi-fold doors. \$3,199

CS-3504R. As above, dark-gray finish \$2,599

CS-3103. As above, 31" screen \$1,999

CS-2671R 26" Stereo Monitor/Receiver

Stereo monitor/receiver with full-square, high-contrast, black-matrix Diamond Vision II picture tube. Features high-current scandium oxide cathode electron gun; comb filter; digital sync; 181-channel cable-compatible tuner; auto-programmable channel memory scan; Quick View; off timer; on-screen display; MTS; 10-W/ch 2-speakers; external speaker jacks; S-VHS input; 2 video/stereo audio inputs; video output; variable stereo audio outputs; tuner output; remote control. Oak veneer finish \$999

CK-2605R 26" Stereo Monitor/Receiver

Stereo monitor/receiver with full-square, high-contrast, black-matrix Diamond Vision II picture tube. Features comb filter; digital sync; 181-channel cable-compatible tuner; auto-programmable channel memory scan tuning; Quick View; channel lock; program timer; off timer; on-screen display; MTS; bass and treble controls; 2-speaker sound system; S-VHS input; 2 video and stereo audio inputs; video output; variable stereo audio outputs; remote control. Pecan veneer \$999
CD-2604. As above, oak veneer \$999

CK-2602R 26" Stereo Monitor/Receiver

Stereo monitor/receiver with full-square high-contrast, black-matrix picture tube. Features 181-channel cable-compatible tuner; auto-programmable

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channel memory scan; Quick Review; off timer; MTS; 2 speakers; S-VHS input; video input; variable stereo audio output; remote control \$899

CS-2657R 26" Stereo Monitor/Receiver

Stereo monitor/receiver with full-square, high-contrast, black matrix Diamond Vision II picture tube. Features high-current scandium oxide cathode electron gun; comb filter; digital sync; 181-channel cable-compatible tuner; auto-programmable channel memory scan; Quick View; channel lock; program timer; off timer; on-screen display; MTS; bass; treble; 2-speaker sound system; external speaker terminals; S-VHS input; 2 video and stereo audio inputs; video output; variable stereo audio outputs; remote control. Matte black finish \$799
CS-2658R. As above, white finish \$799

CS-2656R 26" Stereo Monitor/Receiver

Table-model stereo monitor/receiver with full-square, high-contrast, black matrix picture tube. Features 181-channel cable-compatible tuner; auto-programmable channel memory scan; Quick View; off timer; on-screen display; MTS; 2 speakers; S-VHS input; video and stereo audio input; variable stereo audio output; remote control; 450 lines horizontal resolution. Pecan finish \$699

CS-2060R 20" Stereo Monitor/Receiver

Stereo monitor/receiver with full-square, high-contrast, black-matrix picture tube. Features 181-channel cable-compatible tuner; auto programmable channel memory scan; Quick View; off timer; on-screen display; MTS; bass and treble controls; 2-speaker sound system; S-VHS input; video and stereo audio input; variable stereo audio output; remote control. Dark gray finish \$499
CS-2058R. As above, pecan finish \$499

NEC

KX3090S 30" Stereo Monitor/Receiver

Console monitor/receiver with matrix, hall, and Dolby surround sound. Features S-VHS input; MTS/SAP stereo decoder; >500 lines horizontal resolution; 2 RF inputs/1 RF output; on-screen display; 3 video inputs/2 video outputs; external speaker jacks; channel lock; 180-minute sleep timer; 24-hour on timer; system A/V remote control; subwoofer out; 4 built-in speakers; built-in amplifier delivers 4 x 10W; auto peak white; auto fleshtone adjustment; auto kine bias \$2,199
KX2792S. As above, 27" screen, auto channel preset, velocity scan, VCR swivel base, no subwoofer output \$1,399

CT-3000S 30" Stereo Monitor/Receiver

Monitor/receiver with >500 lines horizontal resolution. Features S-VHS input; MTS/SAP stereo decoder; comb filter; 2 RF inputs/1 RF output; on-screen display; 3 video inputs/2 video outputs; external speaker jacks; channel lock; 180-minute sleep timer; on timer; system A/V remote control \$1,999

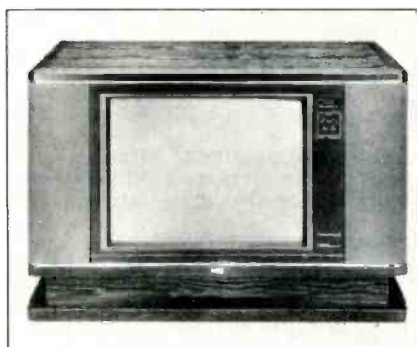
DT-2680A 26" Stereo Monitor/Receiver

Table monitor/receiver with digital video and flat square screen. Video can be processed for picture-in-picture and 3 still pictures in memory. Also features monitor-in function for swapping pictures; digital processing LSI for video, chroma (with comb filter); 8-pin RGB input for computer input; 3 audio/video inputs; 2 monitor outputs; 2 audio outputs; built-in MTS/SAP stereo decoder; 142-channel PLL synthesizer cable-ready tuner with presets; wireless remote control; on-screen display; sleep timer; video and audio 2-type auto preset control function; auto white-balance control. Horizontal resolution >340 lines; receives VHF, UHF, 60 CATV channels; stereo amp delivers 5 watts x 2 (THD 1%) for 2 external speakers. 26 x 19.4 x 22.6 in; 108 lb \$1,999

KX2791A 27" Stereo Monitor/Receiver

Console monitor/receiver with matrix, hall, and

Dolby surround sound. Features >500 lines horizontal resolution; 3 RF inputs/1 RF output; on-screen display; 3 video inputs/2 video outputs; external speaker jack; channel lock; 180 minute sleep timer; 24-hour on timer; system A/V remote control; 4



built-in speakers; amp delivers 4 x 10 W; auto peak white; auto fleshtone adjustment; auto kine bias \$1,299

CT-2770S 27" Stereo Monitor/Receiver

Monitor/receiver with comb filter. Features S-VHS input; built-in MTS/SAP stereo decoder; video noise reduction; horizontal resolution >500 lines; 2 RF inputs/1 RF output; on-screen display; 3 video inputs/2 video outputs; external speaker jack; mono subwoofer output; channel lock; 180-minute sleep timer; 24-hour on timer; system A/V remote control; velocity scan; auto peak white; auto color adjustment; auto kine bias; caption-capable \$1,099

CT-2610 26" Stereo Monitor/Receiver

Table monitor/receiver with full-square tube, MTS and SAP. Features 2 front-mounted stereo speakers powered by 3-W/ch amp (THD 1%), with external speakers 5-W/ch output (THD 1%); headphone outputs; bass, treble, and balance controls; comb filter; on-screen channel/time display. Rear-panel includes: 2 RF inputs, 1 RF output, 2 video inputs, 1 monitor output, 1 TV output, and 2 sets of stereo/audio outputs. Receives VHF, UHF, and 60 CATV channels. Horizontal resolution 400 lines; 142-channel cable-ready PLL-synthesizer tuner with random-access remote control; 26 x 23.6 x 19 in; 88.3 lb \$1,000

CT-2620S 26" Stereo Monitor/Receiver

Monitor/receiver with on-screen time and channel display. Features S-VHS input; MTS/SAP stereo decoder; comb filter; horizontal resolution >500 lines; 2 RF inputs/1 RF output; 2 video inputs/1 video output; external speaker jack; 90-minute sleep timer; system remote control \$999

CT-2762S 27" Stereo Monitor/Receiver

Monitor/receiver with S-VHS input. Features MTS/SAP stereo decoder; comb filter; horizontal resolution >500 lines; 1 RF input; on-screen display; 1 video input/output; mono subwoofer output; channel lock; 180-minute sleep timer; system A/V remote control; auto peak white; 4 built-in full-range speakers with separate subwoofer; auto channel preset \$899

CT-2660A 26" Stereo Monitor/Receiver

Table monitor/receiver with flat square cornered screen, 142-channel cable-compatible tuner; 1 video input; 2 audio inputs/outputs; amplifier delivers 2.5 watts per channel; 2 speakers; comb filter; on-screen display of channel and time; turn-off timer. Horizontal resolution 380 lines. 30.75 x 23.2 x 21.5 in; 84.9 lb \$899

CT-2750S 27" Stereo Monitor/Receiver

Monitor/receiver with MTS/SAP stereo decoder. Features S-VHS input; comb filter; horizontal resolution >500 lines; 1 RF input; on-screen display of

time, channel, and timer; 1 video input/output; mono subwoofer output; 90-minute sleep timer; system remote control \$879

CG-2606A 26" Stereo Monitor/Receiver

Monitor/receiver with MTS stereo decoder. Features comb filter; horizontal resolution >400 lines; 1 RF input; on-screen display of channel and time; 1 video input/output; 90-minute sleep timer; system remote control; auto color adjustment \$799

CT-2070S 20" Stereo Monitor/Receiver

Monitor/receiver with S-VHS input. Features MTS/SAP stereo decoder; comb filter; video noise reduction; horizontal resolution >500 lines; auto channel preset; variable audio out; 2 RF inputs/1 RF output; on-screen display; 3 video inputs/1 video output; external speaker jacks; channel lock; 180-minute sleep timer; 24-hour on timer; system A/V remote control; auto peak white; auto color adjustment; auto kine bias; mono subwoofer output; caption capability \$699

CT-2015A 20" Stereo Monitor/Receiver

Monitor/receiver with MTS/SAP stereo decoder; comb filter; >450 lines horizontal resolution; variable audio out; 1 RF input; on-screen display of channel and time; 1 video input/output; 90-minute sleep timer; system remote control; auto color adjustment; twin side speakers \$599

CT-2006AS 20" Stereo Monitor/Receiver

Table monitor/receiver with tinted flat square screen. Full coverage cable-compatible tuner; 1 stereo audio/video input; 1 audio/video output; amplifier delivers 1.5 watts per channel; 2 speakers; comb filter; turn-off timer. 20.25 x 18.3 x 18.5 in; 49.6 lb \$549

PANASONIC

CTK-3196S 31" Monitor/Receiver

155 channel console monitor/receiver with casters and swivel base. Features wideband video amplifier; CCD comb, saw, and notch filters; velocity modulated scan; TV/VCR/CATV-learning remote control; A/V input jacks; A/V output jacks; dual UHF/VHF antenna inputs; EIA multi-port cable interface; S-VHS input jack; stereo and separate audio program capability; Dolby surround sound; on-screen graphic EQ; 4-speakers; variable audio output jacks; external speaker terminals; auto programming; on-screen displays and menu prompts; clock and programmable on/off timer; ColorPilot; rapid tune; parental guidance control; available in oak, white, and black cabinets \$2,700

CTK-3190S. Table model of above. Black cabinet, optional stand available \$2,500

CTK-2794S. 27" model of CTK-3196 (above). Does not include EIA multi-port interface, and Dolby. Available in black, white, and oak cabinets \$1,700

CTK-2790S. Table model of 2794S (above). Black cabinet, optional stand available \$1,200

CTK-2780S 27" Stereo Monitor/Receiver

27" table TV with comb, notch, and saw filters. Features 155-channel cable capability; TV/VCR unified remote control; A/V input jacks; S-VHS input jack; stereo and separate audio reception capability; surround sound circuitry; 2-way, 4-speaker sound system; variable audio output jacks; external speaker terminals; bass/treble/balance controls; auto programming; multiple on-screen display; clock/sleep timer; black cabinet, optional rack available \$1,000

CTK-2090S 20" Monitor/Receiver

20" table monitor/receiver with 155-channel cable compatible tuner. Features wideband video amplifier; TV/VCR/CATV-learning remote control; A/V inputs and outputs; S-VHS inputs; stereo and separate audio program reception capability; surround-sound circuitry; 2-way, 4-speaker sound system; variable audio output jacks; external speaker

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terminals; auto programming; on-screen displays of menu prompts; clock; and programable on/off timer; color pilot; rapid tune; parental-guidance control; black cabinet. . . . \$780

CTK-2781S 27" Monitor/Receiver

27" console monitor/receiver with comb. and SAW filters. Features 155-channel cable compatible tuner. TV/VCR unified remote with 22 TV functions: A/V input/output jacks; S-VHS input; stereo and separate-audio-program reception capability; variable audio output jacks; bass/treble/balance controls; clock/sleep timer; ColorPilot; sharpness control; oak woodgrain cabinet. . . . \$850

CTK-2770S 27" Monitor/Receiver

Table monitor/receiver with 155-channel cable compatible tuner. Features comb. and SAW filters: A/V input and output jacks; S-VHS input; dual UHF/VHF antenna inputs; TV/VCR unified remote; 2-way 4-speaker sound system; variable audio output jack; bass/treble/balance control; auto programming scan with rapid tune; multiple on-screen display; clock/sleep timer; ColorPilot; oak woodgrain cabinet. . . . \$800

CTJ-2580R 25" Monitor/Receiver with Remote

Table monitor/receiver with unified remote control for VCR and TV. 155-channel cable-compatible tuner; audio/video input; variable audio output; two 5" speakers; comb filter; SAW filter; turn-off timer; horizontal resolution more than 400 lines; 24.75 x 21.63 x 17.13 in; 73.5 lb. . . . \$680

CTK-2085S Stereo Monitor/Receiver

20" table monitor/receiver with comb. notch. and SAW filters. Features 155-channel cable compatibility; TV/VCR 22-function unified remote control; S-VHS input jack; stereo and separate audio reception capability; 2-speaker system; variable audio output jacks; external speaker terminals; bass/treble/balance controls; auto programming; multiple on-screen displays; clock/sleep timer; ColorPilot; black cabinet. . . . \$600

CTK-2073S 20" Stereo TV

Table TV with S-VHS input. Features comb SAW, and notch filters; 155-channel cable compatibility; 21-function remote control; A/V input jack; stereo and separate-audio-reception capability; variable audio output jacks; 4 speaker system; bass/treble/balance controls; auto programming scan with rapid tune; clock/sleep timer; sharpness control; ColorPilot; simulated pecan cabinet. . . . \$530

CTJ-2062R 20" Stereo TV

Table TV featuring broadcast stereo reception. 155-channel cable-compatible tuner; 2 variable audio outputs; amplifier delivers 2 watts per channel; two 4" speakers; SAW filter; turn-off timer; 19.88 x 19.25 x 18.88 in; 50 lb. . . . \$480

CTK-2061S 20" Stereo TV

20" table TV with SAW filter. Features 155-channel cable compatibility; 20-function remote control; stereo and separate audio reception capability; variable audio output jacks; 4-speaker system; bass/treble/balance controls; auto programmable scan with rapid tune; multiple on-screen display; clock/sleep timer; sharpness control; ColorPilot; simulated walnut woodgrain cabinet. . . . \$480

CTJ-1040R AC/DC TV

10" Portable TV with 2-way power. Features SAW filter; 68-channel continuous search tuner; local/distant antenna switch; on-screen bar indicator for UHF/VHF channels; 8-function remote control; earphone. and vehicle adaptor cable included. \$430

CTK-2053R 20" Table TV

20" TV with comb. and SAW filters. Features 155-channel cable compatibility; 20-function remote control; A/V input jacks; auto programming with

rapid tune; multiple on-screen display; clock/sleep timer; sharpness control; ColorPilot; black cabinet. . . . \$420

CTJ-2042R 20" Table TV

20" square-corner tube TV with SAW filter. Features 155-channel cable compatibility; 20-function remote control; A/V input jacks; auto programming scan with rapid tune; multiple on-screen displays; clock/sleep timer; sharpness control; ColorPilot; simulated pecan woodgrain cabinet. . . . \$420

CTJ-2041R 20" TV

Table TV with SAW filter. Features 155-channel cable compatible tuner; 19-function remote control; programmable scan with rapid tune; sleep timer; ColorPilot; simulated rosewood cabinet. . . . \$400

CTK-1942R 19" TV

Table TV with SAW filter. Features 155-channel cable compatibility; 19-function remote control; auto programmable scan with rapid tune; multiple on-screen display; clock/sleep timer; ColorPilot; sharpness control; simulated pecan woodgrain cabinet. . . . \$380

CTJ-1355R 13" TV

Table TV with 19-function remote control. Features 155-channel cable compatibility; programmable scan with rapid tune; sleep timer; ColorPilot; simulated pecan woodgrain cabinet. . . . \$340

CTJ-1351R. As above with 94-channels, and black cabinet. . . . \$330

CTJ-1350R. As above with 94 channels, and white cabinet. . . . \$330

CTK-1032R 10" TV

10" table TV with SAW filter. Features continuous auto search electronic tuner; on-screen bar indicator; 8-function remote control; sharpness control; earphone jack; programmable scan tuning; available in black, simulated pecan, and simulated almond cabinets. . . . \$320

PHILCO

R7585BAK 31" Stereo TV with Remote

Console TV with picture-in-picture (PIP). Features S-VHS input; surround sound; graphic control system; TV/VCR/cable remote. . . . \$1,999

R7285CAK 27" Stereo TV with Remote

Console TV with MTS/SAP decoder, and dbx noise reduction. Features graphic control system; TV/VCR/cable multi-function remote control; PIP; surround sound. . . . \$999

R7183CAK/R7185CAK 27" Stereo TV

Console TV with MTS/SAP. Features dbx; graphic control system; TV/VCR/cable menu format multi-function remote; S-VHS input. . . . \$849

R5185CWA 27" Tabletop TV

Tabletop TV with MTS/SAP. Features S-VHS input; graphic control system; dbx; TV/VCR/cable menu format remote control. . . . \$799

R7083CAK/7085CPE 27" Stereo TV

Console TV features MTS stereo; graphic control system; TV/VCR remote; on-screen adjust display. . . . \$749

R5173CWA 27" Tabletop TV

Features MTS stereo; graphic control system; TV/VCR remote; on-screen adjust. . . . \$699

R4972CWA 25" Tabletop TV

Features MTS stereo; graphic control system; TV/VCR remote; on-screen adjust; 178 channels. . . . \$549

R5862CPE 25" Console TV

Features graphic control system; on screen adjust display; 23-button remote control. . . . \$499

R4943CWA 25" Tabletop TV

Features graphic control system; 23-button remote control; on-screen adjust display; picture reset; sleep timer. . . . \$499

R4075CWA 20" Tabletop TV

Stereo TV with graphic control system. Features MTS/SAP; TV/VCR remote; on-screen adjust display. . . . \$469

C5830CAK/5831CPN/5832CPE 25" Console TV

Features on-screen adjust display; remote control ready; 178 channels. . . . \$449

R4042CWA 20" Tabletop TV

Features graphic control system; TV/VCR remote control; on-screen adjust. . . . \$369

R3940CWA 19" Tabletop TV

Features 18-button remote; sleep timer. . . . \$300

R3342CWA 13" Portable TV

Features 18-button remote; sleep timer. . . . \$299

C3924CWA 19" Tabletop TV

Features electronic tuning; channel scan. . . . \$249

C3902CWA 19" Tabletop TV

Features auto fine tuning. . . . \$229

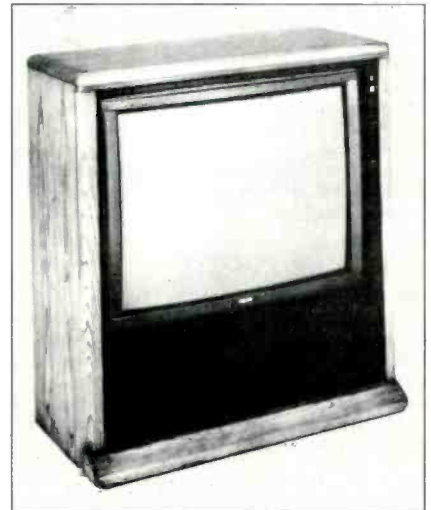
C3325CWA 13" Portable TV

Features electronic tuning; channel scan. . . . \$219

PHILIPS

31J460SA 31" Monitor/Receiver with Remote

Console monitor/receiver with Improved Definition Television (IDTV) technology; digital comb filter;



PIP for . . . 3, or 9 images on the screen; preview or scan 9 channels at a time; freeze; store main image; 49-button LCD/Learn Uniremote; S-VHS input; variable audio out; channel captioning; parental control; sleep timer. . . . \$2,600

31J368SA 31" Monitor/Receiver

Monitor/receiver with IDTV technology. Features 10 W/ch surround-sound stereo system; 42-button liquid-crystal display/learn remote; channel captioning; parental control; MTS/SAP stereo decoder; personal preference; channel guide. . . . \$2,099

27J245SB.

As 31J460SA (above) with 27" screen, and 5 watt amplifier. . . . \$1,500

27J340SA 31" Monitor/Receiver

Monitor/receiver with IDTV technology. Features Uniremote; surround-sound stereo; MTS stereo with

MONITOR / RECEIVERS

dbx; channel guide; personal preference; parental control; and sleep timer. \$1,149

27J231SB 27" Monitor/Receiver

Monitor/receiver with 42-button LCD/learn remote control. Features IDTV PIP capability; channel captioning; S-VHS input; comb filter. \$899

27J1231SB 27" Monitor/Receiver

MTS/SAP monitor/receiver with dbx. Features on-screen displays; personal preference; S-VHS input; comb filter; 32-button Uniremote. \$769

20J170SB 20" Monitor/Receiver

Monitor/receiver with 24-button TV/VCR/cable Uniremote. Features IDTV; MTS/SAP; dbx; S-VHS input; comb filter; on-screen menu display; personal preference; sleep timer. \$469

20J130RB 20" Monitor/Receiver

Monitor/receiver with S-VHS input and IDTV. Features 24-button Uniremote; on-screen display and adjustment; high-contrast flat square picture tube; alternate channel; mute; picture reset. \$369

PIONEER

SD-2601 Stereo Monitor/Receiver

26" full-square high-resolution monitor/receiver with MTS decoder for stereo broadcasts. SR remote controls Pioneer LaserVision players and VCR's; 10-key direct-access cable-capable tuner; multi-function on-screen display; three video inputs with stereo audio; two video outputs with stereo audio; built-in speakers with 5-W/ch amplifier; external speaker outputs. 560 lines horizontal resolution. \$1,200

SD-2600 Stereo Monitor/Receiver

26" full-square monitor/receiver with MTS decoder for stereo broadcasts. SR remote controls Pioneer LaserVision players and VCR's; 10-key direct-access cable-capable 125-channel tuner; wide-band comb filter; on-screen display of channel, time, sleep timer; two video inputs with stereo audio; two video outputs with stereo audio; line-level audio outputs; built-in speakers with 5-W/ch amplifier; simulated stereo; balance, bass, treble controls; external speaker outputs; clock. 560 lines horizontal resolution. 24.25 x 26 x 19.5 in; 99 lb. \$1,000

PROTON

VT-290 Stereo Monitor/Receiver

27" stereo monitor/receiver. Features 380 lines horizontal resolution; MTS decoder; video noise reduction; 139-channel cable-compatible tuning; switchable video sources and RF inputs; front-panel A/V inputs/outputs; bass/treble/balance controls; RGB input; on-screen display. Audio section: 3-W/ch; FR 20-20,000 Hz \pm 3 dB. 27.5 x 24 x 17 in. \$1,349



Proton VT-210

VT-210 Stereo Monitor/Receiver

Monitor/receiver with built-in MTS/SAP decoder. 20" flat-square screen provides high-contrast picture; horizontal resolution 400 lines; 139-channel cable-compatible; on-screen channel display. Features front-panel audio/video inputs/outputs; variable and fixed audio outputs; bass, treble and balance controls; external stereo speaker connections and remote control. Audio amplifier section: 3-W/ch. FR 20-30,000 Hz \pm 3 dB. 21 x 19.75 x 20.5 in; 60 lb. \$899

VM-290 Color Monitor

27" flat-square screen monitor. Features 400 lines resolution, 9 pin RGB connector, BNC connectors, standby auto shutoff when all video input signals have ceased. 3-watt stereo amplifier; FR 20-20,000 Hz \pm 3 dB; 21 x 19.75 x 20.5 in; 59 lb. \$1,099

VM-210. As above with 20" screen. \$649

QUASAR

TL9991CK 31" Stereo Monitor/Receiver

31" stereo remote console monitor/receiver with built-in MTS/SAP decoder. Features four speakers; S-VHS input; unified remote control; on-screen display; 155-channel cable-compatible tuner; surround-sound circuitry; two A/V inputs; A/V output; variable audio output jacks; external speaker outputs; remotely switchable dual RF outputs; bass, treble and balance controls; comb filter; automatic color system; channel censor; casters. Contemporary-style cabinet; oak finish on oak veneers and hardwood solids. 34.63 x 46.25 x 22 in. \$2,350

TL9998CK. As above with traditional-style cabinet; oak finish on oak veneer and hardwood solids. 33.25 x 49.38 x 22.75 in. \$2,350

TS9990CK 31" Stereo Monitor/Receiver

31" stereo remote console monitor/receiver with built-in MTS/SAP decoder. Features four speakers; S-VHS input; unified remote control; on-screen display; 155-channel cable-compatible tuner; surround-sound circuitry; A/V input jacks; variable audio output jacks; external speaker terminals; remotely switchable dual RF inputs; bass, treble and balance controls; automatic color system; comb filter; swivel base. Contemporary style; light oak finish on oak veneers and hardwood solids. 39.69 x 33.38 x 20.81 in. \$2,250

TL9988CP 27" Stereo Monitor/Receiver

27" stereo remote console monitor/receiver with built-in MTS/SAP decoder. Features four speakers; S-VHS input; A/V inputs; 155-channel cable-compatible tuner; sleep timer; on-screen display; previous channel recall; unified remote control; surround sound circuitry; bass, treble and balance controls; remotely switchable dual RF inputs; automatic color system; comb filter; casters. Traditional-style cabinet; pecan finish on pecan veneers on hardwood solids. 32.75 x 45.13 x 22 in. \$1,000

TL9985CD. As above with early-American-style cabinet; pine finish on pine veneers on hardwood solids. 34.75 x 48.06 x 21.63 in. \$1,000

TL9982CW. As above with contemporary-style cabinet; walnut finish on walnut veneers on hardwood solids. 30.38 x 46.06 x 20.38 in. \$1,000

TL9971CK 27" Stereo Monitor/Receiver

27" stereo remote console monitor/receiver with built-in MTS/SAP decoder. Features four speakers; S-VHS input; A/V inputs; 155-channel cable-compatible tuner; on-screen display; sleep timer; previous channel recall; 21-function remote control; bass, treble and balance controls; automatic color system; comb filter; casters. Contemporary-style cabinet; oak finish. 30.81 x 40.19 x 20.81 in. \$930

TL9978CK. As above with traditional-style cabinet. 29.88 x 44.06 x 21.58 in. \$930

TT9901CE 27" Stereo Remote Monitor/Receiver

27" stereo remote monitor/receiver with built-in MTS/SAP decoder. Features four speakers; S-VHS

input; A/V inputs; 155-channel cable-compatible tuner; on-screen display; sleep timer; previous channel recall; unified remote control; surround-sound circuitry; remotely switchable dual RF inputs; automatic color system; comb filter; bass, treble and balance controls. Ebony woodgrain finish. 23.31 x 26.31 x 20.38 in. \$860

TU9880CW 27" Monitor/Receiver

27" remote console monitor/receiver. Features S-VHS input; A/V inputs; 155-channel cable-compatible tuner; on-screen display; sleep timer; previous-channel recall; 20-function remote control; automatic color system; comb filter; casters. Contemporary-style cabinet, walnut finish. 32.13 x 29.44 x 21.81 in. \$720

TU9839CP 25" Monitor/Receiver

25" remote console monitor/receiver. Features S-VHS input; A/V inputs; 106-channel cable-compatible tuner; 20-function remote control; on-screen display; sleep timer; previous channel recall; automatic color system; Mediterranean style cabinet; Pecan finish. 30.13 x 49.38 x 22.13 in. \$740

TU9818CP. As above with traditional-style cabinet. 30.5 x 34.69 x 21.75 in. \$680

TU9811CU. As above with contemporary-style cabinet in walnut. 29.31 x 31.75 x 20.31 in. \$620

TT6288CE 20" Stereo Monitor/Receiver

20" remote stereo monitor/receiver with built-in MTS/SAP decoder. Features S-VHS input; A/V inputs; 155-channel cable-compatible tuner; on-screen display; sleep timer; previous-channel recall; unified remote control; remotely switchable dual RF inputs; automatic color system with electronic light sensor; comb filter; bass, treble and balance controls. Ebony finish. 18.13 x 20.19 x 15.38 in. \$570

TT6288CH. As above in pearl white finish. \$570

TT6237CE 20" Stereo Monitor/Receiver

20" remote stereo monitor/receiver with built-in MTS/SAP decoder. Features four speakers; S-VHS input; A/V inputs; 155-channel cable-compatible tuner; on-screen display; sleep timer; previous channel recall; 21-function remote control; automatic color system; comb filter; bass, treble and balance controls. Black finish. 18.47 x 20.25 x 19.5 in. \$540

VV8221 20" Monitor/Receiver with VHS VCR

20" monitor/receiver with built-in VHS VCR. Features HQ; 47-function infrared remote; 155-channel cable-compatible tuner; 1-month/4-event on-screen timer; one-touch record; sleep timer; high-speed picture search; double-speed playback; variable slow motion; still-frame/frame-advance; Auto repeat, play, rewind, eject. \$760

VV8220. As above, lacks earphone jack. \$730

UP1348E Spectator 3" Monitor/Receiver

Portable monitor/receiver with LCD display. One audio/video input; includes AM/FM radio; auto search tuning; on-screen display; VHF/UHF antenna; back



MONITOR/RECEIVERS

light; operates by rechargeable battery. AC adaptor or car cord or by optional alkaline battery with 5 1/2 hours of viewing time. Includes A/V cord, soft case and wrist strap \$549

RCA

Dimensia Series

All Dimensia monitor/receivers can be used as part of the Dimensia A/V system with a unified remote control (See A/V systems section). They feature on-screen prompts and displays; 110° high-contrast picture tube; 147-channel cable-compatible frequency-synthesis tuner; auto programming; automatic cable/air switching; picture reset with custom memory; video noise reduction; MTS/SAP stereo decoder with dbx noise reduction; high-compliance speaker system; built-in 5-watt amplifier; multiple-jack monitor; EIA multi-port connector; sleep timer; alarm timer; channel lock; light sensor.

- RVM2769. 27" console monitor/receiver. . . \$1,299
- RVM2750. 27" tabletop monitor/receiver. . . \$999
- RVM2731. 27" tabletop monitor/receiver with black finish. . . \$899
- RVM2730. 27" tabletop monitor/receiver with wood finish. . . \$899
- RVM2650. 26" console monitor/receiver. . . \$799
- RVM2630. 26" tabletop monitor/receiver. . . \$699
- RVM2050. 20" monitor/receiver. . . \$499

G31150CK 31" Stereo Monitor/Receiver

Horizontal console monitor/receiver with 4-speaker sound system with dbx. Features MTS/SAP stereo decoder; 56-button wireless remote control; on-screen display; sleep timer; 147-channel cable-compatible tuner; comb filter; auto programming. Vista Screen 31; audio/video monitor panel; S-VHS input; external speaker terminals; surround-sound circuitry. 33.75 x 43.25 x 22.9 in. Oak finish. . . \$2,499

G31100CK. As above, vertical console. 37.25 x 24.75 x 23.25 in. . . \$2,499



F31200BA. As above, table-model, black finish. . . \$2,299

G27350CP 27" Stereo Monitor/Receiver

Console monitor/receiver with ColorTrak 2000 digital remote control center with on-screen displays. Features 147-channel cable-compatible tuner; MTS/SAP stereo decoder; 56-button remote control; alarm timer; sleep timer; channel lock; comb filter; Hi-Contrast flat-face, square-cornered, black-matrix screen; 19-jack monitor panel with 3 direct audio/video stereo inputs, audio outputs, stereo audio outputs, external speaker terminals; S-VHS input; 560 lines horizontal resolution; auto programming; auto picture reset; dbx noise reduction. Rounded cabinet. 29.9 x 49.25 x 18.9 in. . . \$1,249

G27340CK. As above, square cabinet. 30 x 43.5 x 19.25 in. . . \$1,099

G272591HP. As above, sculptured cabinet. 30.75 x 46.5 x 20.25 in. . . \$1,099

G27255NP 27" Stereo Monitor/Receiver

Console monitor/receiver with ColorTrak 2000 digital remote control center with on-screen displays. Features 147-channel cable-compatible tuner; MTS/SAP stereo decoder; 56-button remote control; alarm timer; sleep timer; channel lock; comb filter; Vista Screen picture tube; 19-jack monitor panel with

three direct audio/video stereo inputs, audio outputs, stereo audio outputs, external speaker terminals; S-VHS input; 560 lines horizontal resolution; auto programming; auto picture reset. Traditional pine cabinet. 32.1 x 46.75 x 20.4 in. . . \$1,099

G27251TN. As above, with contemporary A/V cabinet. 32 x 50 x 19 in. . . \$1,099

G27250CP. As above, contemporary cabinet. 29.4 x 44 x 19.4 in. . . \$1,099

G27149TK. As above with traditionally-styled, carved-wood cabinet. . . \$1,049

G27140TN. As above, slim contemporary cabinet. 32.75 x 31.5 x 18.4 in. . . \$979

G27130TN. As above, 12-jack stereo monitor panel, 36-button remote control. . . \$899

F27123SB 27" Stereo Monitor/Receiver

Table-model monitor/receiver with ColorTrak 2000 digital remote control center with on-screen displays. Features 147-channel cable-compatible tuner; MTS/SAP stereo decoder; 56-button remote; alarm timer; sleep timer; channel lock; comb filter; Vista Screen picture tube; 19-jack monitor panel with 3 direct audio/video stereo inputs, audio outputs, stereo audio outputs, external speaker terminals; dbx noise reduction; S-VHS input; 560 lines horizontal resolution; auto programming. Contemporary black/grey cabinet. 23 x 28.75 x 18.75 in. . . \$879

F27122TN. As above, wood cabinet. . . \$879

F27101MM. As above, metallic mauve cabinet. 23 x 27.25 x 18.5 in. . . \$769

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MONITOR / RECEIVERS

F27100AK. As above, simulated-oak plastic cabinet..... \$769

G26339HP 26" Stereo Monitor/Receiver

Console monitor/receiver with ColorTrak 2000 digital remote control center with on-screen displays. Features 56-button remote control; one-button picture reset; built-in clock with sleep timer; square-cornered picture tube with high-contrast; cable-compatible tuner; auto start/auto programming; 12-jack stereo audio/video monitor panel; external speaker terminals; 2 built-in speakers; MTS/SAP stereo decoder with dbx noise reduction; comb filter. Traditional pecan cabinet \$769
G26335TK. As above, country oak cabinet ... \$769
G26331TN. As above, contemporary oak cabinet..... \$769

F26101NG 26" Stereo Monitor/Receiver

Table-model monitor/receiver. Features 36-button digital remote control; on-screen displays; 10-jack video monitor panel; 2 built-in speakers; MTS/SAP stereo decoder with dbx noise reduction; built-in clock with sleep timer; comb filter; 400 lines horizontal resolution; square-corner picture tube; cable-compatible quartz tuning; auto-start; auto programming; ColorTrak 2000 digital controls. Ingot finish. 24.1 x 26.4 x 19.75 in. \$659
F26100AK. As above, oak finish. \$659

F20590HG 20" Stereo Monitor/Receiver

Table-model monitor/receiver. Features 36-button digital remote control; on-screen displays; 10-jack video monitor panel; 2 built-in speakers; MTS/SAP stereo decoder with dbx noise reduction; built-in clock with sleep timer; comb filter; 400 lines horizontal resolution; square-corner picture tube; cable-compatible quartz tuning; auto-start; auto programming; ColorTrak 2000 digital controls. Gray finish. 18.9 x 20.5 x 18.9 in. \$449
F20580WN. As above, simulated wood finish. 18 x 24.5 x 19.9 in. \$449

RADIO SHACK

TC-1002 (16-252) 20" Stereo TV

20-inch monitor/receiver with MTS/SAP and PLL tuner. Horizontal resolution 320 lines; scan memory; 139-channel cable-compatible tuner; on-screen display. Features 2 audio inputs; 1 audio output; 2 video inputs; 1 video output; comb filter; remote control; HRC, IRC, ICC cable switch. \$500

TC1010. As above with 1 audio input/output; 1 video input/output. \$400

16-242 9" AC/DC Color TV

9" TV for AC/DC operation. Features 82-channel tuner with presets for 12 channels; sun screen; auto fine-tuning. 10.63 x 11.19 x 10.63 in. \$299

TC-171 (16-233) 13" Monitor/Receiver

13" monitor/receiver with remote control. Horizontal resolution 320 lines; receives VHF, UHF, and CATV channels. Features 110-channel cable-compatible tuner; turn-off timer; comb filter; PLL tuning system; 1 audio input; 1 audio output; 1 video input; 1 video output. 12.75 x 14.13 x 14.63 in \$300

16-108 Portavision 5" Monitor/Receiver

5" monitor receiver; electronic tuning system; 1 audio input; 1 audio output; 1 video input; 1 video output. 5.25 x 6.69 x 10.63 in. \$320

PocketVision-22 2" Crystal LCD TV

2" direct-view liquid crystal screen. Features digital-electronic 69-channel tuner; rapid-on picture; brightness, tint and color controls; leatherette carry-case and AC adaptor. 5.17 x 3.25 x 1.25 in. \$200

SAMSUNG

TC2650S 26" Stereo Monitor/Receiver

Table-model monitor/receiver with square-cornered

screen. Features 139-channel cable-compatible tuner; MTS/SAP stereo decoder; dbx NR; 26-key remote control with direct-access and programmable scan; on/off timer; sleep timer; auto mono/stereo selection; on-screen display; comb filter; 2 speakers; 1 A/V input; 1 A/V output; sharpness control; headphone jack. 25 x 24.3 x 20.5 in; 94.5 lb. \$750

TC2540S 25" Stereo Monitor/Receiver

25" stereo TV with quick-start, in-line gun, black matrix picture tube. Features wireless remote control; MTS/SAP tuner; on-screen display of channel, time, volume, source, mode; dual speakers; 139-channel cable-compatible tuner; comb filter; sharpness control; A/V input jacks; 5 W/ch audio amplifier. 24.75 x 24.25 x 20 in; 87 lb. \$650

TC2050S 20" Stereo Monitor/Receiver

Monitor/receiver with 139-channel cable-compatible tuner. Features MTS/SAP stereo decoder; dbx NR; 26-key remote control with direct-access; programmable channel scan; clock; on/off timer; 90 minute sleep timer; on-screen display; comb filter; 1 A/V input/output; headphone jack. 3 W/ch audio output. 20 x 19.1 x 19.6 in; 51 lb. \$550

TC9820S/TC9823S 19" Stereo Monitor/Receiver

19" stereo TV with quick-start, in-line gun, black-matrix picture tube. Features wireless remote; MTS/SAP tuner; on-screen multi-mode display; 139-channel cable-compatible tuner; dual speakers; 3 W/ch audio amplifier. 19.25 x 19.9 x 18.5 in. . \$450

TC98501 19" Monitor/Receiver

Monitor/receiver with 139-channel frequency-synthesized tuner. Features 21-key wireless remote; programmable scan; on-screen display; automatic color control; automatic fine tuning; simulated woodgrain cabinet. 19.6 x 18.1 x 18.4 in; 52.9 lb \$390

TC3823T 13" Monitor/Receiver

Features 139-channel frequency-synthesized tuner; 21-key wireless remote control; programmable scan; on-screen display; automatic color control; auto fine tuning; simulated woodgrain cabinet. \$340

SANYO

AVM355 35" Stereo Monitor/Receiver

Console monitor/receiver with 35" in-line gun, slotted shadow mask, black-matrix picture tube. Features built-in MTS/SAP decoder; 181-channel cable-compatible tuner; 3 A/V inputs; audio/video output; TV audio/video output; external speaker jacks; amp delivers 7.5 W/ch; 4 speaker system with 2 6 1/2" woofers, two 2" tweeters; comb filter; on-screen display of channel and time; remote A/V adjustment with on-screen graphics; turn-off timer; stereo synthesizer; manual degaussing control. Horizontal resolution 560 lines. Oak-finish cabinet; 335 lb. \$3,799

AVM320 31" Stereo Monitor/Receiver

Console monitor/receiver with surround sound and programmable remote control. Features video equalizer with color temperature control; signal enhancer, black pedestal level adjustment, notch filter, skew switch, and 1-button color control; 181-channel cable-compatible tuner; on-screen display; MTS/dbx stereo decoder; comb filter; 560 lines horizontal resolution; bass, treble, balance controls; audio outputs; external speaker jacks; monitor outputs; S-VHS input; A/V inputs; off timer; channel lock. . \$2,999

AVM280 27" Stereo Monitor/Receiver

Console monitor/receiver with 24-button remote control. Features 181-channel cable-compatible tuner; video equalizer with color temperature control, signal enhancer, black pedestal level adjustment, notch filter, skew switch; S-VHS input; comb filter; MTS/dbx stereo decoder; on-screen display; on/off timer; sharpness control; 2 built-in speakers; bass, treble, and balance controls; audio outputs; A/V inputs; channel lock. \$799

AVM279 26" Stereo Monitor/Receiver

Console monitor receiver with MTS/dbx stereo decoder. Features video equalizer with color temperature control; signal enhancer, black pedestal level adjustment, notch filter, skew switch, and 1-button color control; S-VHS input; 181-channel cable-compatible tuner; on-screen display; 24-button remote control; on/off timer; comb filter; sharpness control; 2 built-in speakers; bass, treble, and balance controls; audio outputs; A/V inputs; channel lock. \$699

AVM278SV 26" Stereo Monitor/Receiver

Console monitor/receiver with black-matrix picture tube. Features 181-channel cable-compatible tuner; MTS/dbx stereo decoder; 1-button color control; comb filter; external speaker outputs; on-screen display; S-VHS input; sleep timer; 3.5-W/ch amplifier; 33-button remote control; 500 lines horizontal resolution. Woodgrain finish. \$699

AVM220 20" Stereo Monitor/Receiver

Console monitor/receiver with MTS. Features 181-channel cable-compatible tuner; on-screen display; black-matrix picture tube; comb filter; horizontal resolution 400 lines; A/V input jacks; variable audio outputs; sleep timer; automatic fine tuning; 33-button remote control. \$599

AVM222 20" Stereo Monitor/Receiver

Monitor/receiver with MTS/dbx stereo decoder. Features on-screen display; 23-button remote control; tone control; built-in speakers; A/V inputs; 1-button color control; sharpness control; 119-channel cable-compatible tuner. \$499

91C910 19" Stereo Monitor/Receiver

Monitor/receiver with MTS decoder. Features 119-channel frequency-synthesized tuner; automatic fine tuning; external audio outputs; black-matrix picture tube; slotted shadow mask; noise cancellation circuit; 1-button color control; 17-button infrared remote control. \$499

SCOTT

HTS2700 27" MTS Stereo Monitor/Receiver

Table-model 27" square-tube monitor/receiver with MTS/SAP decoder; S-VHS and ED Beta inputs; 500 line resolution; 140-channel cable-compatible tuner; 24-function random-access infrared remote; separate bass and treble controls; dual internal 4" speakers; built-in 5-watt RMS amplifier with outputs for external speakers; FR 20-20,000 Hz at 0.5% THD. 25 x 27.5 x 17.75 in. 81 lb. \$899

SHARP

35L.D956 Stereo Monitor/Receiver

35" direct-view monitor/receiver with MTS. Features ambient stereo-sound output jack for surround-sound systems; square-cornered tinted high-contrast Linytron Plus picture tube; 140-channel cable-ready PLL quartz-synthesized electronic tuning; 25-key random-access remote control; channel flashback; top-mounted controls; HQ circuitry; high-resolution comb filter; on-screen color-code-by-mode display; sleep timer; 3 sets of audio/video inputs and outputs; 2-way antenna inputs; external speaker jacks; AFT; Auto Color System; one-button picture-balance control; woodgrain cabinet with easy-roll casters; includes 75-/300-ohm antenna adaptor. \$3,995
35L.D986. Similar to above except speakers positioned on either side of screen instead of beneath screen. \$4,295

30MD877 Stereo Monitor/Receiver

Floor-standing monitor/receiver with 30" flat square Linytron Plus data-grade picture tube; MTS/SAP decoder for stereo TV broadcasts; two 4" speakers; 140-channel cable-compatible PLL tuner; channel memory; CATV jack; A/V input and audio line output jacks; on-screen digital display for channel, volume, time; 25-function remote control; channel

MONITOR/RECEIVERS

flashback; sleep timer; ACS; AFT; SAW filter; wood cabinet; comb filter. 35.38 x 31.56 x 24.66 in; 176 lb. \$2,495

26MC287 Stereo Monitor/Receiver

26" monitor/receiver with MTS. Features ambient stereo-sound output jack for surround-sound systems; 26" square tinted high-contrast Linytron Plus picture tube; 140-channel cable-ready PLL quartz-synthesized electronic tuning; 23-key random-access remote control; channel flashback; high-resolution comb filter; LED channel indicator; 2-way/2-speaker sound system; audio tone and balance controls; direct audio/video input jacks and audio line output jack; 2-way antenna inputs; CATV jack; AFT; one-button picture-balance control; simulated woodgrain console cabinet. Includes 75-/300-ohm antenna adaptor. \$1,000

26LC276 Monitor/Receiver

26" remote-controlled console monitor/receiver. Features square-cornered, high-contrast, Linytron picture tube; MTS adaptor jack; audio/video input jacks; quartz-synthesized 110-channel cable-ready tuner; 19-key random-access infrared remote control; LED channel indicator; channel flashback; two-way antenna inputs; CATV jack; auto color system; AFT; one-button picture balance control; Surface Acoustic Wave filter to reduce ghosts and phase distortion; simulated woodgrain cabinet. Includes 75/300 ohm antenna adaptor. \$900

20MV77(BK) Stereo Monitor/Receiver

20" remote-controlled table-model monitor/receiver with square-cornered tinted Linytron Plus picture tube; MTS/SAP decoder; 2 two-way speakers; quartz PLL 110-channel cable-compatible tuner; 20-function remote control; channel flashback; LED channel display; sleep timer; CATV jack; Auto Color System; SAW filter; AFT; tone and balance controls. 18.12 x 26.69 x 18.5 in; 20.8 lb. \$680

3ML100 3" Portable TV

3" LCD pocket color TV. Features TFT (thin film transfer) active matrix system; IFT tuner section; A/V input jacks; built-in back light; 1/4" speaker; 4-way power source; 3.25 x 3.88 x 1.5 in; 10.9 oz. . . . \$599

SONY

KV-32CX10 32" Stereo Monitor/Receiver

Monitor/receiver with up to 600 line horizontal resolution. Features S-VHS input; 3 sets direct A/V inputs/outputs; Trinitron Microblack picture tube; 181-channel cable-compatible tuner; auto channel programming; remote control; ANT/AUX switch; channel lock; sleep timer; 24-hour turn-on timer; jump channel; on-screen display; matrix surround sound; comb filter; Dynamic Color circuitry; MTS/SAP stereo decoder; 4 built-in stereo speakers; variable audio line out; optional stand with built-in super-woofer. Stone-colored finish. \$3,300

KV-32SXR10 32" Stereo Monitor/Receiver

Monitor/receiver with up to 600 lines horizontal resolution. Features S-VHS inputs; 3 sets direct A/V inputs/outputs; Trinitron Microblack picture tube; 181-channel cable-compatible tuner; auto channel programming; remote control; ANT/AUX switch; channel lock; sleep timer; jump channel; on-screen display; matrix surround sound; comb filter; Dynamic Color circuitry; MTS/SAP stereo decoder; front-facing stereo speakers; variable audio line out; optional stand with built-in super-woofer. Gray-colored finish. \$2,700

KV-27AVR 27" Stereo TV/Audio Center

Monitor/receiver with built-in programmable CD player. Features Microblack picture tube; Color Pure comb filter; dynamic picture processor; MTS/SAP stereo decoder; stereo speakers; matrix surround sound; 10-key cable-compatible Express Tuning system; 3 audio/video inputs; audio/video monitor

output; sleep timer; on-screen display; ANT/AUX switch; jump channel; dual 2-way APM hi-fi speakers; built-in 30-W/eh amplifier; programmable CD player. \$2,400

KV-2786R 27" Stereo Monitor/Receiver

TV with two 181-channel cable-compatible tuners. Features Microblack picture tube; super-woofer in pedestal base; MTS/SAP stereo decoder; strobe; picture-in-picture; comb filter; dynamic picture processor; 3 A/V inputs; dual 2-way speakers; FM simulcast reception; express commander; ANT/AUX selector; sleep timer; on-screen display. . . . \$1,700
KV-2785R. As above, pecan cabinet, no super-woofer. \$1,600

KV-27TX20 27" Stereo Monitor/Receiver

Monitor/receiver with digital picture-in-picture. Features two 181-channel cable-compatible tuners; picture-in-picture includes split-screen, multi-screen, swap, position, channel, instant replay, channel index, display, and off functions; matrix surround sound; 4 built-in speakers; MTS/SAP stereo decoder; variable-level audio output; Trinitron Microblack picture tube; 2 video/stereo audio line inputs; direct monitor output; comb filter; dynamic picture processor; express commander; auto channel programming; ANT/AUX selector; 24-hour/1-event timer; sleep timer; jump channel; on-screen display. Marble-black cabinet finish. \$1,500

KV-27SXR10 27" Stereo Monitor/Receiver

TV with up to 560 lines horizontal resolution. Features S-VHS inputs; 3 A/V line inputs; external audio input; variable-level audio output; Microblack picture tube; comb filter; matrix surround sound; 4 built-in speakers; MTS/SAP stereo decoder; 181-channel cable-compatible tuner; express commander; auto channel programming; ANT/AUX selector; 24-hour/1-event timer; channel lock; sleep timer; on-screen display. \$1,350

KV-2783R 27" Stereo Monitor/Receiver

TV with Trinitron flat, square-corner screen. Features Microblack picture tube; comb filter; dynamic picture processor; 3 A/V inputs; MTS/SAP stereo decoder; dual 2-way speakers; FM simulcast reception; express commander; ANT/AUX selector; 24-hour/1-event timer; channel lock; jump channel; on-screen display. Neoclassic console design. . . \$1,300

KV-27HFR 27" Stereo Monitor/Receiver

TV with Microblack picture tube. Features reflective surround sound; FM simulcast reception; MTS/SAP stereo decoder; variable-level audio output; comb filter; dynamic picture processor; 3 A/V line inputs; unified remote control; auto channel programming; ANT/AUX selector; 24-hour/1-event timer; channel lock; sleep timer; jump channel; on-screen display. \$1,250
KV-20HFR. As above, 20" screen. \$1,000

KV-27DS1 Stereo Monitor/Receiver

TV with Microblack picture tube. Features comb filter; dynamic picture processor; monitor/receiver input/output; dual full-range speakers; MTS/SAP stereo decoder; FM simulcast reception; 181-channel cable-compatible tuner; express commander; 24-hour/1-event timer; channel lock; sleep timer; jump channel; on-screen display. Sand-colored cabinet. \$1,150
KV-27DS2. As above with oak-colored cabinet. \$1,000

KV-27DS20 27" Stereo Monitor/Receiver

Monitor/receiver with Microblack picture tube. Features flat, square-corner screen; comb filter; dynamic picture processor; A/V inputs; audio line out; dual speakers; MTS/SAP stereo decoder; FM simulcast reception; 181-channel cable-compatible tuner; express commander; 24-hour/1-event timer; channel lock; sleep timer; jump channel; on-screen display. Oak console-style cabinet. \$1,150

KV-27TX10 27" Stereo Monitor/Receiver

Monitor/receiver with matrix surround sound. Features 4 built-in speakers; MTS/SAP stereo decoder; FM simulcast reception; variable-level audio output; Microblack picture tube; 2 video/stereo audio inputs; comb filter; dynamic picture processor; 181-channel cable-compatible tuner; auto channel programming; Remote Commander; 24-hour/1-event timer; channel lock; sleep timer; jump channel; on-screen display. \$1,050
KV-20TX10. As above, 20" screen. \$650

KV-27TS20 27" Stereo Monitor/Receiver

TV with Microblack picture tube. Features A/V input/output; variable-level audio output; 2 built-in speakers; MTS/SAP stereo decoder; comb filter; dynamic picture processor; 181-channel cable-compatible tuner; express commander; auto channel programming; 24-hour/1-event programming; channel lock; sleep timer; jump channel; on-screen display. \$950

KV-27TR10 27" Monitor/Receiver

Features Microblack picture tube; comb filter; dynamic picture processor; 181-channel cable-compatible tuner; Remote Commander; auto channel programming; sleep timer; jump channel on-screen display. \$800
KV-20TR10. As above, 20" screen. \$500
KV-13TR10. As above, 13" screen. \$380

KV-20TS10 20" Stereo Monitor/Receiver

TV with Trinitron Microblack picture tube. Features 2 built-in speakers; MTS/SAP stereo decoder; comb filter; dynamic picture processor; 181-channel cable-compatible tuner; express commander remote control; auto channel programming; 24-hour/1-event programmable timer; channel lock; jump channel; sleep timer; on-screen timer. \$600

KV-1380R 13" Stereo Monitor/Receiver

Monitor/receiver with flat, square-corner screen. Features direct video input; L/R audio inputs/outputs; switchable TV/monitor outputs; MTS/SAP stereo decoder; FM simulcast switch; stereo speakers; comb filter; dynamic picture processor; 24-hour/1-event timer; channel lock; sleep timer; 181-channel cable-compatible tuner; Remote Commander; ANT/AUX switch; on-screen display. \$480

KV-1927RA 19" Monitor/Receiver

Monitor/receiver with Trinitron picture tube with Mirrorblack screen. Features stereo adaptability (MPX output connector); comb filter; dynamic picture processor; 181-channel cable-compatible tuner; express commander; auto channel programming; sleep timer; jump channel; on-screen display. . . . \$450

KV-8AD10 8" Monitor/Receiver

Monitor/receiver with Trinitron picture tube with Mirrorblack screen. Features direct A/V input; 68-channel tuner; auto channel programming; AC/DC operation; earphone jack; Available in white or black. \$450

KV-1967 19" Monitor/Receiver

Monitor/receiver with Trinitron picture tube with Mirrorblack screen. Features comb filter; dynamic picture processor; 155-channel cable-compatible tuner. Dark Brazilian rosewood finish. \$400
KV-1367. As above, 13" screen. \$330

Mini TVs

FDL-330 Component TV System

Detachable component TV system with 2 3/4" screen, tuner, built-in speaker, and battery pack. Designed for use as a monitor when attached to a camcorder, or monitor/receiver. Features LCD screen with 86,000 pixels; earphone jack; electronic scan tuning; 3-way power capability; A/V line input. \$650

FDL-320 Color Watchman

Pocket-size color monitor/receiver with built-in

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AM/FM stereo radio. Features high-contrast active matrix LCD display; 2.7" screen; sound-alone listening; A/V input for monitoring VCR; external antenna input; 3-way power capability; AC adaptor; detachable handstrap; separate flip-out stand; carrying case. 3.4 x 6.1 x 1.2 in; 14 oz with batteries \$550

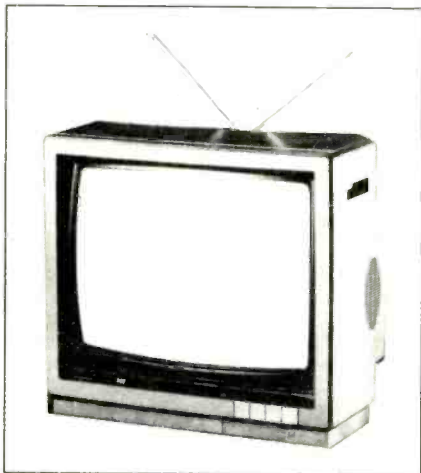
Stands for Sony Monitor/Receivers

SU-330. Black. fits KV-32SXR10 \$150
 SU-335X. Black with built-in super-woofer. Fits KV-32SXR10 \$250
 SU-251. Black or simulated oak. Fits KV-27SXR10, KV-27TS20, or KV-27TR10 \$130
 SU-235X. Black with built-in super-woofer. Fits KV-27SXR10 \$230
 SU-261. Black or black with simulated oak accents. Fits KV-27TX20 or KV-27TX10 \$150
 SU-27DS1. Charcoal. Fits KV-27DS1 \$170
 SU-27DS2. Simulated oak. Fits KV-27DS2 \$170

SSANGYONG

CT-1940R 19" Color TV

Table-top model; features on-screen graphics; ran-



dom-access infrared remote; 139-channel cable-compatible tuner; timer; audio/video input \$399
 CT-1340R. As above with 13" screen \$319

SYLVANIA

RRJ11810AK 31" TV with Remote

Console TV with Remote On-Screen System (ROSS). Features S-VHS; surround sound; SuperRemote-44 Plus; PIP \$1,999

RPJ590BK/598PE 27" Stereo TV. As above but 25" screen \$999

RPJ720AK 27" Table Top TV

Tabletop TV with MTS/SAP. Features S-VHS; dbx; ROSS. SuperRemote 44 Plus with learn mode; surround sound \$999

RPJ540AK/546PE/940AK/946PE 27" Stereo TV

Console TV with MTS/SAP. Features S-VHS; dbx; ROSS. SuperRemote 44 Plus \$849

RPJ710CH 27" Stereo TV

Tabletop TV with MTS/SAP. Features S-VHS; ROSS. SuperRemote 44 Plus; dbx \$799

RPJ510AK/514AK/516PE 27" Stereo TV

Console TV with MTS/SAP. Features ROSS. SuperRemote 29 Plus; on-screen adjust display \$749

RPJ700WA 27" Stereo TV

Tabletop TV with MTS/SAP decoder; ROSS. SuperRemote 29 Plus; on-screen display \$699

RLJ320WA 25" Stereo TV

Tabletop TV with MTS/SAP. Features ROSS. Super-

Remote 29 Plus; on-screen adjust; 178 channels \$549

RLJ310WA 25" TV.

Tabletop TV with ROSS. 23-button multi-function remote control; on-screen adjust display; picture reset; sleep timer \$499

RKJ195WA 20" stereo TV

Tabletop TV with MTS/SAP. Features ROSS SuperRemote 29 Plus; on-screen display \$499

RKJ190WA 20" TV with Remote

Tabletop TV with MTS/SAP. Features ROSS. SuperRemote 29 Plus; on-screen display \$469
 RKJ178WJ. As above without MTS/SAP \$399

RKJ169WA 19" TV

Tabletop TV with multi-function 18-button remote control; sleep timer \$300

RAJ147WA 13" Portable TV

Portable TV with 18-button remote control; sleep timer \$299

CXJ155WA 19" TV

Cable-compatible TV with manual tuner \$249

9" Portable TV

Portable TV with AC/DC operation; scan tuner \$249

CXJ160WA 19" TV

Table TV with mechanical tuner \$229

CAJ140WA 13" Portable TV

Portable TV with random-access touch tuning; channel scan \$219

SYMPHONIC BY FUNAI

SV270 27" Stereo TV with Remote

Table-model with flat screen; built-in MTS/SAP decoder; 139-channel cable-compatible tuner; 27-key full-function remote control; S-VHS input; built-in audio/video input/output jacks; external speaker terminals; automatic degaussing circuit; sleep timer. 23.38 x 25.44 x 19.69 in; 99 lb \$649

SV209S 20" Stereo TV with Remote

Tabletop stereo TV with flat screen; built-in MTS/SAP decoder; 139-channel cable-compatible tuner; 22-key full-function remote control; built-in audio/video inputs and outputs; on-screen display of channel and time; turn-off timer; external speaker terminals; 3.5 mm headphone jack. 18.09 x 19.44 x 18.69 in; 48 lb \$469

19" TVCR MKII 19" TV with built-in VHS VCR

Table-model 19" TV with built-in VHS HQ VCR. Features 14-day/4-event timer with weekly setting; audio/video input/output jacks; 111-channel cable-compatible tuner; 24-function infrared remote control; auto repeat; one touch record. 20.25 x 18.88 x 18.19 in; 50.6 lb \$699

13" TVCR MKII 13" TV with built-in VHS VCR

Table-model 13" TV with built-in VHS HQ VCR. Features 7-day/2-event timer; audio/video input/output jacks; 110-channel cable-compatible tuner; 15-function infrared remote control; auto-repeat; one touch record. 16 x 15.13 x 14.69 in; 35 lb \$499

TATUNG

3010 CPX 30" Stereo Television

Features 28-key random-access remote control; on-screen display of channel, time, video and audio adjustment levels; flat-square picture tube; MTS stereo decoder; 141-channel cable-compatible. Horizontal resolution 500 lines \$2,299

2775CPX 27" Stereo Console TV

Console 27" stereo TV with S-VHS inputs. Features MTS/SAP decoder; built-in compartment for VCR;

audio/video input/output jacks; 28-key random access infrared remote control; on-screen display; sleep timer; bass, treble and balance controls \$1,499
 2770CPX. As above, no VCR compartment \$1,399

2720 CPX 27" Stereo Monitor/Receiver

Features 27" black full-square picture tube; 141-channel cable-compatible tuning; MTS decoder; 28-key random access remote control; on-screen display; bass, treble, and balance controls; 3 of sets A/V input jacks; 1 set of A/V outputs. Horizontal resolution 500 lines \$999

2700 CPX 27" Component Stereo TV

Component TV with separate tuner and speakers. Features 2 sets of A/V input/output jacks; black full-square picture tube; horizontal resolution over 500 lines; detachable speakers; 18-key wireless remote control; 141-channel cable-compatible tuning; MTS/SAP decoder \$899

2020 CPX 20" Stereo Television

Features 28-key random-access remote control; on-screen display of channel, time, video and audio adjustment levels; flat-square picture tube; MTS stereo decoder; 141-channel cable-compatible. Horizontal resolution 500 lines \$799

TEKNIKA

HATV35 35" Stereo Monitor/Receiver

Direct-view 35" table-model monitor receiver with stereo sound. Features MTS/SAP decoder; full-square black-matrix picture tube; horizontal resolution 560 lines (video input); four 1 1/2 x 2 1/2 inch speakers with built-in 5-watt-per-channel amplifier; programmable channel scan; channel lockout; channel programming timer; 139-channel cable-compatible tuner; wireless remote control; remotely switchable dual RF input; video input; on-screen display; sleep timer; 2 audio/video input jacks; 1 audio/video input jack; comb filter. 30.47 x 35.83 x 23.76 in; 198 lb \$2,699

CG2668 26" Console Stereo Monitor/Receiver

26" console monitor/receiver with stereo sound. Features MTS/SAP decoder; full-square black-matrix picture tube; two 4 x 6 inch speakers with built-in 2.5 watt per channel amplifier; personal-preference button returns picture, channel and sound elements to preset levels; menu-driven on-screen display; comb filter; 178-channel cable-compatible tuner; unified TV/VCR remote control; audio/video input/output jacks; sleep timer. Contemporary style cabinet. 28.25 x 40.75 x 19.75 in; 173 lb \$749

TF2687 26" Stereo Monitor/Receiver

26" table-model monitor/receiver with stereo sound. Features MTS/SAP decoder; full-square black-matrix picture tube; two front-mounted 2 x 3 1/2 inch speakers with built-in 5-watt-per-channel amplifier; multi-color on-screen display; comb filter; 140-channel cable-compatible tuner; programmable channel memory; 23-function wireless remote control; audio/video input/output jacks; sleep timer. 23.88 x 25.75 x 19.56 in; 101.3 lb \$749

CF2666 26" Console Stereo Monitor/Receiver

26" console monitor/receiver with stereo sound. Features MTS/SAP decoder; full-square black-matrix picture tube; two 4 x 6 inch speakers with built-in 1.5 watt per channel amplifier; 152-channel cable-compatible tuner; unified TV/VCR remote; audio/video input/output jacks; sleep timer. Features contemporary style oak-finish cabinet. 28.5 x 40.25 x 20.25 in; 173 lb \$699

FV261W 26" Stereo Monitor/Receiver

26" table-model monitor/receiver with stereo sound. Features MTS/SAP decoder; full-square black-matrix picture tube; two front-mounted 2 x 3 1/2 inch speakers with built-in 5 watt per channel amplifier; 140-channel cable-compatible tuner; 23-function

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wireless remote; A/V input/output jacks; sleep timer. 23.88 x 25.75 x 19.56 in; 102.4 lb. \$699

TJ2757 27" Stereo Monitor/Receiver
27" table-model monitor/receiver with stereo sound. Features MTS/SAP decoder; full-square black-matrix picture tube; two front-mounted 2½ x 5 inch speakers with built-in 1.6 watt per channel amplifier; 157-channel cable-compatible tuner; 19-function wireless remote; on-screen display; audio/video input/output jacks; sleep timer. 23.38 x 26.44 x 20.38 in; 85 lb. \$629

TJ2531 25" Stereo Monitor/Receiver
25" table-model monitor/receiver with stereo sound. Features MTS/SAP decoder; two front-mounted 2½ x 3½ inch speakers with built-in 1.6 watt per channel amplifier; 157-channel cable-compatible tuner; 19-function wireless remote; on-screen display; audio/video input/output jacks; sleep timer. 22.13 x 25.13 x 20 in; 71 lb. \$529
TJ2511. As above, lacks stereo. \$449

TJ2077 20" Stereo Monitor/Receiver
20" table-model monitor/receiver with stereo sound. Features MTS/SAP decoder; full-square high resolution (500 lines) picture tube; two 3 x 5 inch speakers with built-in 3 watt per channel amplifier; 139-channel cable-compatible tuner; 21-function wireless remote; audio/video input/output jacks; sleep timer. 18.2 x 19.5 x 16.61 in; 51 lb. \$429

TG1964 19" Stereo Monitor/Receiver
19" table-model monitor/receiver with stereo sound. Features MTS/SAP decoder; two 3" speakers with built-in 2-watt-per-channel amplifier; 111-channel cable-compatible tuner; 18-function wireless remote; programmable channel scan; on-screen display; audio/video input/output jacks. 18.5 x 19.69 x 18.69 in; 48.6 lb. \$399

TH1922 19" Remote TV
19" table-model TV with remote. Features 110-channel cable-compatible tuner; 17-function wireless remote control. 18 x 19.38 x 18 in; 50.5 lb. \$329
TH1091. As above, lacks remote. \$299

PV131 13" Remote TV
13" table-model TV with remote. Features 107-channel cable-compatible tuner; 17-function wireless remote; dual switchable RF inputs; automatic fine tuning. 13.46 x 14.17 x 14.17 in; 20.9 lb. \$269
3663. As above, lacks remote. \$249

TERA

629A 27" Stereo Monitor/Receiver
Monitor/receiver with double-differential circuit for video signal monitoring and adjustment. Features color-transient improvement circuit; dynamic aperture; velocity modulation; black-level extension; non-linear compensation; MTS/SAP stereo decoder; 181-channel cable-compatible tuner; 6-driver, 25-W/ch sound system; 3 audio/video inputs/outputs; S-VHS input; 26-function remote control; comb filter; saw filter; bass DC servo circuit; flat, square-corner screen. Horizontal resolution 560 lines; luminance >800 lux; geometric distortion <0.2%. Includes wireless-remote headphones. 37.5 x 26 x 19 in; 139 lb. \$1,950
629C. As above, with 2-drive, 10-W/ch sound system. \$1,650

TOSHIBA

CF3078 30" Stereo Monitor/Receiver
Console monitor/receiver with 30" FST Magnum picture tube. Features tinted-phosphors screen to decrease ambient light; swivel-base cabinet; Comput-R-Tune 141-channel cable-compatible tuner with channel return and programmable scan; MTS/SAP stereo decoder with dbx noise reduction; 37-key random-access remote control; multiple audio/video

jacks; variable audio output monitor jacks; external speaker terminals; S-VHS \$2,600

CF3048 30" Stereo Monitor/Receiver
Table-model monitor/receiver with 30" FST Magnum picture tube. Features MTS/SAP stereo decoder with dbx noise reduction; 139-channel cable-compatible tuner; 2 RF inputs; programmable scan; CCD comb filter; horizontal resolution 600 lines; 41-key unified remote control; S-VHS input; A/V inputs; variable audio output; 5 W/ch amplifier. \$2,500

CX3077 30" Stereo Monitor/Receiver
Table-model monitor/receiver with FST Magnum picture tube. Features tinted-phosphors screen; Comput-R-Tune 141-channel cable-compatible tuner with channel return; and programmable scan; MTS/SAP stereo decoder with dbx noise reduction; 25-key random-access remote control; multiple audio/video inputs/outputs; multiple variable audio output monitor jacks; external speaker terminals; CCD comb filter; 600 lines horizontal resolution. \$2,500

CX2778 27" Stereo Monitor/Receiver
Table-model monitor/receiver with 27" FST picture tube. Features MTS/SAP stereo decoder with dbx noise reduction; 139-channel cable-compatible tuner; CCD comb filter; horizontal resolution 520 lines; programmable scan; 2 RF inputs; 41-key unified remote control; S-VHS input; audio/video inputs; variable audio output; 5 W/ch amplifier. \$1,000

CF2768 27" Stereo Monitor/Receiver
Console monitor/receiver with 27" FST picture tube. Features MTS/SAP stereo decoder with dbx noise reduction; 139-channel cable-compatible tuner; 2 RF inputs; programmable scan; CCD comb filter; 520 lines horizontal resolution; 41-key unified remote control; S-VHS terminal; audio/video inputs; variable audio output; on-screen picture and sound control; 6.5 W/ch amp; oak cabinet. \$999

CX2668 26" Stereo Monitor/Receiver
Table-model monitor/receiver with 26" Blackstripe 2 picture tube. Features MTS/SAP stereo decoder with dbx noise reduction; S-VHS input; audio/video input; variable audio output; 2 RF inputs; 139-channel cable-compatible tuner; comb filter; 41-key unified remote control. \$950

CF2758 27" Stereo Monitor/Receiver
Console monitor/receiver with 27" FST picture tube. Features MTS/SAP stereo decoder with dbx noise reduction; 122-channel cable-compatible tuner; comb filter; 400 lines horizontal resolution programmable scan; 27-key remote control; audio/video inputs; on-screen picture and sound control; 5 W/ch amplifier; genuine oak cabinet. \$899

CF2648 26" Stereo Monitor/Receiver
Table-model monitor/receiver with 26" Blackstripe 2 picture tube. Features MTS/SAP stereo decoder with dbx noise reduction; 122-channel cable-compatible tuner; on-screen display of channel and time; comb filter; 400 lines horizontal resolution; programmable scan; 27-key remote control; audio/video inputs; variable audio output; on-screen picture and sound control. \$850

CX2078 20" Stereo Monitor/Receiver
Monitor/receiver with 20" FST picture tube. Features MTS/SAP stereo decoder with dbx noise reduction; 139-channel cable-compatible tuner; 2 RF inputs; comb filter; horizontal resolution 400 lines; 40-key unified remote control; on-screen display of channel, time, picture control, and sound control; programmable scan; S-VHS input; audio/video inputs; variable audio output. \$640

CF2048 20" Stereo Monitor/Receiver
Monitor/receiver with 20" FST picture tube. Features MTS/SAP stereo decoder with dbx noise

reduction; 122-channel cable-compatible tuner; programmable scan; 27-key remote control; audio/video inputs; variable audio output; 5 W/ch amp; on-screen picture and sound controls. \$570

CF2028 20" Monitor/Receiver
Monitor/receiver with 20" FST picture tube. Features 122-channel cable-compatible tuner with channel return; 20-key remote control; audio/video inputs; 90-minute off timer; picture sharpness control. \$470

CF917 19" Monitor/Receiver
Table-model monitor/receiver with 13" Blackstripe 2 picture tube. Features 122-channel cable-compatible tuner with channel return; 19-key remote control; 90-minute off timer; picture sharpness control. \$430
CF317. As above, 13" screen. \$370

TOTEVISION

CB1900 Color TV with VCR
19" color TV with built-in VHS VCR; remote control; soft-touch controls; front-loading; 105-channel cable-compatible tuner; dew indicator; visual search; auto rewind; plays SP, LP, SLP automatically; tape counter with memory. \$771

CB1300 Color TV with VCR
13" color TV with built-in VHS VCR. Features HQ circuits; AFT; 24-function remote control; programs four events over two weeks; one-touch recording; auto on, play, rewind; 110-channel cable-compatible tuner. 15.75 x 16.5 x 15.25 in; 37 lb. 8 oz. \$653

DA-1300 13" Color Monitor
Video and audio input; comb filter; molded-in handle; removable anti-glare filter; uses AC power; on/off volume control; black finish. \$236

VECTOR RESEARCH

VTM-26 Monitor/Receiver
26" table monitor/receiver with dbx. Features 142-channel cable compatible tuner; two sets of A/V terminals; 2.5 W x 2; on-screen display; turn-off timer; quick channel view; horizontal resolution 600 lines; 24.20 x 26 x 19.5 in. \$999

YAMAHA

YM-300S 30" Monitor/Receiver
30" monitor/receiver with MTS/SAP. Features 128 channel tuner; 560 lines resolution; remote control, interactive with current Yamaha VCR's; 3 video inputs, including 1 S-VHS type; on-screen display; flat-square picture tube. \$1,999

YM-270S Monitor/Receiver
27" monitor/receiver with MTS/SAP. Features 142 channel tuner; S-VHS connector; on-screen display; remote control, interactive with current Yamaha VCR's; flat square-picture tube. \$899

ZENITH

SE3535H 35" Console Stereo Monitor/Receiver
35" direct-view monitor/receiver with high-resolution picture tube and built-in World System Teletext. Features Premium Stereo Sound System (2½" tweeter, 6½" midrange and 4½" woofer with 5 watts per channel plus separate 20-watt amplifier for bass); wireless remote for use with TV/VCR/teletext; built-in MTS/SAP decoder; Zenith Digital System 3-color circuitry; digital comb filter; digital color sentry; 178-channel cable-ready direct-access tuner with programmable channel scan; parental-control channel block; 2 video inputs with stereo audio; one bridged video/stereo audio output; 2 audio outputs (one fixed level/one variable and switchable for amp or direct speaker connection); digital connection center with RGB and S-VHS input capability, and text printer output; source selector; on-screen displays; bass,

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treble, balance controls; extended stereo enhancement; sleep timer. Contemporary-style oak-finish cabinet with genuine wood veneers and hardwood solids. 42.31 x 36.31 x 25.38 in. \$3,400

ZB3193H 31" Bose Stereo Monitor/Receiver

31" direct-view monitor/receiver with Zenith/Bose sound system. Features World System Teletext; picture-in-picture; S-VHS input (with adapter); unified TV/VCR wireless remote control; on-screen display; 178-channel cable-compatible tuner; sleep timer; parental control; programmable channel scan; video resolution 560 lines; 3 audio/video input jacks; 1 audio/video output jacks; one variable audio output switchable for amp or direct speaker connection. Contemporary style oak finish cabinet. 30.13 x 31.38 x 21.38 in. \$2,800
ZB3193Y. As above, ebony finish \$2,800

SE3191H 31" Stereo Monitor/Receiver

31" table-model direct-view monitor/receiver with high-resolution picture tube and World System Teletext decoder; PIP; 178-channel cable-compatible tuner; programmable channel scan; on-screen display; sleep timer; audio/video input/output jacks; oak finish. 30 x 31.13 x 21.25 in. \$2,400

SE3133H 31" Stereo Monitor/Receiver

31" direct-view monitor/receiver with high-resolution picture tube and World System Teletext decoder. Features MTS/SAP decoder; PIP; infrared remote control; 178-channel cable-compatible tuner; programmable channel scan; on-screen display; sleep timer; audio/video input/output jacks; parental control; comb filter. 35.06 x 37.93 x 21.13 in. \$2,300

ZB2777H 31" Bose Stereo Monitor/Receiver

27" direct-view monitor/receiver with Zenith/Bose sound system. Features World System Teletext; picture-in-picture; S-VHS input (with adapter); unified TV/VCR wireless remote control; on-screen display; 178-channel cable-compatible tuner; sleep timer; parental control; programmable channel scan; video resolution 560 lines; 3 audio/video input jacks; 1 audio/video output jacks; one variable audio output switchable for amp or direct speaker connection. Contemporary style oak finish cabinet. 31.88 x 42.13 x 20.88 in. \$1,900
ZB2777H. As above with compact vertical style cabinet. 35.63 x 31 x 20 in. \$1,600

ZB2797P 27" Bose Stereo Monitor/Receiver

27" direct-view monitor/receiver with Zenith/Bose sound system. Features World System Teletext; picture-in-picture; S-VHS input (with adapter); unified TV/VCR wireless remote control; on-screen display; 178-channel cable-compatible tuner; sleep timer; parental control; programmable channel scan; video resolution 560 lines; 3 audio/video input jacks; 1 audio/video output jacks; one variable audio output switchable for amp or direct speaker connection. Contemporary-style pecan finish cabinet. 24.75 x 26.88 x 20.13 in. \$1,500
ZB2797Y. As above, ebony finish \$1,500

SE2735P 27" Stereo Monitor/Receiver

27" Console monitor/receiver with Premium Stereo Sound System. Features World System Teletext decoder; PIP; infrared remote control; 178-channel cable-compatible tuner; programmable channel scan; on-screen display; sleep timer; audio/video input/output jacks; parental control; comb filter. Mediterranean-style cabinet, pecan finish. 32 x 44.25 x 21.63 in. \$1,200
SE2733H. As above with contemporary style cabinet, oak finish. 29.31 x 40.94 x 20.75 in. \$1,200

SE2727H 27" Stereo Monitor/Receiver

27" Console monitor/receiver with Premium Stereo Sound System. Features infrared remote control; 178-channel cable-compatible tuner; on-screen display; sleep timer; programmable channel scan; S-VHS input; audio/video input/output jacks; comb

filter. Contemporary-style cabinet, oak finish. 29.75 x 41.75 x 20.25 in. \$950
SE2725R. As above with traditional-style cabinet, cherry finish. 32 x 42 x 21.38 in. \$900
SE2721H. As above with contemporary vertical cabinet with built-in storage area for VCR and accessories, oak finish. 40.38 x 32.75 x 20.31 in. \$950

SE2795W 27" Stereo Monitor/Receiver

27" table-model monitor/receiver with World System Teletext decoder. Features MTS/SAP decoder; infrared remote control; 178-channel cable-compatible tuner; on-screen display; picture-in-picture; sleep timer; programmable channel scan; audio/video input/output jacks. Black walnut finish. 23.75 x 26.5 x 20 in. \$930
SE2791W. As above with eastern walnut finish, lacks picture-in-picture \$830

SE2715H 27" Stereo Monitor/Receiver

27" Console monitor/receiver with stereo sound. Features MTS/SAP decoder; infrared remote control; 178-channel cable-compatible tuner; on-screen display; programmable channel scan; audio input/output jacks; sleep timer. contemporary-style, oak finish cabinet. 34.5 x 29.63 x 20.5 in. \$850
SE2715Y. As above with ebony finish (special order) \$850
SE2717N. As above with country American-style cabinet, pine finish. 34.63 x 38.69 x 21.25 in. \$800
SE2719P. As above with classic-style cabinet, pecan finish. 31.5 x 39.13 x 21.75 in. \$800

SE2799Y 27" Stereo Monitor/Receiver

27" table-model monitor/receiver with stereo sound. Features MTS/SAP decoder; infrared remote control; 178-channel cable-compatible tuner; on-screen display; sleep timer; S-VHS input; programmable channel scan; audio/video input/output jacks. Black Finish. 23.75 x 26.19 x 20.38 in. \$730
SE2789W. As above with walnut finish. \$700
SE2769W. As above, lacks stereo. \$600

SE2517P 25" Stereo TV

27" console television with on-screen display channel, band, time, sleep timer. Features infrared remote control; 178-channel frequency-synthesized cable-compatible tuner; sleep timer; programmable channel scan; 1 audio input; 1 variable audio output. Traditional-style cabinet with pecan finish. 30.25 x 39.75 x 22 in. \$720
SE2511G. As above with contemporary-style cabinet, oak finish, with swivel base \$720

SE2035H 20" Stereo Monitor/Receiver

20" table-model monitor/receiver with Premium Stereo Sound System. Features World System Teletext decoder; MTS/SAP decoder; infrared remote control; 178-channel cable-compatible tuner; on-screen display; programmable channel scan; sleep timer; 2 RF inputs; audio/video input/output jacks; 1 variable audio jack; built-in 10 watt amplifier; 4 speakers. oak finish. 17.19 x 28 x 19 in. \$680

SE2593Y 25" Stereo Monitor/Receiver

25" table-model monitor/receiver with S-VHS input. Features infrared remote; MTS/SAP decoder; 178-channel cable-compatible tuner; on-screen display; sleep timer; 1 audio/video input; 1 audio/video output; 1 video output; 2 audio outputs (1 fixed/1 variable). Black. 22.13 x 25.19 x 19.75 in. \$650
SE2593W. As above with walnut finish. \$630
SE2569W. As above, lacks stereo. \$550

SE2709P 27" Color TV

27" console television with on-screen display of channel, band, time, sleep timer. Features infrared remote control; 178-channel cable-compatible tuner; sleep timer; programmable channel scan. Traditional style cabinet, pecan finish. 32.13 x 39.5 x 21.63 in. \$640
SE2705H. As above with contemporary style, oak finish cabinet with swivel base \$640

SE2509H 25" Color TV

25" console color TV with on-screen display of channel, band, time, sleep timer. Features infrared remote control; 178-channel cable-compatible tuner; sleep timer; programmable channel scan. Contemporary-style cabinet with videocassette recorder and tape storage shelves, oak finish. 41.38 x 27.63 x 20.13 in. \$600
SE2507N. As above with early American-style cabinet, pine finish \$600
SE2505P. As above with traditional-style cabinet, pecan finish \$600
SE2503G. As above with contemporary-style cabinet, oak finish, swivel base \$600
E2504P. As model SE2505P, lacks remote \$530
E2502G. As model SE2503G, lacks remote \$530

SE2501W 25" Color TV

25" table-model color TV with on-screen display of channel, time, sleep timer. Features infrared remote control; 178-channel cable-compatible tuner; sleep timer; programmable channel scan. Walnut finish. 20.38 x 30.75 x 20 in. \$550
E2500W. As above, lacks remote \$480

SE2033Y 20" Stereo Monitor/Receiver

20" table-model monitor/receiver with S-VHS input. Features MTS/SAP decoder; infrared remote control; 178-channel cable-compatible tuner; on-screen display; sleep timer; programmable channel scan; 1 set audio/video input/output jacks; 2 audio output jacks (1 fixed/1 variable); S-VHS input. Black finish. 19.25 x 20.5 x 19 in. \$500

SE2027W 20" Stereo TV

20" table-model TV with MTS/SAP decoder and built-in stereo. Features remote control; 178-channel cable-compatible tuner; on-screen display; sleep timer; headset jack; audio input/output jacks. Walnut finish. 19.25 x 20.5 x 18.88 in. \$480
SE2023W. As above, lacks stereo. \$420

SE2017W 20" Color TV

20" table-model TV with remote. Features 157-channel cable-compatible tuner; programmable channel scan; sleep timer. Walnut finish. 19.13 x 20.63 x 19.13 in. \$400
E2014W. As above, lacks remote \$330

SE1915W 19" Color TV

19" table-model TV with remote. Features 157-channel cable-compatible tuner; programmable channel scan; sleep timer. Walnut finish. 18.13 x 19.25 x 18.5 in. \$390
E1914W. As above, lacks remote \$320

SE1911W 19" Color TV

19" table-model TV with remote. Features 178-channel cable-compatible tuner; programmable channel scan. 16.63 x 24.25 x 19 in. \$370
E1914B. As above with 68-channel tuner, lacks remote. Bronze metallic finish \$300

SE0921A 9" Portable Color TV

9" portable TV with remote. Features 178-channel cable-compatible tuner; programmable channel scan; flush mounted carrying handle. White finish. 10.38 x 10.63 x 11.88 in. \$340
E093MS. As above with AC/DC operation, lacks remote, black finish \$300
E0920A. As SE0921A, lacks remote \$270

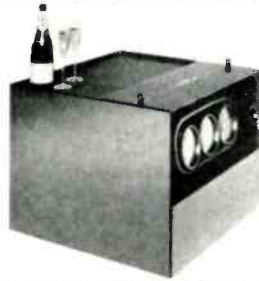
SE1315W 13" Portable Color TV

13" portable TV with remote. Features 157-channel cable-compatible tuner; programmable channel scan; sleep timer. Walnut finish. 14.25 x 14.5 x 15.38 in. \$330
SE1315A. As above, white finish \$330
E1314W. As above, lacks remote. Walnut \$260

E1308W 13" Portable Color TV

13" portable TV with 68-channel tuner. Walnut finish. 12.75 x 18.88 x 15.63 in. \$225

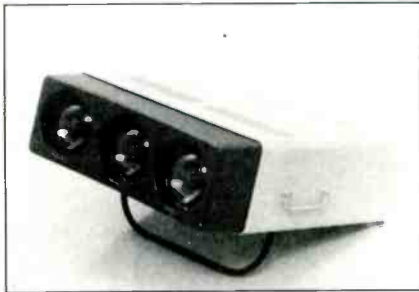
PROJECTION TV'S



AMPRO

Video Beam 3000 Front/Rear-Projection Monitor

6.5-ft curved, 7-ft flat, 10-ft flat high-resolution video and data projector for boardrooms and training. 500 usable lumens; NTSC, RGB/analog and RGB/TTL inputs; auto-scan: 14 kHz-38 kHz horizontal and 40-100 Hz vertical scan rates; A/V switching;



built-in speaker; rear panel; wired or infrared remote controls; floor or ceiling mount; 120/230 VAC; 50/60 Hz; 300 watts; 29.5 x 25 x 9 in; 70 lb; includes one NTSC and one RGB/analog input module . \$9,300

Video Beam 1000 Front/Rear-Projection Monitor

6.5-ft curved, 7-ft flat, 10-ft flat high-resolution projector for large screen video and basic personal computers. 500 usable lumens; NTSC, S-VHS, RGB/analog and RGB/TTL inputs; audio and video switching; built-in speaker; rear panel; wired or infrared remote controls; floor or ceiling mount; 120/230 VAC; 50/60 Hz; 300 watts; 29.5 x 25 x 9 in; 70 lb; includes one NTSC and one S-VHS input \$7,000

Video Beam 4000 Front/Rear-Projection Monitor

5-ft high-resolution, one-piece video and data projection console. 500 usable lumens; NTSC, RGB/analog and RGB/TTL inputs; auto-scan 14kHz-38kHz horizontal and 40-100 kHz vertical scan rates; audio and video switching; built-in speakers; infrared remote control; 120/230 VAC; 50/60 Hz; 300 watts; 72 x 48 x 30 in; 350 lb; Includes one NTSC and one RGB/analog input module \$12,000

Input Modules, Cables and Remote Controls

- 69-8608. RGB analog input module (VB1000) \$480
- 69-8617. RGB analog input module (VB3000A/4000) \$480
- 69-8607. TTL CGA input module (VB1000) . . \$480
- 69-8618. TTL CGA/EGA input module (VB3000A/4000) \$480
- 69-8619. PS/2 VGA input module \$480
- 69-8631. S-VHS input module \$480
- 69-8630. QUAD standard input module . . . \$625
- 69-8613-20. BNC/BNC RGBS 20-ft cable . . \$130
- 69-8611. PC CGA/EGA 20-ft cable \$300
- 69-8620. PS/2 VGA 20-ft cable \$260
- 69-8605. Wireless remote control (VB1000/3000A) \$500
- 69-8601. Wired remote control 30-ft cable . . \$240

Curved Screen and Accessories

- 69-0601. 6.5-ft curved screen includes legs and wall mount brackets. \$460
- 69-8602. Curved screen extended height legs. . \$100
- 69-8610. Curved screen extended height wall mount kit \$56

- 69-8606. Projector ceiling mount kit \$300
- 69-8614. Projection cart with casters (12 1/2" and 28" legs incl.) \$360

GE

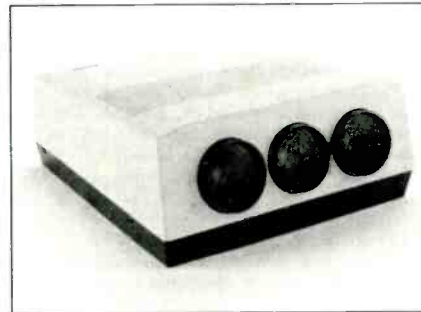
46GW700C 46" Projection TV

Rear-projection color TV with built-in stereo amplifier, MTS/SAP decoder. Digital remote control; video and audio jack pack; comb filter; cable-compatible tuner; glass hybrid lens; cabinet in pecan vinyl finish on fiberboard \$2,000

HARMAN KARDON

VPM-600 Projection Television

Projects picture from 6 feet to 20 feet diagonally on a user-selectable flat or curved screen mounted from a floor or ceiling (front or rear) position. Features dual-stage hybrid lens assembly for better edge focus;



linear phosphor and color demodulator for improved color registration; 7" tubes. Includes 37-function remote control; built-in stereo amp and speakers; RGB input; stereo synthesizer; on-screen convergence from remote. Light output 350 lumens; resolution 400 lines. 600 lines RGB; S-VHS input. Requires 4 square feet of floor space. Comes in injection-molded top cover. 77 lb \$5,990

HEATHKIT

GR-8000 Projection TV Kit

8-foot front projection TV kit with stereo. Features MTS/SAP decoder; liquid-cooled projection tubes; 178-channel cable-compatible tuner; remote control includes flashback feature; built-in stereo amplifier with two 5" oval speakers. contemporary-style cabinet with pecan-color finish. 10.25 x 31 x 25 in; 128 lb. \$1,495

- GRA-8000-3. Manually operated 98"-diagonal screen for GR-8000. 16 lb \$149.95
- GRA-8000-2. Ceiling mount for GR-8000. . . \$49.95
- GRA-8000-1. Matching floor stand for GR-8000. 12.19 x 3.13 x 25.13 in; 64 lb \$59.95

4500 Projection Television Kit

45" rear-projection television kit with stereo. Kit may be assembled in 20 hours. All circuit boards except one are factory built and tested. Features liquid-cooled CRT; cable-ready tuner; black-matrix screen; 178-channel cable-compatible tuner; remote control includes channel-lockout for parental control, flashback feature between two channels, and VCR functions; built-in 5 watt per channel amplifier with two 2.5" tweeters and 2 6.5" woofers. 256 lb. . . . \$1,295

HITACHI

CT-5582 55" Projection Monitor/Receiver

55 rear-projection monitor/receiver with built-in MTS/SAP; digital special effects; built-in surround sound; random-access electronic 181-channel cable-compatible tuner with unified VCR/TV remote control; S-VHS input; A/V input jacks; external speaker jacks; comb filter; on-screen display . \$3500

CT-5075 50" Projection Monitor/Receiver

50" rear projection monitor/receiver with built-in MTS/SAP. Digital special effects; Built-in surround sound; random-access electronic tuning with unified VCR/TV infrared remote control; S-VHS input jacks; A/V input jacks; external speaker jacks; comb filter; on-screen display; vinyl and wood cabinet with swing-away folding doors; 210 lb \$3,500

- CT-5085. Same as CT-5075 (above) except cabinet is designed smaller and no cabinet doors . . . \$3,300
- CT-5081. Same as CT-5085 (above) without digital special effects \$3,000

CT-4275 42" Rear-Projection Television

500-line-resolution rear-projection television with built-in surround sound. Features built-in MTS/SAP; 39-button unified TV/VCR wireless remote control; digital picture-in-picture; on-screen display; 125-channel cable compatible; last-channel recall; slim-style cabinet. 214 lb \$2,900

CT-4271 42" Rear-Projection Television

42" rear-projection television with 450-line horizontal resolution. Built-in MTS/SAP; 30-button unified TV/VCR wireless remote control; 125-channel cable compatible; last-channel recall; slim style . . \$2,200

INFINITY

RS-TV Projection Television

5-15 foot front-projection television with built-in surround sound decoder. Features 10-W/ch amplifier; 178-channel cable-ready tuner; built-in MTS/SAP stereo decoder; 35-function wireless remote control; on-screen graphics; fine furniture finish; 2 RF inputs; 2 video inputs; RGB; TTL; horizontal resolution > 400 lines; light output > 250 lumens; floor or ceiling mount. Approx 110 lb \$5,500

MAGNAVOX

RJ8556 52" Rear-Projection TV

Projection TV with 160° wide-angle black matrix screen. Features S-VHS; >350 footlamberts brightness; TV/VCR/cable universal remote control with learn mode; 10 W rms per channel; 178 total channel capability; PIP; liquid-cooled tubes/liquid-coupled lens system; random access touch-tuning; on-screen menu displays; channel-guide display; remote bass, treble, and balance controls; rear-panel audio/video connections; built-in MTS/SAP stereo decoder; doors on cabinet. \$3,699

- RJ8550AK. As above without learn mode remote and cabinet doors. \$2,999

RJ8545AK 46" Rear-Projection TV

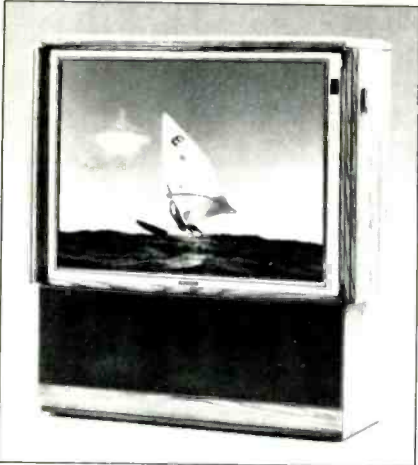
46" version of RJ8550 with >400 footlamberts brightness \$2,999

- RJ8540AK. As 8545 (above) without cabinet doors \$2,799

PROJECTION TV'S

RH8535AK 46" Rear-Projection TV

Projection TV with 400+ fl. brightness. Features S-VHS; 160° wide-angle black matrix screen; TV/VCR/cable universal remote; stereo sound system; 178 total channel capability; liquid-cooled



tubes/liquid-coupled lens system; random-access touch-tuning; on-screen menu display; remote bass, treble, and balance controls; rear-panel audio/video connections; built-in MTS/SAP stereo decoder; cabinet with doors. \$2,699

RH8530. Same as RH8535 without doors. . . \$2,499

RH8515AK 41" Rear-Projection TV

Projection TV with 500+ footlamberts brightness. Features S-VHS; 160° wide-angle black-matrix screen; TV/VCR/cable universal remote; stereo sound system; 178 total channel capability; liquid-cooled tubes/liquid-coupled lens system; random-access touch-tuning; on-screen menu display; remote bass, treble, and balance controls; rear-panel audio/video connections; built-in MTS/SAP stereo decoder; cabinet with doors. \$2,499

RH8510AK. Same as RH8515 without doors on cabinet. \$2,299

MITSUBISHI

VS-685 60" Rear-Projection TV

Rear-projection monitor/receiver with fine pitch, black-matrix, anti-reflective design; 181-channel cable-compatible tuner; auto-programmable channel memory; on-screen display; 560 lines horizontal resolution; three 6-element multi-coated f/1.0 glass lenses; blackout lens barrel; intercooled coupling; video noise reduction; off timer; 20-W/ch 4-speaker sealed-enclosure sound system; external speaker terminals; S-VHS input. \$4,299



Mitsubishi VS-586R

VS-586R 50" Rear-Projection TV

Rear-projection monitor/receiver with fine pitch, black-matrix, anti-reflective design; 181-channel cable-compatible tuner; auto-programmable channel memory; on-screen display; 560 lines horizontal resolution; three 6-element multi-coated f/1.0 glass lenses; blackout lens barrel; intercooled coupling; video noise reduction; off timer; 20-W/ch 4-speaker sealed-enclosure sound system; external speaker terminals; S-VHS input. \$3,799

VS-585R. As above in oak finish. \$3,799

VS-582R 50" Rear-Projection TV

Rear-projection monitor/receiver with three 6-element multi-coated f/1.0 glass lenses. Features intercooled coupling; 560 lines horizontal resolution; 181-channel cable-compatible tuner; MTS; Quick View for fast changing between two channels; off timer; program timer; 10-W/ch 2-speaker sound; S-VHS input; variable/fixed stereo audio outputs; external speaker terminals. \$3,299

VS-468RS 45" Rear-Projection TV

Rear-projection monitor/receiver with three 6-element multi-coated f/1.0 glass lenses. Features intercooled coupling; 560 lines horizontal resolution; 181-channel cable-compatible tuner; channel memory; Quick View; on-screen display; channel lock; program timer; off timer; MTS; 10-W/ch 4-speaker sound; S-VHS input; variable/fixed stereo outputs; external speaker terminals. Oak finish. . . . \$3,199

VS-467RS 45" Rear-Projection TV

Rear-projection monitor/receiver with three 6-element multi-coated f/1.0 glass lenses. Features intercooled coupling; 560 lines horizontal resolution; 181-channel cable-compatible tuner; channel memory; Quick View; on-screen display; channel lock; program timer; off timer; MTS; 10-W/ch 2-speaker sound; S-VHS input; variable/fixed stereo outputs; external speaker terminals. Black vinyl. . . . \$2,799

VS-466RS. As above, contemporary-oak finish. \$2,799

VS-414RS 40" Rear-Projection TV

Rear-projection stereo monitor/receiver with MTS. Features intercooled coupling; three 6-element multi-coated f/1.0 glass lenses; 560 lines horizontal resolution; 181-channel cable-compatible tuner; auto-programmable channel memory; Quick View; on-screen display; channel lock; program timer; off timer; 10-W/ch 2-speakers; S-VHS input; variable/fixed stereo outputs; external speaker jacks. \$2,399

NAD

PMR-45 45" Rear-Projection TV

Rear-projection TV with MTS/SAP stereo decoder. Features 181-channel cable-compatible tuner; 4 sets stereo audio with composite video jacks; S-VHS input; built-in Dolby surround sound; full-function programmable remote control; 650 lines horizontal resolution; 350 footlamberts brightness; color noise-reduction circuitry; precision dynamic-focus circuit; black-level compensation circuit; detail-enhancement circuit; white peak luminance 300 lumens; 120° viewing angle. \$3,995

NEC

PJ-5270 52" Projection TV

Projection TV with surround-sound capability. Features MTS/SAP stereo decoder; >300 fl. brightness; horizontal resolution >500 lines; variable audio out; 2 RF inputs/1 RF output; on-screen display; 2 video inputs/2 video outputs; external speaker jacks; channel lock; 180 minute sleep timer; 24-hour on timer; bi-ocular lens. \$3,999

DT-4871S 48" Projection TV

Projection TV with picture-in-picture. Features MTS/SAP stereo decoder; >350 fl. brightness; horizontal resolution >500 lines; auto channel preset;

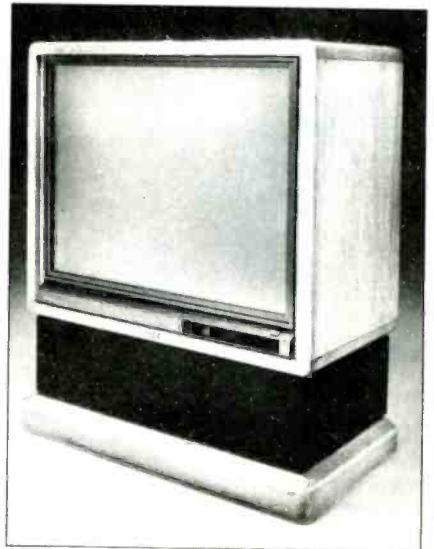
video noise reduction; variable audio out; 2 RF inputs/1 RF output; on-screen display; 3 video inputs/2 video outputs; external speaker jack; channel lock; 180 minute sleep timer; 24-hour on timer; bi-ocular lens. \$3,400

PJ-4680S 46" Projection TV

Projection TV with surround-sound capability. Features MTS/SAP stereo decoder; >400 fl. brightness; horizontal resolution >500 lines; variable audio out; 2 RF inputs/1 RF output; on-screen display; 2 video inputs/2 video outputs; external speaker jacks; channel lock; 180 minute sleep timer; 24-hour on timer; bi-ocular lens. \$3,700

PJ-4660 46" Projection TV

Projection TV with bi-ocular lens. Features MTS/SAP stereo decoder; picture-in-picture; 330 fl. brightness; horizontal resolution >500 lines; variable audio out; 2 RF outputs/1 RF input; on-screen display; 2 video inputs/2 video outputs; external



speaker jacks; channel lock; 180 minute sleep timer; 24-hour on timer. \$3,000

PJ-4170S 41" Projection TV

Projection TV with bi-ocular lens. Features MTS/SAP stereo decoder; >450 footlamberts brightness; horizontal resolution >500 lines; variable audio out; 2 RF inputs/1 RF output; on-screen display; 2 video inputs/2 video outputs; external speaker jacks; channel lock; 180-minute sleep timer; 24-hour on timer; system A/V remote control. \$3,000

DT-4316S 43" Projection TV

Projection TV with picture-in-picture. Features MTS/SAP stereo decoder; >450 footlamberts brightness; >500 lines horizontal resolution; auto channel preset; video noise reduction; variable audio out; 2 RF inputs/1 RF outputs; on-screen display; 3 video inputs/2 video outputs; external speaker jacks; channel lock; 180-minute sleep timer; 24-hour on timer; system A/V remote control; bi-ocular lens. . . \$2,800

PANASONIC

PTK-5190S 51" Stereo Rear-Projection TV

51" diagonal black matrix screen TV with CCD comb filter. Features 3-tube/3-lens rear projection system; Internal Magnetic Focus (IMF) picture tubes with 1-cathode; liquid-cooled picture tubes; optical coupling between tube and lens; velocity modulated scan; luminance noise reduction; chrominance noise reduction; 500 lines resolution; 250 fl.; 155-channel cable compatibility; unified learning remote control; on-screen prompts; S-video input; A/V input and output jacks; stereo and separate audio program reception capability; 10 W audio power; variable

PROJECTION TV'S

audio output jack; 2-way, 4-speaker sound system; on-screen graphic EQ; Dolby surround sound; auto programmable scan; clock and programmable on/off timer; parental-guidance control; pecan veneer cabinet with concealed casters and doors \$4,300
PTK-5196S. As above without doors \$3,800
PTK-4590S. 45" model of above with 300 fL. With doors \$3,800
PTK-4596S. Same as 4590S without doors . \$3,300

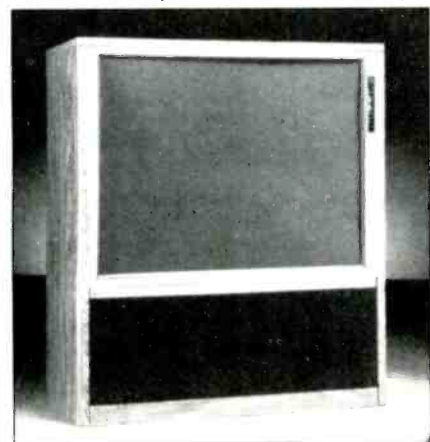
PTJ-4588R 45" Stereo Rear-Projection TV
 Remote-controlled projection TV with liquid-cooled optically-coupled CRT/lens system. Features MTS/SAP decoder; 155-channel cable-compatible tuner; on-screen display of channel and time; stereo audio/video input. TV out, program out and variable audio output jacks; amplifier delivers 10 watts per channel; two 6 1/4" and two 2 1/2" speakers. Peak brightness 300 footlamberts; horizontal resolution more than 450 lines \$2,900

PTJ-4583R 45" Stereo Rear-Projection TV
 Remote-controlled projection TV with unified remote control. Features MTS/SAP decoder; 155-channel cable-compatible tuner; on-screen display of channel and time; stereo audio/video input/output and variable audio output jacks; amplifier delivers 10 watts per channel; speakers include two 6 1/4" woofers and two 2 1/2" tweeters; comb filter. Peak brightness 250 footlamberts; horizontal resolution more than 400 lines; 42.5 x 51.94 x 27 in; 286 lb \$2,900

PTK-4074S 40" Rear-Projection TV
 40" diagonal TV with black-matrix screen. Features 3-tube/3-lens projection system; liquid cooled picture tubes; optical coupling between picture tube and lens; 300 fL; comb and saw filters; 155-channel cable compatibility; 22-function TV/VCR remote control; A/V input/output jacks; S-video jack; stereo and separate audio program reception capability; 5 W/ch audio section; variable audio output jack; bass/treble/balance controls; programmable scan with rapid tune; sleep timer; concealed casters; oak wood-grain cabinet \$2,200

PHILCO

P8346CAK 46" Rear-Projection TV
 Remote-controlled projection TV with remote bass, treble and balance controls, and black matrix screen. Features remote control; MTS/SAP decoder; 178-channel cable-compatible tuner; on-screen display of



channel and time; left and right audio output jacks; left and right audio input jacks; video input and output jacks; two 6" x 4" speakers; comb filter. Peak brightness 300 footlamberts; viewing angle 160°; horizontal resolution 440 lines \$2,230

PHILIPS

52JP55SA 52" Rear-Projection TV
 Remote-controlled projection TV with S-VHS jack.

Features three internal angular reflection-coated 7" tubes; RF switching; MTS/SAP decoder; 6-speaker surround sound; 178-channel cable-compatible tuner; on-screen display of channel and time; amplifier



delivers 10 watts per channel; channel block; comb filter; channel guide; turn-off timer. Peak brightness 450+ footlamberts; viewing angle 160°; cabinet with doors \$3,599
46JP45SA 46" Rear-Projection TV. As above with 46" screen, and 550 footlamberts \$3,599
41JP21SA 41" Rear-Projection TV. As above with 41" screen, 700+ footlamberts, and no doors on cabinet \$2,999

PIONEER

SD-P502 Projection Monitor
 50" Rear-projection monitor with five element hybrid lens. Features 700-line resolution; one glass lens, and 4 aspherical-surfaced plastic lenses; Dynamic



Picture Control (DPC); Dynamic Color Control (DCC); Dynamic Focusing Circuit (DFC); Dynamic Picture Optimizer (DPO); 4 A/V inputs, includes 1 on front panel; 300 fL; cabinet with doors; 53.3 x 46.1 x 26.8 in \$4,200
SD-P452. Similar to above except 45" screen, 350 fL, and 650-line resolution, 50.2 x 42.1 x 25.7 in \$3,850
AD402. As above except 40" screen, 400 fL, and 620-line resolution, 46.1 x 37.6 x 23.4 in \$3,500

QUASAR

PR5585AK 45" Rear-Projection TV
 Remote-controlled projection TV with built-in MTS/SAP decoder. Features TV/VCR unified remote control; auto color system with light sensor;

155-channel cable-ready tuner; L/R audio input/output; L/R variable audio output; video input/output jacks; comb filter; 330/400 line resolution (tuner/direct video source); 5 W/ch stereo amplifier; 2 RF inputs with remote switching; sleep timer; previous channel recall; channel censor; two 5" speakers; bass, treble and balance controls; contemporary oak finish cabinet with bi-fold doors. 49.75 x 42.25 x 27 in \$2,600
PR5525AW. As above without doors. 48.88 x 88 x 27.5 in \$2,500

RCA

P50595T 50" Rear-Projection TV
 Rear-projection monitor/receiver with picture-in-picture. Features ColorTrak 2000 digital remote control system; on-screen displays and prompts; MTS/SAP stereo decoder with dbx noise reduction; comb filter; 275 fL brightness; two built-in 149-channel cable-compatible tuners; alternate channel switching; 59-button remote control; 14-jack video monitor panel; S-VHS input; 10-W/ch power amplifier; 2 built-in speakers with 5" woofers and 2" tweeters; channel lock. Genuine oak veneer finish. Concealed casters. 46.6 x 45.25 x 25.75 in . . . \$3,099

Dimensia RVM46700 46" Rear-Projection TV
 Rear-projection monitor/receiver with 149-channel cable-compatible frequency-synthesis tuner. Features on-screen prompts and displays; auto programming; automatic cable/air switching; picture reset with custom memory; video noise reduction; MTS/SAP stereo decoder with dbx noise reduction; high-compliance speaker system; built-in 10-watt amplifier; multiple-jack monitor; sleep timer; alarm timer; channel lock; light sensor; Dimensia system-remote compatibility \$2,499

P4600TT 46" Rear-Projection TV
 Rear-projection monitor/receiver with 56-button remote control. Features ColorTrak 2000 digital remote control system; on-screen displays and prompts; MTS/SAP stereo decoder with dbx noise



reduction; comb filter; 325 fL brightness; 149-channel cable-compatible tuner; alternate channel switching; 15-jack video monitor panel; S-VHS input; 5-W/ch power amplifier; 2 built-in speakers with 5" woofers and 2" tweeters; channel lock. Oak-veneer finish. Concealed casters. 46.3 x 41.8 x 22.2 in \$2,399

P4200TT 42" Rear-Projection TV
 Rear-projection monitor/receiver with 36-button remote control. Features ColorTrak 2000 digital remote control system; on-screen displays and prompts; MTS/SAP stereo decoder with dbx noise reduction; comb filter; 375 fL brightness; 149-channel cable-compatible tuner; alternate channel switching; 5-jack video monitor panel; S-VHS input; 5-W/ch power amplifier; 2 built-in speakers with 5" woofers

PROJECTION TV'S

and 2" tweeters; channel lock. Oak veneer finish. Concealed casters. 43.9 x 37.6 x 21 in. \$2,299

SHARP

40KD855 40" Projection TV

40" rear-projection television with MTS/SAP, and 20-key random-access remote control with channel flashback and RF switching. Features 140-channel cable capability; in-line 3-tube 3-lens projection system; comb filter; MTS/mono switching; sharpness control; 2 sets of video inputs; 2-way RF inputs/outputs; 2-way, 2-speaker sound system; left and right audio inputs/outputs; compact cabinet with foldback doors. Horizontal resolution 330 lines. 41 x 45 x 25 in; 209 lb. \$2,595

40LD876. Same as above but without foldback cabinet doors. \$2,795

SONY

KPR-46CX10 46" Rear-Projection TV

Rear-projection TV with liquid-cooled coupled picture tubes. Features 350 footlamberts brightness; digital picture-in-picture with split screen, swap, position, channel, instant replay, channel/index, display, multi-screen, 2 built-in 181-channel cable-compatible Express Tuners; 3 sets direct video/stereo audio inputs; S-video Y/C input; variable audio output; matrix surround sound; 22-W/ch sound system with built-in 2-way speakers; MTS/SAP stereo decoder; 160° viewing angle; FM simulcast reception; dynamic focus circuitry; express commander remote control; sleep timer; on-screen displays. 46.1 x 51.9 x 29.4 in; 269 lb. \$4,000

KPR-46DX10. As above, enclosed in cabinet with carved wood doors. \$4,500

KPR-41DS2 41" Rear-Projection TV

Rear-projection TV with up to 500-line horizontal resolution. Features 160° viewing angle; FM simulcast reception; MTS/SAP stereo decoder; express commander remote control; ANT/AUX selector; sleep timer; on-screen display; built-in 10 W/ch amplifier; 3 sets direct video/stereo audio inputs; variable audio line out; S-video Y/C input; matrix surround sound; two 2-way speakers; 181-channel cable-compatible tuner; video caddy shelf for VCR. 35.1 x 45.75 x 27.1 in; 125.75 lb. \$3,100

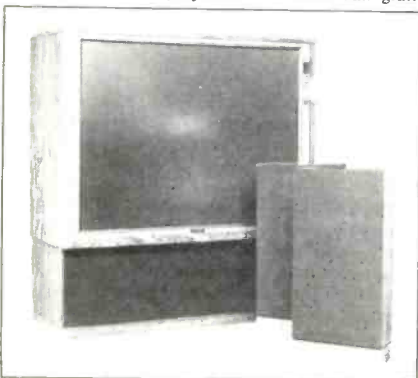
KPR-36NBR 36" Rear-Projection TV

Rear-projection TV with 160° viewing angle. Features up to 450-line horizontal resolution; 3 sets direct video/audio inputs; MTS/SAP stereo decoder; more than 300 footlamberts brightness; FM simulcast reception; express commander remote control; ANT/AUX selector; sleep timer; on-screen displays; APM stereo speakers; 181-channel cable-compatible Express Tuning system; XBR pedestal base; charcoal cabinet with taupe base. \$2,500

SYLVANIA

RSJ450AK 52" Rear-Projection TV

Remote-controlled projection TV with oak grain



finish cabinet and surround sound. Features S-VHS; PIP; >350 ll; 160° viewing area; 7" liquid cooled tubes; 2 RF inputs; 2 line inputs; variable audio outputs. \$2,999

RSJ445AK 46" Rear-Projection TV. 46" version of above with cabinet doors and 400+ FTL. \$2,999

RSJ440AK. As above without cabinet doors \$2,799

RSJ410AK. As above but 41" screen, 500+ FTL, no surround sound, and no cabinet doors. \$2,299

TOSHIBA

TP5288 52" Rear-Projection TV

Rear-projection television with Carver Sonic Holography sound system. Features electromagnetic focus picture tube; MTS/SAP stereo decoder with dbx noise reduction; S-VHS input; audio/video inputs/outputs; variable audio output; picture-in-picture; 181-channel cable-compatible tuner; CCD comb filter; 560 lines horizontal; resolution: >300 footlamberts brightness; two RF inputs; on-screen display; 50-key unified remote control. \$4,000

TP4688 46" Rear-Projection TV

Rear-projection television with Carver Sonic Holography sound system. Features electromagnetic focus picture tube; MTS/SAP stereo decoder with dbx noise reduction; S-VHS input; audio/video inputs/outputs; variable audio output; picture-in-picture; 181-channel cable-compatible tuner; CCD comb filter; 560 lines horizontal resolution; >300 footlamberts brightness; two RF inputs; on-screen display; 50-key unified remote control. \$3,600

VIDIKRON

Vidikron Projection Monitor System

Picture size continuously adjustable from 70-120" diagonally measured; front or rear projection; floor or ceiling mounting; 470 lumens brightness; 460 lines resolution; monitor can be tilt-adjusted up to 20° up



or down; inputs: RF, RGB/analog, RGB/ITL, S-VHS; 2 x 10 watt amplifier; infrared remote for power, input switching, color intensity, tint, brightness, contrast, volume; built-in trigger relay raises and lowers optional flat screen when monitor is turned on and off; remote ceiling mounting bracket; lens covers; 9 x 22 x 24.5 in; 46.5 lb. \$5,700

Accessories for Vidikron Projection Monitor System: Electrically Operated Flat Screens

72 Inch. \$510
120 Inch. \$655

Black Laquer Coffee Table. Designed to conceal Vidikron Projector. Features shelf for VCR and drawer for storage of videocassettes and remote control. \$1,300

Speaker System

Subwoofer. \$340
Two mini-speakers. \$230/pr

ZENITH

ZB4665T 46" Zenith/Bose Rear-Projection TV

46" rear-projection monitor/receiver with Zenith/Bose sound system. Features World System Teletext; picture-in-picture; unified TV/VCR wireless remote; on-screen display; 178-channel cable-com-



patible tuner; programmable channel scan; sleep timer; parental control; S-VHS input (with adaptor); 3 audio/video inputs; 1 audio/video output; 1 variable audio switchable for amp or direct speaker connections. Contemporary-style teak-finish cabinet. 50.63 x 40 x 27.38 in. \$3,400

PV4667C 46" Stereo Digital Rear-Projection TV

46" rear-projection monitor/receiver with Premium Stereo Sound System with Dolby Surround Sound. Features picture-in-picture; 178-channel cable-compatible tuner; on-screen display; liquid-cooled, liquid-coupled projection system; 160° viewing angle; black matrix screen; infrared remote control; S-VHS input with adapter; sleep timer; 2 A/V inputs; 1 A/V output; 1 RGB/S-VHS input; 1 variable audio output with surround channel; 6 speakers; built-in 40-watt amplifier; two surround-sound external speakers included; charcoal slate metallic finish. 48 x 46.75 x 27.81 in. \$3,300

PV865P 8-Foot Stereo Front/Rear-Projection TV

Remote-controlled 8-foot projection monitor/receiver with World System Teletext decoder. Features MTS/SAP decoder; S-VHS input (with optional adaptor); picture-in-picture; 178-channel cable-compatible tuner; on-screen display; optical coupling and liquid-cooled picture tubes; image control; front or rear projection; sleep timer; programmable channel scan; adjustable 5'-10" picture; 2 A/V inputs; 1 A/V output; 1 RGB/S-VHS input; 1 A/V output; 1 variable audio out; two 5" speakers. Pecan finish. 10.24 x 31 x 25 in. \$2,900

PV4661H 46" Stereo Digital Rear-Projection TV

46" rear-projection monitor/receiver with Premium Stereo Sound System. Features World System Teletext decoder; picture-in-picture; S-VHS input with adapter; 178-channel cable-compatible tuner; on-screen display; liquid-cooled, liquid-coupled projection system; 160° viewing angle; black-matrix screen; infrared remote control; programmable channel scan; sleep timer; 2 A/V inputs; 1 RGB/S-VHS input; 1 A/V output; 1 variable audio output; 6 speakers; built-in 30-watt amplifier; oak finish. 50.56 x 41.75 x 27.19 in. \$2,800

PV830X 8-Foot Front/Rear-Projection Monitor

Remote-controlled 8-foot projection monitor. Features S-VHS input (with optional adaptor); optical coupling and liquid-cooled picture tubes; ceiling or floor mount option; front or rear projection; adjustable 5'-10" picture size; image control; on-screen display; 1 A/V input; 1 RGB/S-VHS input; 1 A/V output. Available with white finish. 10.25 x 31 x 25 in. \$2,500

AUDIO/VIDEO PROCESSORS



ARCHER BY RADIO SHACK

15-1279 Dolby Surround Decoder/Amplifier
Decodes Dolby stereo on videotapes and discs; synthesizes surround sound and stereo from monaural sources. Features inputs for tuner, audio tape, and video/TV, and has a built-in 10 watt amplifier. 2.94 x 9.81 x 9.81 in. \$130

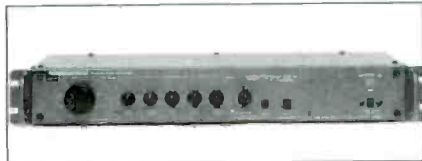
15-1272 Audio/Video Processor
Enables on-screen comparison of processed and original signals. Features fade control; 2 outputs; 2 inputs; RF video/audio conversion; direct connection between videocassette recorder and TV receiver or monitor; connects between 2 VCR's; reduces noise; switcher selects between 2 sources; eliminates copy-guard; can operate during recording and playback. 9.94 x 2.25 x 6.38 in. \$100

15-1263 Audio/Video Control Center
Features switchable processor loop; 4 outputs; 4 inputs; direct connection between VCR and TV receiver/monitor; connection between 2 VCR's; switcher selection between 4 sources; operation during record or play. 9.88 x 2.25 x 6.13 in. \$70

AUDIO CONTROL

Video Soundtracker II

Features five-band equalizer; high-quality comb filter; stereo synthesizer; and noise reduction for TV, VCR, or satellite system. Connects audio output of



video systems to home hi-fi. Cuts out hiss, adds stereo dimension. May be used to add stereo dimension to rear channels. THD below 0.05%; noise reduction 14 dB; noise -80 dB; maximum input/output level 6 V rms; input imp 47 kilohms; output imp 150 ohms. 17 x 2.5 x 6 in.; 6 lb. \$159

AUDIO DESIGN ASSOCIATES

IMC-85BA Integrated Media Controller

Active 8 x 8 audio/video patching system; allows user to dub videotapes, view multiple video monitors.



make programmed off-air recordings, play video tapes and laser discs; signal-to-noise ratio > 100 dB; THD 0.05%; imp < 1 kilohm; video impedance 75 ohms; black anodized aluminum faceplate. 5.25 x 19 x 10 in. \$2,195
IMC-85BR. With brass faceplate \$2,845

IMC-85BC. With black chrome faceplate .. \$2,870
IMC-85CH. With polished chrome faceplate .. \$2,870

AUDIOSOURCE

AV-Three A/V Switcher/Processor

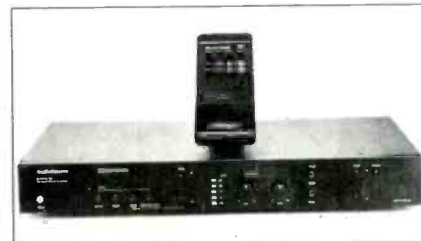
Features fader; enhancer; color and hue control; selection between five A/V inputs and outputs; built-in RF modulator; low-noise A/V distribution amplifiers. Audio section features DNR; stereo synthesizer; audio insert. Video frequency response 50-3.5 MHz \pm 3 dB. 16.5 x 2.25 x 10 in.; 9 lb. \$200

AV-Four A/V Switcher/Processor

Video section selects between five inputs and three outputs; built-in RF modulator; low-noise A/V distribution amplifiers. Audio section features 15-watt/channel amplifier; seven-band graphic equalizer; fader; surround synthesizer; stereo synthesizer; Dolby NR. Video FR 50-3.5 MHz \pm 3 dB; luminance S/N > 80 dB. \$170

SS-Two Surround-Sound Processor

Dolby Surround-Sound processor with stereo synthesizer and hall effects. Features wireless remote



control; variable digital time delay; 30-watt/channel amplifier; calibration knobs for maximum front and rear separation; low/high frequency boost; separate processor output jacks; soft-touch front-panel controls. 16.5 x 2.25 x 11.5 in.; 18 lb. \$250

SS-One/II. As above, lacks remote; mechanical switches. \$200

BP

V-1895 Video Processor

Stereo video processor and video enhancer. Features video stabilizer; 1 video input/4 video outputs; 1 audio input/output; distribution amplifier. 2 x 15 x 6 in.; 4 lb. \$170

V-1880 Video Processor

Stereo video processor and video enhancer. Features video stabilizer; 1 video input/2 video outputs; 1 audio input/output; distribution amplifier. 3 x 13 x 7 in.; 3 lb. \$99

V-1896 Video Enhancer

Stereo video enhancer. Features 1 video input/output. 2 x 5 x 4 in.; 1 lb. \$60

CARTER

60-608 Video Image Enhancer

Improves performance of video cameras, and VCRs. Especially useful when duplicating second or third generation tapes. Features video gain; low-noise audio/video distribution; RF video/audio conver-

sion; eliminates stretches of picture snow on videotape; reduces noise; can operate during recording and playback \$98

FOSGATE

DSM-3606 ProPlus Surround Audio Processor

High-separation, 360 Digital Space Matrix processor with Scheiber/Fosgate logic circuitry. Features line outputs for all channels; 40 W/ch internal amplifier; subwoofer output (80 Hz) plus Bass EQ circuitry; high-separation center-channel output. May be used with three, four, five, or six speaker arrays. LED indicators verify surround and dialog encoding. Class A analog circuitry. Low-loss film capacitors used in audio signal path. Black and gold finish. Less than 0.10% THD at 2 V output; FR: 5-30,000 Hz (main channels), 5-80 Hz (subwoofer), 20-10,000 Hz (surround ch regular mode), 5-30,000 Hz (surround ch medium/wide modes). 17.24 x 2.75 x 12 in. \$629

DSM-3608 ProPlus. Features/specs as DSM-3606 ProPlus but provides low-noise variable time delay and modified Dolby B NR on Dolby Surround mode. Provides high separation enhancement of any stereo source. Includes infrared remote control \$999

DSM-3610 Pro Plus. Provides all of the features of DSM-3606/3608 plus 4 A/V inputs, outputs for left and right side channels enabling user to configure 8-channel system. Gold-plated input/output jacks. Polystyrene/polypropylene capacitors used in audio signal path. Lacks internal amplifier. \$1,429

M-100 Mono Audio Power Amplifier

Compact amplifier designed especially for center channel application in a surround audio system. Features 120-W avg continuous power into 4 ohms from 20-20,000 Hz. 60-W avg continuous power into 8 ohms from 20-20,000 Hz with less than 0.2 THD; input imp 20 kilohms; input level 1 V for rated output. Includes gain adjust; LED clipping indicator; AC power switch \$399

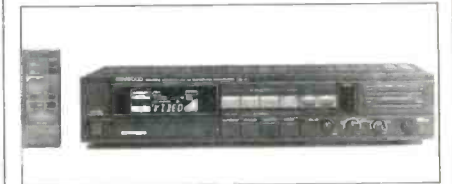
S-100. Stereo. Similar to above \$499

T-100. Tri-channel. Similar to above \$599

KENWOOD

SS-97 Surround Sound Processor

Surround sound processor with Dolby, theater, and stadium (with variable delay) modes. Features 15-W/ch internal rear-channel amplifier; video switching and dubbing control for 2 independent VCR



inputs/outputs; 1 videodisc play or satellite system input; audio injection; remote control. 16.6 x 3.4 x 10.8 in.; 9.9 lb. \$359

SS-77 Surround Sound Processor

Surround sound processor with Dolby, theater, and stadium (with variable delay) modes. Features 10-W/ch internal rear-channel amplifier; calibration controls for monitoring L/R balance; remote-control adaptor. 16.6 x 2.2 x 8.6 in.; 6.8 lb. \$249

AUDIO / VIDEO PROCESSORS

KRAMER

VS-38E Switcher/Generator

Professional production switcher and special-effects generator (SEG). Features 3 composite inputs on three busses: RGB camera input for superimposing one picture into another via a Blue Key effect; a Downstream Keying input for a character generator or genlock camera; a key input for use with a B/W camera; separate control for fade-to-black. Other features include a built-in blackburst sync generator; (A-B)/C video bus structure; 8 wipe patterns; blue keying effect; colorizer for adding color to light or dark areas during use of downstream keying input; downstream keyer for keying in character generator or a DSK camera; separate preview bus to display inputs, color generator, downstream key, black output of B/W camera, special effects, and program out; separate ten-pin camera socket tied to input one for supplying power to a camera and genlock to other inputs to that camera through the two blackburst outputs. Looping inputs with high-z/terminate switches allow inclusion of other video processing devices in system. Signal-to-noise ratio better than 60 dB; crosstalk better than 56 dB at 3.58 MHz; frequency response better than 10 MHz. Rack-mountable; 19 in. \$2,495

KCP-180 Color Encoder

RGB/NTSC color encoder converts computer- or camera-generated color RGB signal, either TTL or analog, to full RS170 NTSC composite video. Accepts and reconstructs poor computer sync so that video can be recorded on VCR or displayed on standard monitor/receiver. Features a color bar generator; separate RGB level controls. Input has looping nine-pin TTL connectors and looping BNC analog connectors; accepts sync or sync-on-green; accepts both positive and negative sync; converts either interlace or noninterlace video. Video nonlinearity 3%; hue control $\pm 120^\circ$; blue-green; luminance signal-to-noise ratio 60 dB. 1.75 x 19 x 7.25; 5 lb. \$1,995

VS-15EII Vertical Interval Matrix Switcher

12 x 2 matrix switcher with digital control illuminated touch switches for selection of 12 video/audio-stereo inputs to 2 busses. Applications include broadcast, cable, studio. Features isolated buffered inputs/outputs; inputs: 2 video, switchable 75 ohm 10K, stereo mic; outputs: 3 video processed, 75 ohm, 3 audio stereo; video definition control; color control; video gain; mix. \$1,395

VS-11EII Video Hi-Fi Processor

High-resolution video enhancer with split-screen and color processor. Features video gain; fade control; contrast control; split-screen control; definition control; three-input video switcher; three-output video and stereo-audio distribution amplifier; 10-pin camera input. Color control ± 10 dB at subcarrier frequency; luminance S/N ratio 60 dB; audio bandwidth 20-20,000 Hz ± 3 dB. \$899

VS-4E Video/Stereo Audio Corrector

Composite video corrector for home or studio use. Features automatic noise eliminator; color expand control; auto downstream keying; 2-input video/stereo switcher; mic/line mixer with audio fade; 3 video processed outputs; video definition control; video gain error <0.5 dB; video phase error $<2^\circ$; Luminance S/N >65 dB; audio SN >75 dB. \$599

VS-12E Video Sound Processor/Audio Corrector

Corrects audio portion of a video signal. Features audio exciter; 2-way audio mixer; audio amp; EQ; one LED per channel power meter; 2 stereo inputs; 1 audio/stereo output; headphone; mic mixer; S/N >75 dB. \$599

VS-6EII Digital Video/Audio Switcher

Digital switcher uses microchips for all switching. Features include parallel switching of 4 video and

stereo audio inputs to 4 video and stereo audio outputs in any matrix combination; can route, monitor and split signals without having to plug and unplug cables; all inputs and outputs are isolated and



buffered. Video section: 4 inputs, 75 ohm, 1 volt; 4 outputs, 75 ohms, 1 volt; nonlinearity less than 1%; video bandwidth 8 MHz ± 3 dB; video/audio gain error 1 dB. Audio section: 4 stereo inputs, 47 kilohms, 1 volt; 4 stereo outputs, 100 ohms, 1 volt; channel crosstalk <50 dB; audio bandwidth 20-20,000 Hz ± 1 dB. 2.25 x 9.25 x 6.38 in. \$549

VM-10A A/V Distribution Amplifier

Features ten video and stereo audio outputs feeding from one video and audio source; one video loop with Hi-z/75-ohm termination switch and stereo audio loop. Video nonlinearity better than 2%; chroma phase error less than 2 degrees; video bandwidth 20,000 Hz; signal-to-noise ratio 65 dB. \$469

VM7-E Video Noise Limiter

Video processor removes video noise and snow from composite video picture. VNL circuitry removes up to 10 dB of video noise from signal. Features include video splitter; luma control for proper brightness and contrast; processors; enhancers; frequency control for finding which area in video bandwidth requires maximum noise reduction. 3.5 lb. \$299

VS-2EII Video/Stereo Audio/Distributor

Combines video enhancer with video gain circuit and stereo-audio mixer. Features automatic noise limiter; color processor; video amplifier and fader; three video outputs with two-input/three-output stereo-audio mixer. \$329

VM-11E Screen Splitter

Video splitter displays 2 video sources on same monitor for comparison of processed to nonprocessed video. Also allows viewing of 2 pictures at the same time. \$229

LEXICON

CP-1 Digital Audio Environment Processor

Dolby Pro-Logic decoder operates entirely in the digital domain. Features auto azimuth adjustment; auto input balance; ambience extraction; reverb; ambience generation; 3 inputs; 8 outputs; can work with up to 7 different speaker systems; fully integrated remote control. \$1,200

MULTIVISION

1.1 DVC Digital Video Controller

Four inputs; one output; remote control; displays two sources on screen; monitors and swaps audio independent of video; scans four active A/V sources automatically; PIP positionable; color saturation and hue adjustments for PIP image; PIP strobe; autoscans samples all active video and audio sources for time programmable between 1 and 10 seconds; audio and video processor loops; LED readout. \$329

2.1 PIP Processor

Six-bit digital processing; 139-channel cable-ready tuner; digital video effects include picture-in-picture viewing of second broadcast channel (when used with a VCR's tuner), PIP monitoring of external video source, PIP freeze frame, PIP strobe, and swapping main and inset images. Size of inset picture variable

from one-third to one-sixth or one-eighth of screen; variable position; all features controlled through remote. \$289

MV IP Video Processor

Video image processor with horizontal and vertical enhancement. Features dynamically controlled enhancement dependent on signal conditions; filter level control for picture clarity; preset image-enhancement control for taping; 3 selectable video inputs; monitor and taping outputs; power, active-/bypass, preset, source selection, filter, and detail controls. Luma gain and linearity $\pm 4\%$ max; chroma phase and gain error $\pm 4\%$ max. 10 x 8 x 3 in; 8 lb \$249

NEC

PLD-910 Dolby Pro-Logic/Surround Decoder

Features left and right independent dual 16-bit digital delay circuit from 1-94 msec in 0.1msec steps; Dolby Pro-Logic surround sound; Creation surround sound; 41-key full-function wireless remote control; quadruple-oversampling D/A converter; FIP indicator; input/output terminals; noise sequencer; 0.005% THD. \$999

AVD-700E Digital Delay Processor

Digital-delay processor/switcher provides adjustable delay circuit for rear channel (from 0 - 92 msec). Features 6 video inputs, 5 video outputs; 11 audio inputs, 8 audio outputs; surround-sound effects; Dolby, hall, matrix, and creation; 42-function remote control with memory. Frequency response (analog stage) 10-10,000 Hz ± 3 dB, (digital stage) 10-20,000 Hz ($+0.5$, -1 dB); signal-to-noise ratio 100 dB; 0.005% THD; 17 x 3.1 x 13.5 in; 16.1 lb. \$729

AV-330 A/V Surround-Sound Amplifier

Surround-sound amplifier with Dolby and hall modes. Features synthetic stereo; NEC digital delay circuit; four amplifiers, two 30-W/ch front, two 15-W/ch rear; 3 memory presets for volume and balance;



visual channel balance display; input level controls; balance controls; A/V input/output array; 24-key wireless remote control; bass-emphasis switch; high filter; headphone output. \$499

PLD-310 A/V Surround-Sound Processor

Features Dolby Pro-Logic surround sound with normal, phantom, and wide modes; bypass mode; digital delay circuitry with delay of up to 20 msec; wireless remote control; test-tone circuitry. \$449

AV-260 Surround-Sound Amplifier

Surround-sound amplifier with Dolby, hall, and matrix modes. Features synthesized stereo; NEC digital delay circuit; 30-W/ch amplifier for front or rear speakers; 3 memory presets for volume and balance; separate left and right input level controls; audio/video input/output array; 20-key wireless remote control with memory. \$349

NUMARK

VAM-2000 Video Processor

Video processor with digital time-base correction. Features stereo audio processing video enhancer; 3 video inputs/outputs; 4 audio inputs/outputs. 9 x 19 x 6 in; 22 lb. \$4,995

ORA

TU2 Wireless Remote TV Tuner

Enables non-remote-controlled TV's to become fully

AUDIO/VIDEO PROCESSORS

remote controlled and cable ready. Features 139-channel cable-compatible tuner; outputs for audio/video signals for TV video monitors and videocassette recorders; volume control; RF and switched AC outlet. \$199.95

SDXI Stereo Decoder

Stereo TV adaptor with MPX and channel 3 RF inputs. Features one switch for selection of stereo, mono and SAP; a separate ch. 3, MPX selector switch; stereo left and right audio outputs compatible with most home stereo equipment. Can be used with TU2 tuner for true stereo TV sound. \$99.95

HQS2000 Enhancer/Stabilizer

Similar to the HQ1000, but also includes a copyguard stabilizer for preventing picture jitter. \$99

HQ1000 Audio/Video Enhancer

Upgrades older VCR's to the "High Quality" (HQ) improvements made in newer units when doing tape-to-tape copying. Also enhances video and stereo/audio signals. \$60

PIONEER

SP-X707 Surround-Sound Processor

Surround-effect processor with four modes: simulated stereo, stadium, theatre, and Dolby Surround; dynamic-expansion switch; super-bass switch; wireless remote control. Power output 30 W/ch. 3 x 14.19 x 13 in; 14 lb, 9 oz. \$320

EG-X707 Audio/Video Processor

With video enhancer for detail, sharpness, noise reduction, white clip; control for color balance, hue, and depth; A/V fader; seven-band graphic equalizer; spectrum display. 3 x 14.19 x 13.13 in; 10 lb, 10 oz. \$225

PROTON

601T Stereo Video Tuner

Stereo video tuner with 3 audio inputs, 4 audio outputs, 3 video inputs, 4 video outputs (1 variable), and digital PLL tuning. Receives 139 channels. Features simultaneous view and record for all sources; electronic-controlled front-loading door; remote control; last-channel recall; FM simulcast capability; built-in stereo; SAP. 16 x 2.5 x 13 in. \$379

RABBIT

Double-Play Digital Video Processor

Features picture-in-picture; 1 video input/1 video output. 3 x 12 x 8 in. \$230

RECOTON

V612A Master Control Center

Connects up to six video components to master device. Operates any of three output functions simultaneously. Features 10-dB signal amp; 75-dB isolation and insertion; loss <3 dB; LED mode indicators; master keyboard. 3.5 x 7 x 5 in; 4 lb \$230

V615A Stereo Color Processor

Stereo color processor/enhancer/distribution amplifier for making copies of videotapes. Features detail enhancement; tint control; color control; video gain control with meter; bypass switch; makes up to four copies from one original simultaneously; RF converter; 1 RCA video input, two RCA audio inputs; four RCA video outputs, eight RCA audio outputs, one RF output. \$230
V615M. Similar to above with MacroVision processing. \$250

Stereo Audio/Video Switcher

Three inputs; four outputs; video and audio distribution amplifiers; allows recording one source while watching another; allows making four copies of one original at once; LED readout. \$230

V624 MTS Stereo TV Decoder (Fred III)

MTS stereo decoder with digital filters. Connection to cable TV converters with selectable channel 3/4 RF input. Stereo TV sound probe allows any TV or VCR to receive and decode MTS and SAP; multi-band stereo synthesizer automatically senses mono broadcast and simulates stereo; built-in 12-W/ch integrated stereo amp with individual sliders for volume, balance, bass and treble. Dynamic Noise Reduction; MPX inputs for direct connection; one line output and line input. Audio frequency response 20-14,000 Hz; signal-to-noise ratio >70 dB; separation 35 dB ± 5 dB; 7 x 13 x 3 in; 10 lb. \$180

V622 MTS Stereo TV Decoder (Fred I)

MTS stereo decoder with digital filters. Allows stereophonic reproduction of any program broadcast in stereo. Designed by Larry Scholtz, this sound probe allows any TV or VCR to sense and decode MTS stereo broadcasts. Multiband synthesizer senses and simulates stereo from monaural broadcasts; spatial expander increases stereo separation. S/N >70 dB; stereo separation 35 dB ± 5 dB; 3 lb. \$150

V604A Enhancer/Converter/Stabilizer

Stereo enhancer/RF converter/stabilizer with low-noise video-enhancement/detail circuit; video noise reduction; timed fade control; adjustable stabilizer with LED lock; brightness and contrast adjustments; bypass; two inputs; three outputs. \$150

V618 Stereo Simulator Amplifier

Splits mono sound into two channels and simulates stereo sound while boosting level to 4.5 watts. Features DNR noise reduction; LED display; plugs into earphone jack or audio-out jack. With two 10" speaker leads, 6-ft male RCA to male 3.5-mm plug, mini jack to RCA plug adaptor. \$145

V614 Video Control Center

Mini video control center with four inputs and two outputs. Pushbutton selectors; LED indicator panel; two Gold Connection cables; TV game/computer adaptor, AC adaptor. 1.5 x 6 x 4 in. \$140

Producer Savies Enhancers

V601A. Image enhancer with RF converter for high contrast, improved color. \$100
V620. Stereo audio/video distribution amplifier for sending one signal to up to four VCR's; heavy-duty shielding. RCA inputs and outputs. \$90
V600A. Video stabilizer with RF converter to eliminate picture roll and distortion; installs between VCR and TV. \$70
V609. RF converter converts output of video or computer component into standard antenna signal; with selector for channel 3 or 4. \$50

V611 Stereo Sound Simulator

Installs between TV or VCR and stereo system, changing mono output to simulated stereo. Right and left volume separately adjustable; adjustable noise reduction; shielded solid-state crossover. With cables. \$44

V311A VCR-TV Stereo Simulator

Miniature stereo simulator built into connecting cord; connects between mono VCR or TV at input end and two RCA jacks at output end. \$12

Fred Probes

V510. Replacement internal probe. \$8.99
V511. Replacement external probe. \$8.99

SANSUI

AV-99 Audio/Video Signal Processor

Features fade control; contrast control; direct connection between VCR and television receiver or monitor; connection between two VCR's; switcher selection between three sources; operation during recording and playback; joystick-operated color wiper; joystick-operated color generator; zoomer; video



enhancer/stabilizer; color bar generator; color background generator; solarization; tape counter; monitor selector; 4.06 x 16.94 x 11.25 in; 9 lb. \$700

VX-99 Color Video Processor

Post-production processor enables user to make soft/hard edge wipes; image positioning; fade to color/picture; positive/negative control switching; digital art; 2 video outputs; audio fade and mix; 8 background colors; external processor terminal for editor, character generator, or other components. \$600

DS-77 Surround-Sound Processor

Decodes encoded stereo video tapes to provide surround-sound performance. Features 3 surround-sound effects: Theater, QS Surround and Hall. Built-in 10-W/ch amp to drive rear or front speakers; sub-bass synthesizer and peak attacker; outputs for 3 sets of speakers; stereo synthesizer for mono materials. 2.94 x 16.94 x 9.88; 8.6 lb. \$400

SHURE

Theater Reference System

Includes 1 HTS 5300 Acra Vector Logic Decoder; 3 HTS50SPA 100-watt-per-channel signal processing stereo amplifiers; 1 HTS50CF center front speaker; 4 HTS50LRS speakers; 1 HTS50SW Subwoofer. \$9,600

HTS 5300 Acra Vector Logic Decoder

Dolby Surround audio processor with Acra-Vector Logic decoder and variable true digital time delay. Features Acoustic Space Generator; output LED monitor; six-channel output; separated L/R surrounds in rear, and subwoofer output; wireless remote with optional extender for installations where the decoder is not in the open. FR: front left, center, right 20-20,000 Hz ± 0.5 dB; subwoofer - 3 dB at 80 Hz; surround left, right per Dolby surround specifications (50-7,000 Hz, -3 dB). THD: Front left, center, right <0.1%; Surround left, right <0.3%. 2.38 x 16.69 x 15.03 in; 11.83 lb. \$1,250
HTS60RX Optional Remote Extender. For HTS 5300. \$99

HTS 5200 Generation 2 Processor

Dolby Surround audio processor with Acra-Vector Logic Decoder and variable digital time delay. Features Acoustic Space Generator; output LED monitor; six-channel output; separated L/R surrounds in rear, and subwoofer output; wireless remote. Frequency response 20-20,000 Hz ± 0.5 dB (front L/R, center); S/N >90 dB; THD: (front L/R, center) <0.1% (surround L/R) <0.3%; 16.81 x 2.38 x 15.03 in; 11.10 lb. \$1,000

HTS 5000 Surround-Sound Processor

Decodes Dolby stereo sound encoded in videodiscs, videotape, and broadcast TV. Produces simulated surround sound from mono and stereo sources. Provides up to six channels of audio output: left, right, center, two surround channels, and subwoofer. Features Acra-Vector decoder circuitry with variable digital delay; acoustic space generator; wireless remote control; output LED monitor display. FR 20-20,000 Hz ± 0.5 dB; S/N (front left, front right, center) >90 dBV, <85 dBV (surround L/R); 16.81 x 2.38 x 15.03 in; 9.13 lb. \$749

AUDIO / VIDEO PROCESSORS

SONY

PCM-601ESD Digital Processor

Digital audio processor converts analog sound to digital signal configured as NTSC video signal for recording on VCR, receives such a signal from VCR and converts signal back to analog audio signal. Features digital input/output interface; direct decoding of digital output from compact disc players; digital audio data transfer; switchable 14- or 16-bit quantization; digital copy-out; automatic muting; independent left and right record-level settings; monitors VCR's output signal for errors caused by head wear or transport instability (so VCR can be adjusted)..... \$1,400

SDP-777ESD Digital Surround Processor

Combines digital delay circuitry with Dolby HX Pro Logic decoding. Features 16-bit quantization digital processing; switch-selectable speaker configuration; built-in pink noise generator; matrix delay mode; hall delay mode; stereo simulator delay mode; built-in video switching capability; audio outputs; Remote Commander..... \$850

XV-C700 Color Corrector

Features white balance correction; hue/color adjustment; phase correct for false outline compensation; color-bar generator; gamma compensation; negative/positive reversing; 8 back colors; 15 wipe patterns; A/V fader; audio mixing..... \$700

XV-T600 Picture Computer

Features superimposition capabilities; adds image scanner output to TV screen or prerecorded video; partial or total coloring for superimposed title or illustration (15 colors); fine/solid/airbrush drawing; curved line drawing with optional GB 6 track ball; saving/verifying/loading of superimposed picture capability..... \$600

XV-T500 Digital Video Superimposer

For superimposing titles with digital memory circuitry using conventional video camera. Features 8 colors; normal/border/shadow title effects; title/background reverse; fade in/out; microphone mixing..... \$550

SURROUND SOUND

4000 Full Logic Stereo Surround System

Surround-sound decoder with built-in 45-watt-per-channel amplifier. Features digitally controlled adjustable time delay; automatic Dolby B noise reduction; full-function wireless remote control. Modes for:



Dolby Surround, music surround, mono enhance, bypass. Total harmonic distortion 0.03%; front-channel frequency response +0.5 dB 18-50,000 Hz; surround channel frequency response +0.5 dB of Dolby specification; front-to-back separation 65 dB; decoding detector range -80 dB; 4 stereo line level inputs; 4 video inputs; 6 outputs including center, surround and subwoofer; 2 speaker level outputs; 2 video outputs. 3.25 x 17 x 13 in.; 13.2 lb..... \$700

3601I Amplified Stereo Surround System

Surround-sound decoder with 45 watt amplifier built-in. Six-channel system features center channel and subwoofer outputs; 4-way input-switching and dub outputs; delay-adjustable mono enhance mode for synthetic stereo from any monaural input. 2.38 x 16.75 x 13.5 in.; 14.5 lb..... \$380

1000 Surround Sound System

Surround-sound decoder with built-in 20-watt-per-channel amplifier. Features continuously variable time delay; automatic Dolby B noise reduction; delay-adjustable mono-enhance mode for synthetic stereo from any monaural input. 2.75 x 17 x 8.5 in..... \$250

Cinema 500 System. 1000 Surround-sound decoder



with two SSI Speaker 500 speakers..... \$300

TEAC

AV-550D Audio/Video Controller

Features Dolby Surround, hall surround, and matrix surround with video enhancer and audio insert. Includes fade control; five inputs; connects between two VCR's; reduces noise; can operate during recording and playback. 12-W/ch from 100-6,000 Hz with no more than 1% total harmonic distortion; audio frequency response 20-100 kHz \pm 3 dB; luminance signal-to-noise ratio 62 dB; video frequency response 6-10 MHz \pm 3 dB. 17.1 x 2.75 x 11.6 in..... \$459

AV-200 Video Processor

Features 8 inputs (6 with record out, 2 for playback); adjustable video gain on all inputs; wireless remote control; motorized volume control; FR 10-20,000 Hz -3 dB; S/N 70 dB. 17.1 x 2.8 x 11.6 in..... \$299

AVF-3 Video Processor

Features single-frame digital memory; variable-strobe effect; video sharpness control; video-image-soft switch; color-level indicator; FR 6-4 MHz -3 dB; S/N 60 dB at 1,000 Hz. 8.6 x 1.8 x 9.9 in..... \$249

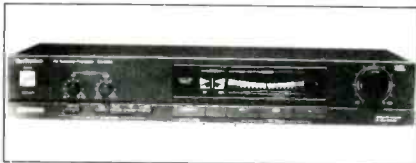
TECHNICS

SH-AV44 A/V Surround Processor

A/V surround processor with Dolby Surround and selectable modes. 6 position A/V selector with BGV (background video) capability; built-in amp for surround sound speakers; bass boost; master volume control; rear level control; calibration controls with LED indicators; effect/delay time control for surround effect; LED input source indicators. Audio section: 25 watts/ch rms; FR 40-20,000 Hz both channels driven with 0.3% THD; 16.94 x 3.38 x 10 in.; 10.1 lb... \$295

SH-AV40 Surround Processor

Dolby A/V surround system with inputs for 3 video components. Features 3 selectable modes, theater,



hall, and stereocplex surround sound; built-in 20 watt-per-channel amplifier; fluorescent display; master

volume control; Dolby calibration controls; surround-sound input switch..... \$280

TEKNIKA

HAMPIO Surround A/V Center

Audio/video control center with Dolby Surround and built-in four-channel amplifier. Features four surround modes: Dolby, space surround, simulated stereo and off; VCR 1 (in-out), VCR 2 (in-out), video disc in, audio tape deck (in-out), compact disc in, TV in, TV monitor out, AUX video-audio in (front panel), mic in (3.5mm)/ audio center out, front speaker (L/R), rear speaker (surround speaker) (L/R); built-in 40 watt x 2 (front) + 20 watt x 2 (surround) amplifier. Frequency response 10-50,000 Hz \pm 3 dB (front), 20-6,000 Hz \pm 3 dB (surround); audio S/N 75 dB. 3.16 x 16.94 x 13.63 in.; 12.81 lb..... \$449

VIDEONICS

DirectED

Automatic movie-making system. Combines the functions of a video editor, titler, and special-effects generator in a single package. Functions solely by wireless remote control. Features a help key for on-screen help; 64 title-colors to choose from; wipe and fade capability. Can be used with any format of tape. (VHS, VHS-C, Beta, or 8mm)..... \$499

ProED. Upgrade add-on unit for DirectED. Allows automatic assembly and insert editing. Controls both VCR's. Makes use of edit features on advanced VCR's. Optional printer and keyboard. Enables title scroll and increased graphics capability..... \$490

CollectED. Video collecting add-on for DirectED. Nicknamed the "video jukebox". Collects music videos or other material on a library of videotapes. Once the videos are collected, the viewer selects the videos of interest. The system tells the viewer which tapes to insert and finds and plays the selections, without playing unwanted material..... \$99

YAMAHA

DSP-1 Digital Sound Field Processor

Features 16 preset acoustic surround modes including 6 channel digital Dolby surround; 16 additional preset effect modes; 16 user-programmable memory modes; 16 character LCD; wireless infrared remote control; 5 variable perimeter adjustments per mode; digital sound field generator..... \$999

DSR-100 Pro Dolby Pro Logic Decoder

Dolby Surround Sound decoder with Pro Logic circuitry. Features DSP interface to connect to Yamaha digital sound field processor DSP-1 or DSP-3000. Wireless remote control also operates DSP-1 or DSP-3000 when interfaced. Motor-driven master volume control; individual center and rear volume controls; tape monitor; pink noise generator alternates between channels for channel balancing. Frequency response 10-50,000 Hz +0.3, -3 dB; total harmonic distortion 0.03% @ 1 kHz. Surround decoder signal-to-noise ratio 90 dB. 2.88 x 17.13 x 12.25 in.; 9.88 lb..... \$599

SR-50B Surround Sound Processing Amp

Surround processor-amplifier with 5 surround modes. Features Dolby surround/bass extension speaker. A, B switch; 2 x 25 W rms into 8 ohms; FR 20-20,000 Hz; THD >0.01%; continuously variable delay time control..... \$349

PRICES LISTED

are manufacturers' suggested retail prices
(also referred to as *list* prices);
actual selling prices are set by individual dealers.
All prices are subject to change without notice.

VIDEO SPEAKERS



ACOUSTIC RESEARCH

Powered Partner Speaker

Acoustic-suspension two-way bookshelf speaker with shielded drivers for use near video screens without causing picture distortion. Features built-in equalized amp; on/off switch; volume and tone controls; AC/DC inputs; 4" long-throw woofer; 1" liquid-cooled tweeter. Can be placed on top or near TV, hung on a pole, mounted on wall, or clamped to a shelf with optional clamps. Frequency response 50-25,000 Hz \pm 3 dB; impedance 10 kilohms. Black aluminum finish. Triangular shape. \$450/pr

AV-6 Speaker

Fully self-contained powered 2-way loudspeaker system with shielded drive units for video system compatibility; features 4" long-throw woofer and liquid-cooled 2" tweeter. ABS plastic case; scratch resistant paint. Triangular wedge shape. 6 x 10.5 x 7.63 in. \$250/pr

BOSE

AM-5 Acoustimass Speaker System

Three-piece speaker system with Acoustimass bass module and Direct/Reflecting cube satellites. Each magnetically shielded satellite has two separate cubical enclosures that can be attached or separated, rotating for direct or reflected sound. Bass module has two 6 1/2" woofers in a double-ported enclosure. Features positive-temperature-coefficient protection circuit; high-positive-current-coefficient resistor to compress overloading input signals. Maximum power handling 165 watts. Satellite dimensions: 3 1/2" on each side with grille extending 1"; bass module dimensions: 20 x 12 x 8 in. \$699/system

SE-5 Acoustimass Stereo Everywhere System

Compact modular speaker system with Acoustimass bass module and Stereo Targeting arrays. Each array includes two 2 1/2" magnetically shielded wide range drivers in a black enclosure. The base module has two 6" low frequency drivers that fire into two internal chambers. Features positive temperature coefficient protection circuit; high positive current coefficient resistor to compress overloading input signals. Max power handling 100 W; stereo targeting array 8.25 x 4.88 x 3.56 in; bass module 7.56 x 12.63 x 20.19 in. \$699/system

Video RoomMate Speakers

Pair of powered speakers with single magnetically shielded driver with twin ports in each charcoal-gray enclosure with silver grille; volume control; active equalization; circuits to minimize distortion and noise; standard RCA cables; optional adaptors; optional mounting accessories (arms and wall brackets). 9 x 6 x 6 in; 13 lb. 8 oz/pr. \$279/pr

BOSTON ACOUSTICS

A40V Series II Video Speaker

Compact speakers with MagnaGuard magnetic shielding for placement next to a video receiver or monitor without affecting picture quality; 1/4" ferrofluid tweeter, 6 1/2" long-throw woofer; power range 5-50 watts; frequency response 68-20,000 Hz \pm 3 dB; impedance 8 ohms. 13.5 x 8.25 x 7.25 in; 9 lb. Black finish. \$190/pr

DESIGN ACOUSTICS

PS-6V Shielded Bookshelf Speaker

Acoustic-suspension speaker with shielded magnets for use near video screens without causing picture distortion. Features 6" long-throw woofer; 1/4" soft-dome tweeter, mirror-image driver placement; acoustically treated baffle with minimal surface area. Frequency response 55-20,000 Hz; power range 10-100 W; sensitivity 88 dB SPL/W/m; imp 8 ohms. 8.13 x 12 x 11.5 in; 12 lb each. \$280/pr

FISHER

STV-440M 3-Way Video Speaker

3-way bass-reflex magnetically-shielded speaker. Features 15" woofer; 5" ferrofluid-cooled midrange; 3" ferrofluid-cooled tweeter; automatic-reset circuit breaker; 150 W max power handling; sens 93 dB; 38.7" high. \$300/pr

STV-430M 3-Way Video Speaker

3-way bass-reflex magnetically-shielded speaker. Features 15" woofer; 4" ferrofluid-cooled midrange; 3" ferrofluid-cooled tweeter; automatic-reset circuit breaker; 100 W max power handling. \$200/pr

STV-420M 3-Way Video Speaker

3-way bass-reflex magnetically-shielded speaker. Features 12" woofer; 4" ferrofluid-cooled midrange; 3" ferrofluid-cooled tweeter; automatic-reset circuit breaker; 100 W max power handling. \$160/pr

STV-410M 3-Way Video Speaker

3-way bass-reflex magnetically-shielded speaker. Features 10" woofer; 4" ferrofluid-cooled midrange; 3" ferrofluid-cooled tweeter; automatic-reset circuit breaker; 60 W max power handling; sens 90 dB; 26" high. \$100/pr

STV-8626 3-Way Video Speaker

3-way bass-reflex magnetically-shielded speaker; 8" woofer; 4" midrange; 3" tweeter; 50 W max power handling; sens 89 dB; 24" high. \$100/pr

STV-228 2-Way Video Speaker

2-way bass-reflex magnetically-shielded speaker. Features 8" woofer; 3" tweeter; 50 W max power handling; sens 89 dB; 18" high. \$80/pr

KENWOOD

LSK-05S Speaker

4 x 6-inch elliptical dual-cone air-suspension speaker for rear-surround applications. Features bookshelf-size, wedge-type cabinet; 30 W max power handling; sens 90 dB; FR 80-20,000 Hz; imp 8 ohms. 7.7 x 10.4 x 5.7 in. \$69/pr

LSK-01S Speaker

4" full-range cone bookshelf speaker. Features wedge-type cabinet; 20 W max power handling; sens 91 dB; FR 100-20,000 Hz. 5.5 x 7.5 x 4.4 in. \$49/pr

KOSS

M/100 Plus Magnetically Shielded Speaker

Bass-reflex speaker with built-in 20-W/ch amplifier. Two 4 1/2" cone woofers; 1" dome tweeter. Frequency response 50-30,000 Hz \pm 3 dB. \$260/pr

M/90 Plus Magnetically Shielded Speaker

Bookshelf bass-reflex with larger cabinet for improved bass response. Two 4 1/2" cone woofers; 1" dome tweeter. Frequency response 50-30,000 Hz \pm 3 dB; power range 10-20 watts; sens 88 dB SPL/W/m; imp 4 to 6 ohms; 15 lb. \$220/pr

M/80 Plus Magnetically Shielded Speaker

Bookshelf bass-reflex speaker. Two 4 1/2" cone woofers; 1" dome tweeter. Frequency response 50-30,000 Hz \pm 3 dB; power range 10-20 watts; sens 92 dB; imp 4 1/2 to 6 ohms; 5.25 x 12.88 in. \$190/pr

M/60 Plus Magnetically Shielded Speaker

Bookshelf bass-reflex speaker. 4 1/2" cone woofer; 1" dome tweeter. FR 100-30,000 Hz \pm 3 dB; power range 10-15 watts; sens 84 dB; imp 6 to 8 ohms; 8.25 x 4.75 x 5.5 in. \$135/pr

MITSUBISHI

M-S100 3-Way Speaker

Floor-standing, magnetically-shielded 3-way speaker. Features 12" high-polymer laminate woofer; 5" high-polymer laminate midrange; 1" titanium dome tweeter; FR 45-20,000 Hz \pm 3 dB; 150 W continuous, 600 W peak power handling. \$1,100/pr

NEC

RS-1000 Magnetically Shielded Speaker

Floor-standing 4-way video speaker with 10" dual woofer. Features 130 W max power handling; built-in circuit breaker; magnetic-shielding; 200 W max power handling; FR 28-20,000 Hz; sens 90 dB; imp 4 ohms; oak veneer finish. \$800/pr

RS-500 Magnetically Shielded Speaker

Floor placement acoustic-suspension video speaker. All drivers are magnetically shielded. Features 12" cone woofer; 5" polypropylene-acetate cone midranges; and soft-dome tweeter. Frequency response 40-20,000 Hz \pm 3 dB; minimum power 15 watts, maximum power 130 watts; sens 92 dB with 1-watt input measured at 1 meter; imp 8 ohms; finished in teak oak; 14 x 27 x 10.75 in. \$499/pr

AVS-300 Magnetically Shielded Speaker

Bookshelf acoustic-suspension video speaker with 5 1/2" cone woofer and 1" polymer dome tweeter. Frequency response 80-20,000 Hz \pm 3 dB; minimum power 5 watts; maximum power 60 watts; sens 89 dB SPL/W/m; impedance 8 ohms. 6.5 x 9.75 x 5.63 in; 6.12 lb ea; oak or ebony vinyl finish. \$199/pr

SW-300B Powered Subwoofer

Magnetically-shielded bass-reflex subwoofer with built-in 60-W amp. Features turnover and level controls; low-pass filter. 20.7 x 17.9 x 15.34 in \$299

SW-400 Magnetically Shielded Speaker System

Magnetically-shielded speaker system with 4" 2-way speaker and powered subwoofer. Features 60-watt power amplifier for center/mono channel; 12" subwoofer; 3-level turnover switch. \$599 ea

PIONEER

CS-910 3-Way Shielded Speakers

Magnetically shielded for use near video screens; 12"

VIDEO SPEAKERS

cone woofer; 4" cone midrange with center dome; 1" dome tweeter; aluminum die-cast frames for woofer and midrange; tweeter and midrange drivers of titanium; round-cornered baffle for reduced diffraction and smooth response; dark oak veneer. Frequency response 25-30,000 Hz; nominal impedance 6 ohms; sens 90 dB SPL/W/m; maximum power 150 W. 35.69 x 16.13 x 15.31 in. \$1,000/pr

CS-VX110 2-Way Shielded Speakers

Magnetically shielded for use near video screens; usable with monitors or as surround-sound speakers (mount on wall with attached brackets); 7" woofer; 2" tweeter; dark oak veneer. Frequency response 50-20,000 Hz; nominal impedance 8 ohms; sensitivity 90 dB SPL/W/m; maximum power 60 watts. 13.75 x 9.38 x 5.31 in; 23 lb. 1 oz (pair) \$300/pr

POLK

Videosound Series Speakers

VS-25 Video Speaker

Bookshelf speaker with combination dual-opposed and magnetic shielding for placement near TV's. Features 6 1/2" fluid-coupled subwoofer; 6 1/2" Polk trilaminate bass driver; 1" polydome tweeter. Frequency response 26-25,000 Hz \pm 3 dB; minimum power 3 watts; maximum power 125 watts; sensitivity 93 dB SPL/W/m; impedance 6 ohms; hi-tech black finish; 8.5 x 22.75 x 11 in; 25 lb \$200/ea

VS-19 Video Speaker

Bookshelf speaker with combination dual-opposed and magnetic shielding for placement near TV's. Features 6.5" Polk trilaminate bass driver; 1" polydome tweeter. Frequency response 28-25,000 Hz \pm 3 dB; minimum power 3 watts; maximum power 100 watts; sensitivity 93 dB SPL/W/m; impedance 6 ohms; black finish; 8.5 x 18.75 x 11 in. \$150/ea

VS-12 Video Speaker

Bookshelf speaker with combination dual-opposed and magnetic shielding for placement near TV's. Features 6.5" Polk trilaminate bass driver; 1" polydome tweeter. Frequency response 30-25,000 Hz \pm 3 dB; minimum power 3 watts; maximum power 80 watts; sens 93 dB SPL/W/m; imp 6 ohms; hi-tech black finish; 8.5 x 14.25 x 11 in; 19 lb \$100/ea

PROTON

313 Video Speaker

Designed to match VT-20 20" monitor/receiver. Acoustic-suspension bi-amplified video speaker with 20-watt internal woofer amplifier and 5-watt internal tweeter amplifier. Features 4 1/2" cone passive radiator; 4 1/2" cone woofer; 1 3/4" ferrofluid-cooled cone tweeter; tweeter level control; input sensitivity control; magnetically shielded. Frequency response 80-20,000 Hz \pm 6 dB; impedance 8 ohms. 6.5 x 23 x 7.5 in; 12 lb ea; black finish. \$299/pr

RCA

SPK500 3-Way Video Speaker

3-way floor-standing bass-reflex speaker with Zero Magnetic Distortion for placement next to a video monitor. Features 11" cross-carbon woofer; 4" pure carbon midrange; 1" titanium alloy dome tweeter. FR 28-20,000 Hz \pm 3 dB; max input power 160 W rms; imp 8 ohms. 12.75 x 36 x 12.5 in \$499/pr

SPK400 3-Way Video Speaker

3-way floor-standing acoustic-suspension speaker with Zero Magnetic Distortion. Features 12" nylon-coated woofer; 4" resin-coated midrange; 1" soft dome tweeter. FR 35-20,000 Hz \pm 3 dB; max input power 120 watts; imp 8 ohms. 13.6 x 24.25 x 12.75 in. \$349/pr

SPK250 2-Way Video Speaker

2-way acoustic-suspension speaker with Zero Mag-

netic Distortion. Features 8" polypropylene woofer; 1" soft dome tweeter. FR 45-20,000 Hz \pm 3 dB; max input power 80 W rms; imp 8 ohms. 9.5 x 15.6 x 9.5 in. \$229/pr

SPK050 Full-Range Video Speaker

Full-range speaker with Zero Magnetic Distortion. Features 4" polypropylene cone; color-coded input terminals; pivoting mounting brackets. FR 200-15,000 Hz \pm 3 dB; max input power 50 W rms. 7.1 x 7.4 x 7 in. \$129/pr

RECOTON

Fred SP-II Video Speaker (V633)

Powered bookshelf speaker with magna-shield magnetic shielding. Features 12-W/ch amplifier; 5 1/4" woofer; 1 1/4" cone tweeter; volume, balance, bass, and treble controls; two aux inputs for playback of MTS stereo TV decoder. Frequency response 60-20,000 Hz \pm 3 dB; sens 91 dB SPL/W/m; imp 4 ohms; black finish. 18 x 6 x 7 in; 10 lb \$199.95/pr

Fred SP-I (V632). Same as Fred SP-II but with 5 1/4" driver instead of separate woofer and tweeter. Frequency response 80-18,000 Hz \pm 3 dB; sensitivity 90 dB SPL/W/m; 9 x 6 x 6 in; 5 lb \$169.95/pr

SHURE

HTS50CF Magnetically Shielded Speaker

Magnetically shielded speaker designed for use in the center front location in an HTS Theatre Reference System. Features two 6 1/2" woofers and one 1" tweeter. Frequency response 55-18,000 Hz; power handling 100 watts into 8 ohms; sens 88 dB; imp 5.6 ohms. 20 x 13.5 x 8.63 in; 37 lb \$750

HTS50LRS Magnetically Shielded Speaker

Magnetically shielded speaker designed for use in the front L/R and surround L/R locations in an HTS Theatre Reference System. Features one 6 1/2" woofer and one 1" tweeter. FR 60-18,000 Hz; power handling 100 watts into 8 ohms; sens 85 dB SPL/W/m; imp 5.6 ohms. 13.5 x 10 x 8.63 in; 24.2 lb \$500/ea

HTS50SW Magnetically Shielded Subwoofer

Magnetically shielded subwoofer designed for use in an HTS Theatre Reference System. Features 12" subwoofer. FR 33-80 Hz; power handling 100 watts into 8 ohms; sensitivity 91 dB SPL/W/m; impedance 5.6 ohms. 18 x 23 x 14 in; 65 lb \$650

SONY

SRS-200 Powered Video Speaker

Powered, full-range, magnetically shielded speaker with wood cabinet. Features DES (Dynamic Equalizer Sound) circuit; closed cabinet; stereo mini jack; RCA phono jack; built-in 55 W amp; FR 40-20,000 Hz. \$300/pr

APM-007A Powered Video Speaker

Powered APM (Accurate Pistonic Motion) speaker with magnetic shielding. Features 1 full-range driver; 7.7 W built-in amplifier; imp 4 ohms; sens 87 dB. Comes with AC power adaptor; mounting screws; protection cushions; connecting cord. Silver or black. 2.9 x 5.75 x 4 in; 4.5 lb \$200/pr

SRS-150 Powered Video Speaker

Powered, bass-reflex, magnetically-shielded speaker with wood cabinet. Features input selector switch; DES (Dynamic Equalizer Sound) circuit; 40 W amp built into left speaker; impedance 4 ohms; sensitivity 85 dB; frequency response 45-20,000 Hz. 5.25 x 7.9 x 7.5 in. \$200/pr

SRS-100 Powered Video Speaker

Powered, magnetically-shielded speaker. Features 20-W amp built into left speaker; auto power switch; integral stand; 3 x 3-inch driver with passive radiator. \$200/pr

SRS-B505 Powered Subwoofer

Powered tower subwoofer with shielding to prevent picture distortion when used near video screens. Controls for line-level or headphone-level input, speaker polarity, crossover frequency (70, 120, or 200 Hz), subwoofer level, and master volume. Hooks up to television pocket stereo, portable CD player, boombox, or stereo system; wooden cabinet. Power output 30 watts. \$200

TECHNICS

SB-RX50 Video Speaker

Bookshelf ported speaker with double-magnetic shielding. 9 1/2" honeycomb carbon woofer; 1 1/8" mica-diaphragm tweeter; auto-reset thermal protection. Frequency response 30-48,000 Hz \pm 3 dB; minimum power 20 watts; maximum power 160 watts; impedance 6 ohms; walnut-veneer finish. 11.75 x 18.91 x 1.09 in; 36.4 lb \$1,140/pr

SB-RX30 Video Speaker

Bookshelf ported speaker with double-magnetic shielding. Features auto-reset thermal protection; rear-facing port; 9" honeycomb woofer; 1 1/8" mica-diaphragm tweeter. Frequency response 52-25,000 Hz \pm 3 dB; minimum power 20 watts; maximum power 120 watts; sensitivity 88 dB SPL/W/m; impedance 6 ohms; simulated wood finish. 10.75 x 15 x 9 in; 16.5 lb \$490/pr

SB-R100 Video Speaker

Bookshelf or wall-mount acoustic-suspension speaker with magnetic shielding. Features 32-cm passive radiator; honeycomb woofer; mica-disc tweeter. Frequency response 70-25,000 Hz \pm 3 dB; minimum power 20 watts; maximum power 100 watts; sensitivity 87 dB SPL/W/m; impedance 8 ohms. Aluminum die-cast cabinet with black finish. 12.41 x 12.41 x 2.75 in; 10 lb \$480/pr

SB-F2MK2K Video Speaker

Bookshelf acoustic-suspension speaker with double-magnetic shielding. Features thermal protection; 5.5" honeycomb woofer; 1.13" honeycomb tweeter. Frequency response 55-33,000 Hz \pm 3 dB; minimum power 20 watts; maximum power 100 watts; sensitivity 88 dB SPL/W/m; impedance 8 or 4 ohms. Aluminum die-cast cabinet with black finish. 6.19 x 10.03 x 6.78 in; 11 lb \$410/pr

SB-F1MK2K Video Speaker

Bookshelf acoustic-suspension speaker with magnetic shielding. Features 4 3/4" honeycomb woofer; 1 1/8" mica-disc tweeter. Frequency response from 65-33,000 Hz \pm 3 dB; minimum power 20 watts; maximum power 80 watts; sens 86 dB imp 8 or 4 ohms. Aluminum die-cast cabinet with black finish. 5.28 x 8.63 x 5.34 in; 6.4 lb \$340/pr

SB-S20 Video Speaker

2-way acoustic-suspension speaker with rounded baffle edges. Features 2" cone tweeter; 4" cone woofer; frequency response 68-22,000 Hz; maximum power handling 40 watts; impedance 8 ohms; 19.06 x 6.5 x 5.5 in; 4.6 lb \$100/pr

TEKNIKA

HASP 10 Magnetically Shielded Speaker

Bookshelf acoustic-suspension speaker with 3 position variable crossover. 1 1/2" cone woofer; 4" cone midrange; 1" dome tweeter. Frequency response 35-35,000 Hz; sensitivity 91 dB SPL/W/m; imp 6 ohms; 26.78 x 14.97 x 12.78 in; 50.68 lb \$1,100/pr

HASS 10. Matching stand for HASP 10 \$99

HASP 20 Magnetically Shielded Speaker

Floor-standing acoustic-suspension speaker for rear surround channel. 4" cone full range driver. Frequency response 120-8,000 Hz; sensitivity 87 dB SPL/W/m; impedance 8 ohms. 10.13 x 7.19 x 1.09 in; 20 oz \$89/pr

AUDIO / VIDEO SYSTEMS



FISHER

A/S-6836 A/V System

A/V system consisting of Fisher 8836DVX audio system and additional video components. Features separate audio and video power supplies. . . . \$1,999

RS-913B Stereo Receiver. Features 100 W/ch; 5-band graphic EQ; quartz-PLL tuner with 18 FM/6 AM station presets and auto scan tuning.

CR-W913B Cassette Deck. Features dual-cassette mechanisms; sequential play; Dolby noise reduction; high-speed dubbing.

MT913B Turntable. Features semi-automatic operation and front-panel cueing.

AD-913B CD Player. Features 16-track programming; forward/reverse scan; repeat; 3-beam laser pickup; digital filtering.

STV-66B Speakers. A pair of 3-way, magnetically shielded speakers with 12" woofers.

PC-367WS Stereo Monitor/Receiver. Features 26" screen; S-VHS input; MTS/SAP stereo decoder; 181-channel cable-compatible tuner; on-screen display.

RAV-877 Unified Remote Control. Features controls for all components and capability to control optional Fisher VCR and surround-sound processors.

RA-668 Cabinet. Unified audio/video cabinet with space for Fisher VCR's.

ASR-875 Surround-Sound Processor. (Optional) Features Dolby and synthesized surround effects, and a pair of WS460 surround-sound speakers.

FVH-6600 VHS Hi-Fi VCR. (Optional) VHS Hi-Fi VCR with on-screen programming. Features 6-event/1-year timer; 4 video heads; 122-channel cable-compatible quartz tuner.

A/S-6845 A/V System

Audio/video system consisting of Fisher 8846DV audio system and additional video components. Separate audio/video power supplies. . . . \$1,999

RS-914B Stereo Receiver. Features 120 W/ch; 5-band graphic EQ; panel logic display; 18 FM/6 AM station presets; auto scan tuning.

CR-W914B Cassette Deck. Features dual cassette mechanisms; autoreverse on deck A; Dolby noise reduction; high-speed dubbing.

DAC-914B CD Changer. CD changer with 5-disc capacity. Features 32-track programming; random play; 3 repeat modes.

MT-914B Turntable. Features semi-automatic operation; front-panel cueing; removable P-mount cartridge.

STV-667B Speakers. Two 3-way magnetically shielded speakers with 15" woofers.

PC-367WS Stereo Monitor/Receiver. Features 26" screen; S-VHS input; MTS/SAP stereo decoder; 181-channel cable-compatible tuner; on-screen display.

RAV-877 Unified Remote Control. Features controls for all components and capability to control optional Fisher VCR and surround sound processors.

RA-668 Cabinet. Unified audio/video cabinet with space for Fisher VCR's.

FVH-6600 VHS Hi-Fi VCR. (Optional) VHS Hi-Fi VCR with on-screen programming. Features 6-event/1-year timer; 4 video heads; 122-channel cable-compatible quartz tuner.

KENWOOD

Spectrum 9060AV System

Full function remote-controlled A/V system. Fea-

tures JL-9060AV speakers with Dual Tuned Port (DTP) bass energizer configuration; KMT-2026 26" TV monitor/receiver with 560 lines of horizontal resolution; KM-106 power amplifier and KC-206 control amplifier which provide 125 watts of power and a 7-band graphic equalizer; KT-76 AM/FM digital tuner; KX-96W double autoreverse cassette deck capable of recording and playing back two tapes in sequence; DP-760 CD player with double oversampling, digital and analog filtering; KD-66 direct drive, linear-tracking turntable; cabinet finished in light-grain teak \$2,999

Spectrum 7060AV System

Full-function remote-controlled A/V system. Features same power amplifier, control amplifier, and monitor receiver as the 9060AV system; JL-965AV 3-way speakers magnetically shielded for A/V usage; KT-56 synthesized AM/FM tuner with 16 presets and auto tuning; KX-66CW double cassette deck with Dolby NR and high-speed dubbing; DP-560 CD player with double-oversampling digital filters; KD-66FCL direct drive, linear-tracking turntable \$2,699

MARANTZ

VV-212CD Audio/Video System

System features furniture-styled console with wood-grain doors; 12" 4-way speakers; digital tuner with 16 presets; 5-band equalizer; wireless remote control; belt-drive turntable; dual cassette deck with Dolby B and high-speed dubbing; programmable CD; VHS Hi-Fi with HQ, 110-channel cable-ready tuner, MTS/SAP, and 4-event/21-day timer; 26" monitor with 142-channel cable-ready tuner \$3,500

AVH-1100CD Audio/Video System

26" monitor with MTS/SAP and 142-channel cable

compatibility; 100-W/ch amplification; 5-band graphic EQ; digital tuning with 16 presets; 16-track programmable CD player; double cassette deck with Dolby B; belt-drive semiautomatic turntable; 10" 3-way tower speakers; oak vinyl finish with glass door. \$2,300

NEC

ES-4160 Audio/Video System

A/V system with projection television. Features PJ-4160 projection television; DX-5000 4-head digital hi-fi VCR; A-910 100 W/ch integrated amplifier; AV-260 surround-sound amplifier with digital delay; T-710 AM/FM tuner; K-710 dual-well cassette deck; CD-720 CD player with quadruple-oversampling digital filter; CP-200 solid-oak veneer canopy; AR-200(2) solid-oak veneer audio cabinet; two RS-1000 magnetically shielded speakers with dual 10" woofers; two AVS-300 5/2" 2-way rear-channel speakers . . . \$8,749

ES-2610 Audio/Video System

A/V system with CT-2610 26" stereo monitor/receiver; N-966 4-head hi-fi VCR; AV-360 surround-sound amplifier with digital delay; T-710 AM/FM stereo tuner; K-710 dual-well cassette deck; CD-520 CD player with double-oversampling digital filter; VR-200 solid-oak veneer video cabinet; AR-200 solid-oak veneer audio cabinet; two RS-100 magnetically shielded speakers with dual 10" woofers \$5,204

ES-2600 Audio/Video System

A/V system with 26" stereo monitor/receiver; N-966 4-head hi-fi VCR; A-1300 130-W/ch surround sound amplifier; T-610 AM/FM stereo tuner; K-710 dual-well cassette deck; CD-420 CD player with double-oversampling digital filter; VR-500 A/V cabinet (oak or black); RS-500 3-way speakers \$4,324



Marantz VV-212CD Audio/Video System

AUDIO/VIDEO SYSTEMS

PROTON

AV-27 Audio/Video System

Features 27" VT-220 stereo monitor/receiver with flat-square-tube screen and matching Proton AL-300B speakers. Audio components include remote-controlled AC-3001I compact disc player, AD-300 cassette player, AT-300 tuner, and AM-300 30-W amp with Dynamic Power on Demand (can boost power up to four times rated output). System is housed in Proton R27S and R11A black wood racks \$3,882/system

RCA

Dimensia Audio/Video System

The Dimensia system is a microprocessor-controlled audio/video system with an integrated wireless remote control that allows system components to interact or operate independently of each other. The Dimensia system can consist of a variety of components, allowing users to design their own systems as well as expand or upgrade when desired. The choice of video components includes the VP1640HF S-VHS Hi-Fi VCR, (see VCR section), all Dimensia stereo monitor/receivers (see monitor/receiver section), a 46-inch projection set (see projection-TV section), and the following audio components:

MSR250. Dimensia A/V receiver with unified remote control and on-screen status indication when used with Dimensia monitor. Features 5-band graphic equalizer; automatic input selection; remote control volume, mute, direct access and station scan, and power; SystemLink cabling; simultaneous recording and playback; auto status indication; auto switching; electronic volume control; output protection; preset turn-on volume; fluorescent display; muting; quartz-PLL-synthesis tuning; auto stereo/mono switching; preset channel scanning; signal processing loop; 4 AC convenience outlets. Amp section: 50 W/ch in 8 ohms both channels driven from 20-20,000 Hz with no more than 0.08% THD; S/N 85 dB; EQ center frequencies at 63, 250, 1,000, 4,000, and 16,000 Hz; EQ range ± 10 dB. Tuner: FM sens 12.2 dB; S/N 73 dB; sel 60 dB; sep 40 dB at 1,000 Hz; capture ratio 1.5 dB; FM FR 30-15,000, 14.6 x 4.1 x 13.4 in. \$399

MPT200. Dimensia A/V control center with unified remote control and on-screen status indication when used with Dimensia monitor lets you select inputs from up to 13 Dimensia components and 5 nonsystem components. Features automatic input selection; remote control volume, mute, direct access and station scan, and off/on; SystemLink cabling; simultaneous recording and playback; auto status indication; auto switching; quartz-PLL synthesis tuning; 20-station random tuning memory; preset channel scanning; FM search tuning; electronic volume control; signal-processing loop; preset turn-on volume; fluorescent display; muting; bass, treble, and balance controls; 4 AC convenience outlets. Tuner: FM sens 12.2 dB; S/N 73 dB (mono); image rejection 45 dB; sel 60 dB; sep 40 dB at 1,000 Hz; capture ratio 1.5 dB; FM FR 30-15,000 Hz, 14.6 x 4.1 x 13.4 in. \$339

MPIA120. 240-watt Dimensia power amplifier with automatic power-on and on-screen volume graphics indication when used with Dimensia monitor. Features fluorescent output display with peak hold; LED power and overload indicators; quick-connect speaker terminals; display on/off switch; headphone jack; A/B speaker switching; AC convenience outlet. Power output: 120 W/ch into 8 ohms from 20-20,000 Hz with no more than 0.015% THD; S/N 88 dB, 14.6 x 4.75 x 13.75 in. \$319

MPIA100. 200-watt Dimensia power amplifier with automatic power-on and on-screen volume graphics indication when used with Dimensia monitor. Features quick-connect speaker terminals; headphone jack; A/B speaker switching; AC convenience outlet. Power output: 100 W/ch into 8 ohms from 20-20,000 Hz with no more than 0.015% THD; S/N 88 dB, 14.6 x 4.75 x 13.75 in. \$279

MCD245. Compact disc player with Dimensia remote-control operation and on-screen status indica-

tion when used with Dimensia monitor. Features 15-track random programming; forward/reverse search for track, index, or scan; repeat; auto switching; system record-protection logic; SystemLink cabling; powered disc-loading drawer; directory display panel; independent suspension system; manual function controls; 3-beam laser pick-up. FR 5-20,000 Hz ± 1.0 dB; S/N > 95 dB; THD 0.005% (at 1,000 Hz); sep 90 dB (at 1,000 Hz); sampling frequency 44.1 kHz, 14.6 x 3 x 10.6 in. \$279

MTR225. Dimensia double cassette deck with remote-control operation and on-screen status indication when used with Dimensia monitor. Features Dolby B & C NR; high-speed dubbing; soft-touch electronic controls; microprocessor control; peak meters; random-access programming; scan-and-play system; automatic tape cueing; auto-tape selection; record-level control. S/N 70 dB (Dolby C), 60 dB (Dolby B); w&F $< 0.07\%$, 14.6 x 5 x 10.4 in. \$339

MT230. Dimensia turntable with remote-control operation and on-screen status indication when used with Dimensia monitor. Features belt-drive design; P-mount cartridge; programmable track selection; system record-protection logic; auto size and speed selection; cue muting. S/N 65 dB; w&F less than 0.06%. 14.6 x 3.5 x 14.25 in. \$229

MSP400. Dimensia surround-sound processor with built-in amplifier and Dimensia remote operation. Features Dolby Surround; simulated surround; theater surround; stadium surround; front/rear channel volume with mute; loudness; bass boost; sound expansion; line-level center- and rear-channel outputs; tape monitor loop; AC convenience outlet. Power output 30 W/ch from 100-6,000 Hz with no more than 3.0% THD; S/N 60 dBA (surround speakers output) \$319

MGE260. 10-band graphic equalizer features Dimensia system design; automatic power-on; lighted slide controls; fluorescent spectrum analyzer display; built-in muting; EQ-bypass switch; power-off bridging; AC convenience outlet. EQ center frequencies: 31.5, 63, 125, 250, 500, 1,000, 2,000, 4,000, 8,000, and 16,000 Hz; adjustment range ± 10 dB. FR 20-20,000 Hz ± 0.5 dB; S/N > 100 dBA; THD $< 0.005\%$, 14.6 x 3 x 10.4 in. \$229

SPK500. 3-way floor-standing bass-reflex speaker with Zero Magnetic Distortion for placement next to a video monitor. Features 11" cross-carbon woofer; 4" carbon midrange; 1" titanium alloy dome tweeter. FR 28-20,000 Hz ± 3 dB; max input power 160 W rms; imp 8 ohms, 12.75 x 36 x 12.5 in. \$499/pr

SPK400. 3-way floor-standing acoustic-suspension speaker with Zero Magnetic Distortion. Features 12" nylon-coated woofer; 4" resin-coated midrange; 1" soft dome tweeter. FR 35-20,000 Hz ± 3 dB; max input power 120 W rms; imp 8 ohms, 13.6 x 24.25 x 12.75 in. \$349/pr

SPK250. 2-way acoustic-suspension speaker with Zero Magnetic Distortion. Features 8" polypropylene woofer; 1" soft dome tweeter. FR 45-20,000 Hz ± 3 dB; max input power 80 W rms; imp 8 ohms, 9.5 x 15.6 x 9.5 in. \$229/pr

SPK050. Full-range speaker with Zero Magnetic Distortion. Features 4" polypropylene cone; color-coded input terminals; pivoting mounting brackets. FR 200-15,000 Hz ± 3 dB; max input power 50 W rms, 7.1 x 7.4 x 7 in. \$129/pr

REALISTIC

Audio/Video System

Audio/video system features TC-1010 19" stereo color TV/monitor; model 44 VHS Hi-Fi VCR with HQ; model-AV900 AM/FM/TV A/V receiver model-CD-1700 CD player; Optimus-650 speakers; SCT-84 high-speed dubbing cassette deck; 10-band graphic EQ; universal remote control \$2,440

SHARP

System 96 Audio/Video System

Audio/video system with 26U monitor, video tuner, and two-way speakers. \$2,295

26L V96. Video monitor features 26" flat-square, fine-pitch, Lynitron Plus picture tube with removable tinted glass screen; comb filter; on-screen display of channel, time, sleep timer, time remaining, sound volume level, type of input; video input/monitor output connectors; video controller connection terminal; viewing angle adjustment controls; one-button picture balance control; surface acoustic-wave filter (reduces ghosts and phase distortion); high-gloss black cabinet. Horizontal resolution up to 500 lines.

AN200U. Video controller with MTS decoder; 30-W/ch amplifier; ambient stereo output jack for surround-sound systems; quartz-synthesized 140-channel cable-compatible tuner; 38-line TV/VCR remote control; channel flashback; sleep timer; bass, treble, balance controls; external speaker jacks; three A/V inputs and dual outputs; audio line input jacks; headphone jack.

AN96SP. Speakers feature square, flat 210 cm² woofer; 3" cone tweeter; magnetic-interference prevention system.

TECHNICS

SC-AV3000 Audio/Video System

Audio/video rack system with Dolby Surround sound. Features 27" stereo monitor/receiver with S-VHS inputs, velocity-modulated scan, on-screen display, broadcast stereo reception capability; VHS Hi-Fi VCR with bar code programming, on-screen display; 155-channel digital quartz tuner, VHS index search system, real-time counter; 110 watt-per-channel integrated amplifier with 0.05% total harmonic distortion; 1 pair of rear-channel speakers; dual/dubbing cassette deck; programmable CD player; quartz-synthesized AM/FM tuner with 24-channel random access preset memory; semi-automatic belt-drive turntable with cartridge; unified remote control; optional graphic EQ \$4,500

SC-AV1000. As above without Dolby surround sound and VCR \$3,800

YAMAHA

AV4 Concert System

Component audio system; VCR not included. Features YM-965S monitor/receiver; MRX-100 remote control; AV-35 integrated amplifier; CD-29 compact disc player; the K-31 double cassette deck; the P-31 turntable; the T-33 AM/FM tuner; a pair of NS-A400 front-channel speakers; NS-A70 rear-channel surround speakers; YSR-400 cabinet \$2,999

YM-965S. 2" cone high-resolution monitor/receiver; MTS/SAP stereo decoder; S-VHS input; flat-square picture tube.

AV-35. Four-channel surround-sound integrated amplifier with 115 W x 2 (front channels), 20 W x 2 (rear channels); record out selector.

K-31. Dual-well, high-speed dubbing cassette deck with Dolby B/C noise reduction.

P-31. Belt-drive turntable with auto return; cartridge included

T-32. A quartz-lock PLL-synthesis tuner. With sixteen random access presets.

NS-A400. 3-way acoustic-suspension speaker with a 12-inch polypropylene woofer, a 5-inch midrange, and 1-inch soft dome tweeter. Features include an oak-veneer finish.

NS-A70. Surround-sound rear-channel speakers with oak vinyl finish.

YSR-400. Oak-veneer cabinet provides storage space for all system components plus software. Features include folding doors.

MRX-100. Learning-capable multi-function remote control

AV-5 Concert System

Similar to AV-4 (above). Same monitor/receiver, turntable, CD, tuner. Amplifier is AV-33 4 channel surround with 100 W front channel, and 15 W rear channel, with graphic EQ; speakers are NS-A390 3-way towers. Cabinet not included. \$2,499

VIDEOTAPE



ATI

Mark V Videotape

Custom formulation: high S/N; low dropout rate.

T-120 \$2.99 to \$3.99

AVANTI

Super High-Grade VHS Videotape

T-120, 2-4-6 hours \$3.99

BASF

Super-VHS Videocassettes

Specifically designed for new format; adds additional color, resolution and clarity on standard VHS machines.

ST-120, 2, 4, or 6 hours \$15.99

Super HG Hi-Fi VHS Videocassettes

T-120, 2, 4, or 6 hours \$6.99

Super HG Chrome VHS Videocassettes

Super high-grade chrome videotape with high S/N for brighter pictures and clean-running tape.

T-160, 2.67, 5.33, or 8 hours \$6.99

TC-20, VHS-C tape; 20 or 60 minutes \$6.49

T-120, 2, 4, or 6 hours \$5.99

Extra Quality VHS Videocassettes

Pure chrome videotape with long-term stability.

T-160, 2.67, 5.33, or 8 hours \$5.99

T-120, 2, 4, or 6 hours \$4.99

8mm Videocassettes

P-120 \$9.99

CERTRON

VHS High-Grade Videotape

T-160 \$9.99



T-120 \$7.99

Beta High-Grade Videotape

L-750 \$7.99

FUJI

Super XG-VHS/Beta Video Tape

Ultra-fine BERIDOX video tape. Magnetic layer 27 times higher in density than Super HG; new Duroback coating. Video signal-to-noise ratio +6 dB; color signal-to-noise ratio +5 dB; video RF sensitivity +2 dB; audio sensitivity +2 dB; chroma output +2 dB.

T-120, VHS format \$16.99

T-60, VHS format \$15.39

L-500, Beta format \$16.59

L-250, Beta format \$13.99

Super HG-VHS/Beta Video Tape

Long-playing Super HG tape with thinner sensitized polyester-base film. Designed to provide sharp pictures with vivid colors at slowest speeds or when used with cameras. Tape base is back treated and undercoated for smoother running and maximum durability. Anti-static VE leader tape for fewer dropouts. Polypropylene storage case. Video S/N +4.0 dB; color S/N +4.0 dB; audio sensitivity +2.0 dB; video RF sens +2.0 dB; chroma output +2.0 dB.

T-160, VHS format 2.66-8 hrs. \$16.99



T-120, VHS format 2-6 hrs \$11.99

L-750, Beta format 1.5-4.5 hrs \$11.99

T-90, VHS format 1.5-4.5 hrs \$11.39

T-60, VHS format 1-3 hrs \$10.89

T-30, VHS format 0.5-1.5 hrs \$10.39

L-500, Beta format 1-3 hrs \$10.59

L-370, Beta format 0.75-2.25 hrs \$9.89

L-250, Beta format 0.5-1.5 hrs \$9.19

L-125, Beta format 0.25-0.75 hrs \$8.59

Super HG Hi-Fi Beta/VHS Video Tape

Specifically designed for optimum performance with the new Beta/VHS Hi-Fi VCR's. Super-smooth magnetic layer with 20% greater packing density than former Super HG. Exclusive dropout-decrease process for absolute lowest dropouts. Tape base is back treated and undercoated for smoothest running and maximum durability. "Blue Shell" cassette and precision mechanism. Supplied in clear plastic storage case. Video S/N +4.0 dB; color S/N +4.0; audio FR 20-20,000 Hz ±1.0 dB; audio sensitivity +2.0 dB; video RF sensitivity +2.0 dB; chroma output +2.0 dB.

L-750, VHS format \$13.59

L-750, Beta format (1.5-3-4.5 hrs) \$13.59

T-120, VHS format 2-4-6 hrs \$13.59

T-60, VHS format 1-2-3 hrs \$12.29

L-500, Beta format (1-2-3 hrs) \$11.69

L-500, VHS format \$11.69

8-MM Video Tape

Super-Fine Metallix; Flexible 3-D Network Binder System; airtight shell for dustproof operation; heat-resistant ABS housing.

P6-120, 2-4 hrs \$16.95

P6-90, 1.5-3 hrs \$14.95

P6-60, 1-2 hrs \$12.95

P6-30, 0.5-1 hr \$10.95

P6-15, 15-30 min \$8.95

Beta Format HQ Video Tape

Fine-Grain BERIDOX; high-impact ABS housing.

L-750, 1.5-4.5 hrs \$9.99

L-500, 1-3 hrs \$8.59

L-370, 0.75-2.5 hrs \$7.99

L-250, 0.5-1.5 hrs \$7.49

L-125, 0.25-0.75 hrs \$6.99

VHS Format HQ Video Tape

Fine-grain BERIDOX; high-impact ABS housing.

T-160 \$12.99

T-120 \$9.99

T-90 \$9.49

T-60 \$9.09

T-30 \$8.69

VHS-C SHG Compact Videocassette

The Fuji Compact Videocassette Super HG is designed for a high video S/N ratio for a rich, clear picture and a color S/N ratio that gives bright, pure colors. A unique dust-guard VE leader tape is intended to minimize dropouts.

TC-20, 1/3 hr \$10.59

GE

VHS Videotape

GE TC-20, VHS-C premium grade \$9.95

GE T-120 SHG, Super high-grade; 2-4-6 hr. \$7.95

GE T-120, Premium grade; 2-4-6 hr \$5.95

JVC

S-VHS Videotape

T-120. For use in S-VHS and VHS VCR's; ultra-fine ferric-oxide magnetic particles in smoother magnetic layer; increased FM audio output for Hi-Fi soundtracks. Horizontal resolution more than 400 lines in S-VHS decks. Time varies according to tape speed (SP, LP, or SLP). 2, 4, or 6 hours \$18

STC-20. As above. S-VHS-C \$17

VHS Videotape

TC-20SHGN3. Extremely high-quality VHS-C videotape \$23

T-120SPRO. Super Pro. MBF emulsion with titanium oxide uses ultra-fine cobalt-doped acicular particles 0.18 microns long to record color signals, hexagonal barium ferrite particles (0.1 micron diameter, 0.01 micron thick for perpendicular magnetization) for video signals; SDSR base film. RF output +3.5 dB at 4 MHz; video S/N +3.2 dB; color S/N +3.9 dB; chroma output +2 dB; audio sens +2 dB; audio FR +2 dB; audio erasability 70 dB. \$13

TC-20SPRO. As above. VHS-C \$9

T-120SHGHF. Super HG Hi-Fi. Super-fine magnetic particles (0.24 micron), BET-valued at 40 m²/g.

VIDEOTAPE

micro-undulating surface treatment; EDR (Extra Durability and Runnability) base film; titanium monoxide, colloidal ceramic material and UDD (Ultra Dispersion and Durability) binder. . . . \$10
T-120SHG. Super High Grade. As above, no titanium oxide in binder. . . . \$8.50
TC-20SHG. As above, VHS-C . . . \$8
T-120ER. Excellent Resolution. Super-fine magnetic particles (0.3 micron), BET-valued at 32 m²/g; micro-undulating surface treatment; EDR base film; colloidal ceramic material and UDD binder. . . . \$7
TC-20ER. As above, VHS-C . . . \$7

KOLONSCENA

VHS AQ Videotape
T-160. \$13.95

VHS Hi-Fi Videotape
T-120. \$12.95

VHS HQ Videotape
T-120. \$8.98

KONICA

Super Pro Videotape

High-density formulation for high-band and standard VCR's. For live recording with portables and camcorders. Time varies according to recording speed.

VHS T-120. 2-4-6 hrs. \$19.95
Beta 1.500. 1-2-3 hrs. \$18.95

Super Hi-Fi Grade Videotape

High-density formulation for high-fidelity video. Designed for improved detail resolution, video S/N, and audio frequency response.

VHS T-120. 2-4-6 hrs. \$14.95
Beta 1.750. 1.5-4.5 hrs. \$14.95
Beta 1.500. 1-3 hrs. \$13.95

MP6 Series 8mm Cassettes

Metal-particle formulation; life-time warranty.
MP6-90S. 90 min \$16.95
MP6-60S. 60 min \$13.95

Super IIG Videotape

VHS T-120. 2-4-6 hrs. \$10.95
VHS-C TC-20. 20 or 60 minutes \$8.99
Beta 1.750. 1.5-3-4.5 hrs. \$11.95
Beta 1.500. 1-2-3 hrs. \$10.95

SSR Videotape

VHS T-120. 2-4-6 hrs. \$9.95
VHS T-60. 1-2-3 hrs. \$8.95
Beta 1.750. 1.5-3-4.5 hrs. \$9.95
Beta 1.500. 1-2-3 hrs. \$8.95

LASER BY SWIRE MAGNETICS

VHS Video Tape

T-120 High Grade. 2-4-6 hours. \$4.99
T-120 Standard Grade. 2-4-6 hours \$3.99
T-22 Standard Grade. 22 minutes, for use in camcorders \$2.99

MAXELL

Standard Epitaxial VHS Videotape

Magnetic video recording tape with a stronger base film for durability and stability. Video S/N ratio +2.5 dB; color S/N ratio +3.7 dB; audio S/N ratio +3 dB; audio sensitivity +1.3 dB; video output +1.3 dB; chroma output +1.2 dB.
EX T-160. 2.66-5.33-8 hours. \$11.99
EX T-120. 2-4-6 hours \$7.99
EX T-60. 1-2-3 hours \$6.99

High-Grade Epitaxial VHS Videotape

VHS videotape with small densely packed high-grade epitaxial particles for improved performance in extended play modes. Video S/N ratio +4.4 dB; color S/N ratio +5.4 dB; audio S/N ratio +3.5 dB; audio

sensitivity +2 dB; video output +2.2 dB; chroma output +1.8 dB.

HGX Gold T-160. 2.66-5.33-8 hours \$15.99
HGX Gold T-120. 2-4-6 hours \$10.99
HGX Gold T-60. 1-2-3 hours \$9.99

High-Grade/Hi-Fi Epitaxial VHS Videotape

VHS videotape with improved audio qualities for use with Hi-Fi videocassette recorders. Video S/N ratio +6 dB; color S/N ratio +6 dB; audio S/N ratio +4 dB; audio sensitivity +2 dB; video output +3 dB; chroma output +2 dB.
NL Hi-Fi T-120. 2-4-6 hours \$16.99

Professional-Quality VHS Videotape

VHS videotape with molecularly bonded superfine magnetic particles on an ultra-smooth base film. Video S/N ratio +6.5 dB; color S/N ratio +6.2 dB; audio S/N ratio +4.4 dB; audio sensitivity +2 dB chroma output +2.1 dB.
RX Pro T-120. 2-4-6 hours \$18.99

Standard VHS-C Videotape

Magnetic videotape with a stronger base film for durability and stability. Video S/N ratio +2.5 dB; color S/N ratio +3.7 dB; audio S/N ratio +3 dB; audio sensitivity +1.5 dB; video output +1.5 dB; chroma output +1.5 dB.
EX TC-20. 20-60 min \$7.99

High-Grade Gold VHS-C Videotape

Video S/N ratio +4.4 dB; color S/N ratio +5.4 dB; audio S/N ratio +3.5 dB; audio sensitivity +2 dB; chroma output +2.1 dB
HGX Gold TC-20. 20-60 min \$9.99

Professional Quality VHS-C Videotape

VHS Videotape with molecularly bonded superfine magnetic particles on an ultra-smooth base film. Tape features video S/N ratio +6.5 dB; color S/N ratio +6.2 dB; audio S/N ratio +4.4 dB; audio sensitivity +2 dB
RX Pro TC-20. 20-60 min \$12.99

Metal-Particle 8mm Videotape

8mm videotape with increased anti-oxidation formula to help prevent loss of "recordability" due to oxidation.
MP-15. 0.25 hours \$7.99
MP-30. 0.5 hours \$8.99
MP-60. 1 hour \$10.99
MP-90. 1.5 hours \$12.99
MP-120. 2 hours \$15.99

MEMOREX BY MEMTEX

VHS Pro Cam Series Videocassettes

VHS videotape designed for portable video recording. Features 20% stronger cassette shell molded in high-impact ABS plastic; heavy duty base film with resistance to damage and stretching; anti-static mechanism that prevents static build-up; safeguard storage case with locking mechanism to keep out dust.
T-120. 2-4-6 hours \$8.99

VHS Pro Hi-Fi Series Videocassettes

VHS videotape designed for hi-fi and PCM digital video recording. Features permastap binder system that helps eliminate oxide shedding; anti-static mechanism that prevents static build-up; safeguard storage case.
T-120. 2-4-6 hours \$8.99

VHS Pro High Grade Videocassettes

VHS videotape designed for high chroma output for brilliant lifelike color, high S/N for picture clarity and stability. Includes dustproof plastic storage case.
T-120. 2-4-6 hrs \$6.99

VHS High-Standard Videocassettes

VHS video tape designed for general-purpose video recording. Features improved tape formulation and color reproduction.
T-120. 2-4-6 hours \$5.99

Beta Standard Videocassettes

Beta videotape designed for general-purpose video recording.
L-750. 1.5-3-4.5 hours \$5.99

PANASONIC

Premium Standard VHS Videotape

General-purpose tape for wide range of uses. Time shifting; shorter lengths for economical recording; up to 8 hours recording time.

NV-T160 PSD \$12.50
NV-T120 PSD \$9.00
NV-T60 PSD \$7.00
NV-T30 PSD \$6.00

Super High-Grade VHS Videotape

Designed for master recording and making home movies.

NV-T120 SHG \$12.00
NV-T60 SHG \$9.00

Super Hi-Fi VHS Videotape

For Hi-fi video use. Designed for low noise and wide frequency response.

NV-T120 HF \$13.00
NV-T60 HF \$10.00

POLAROID

VHS Videotape

T-120 Xtra High Grade. \$6.99
VHS-C TC 20 Xtra High Grade. \$6.99
T-120 High Grade. \$5.99
T-120 Standard. \$4.99

Beta Videotape

L-750 Standard \$4.99

8mm Videotape

P6-120. \$9.99
P6-30. \$5.99

QUASAR

VHS Format Video Tape

VF-T120 Hi-Fi Videotape

Hi-fi videotape designed for extended use. Formu-



RCA T-120 SHG

VIDEOTAPE

lated to deliver high output with low noise. Recommended for mastering hi-fi recordings. Video S/N +3 dB; color S/N +5 dB; audio sensitivity +1.5 dB; play lengths 2, 4, or 6 hours \$7.49

VG-T120G Super High-Grade Videotape

High-density particle formulation for improved color saturation and video resolution. Recommended for use in SLP mode or camera recordings. Video S/N +1 dB; color S/N +5 dB; audio sensitivity +1 dB; play lengths 2, 4, or 6 hours \$6.49

VC-T120R SGT Videotape

Recommended for off-air time-shift recordings. Features picture sharpness, color stability, and minimal drop-outs. Video S/N better than +1 dB; color S/N better than 2 dB; audio sensitivity 0.5 dB; play lengths 2, 4, or 6 hours \$4.99

RCA

S-VHS Videotape

ST-120. Super VHS videotape \$19.95
ST-C20. Super VHS-C videotape \$14.95

VHS Videotape

TC-20. VHS-C premium grade \$9.95
T-120 SHG. Super-high grade; 2-4-6 hours \$8.95
T-120. Premium grade; 2-4-6 hours \$6.95

REALISTIC

VHS Videotape

44-411. T-120 Pro High Grade; 2-4-6 hours \$9.99
44-412. T-30 Pro High Grade; .5-1-1.5 hours \$7.99
44-410. T-120 High Grade; 2-4-6 hours \$7.99
44-400. T-120; 2-4-6 hours \$5.99

Beta Videotape

44-480. L-750 High Grade; 1.5-3-4.5 hours \$7.99
44-474. L-750; 1.5-3-4.5 hours \$5.99

VHS-C Videotape

44-430. TC-20 Super High Grade; 20 min/1 hour \$6.99
44-431. TC-20 Master High Grade; 20 min/1 hour \$7.99

SCOTCH

S-VHS Videotape

High dispersion ultra-fine magnetic particles. Newly developed twin back coating, improved picture quality and color performance due to diminished friction noise.

T-120 \$19.99
VHS-C \$19.99

VHS Video Tape

Features Anachron cobalt-encapsulated ferric-oxide particles; video signal-to-noise ratio 2.0 dB; color signal-to-noise ratio 4.0 dB; audio sensitivity 2.0 dB; video output 2.0 dB; chroma output 1.0 dB.
T-120. 2-4-6 hours \$6.99

EG Beta Video Tape

Features Anachron cobalt-encapsulated ferric-oxide particles; video signal-to-noise ratio 1.0 dB; color signal-to-noise ratio 1.0 dB; audio sensitivity 1.5 dB; video output 1.0 dB; chroma output 1.0 dB.

L-500. 1-2-3 hours \$6.49
L-750. 1.5-3-4.5 hours \$6.99

EG Plus High-Grade VHS Video Tape

Video signal-to-noise ratio 3.0 dB; color signal-to-noise ratio 5.0 dB; audio sens 1.5 dB; video output 2.0 dB; chroma output 1.0 dB.

T-120 EG Plus. 2-4-6 hours \$8.49
T-160 EG Plus. 2.6-5.3-8 hours \$12.39

EG Plus High-Grade Beta Video Tape

Video signal-to-noise ratio +2.0 dB color signal-to-noise ratio 5.0 dB; audio sens 1.5 dB; video output 1.0

dB; chroma output 1.0 dB.

L-830 EG Plus. 1.6-3-3.5 hours \$11.99
L-750 EG Plus. 1.5-3-4.5 hours \$8.49

EXG Video Tape

Features extra high-grade tape formulation; Static Barrier backcoating; time left recording gauge; laser scan inspection. Video signal-to-noise ratio +5.5 dB; color signal-to-noise ratio +5.1 dB; audio sensitivity +1.5 dB; RF output +4.0 dB; color output +6.3 dB; audio output uniformity 0.5 dB.

VHS T-120. 2-4-6 hours \$9.99
VHS-C. 20 min/40 min/1 hour \$9.99
Beta L-750. 1.5-3-4 hours \$9.99

EXG Pro Video Tape

Features extra high grade tape formulation; Static Barrier backcoating; proprietary anti-static treatment on cassette shell; anti-static leader tape; high-impact cassette shell; virtual elimination of dropout caused by dirt and transient static peaks.

T-120. VHS-format. Video signal-to-noise +5.5 dB; color signal-to-noise +5.1 dB; audio sensitivity +1.5 dB; RF output +4.0 dB; color output +6.3 dB; audio output uniformity 0.5 dB; frequency response 20-20,000 Hz. 2-4-6 hours \$13.99
L-750. Beta-format. Video signal-to-noise +2.5 dB; color signal-to-noise +5.0; audio sensitivity +1.5 dB; RF output +4.5 dB; color output +2.0 dB; audio output uniformity 0.5 dB; frequency response 20-20,000 Hz \$13.99

EXG Hi-Fi Video Tape

Features extra high-grade tape formulation; high-quality audio reproduction with Hi-Fi videocassette recorders; Static Barrier backcoating. Frequency response 20-20,000 Hz; dynamic range 91 dB; audio sensitivity +1.5 dB; audio output uniformity 0.5 dB; total harmonic distortion 0.3%.

T-120. VHS-format. Video signal-to-noise +5.5 dB; color signal-to-noise +5.1 dB; RF output 4.0 dB; color output +6.3 dB. 2-4-6 hours \$11.29
L-750. Beta-format. Video signal-to-noise +2.5 dB; color signal-to-noise +5.0 dB; RF output +4.5 dB; color output +2.0 dB. 1.5-3-4.5 hours \$11.29

EXG VHS Camera Cassette

Features anti-static system including Static Barrier backcoating, anti-static tape leader and proprietary 3M anti-static shell treatment. Video signal-to-noise ratio +5.5 dB; color signal-to-noise ratio +5.1 dB; audio sens 1.5 dB; RF output +4.0 dB; color output +6.3 dB.

T-120. 2-4-6 hours \$12.69

EXG Beta Camera Cassette

Features anti-static system including Static Barrier backcoating, anti-static tape leader and proprietary 3M anti-static shell treatment. Video signal-to-noise ratio +5.5 dB; color signal-to-noise ratio +6.3 dB; audio sens 1.5 dB; RF output +4.5 dB.

L-750. 1.5-3-4.5 hours \$12.69

8-mm Videotape

8-mm videotape with metal-particle format.

MP P6-120. 2 hours \$11.49
MP P6-90. 1.5 hours \$9.89
MP P6-15. 15 minutes \$5.89

SKK

VHS Videotape

T-120 Pro. 2, 4, or 6 hours \$10.99
T-120 Hi-Fi. Hi-fi; 2, 4, or 6 hours \$8.99
T-120 SHG. Super high grade; 2, 4, or 6 hrs \$7.99
T-120 HG. High grade; 2, 4, or 6 hours \$5.99
T-120 SG. Standard grade; 2, 4, or 6 hours \$4.99

Beta Videotape

L-750 Pro. 1 1/2, 3 1/2, or 5 hours \$10.99
L-750 Hi-Fi. Hi-Fi; 1 1/2, 3 1/2, or 5 hours \$8.99
L-750 SHG. Super high grade; 1 1/2, 3 1/2, or 5 hours \$7.99

L-750 HG. High grade; 1 1/2, 3 1/2, or 5 hours \$5.99
L-750 SG. Standard grade; 1 1/2, 3 1/2, or 5 hrs \$4.99

SONY

8mm Videotape

Ultra-fine magnetic particles; low-friction back coating. Video S/N +0.5 dB; color S/N +0.5 dB. Time varies according to tape speed (SP or LP).

P6-120MP. 2 or 4 hours \$13.99
P6-120MP. 2 or 4 hours \$13.99
P6-90MP. 1 1/2 or 3 hours \$11.99
P6-90MP. 1 1/2 or 3 hours \$11.99
P6-60MP. 1 or 2 hours \$9.99
P6-60MP. 1 or 2 hours \$9.99
P6-30MP. 30 minutes or 1 hour \$7.99
P6-30MP. 30 minutes or 1 hour \$7.99
P6-15MP. 15 or 30 minutes \$6.99
P6-15MP. 15 or 30 minutes \$6.99

Beta Videotape

Beta Pro-X Pro Master Grade Videotape

Super-Precision Vivax particles; wide cassette window. Video S/N +1.0 dB; color S/N +0.5 dB.

L-500 Pro-XX. 1, 2, or 3 hours \$19.99
L-250 Pro-XX. 30, 60, or 90 minutes \$14.99

Beta Dynamicron Super-HiFi Videotape

2 L-750 ESX-HiFi. Two-pack. 1 1/2, 3, or 4 1/2 hours each \$37.98
L-750 ESX-HiFi. 1 1/2, 3, or 4 1/2 hours \$18.99
L-500 ESX-HiFi. 1, 2, or 3 hours \$14.99

Beta Dynamicron High-Grade Videotape

L-830 ES-HG. 1 1/2, 3 1/2, or 5 hours \$15.99
L-750 ES-HG. 1 1/2, 3, or 4 1/2 hours \$12.99
2 L-750 ES-HG. Two-pack. 1 1/2, 3, or 4 1/2 hours each \$25.98
L-500 ES-HG. 1, 2, or 3 hours \$11.99
L-250 ES-HG. 30, 60, or 90 minutes \$10.99

Beta Dynamicron Videotape

5 L-750 ES. Five-pack with handle. 1 1/2, 3, or 4 1/2 hours each \$49.95
3 L-750 ES. Three-pack. 1 1/2, 3, or 4 1/2 hours each \$29.97
2 L-750 ES. Two-pack. 1 1/2, 3, or 4 1/2 hours each \$19.98
L-830 ES. 1 1/2, 3 1/2, or 5 hours \$14.99
L-750 ES. 1 1/2, 3, or 4 1/2 hours \$9.99
L-500 ES. 1, 2, or 3 hours \$8.99
L-250 ES. 30, 60, or 90 minutes \$8.49
L-125 ES. 15, 30, or 45 minutes \$7.99

VHS Videotape

VHS Pro-X Videotape

Dynamicron Professional master-grade videotape. Video S/N +1.5 dB; color S/N +0.5 dB.
T-120 Pro-X. 2, 4, or 6 hours \$22.99

VHS ESX-HiFi Videotape

Dynamicron Super Hi-Fi videotape with Super-Precision Vivax magnetic particles; DDL binder; Pi backcoating.
T-120 ESX-HiFi. 2, 4, or 6 hours \$16.99
2 T-120 ESX-HiFi. Two-pack. 2, 4, or 6 hours \$33.98
T-60 ESX-HiFi. 1, 2, or 3 hours \$14.99

VHS ES-HG Videotape

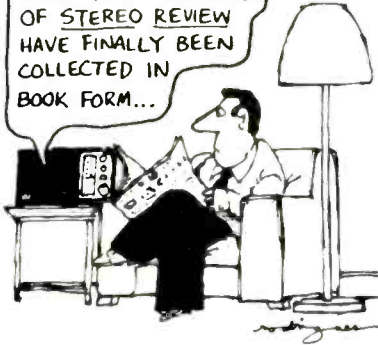
Dynamicron high-grade videotape with Vivax magnetic particles; DDL binder; Pi backcoating. Video S/N +2.0 dB; color S/N +1.0 dB.
T-120 ES-HG. 2, 4, or 6 hours \$12.99
2 T-120 ES-HG. Two-pack. 2, 4, or 6 hours each \$25.98
T-60 ES-HG. 1, 2, or 3 hours \$11.99

VHS Dynamicron Videotape

Vivax magnetic particles; DDL binder.
T-160 ES. 2 1/2, 5 1/2, or 8 hours \$14.99
T-120 ES. 2, 4, or 6 hours \$9.99

TOTAL HARMONIC DISTORTION

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5 T-120 ES. Five-pack with handle. 2, 4, or 6 hours each.....	\$45.00
3 T-120 ES. Three-pack. 2, 4, or 6 hours each.....	\$29.97
2 T-120 ES. Two-pack. 2, 4, or 6 hours.....	\$19.98
T-90 ES. 1½, 3, or 4½ hours.....	\$9.49
T-60 ES. 1, 2, or 3 hours.....	\$8.99

SSANGYONG

T-120 High Standard Hi-Fi	
4 pack.....	\$12.36
2 pack.....	\$6.18
Single.....	\$3.09

T-120 HG Hi-Fi	
<i>High-grade hi-fi videotape.</i>	
4 pack.....	\$13.56
2 pack.....	\$6.78
Single.....	\$3.39

T-120 Super HG Hi-Fi	
<i>Super high-grade hi-fi videotape.</i>	
4 pack.....	\$14.36
2 pack.....	\$7.18
Single.....	\$3.59

Beta L-750 HG Hi-Fi	
<i>High-grade hi-fi videotape.</i>	
4 pack.....	\$12.76
2 pack.....	\$6.38
Single.....	\$3.19

Beta L-500 HG Hi-Fi	
<i>High-grade hi-fi videotape.</i>	
Single.....	\$3.09

TAYLOR

VHS Videotape	
Image Hi-Fi. T120. 2-4-6 hours.....	\$5.95
Silvercrest H.G. T120. 2-4-6 hours.....	\$4.95
Casstech H.S. T120. 2-4-6 hours.....	\$3.95
Astra H.G. T120. 2-4-6 hours.....	\$3.95

Beta Videotape	
Image Hi-Fi. L500. 1-2-3 hours.....	\$3.95

TDK

XP Super VHS Videocassettes	
<i>Ultra-fine Super Avilyn formulation. For Super VHS VCR's and camcorders. Ultra-smooth backcoating lowers noise and jitter. SQ mechanism features anti-static prevention.</i>	
ST-120. For S-VHS format.....	\$26
STC-20. For S-VHS-C camcorders.....	\$20

HD-X Pro Videocassettes	
<i>Seven-layer formulation using ultra-fine Super Avilyn. For live camera recording, editing, duplicating, archival use. Clamshell library case.</i>	
VHS T-120. (2-4-6 hrs).....	\$13
Beta L-750.....	\$13

HD Videocassettes	
<i>For critical recording on hi-fi videocassette recorders and for PCM digital audio recordings. Uses ultra-refined Super Avilyn particles. TDK's high-density/durability-binder system, ultra-smooth/flat-base film and high-conductivity back coating. Precision-made SQ shell.</i>	
VHS T-120.....	\$10.50
Beta L-750.....	\$10.50

E-HG Videocassettes	
<i>Extra-high-grade Super Avilyn formulation for higher output than standard videocassettes. Designed for improved performance at all speeds, especially in superlong-play mode.</i>	
VHS T-160 EHG.....	\$11.50
VHS T-120 EHG. 2-4-6 hrs.....	\$8.50
VHS T-60 EHG.....	\$8.00
Beta L-750.....	\$8.50

Super Avilyn HS Videocassettes	
<i>TDK's High Standard tape with HDD binder system. SQ shell mechanism and superflat film base.</i>	
VHS T-160.....	\$9.50
VHS T-120.....	\$7.00
Beta L-750.....	\$7.00
VHS T-60.....	\$6.75
Beta L-500.....	\$6.50
VHS T-30.....	\$6.00

Super Avilyn Compact Videocassette	
<i>Extra high-grade Super Avilyn ½" VHS Compact videocassette designed for compact portable VCR's and camcorders. Compatible with all home VHS recorders when used with a special adaptor. Features same improvements as standard-size equivalent.</i>	
TC-20 HD-XP. 20 min.....	\$8.50
TC-20EHG. 20 min.....	\$7.00

MP 8mm Videocassettes	
<i>Features high-density metal powder "Super Finavin" for fine-grain 8mm recording.</i>	
P6-90MP.....	\$10.00
P6-120MP.....	\$8.50
P6-60MP.....	\$8.50
P6-30MP.....	\$7.00

3M

Black Watch Videocassettes	
<i>Feature static barrier backcoating; tape housing and tape hub anti-static treatment; lubrication-free idler; high-impact ABS plastic videocassette housing; static isolation bars to prevent static build up during fast forward and rewind; anti-static leader.</i>	

Black Watch Super VHS Videocassettes	
<i>Features micro-fine ferromagnetic oxide formulation for high output and tape-surface smoothness.</i>	



ST-120.....	\$20
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Black Watch Hi Pro Videocassettes	
<i>Features super-fine cobalt encapsulated formulation.</i>	
T-120.....	\$12

Black Watch VHS Premium Videocassettes	
T-120.....	\$9

TOSHIBA

S-VHS Blank Tape	
<i>High-grade video tape.</i>	
T120.....	\$19.95

S-VHS-C Blank Tape	
<i>High-grade video tape</i>	
T120.....	\$14.99

The listings are based on data provided by the manufacturers. For more product information, contact an authorized dealer or the manufacturer directly. Manufacturers' addresses and phone numbers are listed in the directory beginning on page 106.

ACCESSORIES



ALLSOP

Allsop 3 VCR Cleaning Systems

Nonabrasive cleaning ribbon and solution clean entire tape path (head, capstan, and pinch roller).

60200	.....	\$29.95
68000	Beta head cleaner	\$29.95
65000	For 8mm VCR's and camcorders	\$19.95
60100	For VHS VCR's	\$19.95
69000	VHS-C head cleaner	\$19.95
60000	VHS head cleaner	\$14.95

AMBICO

V-0623 Wireless Microphone

Wireless electret condenser hand-held microphone includes receiver. Features 200-ft range. 7.3 x 1.5 x 1 in.; 0.36 lb \$100

V-0620 Zoom Videocamera Microphone

Zoom: FR 20-18,000 Hz; Mounts on videocamera accessory shoe; Unidirectional; cable and plug included \$100

V-0602 Wireless Infrared Transceiver

Sends true stereo sound from any audio source up to 25 feet without wires. 7" long; 110° transmission range \$100

V-0625 Wireless Lapel Microphone

For remote recording. Functions at up to 50 feet away; reversible clip; mini-plug output and RCA-plug adaptor fits most audio and video recording devices \$90

V-0614 TelePrint Converter

Enables direct print-to-video tape transfer; built-in table pod. 9.5 x 8 x 6.25 in.; 6 lb \$80

V-0612 Telecine Converter

Utilizes a system of mirrors to transfer film or slides to videotape. Features built-in macro lens for simple set-up of any video camera even if it does not have its own macro function; built-in table pod; high-resolution screen \$80

V-0680 Tape-to-Tape Enhancer

Boosts video and stereo audio signals between master and slave VCR's during tape duping; video and audio gain controls (up to 3 dB for video, 20 dB for audio); AC power supply \$70

ARCHER BY RADIO SHACK

15-953 Rabbit Multiplying System

VCR multiplying system. Remote-controllable system allows VCR viewing on TV not connected to VCR. Features transmitter, receiver, cables and connecting wire. 1.75 x 6.44 x 4 in. \$79.95
15-1954. Additional receiver \$39.95

Cable Converters

15-1285. 60-channel cable-converter with infrared remote control; electronic tuning; digital display; HRC/standard cable switch; full-function remote; remote fine tune; remote on/off; 11.5 x 2.75 x 6.5 in. \$119.95
15-1281. Cable TV block converter. Tunes mid and super-band cable channels. Converts up to VHF. Fine tuning for PLL tuners. 6.5 x 2 x 3.5 in. \$29.95

15-1289 Video Remote Control Extender

Extends range of hand-held video remote controls. 1.19 x 4.13 x 3 in. \$49.95

15-1290 Multiple Video Distribution System

Combines signals from antenna/cable television and up to 3 other sources with channel 2, 3, or 4 output. Sends all signals through a single coaxial cable to other TV's. Features remote control; with additional splitters signals can be distributed to more TV's. \$49.95

15-1117 Amplifier

In-line coax amp for use with TV's, VCR's, or TV ant. For long cable runs. Amp can be put anywhere in the line; 10 dB gain from 50-900 MHz; DC pass-through is possible \$14.95

15-1119 VHF/Cable Distribution Amplifier

1 input, 4 outputs; 2.38 x 1.38 x 4.75 in. \$12.95

15-1116 VHF/Cable Distribution Amplifier

Features 1 input and 2 outputs. 2.38 x 1.38 x 4.75 in. \$10.95

15-1118 VHF/Cable Booster

Booster amp for use with RF video selector switches, cable converters, VCR's and TV's; 2.38 x 1.38 x 4.75 in. \$9.95

ARISTA

56-3000 Control Center and Amplifier

For two TV's and VCR; 10-dB amplifier for cable or antenna; electronic switching; one input can go to all outputs; LED's show connections; selects six inputs; power adaptor included. Isolation 65 dB .. \$199.95

20-750 Audio/Video Patch Bay

For inputs and outputs; thirty-two gold-plated jacks on front; cables from and to components connect to rear, short jumper cables connect to jacks in front to route signals \$124.95

56-3500 TV/VCR Switcher

Allows one program to be recorded while another is viewed; controls 4 inputs and 2 outputs; soft-touch switches; LED's indicate signal selection \$99.95

56-4000 Control Center

Allows one program to be recorded while another is viewed; switches five sources to main TV, five sources to remote TV, and three sources to VCR \$89.95

56-5500 Master Video Selector

Allows remote control during recording; allows one program to be recorded while another is viewed; connects between TV and VCR; choice of five signals for viewing and three for recording; 75- and 300-ohm inputs; gold knobs \$49.95

Wet Head Cleaners

Helps remove contaminant build-up along tape path; reduces head wear by removing oxides and lubricants from heads and tape path; with fluid.

58-110. For VHS video recorders and camcorders \$16.50

58-115. For Beta video recorders and Betamovie camcorders \$16.50

58-140. For 8mm video recorders and camcorders \$16.50

58-5400 TV/VCR Stereo Simulator

For playing video sound through stereo system; mini plug fits earphone jack on TV's; dual RCA plugs for receiver input jacks \$15.95

58-5405. For playing video sound through stereo system; mini-plug fits earphone jack on TV's; smaller than 58-5400; 6-foot cable \$11.95

58-190 Videotape Editing Kit

For editing and repairing VHS and Beta videotape (and audio cassette tape); with splicer, video splicing tape, audio splicing tape, two colored leader tapes, and cutter blade \$11.95

ARKON

Stay Cool Video Light System

Features 100 W tungsten halogen lamp; compact lightweight design; heat sink for cool operation; tilts/swivels vertically/horizontally; color temperature 3,000° K.

AR100DCX-PS. DC power set includes AR100DC video light, 4-leaf barn doors, protective heat filter, and AR130BP battery \$179.95

AR100AC-PS. AC-DC power set includes AR100 AC-DC video light and AR130BP battery \$169.95

AR100DC-PS. DC power set includes AR100DC video light and AR130BP battery \$149.95

AR100AC-DC. AC video light with DC conversion kit \$99.95

AR100AC. 120 V, 150 W AC video light \$79.95

AR100DC. 12 V, 100 W DC video light \$69.95

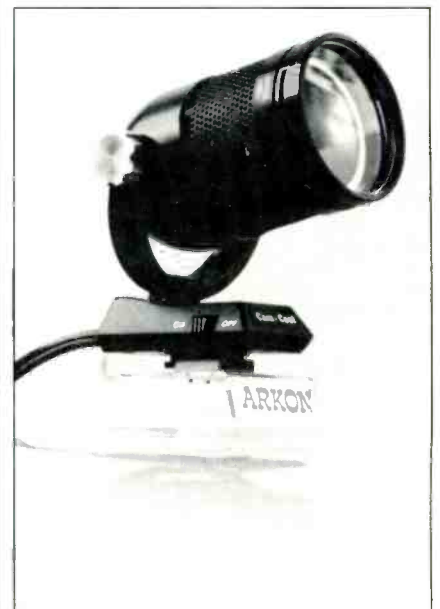
BRL/50. 12 V, 50 W replacement lamp \$14.95

FCR/100. 12 V, 100 W replacement lamp... \$14.95

JCD/150. 120 V, 150 W replacement lamp... \$4.95

CL-500 Cam Cool Video Light

Compact, 12V DC quartz-halogen light. \$69.95



ACCESSORIES

Accessories

- AR150BP.** 12 V, 4.4 A nickel-cadmium battery with strap and charger \$149.95
AR130BP. 12 V, 6.5 A battery with belt and charger \$99.95
AR100BD. Stay Cool barn doors \$19.95
AR100PG. Stay Cool protective glass \$19.95
AR100CK. Stay Cool AC/DC conversion kit. \$19.95

Bedroom Ears Cordless Headsets

Infrared wireless headphones designed for TV viewing.

- IR300 Solosound.** Stereo headset includes transmitter; receiver; AC adaptor; adaptor for connection to stereo VCR audio output jacks \$109.95
IR302. Additional receiver for IR300 \$59.95
980TRX Videophone. Includes transmitter; receiver/headset; AC adaptor; headphone- and earphone-to-RCA jack adaptors \$79.95
950RX. Additional Videophone receiver/headset \$39.95
883TRX Wire-Free. Similar to 980TRX Videophone except infrared receiver is separate from the headset \$69.95
850RX. Additional receiver for 883TRX \$29.95
820MA. Microphone pickup for Videophone and Wire-Free allows connection to TV's with no headphone or other audio output jack \$19.95

MP-100 Camcharger

Portable camcorder battery charger and voltage converter; selectable AC/DC operation; selectable DC voltage capability; for use with most VHS-C and 8mm format camcorders \$49.95

LV-001 Video Conversion Lenses

Includes 1.6x telephoto and 0.5x wide-angle lenses for VHS, VHS-C and 8mm camcorders \$139.95

AUDIO COMMAND SYSTEMS

Mediacom Series

CT-9200 Control Center

System for controlling A/V systems. Designed to work with virtually any A/V products. Features up to ten remote panels made of metal; panel size is about the size of a 2-gang light switch; 2-source capability; AUX input for extra component; modification cable for tuner. 17 x 4.9 x 10 in \$875

Aux Select Module

For adding additional source to 9200 systems. \$325

Current Sensor Box

Senses when a component is turned on, and will automatically switch on related components. \$300

WP-9200 Remote Control Panel

Full remote-control panel for A/V system. Available in black, and aluminum finishes. Mounts in wall with double-gang mud ring. 3.6 x 2.9 x 2.4 \$244
 With brushed aluminum finish \$269

Weather Box

Used for mounting Mediacom panels outdoors. Box utilizes a heavy rubber seal and snap latch to insure dryness. Box is aluminum with welded construction \$198

9A Volume Control/Speaker Switch

Volume control with speaker on/off switch. Single-gang-size plate. Available in black and aluminum finishes \$158
 With brass or chrome finishes \$169
9V. As above, volume control only. Black and aluminum finishes \$114
 With brass or chrome finishes \$126

TBJ Kit

Terminal board with 6-ft jumper. Used to terminate buss cable runs from remote panel locations at

system end. 6-ft jumper connects terminal board to CT-9200. 1 TBJ kit connects 6 remote panels to CT-9200. Used for WP-9200, 9A, and 9V panels. \$85

WP92/CK Connector

Connector with pigtail for terminating buss cable at remote control end. Fully color coded \$13

AUDIO DESIGN ASSOCIATES

CCS-2 Current Controlled Speaker Source Selector
 Speaker source selector. Allows same pair of speakers to be used for video and audio systems; automatically switches from audio to video when TV plugged into unit is switched on \$495

VA-2 Video Splitter

Active video buffer for looping video signals. Enables routing of the video output of a tuner to two monitors or record decks without any deterioration of signal quality. Inputs/outputs include one RCA type input terminal and two RCA output terminals. Requires 120 V AC. 2 x 3 x 4 in \$395

ISO-2 Line-Level Isolation Amplifier

Removes hum and ground loop interference often caused when interfacing audio and video equipment. Stereo RCA input and output jacks. Requires 120 V AC. 2 x 3 x 4 in \$395

AUDIO-TECHNICA

ATR-55 Telemike Shotgun Microphone

Shotgun-style unidirectional microphone. Features switching capability from normal unidirectional operation to supercardioid operation. Hand-held or camera mount \$89.95

ATR-25 Stereo Microphone

Two full-range electret condenser elements housed in a single microphone. Ideal for stereo video cameras \$59.95

ATR-35 Lavalier Microphone

Omni-directional, electret condenser provides wide-range response \$33.95

AVANTI

3-Unit VCR Care Pak

Videocassette recorder care pak. Includes head cleaner, dust cover and one VHS T-120 tape \$17.95

2-Unit VCR Care Pak. As above without VHS T-120 tape \$14.95

Head Cleaner

VHS VCR Head Cleaner. Nonabrasive cleaning system for VHS videocassette recorders. Includes container of cleaning solution \$10.95

AZDEN

Wireless Microphone Systems

Includes microphone, transmitter, and receiver that can receive sound on microphone from distances of up to 100 feet. Receiver attaches to camera or camcorder with shoe mount or velcro mounting strip. Features choice of two broadcast frequencies (49.830 or 49.890 MHz); includes earphone microphone monitor; microphone windscreen for filtering out wind interference; leatherette carrying case; uses one 9-V battery.

WMS-20 II

Comes with two electret condenser microphones; hand-held and clip-on. Either microphone plugs into transmitter. Transmitter weighs 115 grams; receiver weighs 125 grams \$175

WMS-30 II. Microphone built into transmitter. Transmitter weighs 140 grams; receiver weighs 125 grams \$200

WM/T-30. Microphone/transmitter from WMS-30 II system without receiver. 140 grams \$100

WMS-10 II

Clip-on electret condenser microphone hard-wired to transmitter. Transmitter weighs 115 grams; receiver 125 grams \$150

ECZ-660

Electret condenser zoom microphone with switch



able dual pattern \$100

HIS-35 Headset

Headset/boom microphone with mini plugs for headphone and mic input; 60 g \$60

BIB

BK-1 Video Care System

Contains push-button VCR cleaner, antistatic screen-cleaning fluid, ten sheets of VHS title labels, twenty reusable record safety tabs \$29.95

VE-1 Camcorder Care Kit

Portable, lightweight, shock-resistant plastic carrying case contains automatic head cleaner; combination air duster/lens cleaning brush; lens-cleaning brush; lens-cleaning fluid; 50 sheets of lens-cleaning tissues; soft cloth.

VE-1/VHS. For full-size VHS camcorders \$24.95

VE-1/C. For VHS-C camcorders \$24.95

VE-1/Beta. For Beta camcorders \$24.95

VE-1/8mm. For 8mm camcorders \$24.95

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VE-43 8mm Tape-Mending Kit

Tape splicer, tape cutter, and splicing tape in plastic container \$22.95

VE-40 VHS VCR Head Cleaner

One-piece push-button head cleaner automatically



applies correct amount of fluid to cleaner. Cleans complete tape travel path \$14.95

VE-46. VHS-C head cleaner \$14.95

VE-41. Beta VCR head cleaner \$14.95

VE-42. 8mm head cleaner \$16.95

8mm Automatic Cleaner

Nonabrasive wet/dry 8-mm video cleaner \$12.95

VE-44 8mm Lens Care Kit

Lens-cleaning fluid, 50 nonabrasive tissues, and brush. Comes in dust-free storage box \$7.95

ACCESSORIES

VE-45 8mm Title and Label Kit

Easy-peel labels; ten sets (30 labels total) plus ten index cards for catalog file. \$4.95

A-612 "Two-Shot" Audio Head Cleaner

Cleans erase, record/playback heads and complete tape path. Automatically applies correct amount of cleaning fluid onto cleaning tape. \$1.79

BRETFORD

5585 Armoire Video Cabinet

Video cabinet with doors covering TV, storage drawer underneath TV, and cabinets under the drawers. Accommodates up to 27" TV's. Available in dark and medium oak. 33.5 x 57 x 19 in. \$550

5579 A/V Entertainment Center

Features one audio side, and one video side; adjustable top-rolling shelf for turntable; accommodates TV's up to 27" wide; adjustable-height rolling VCR shelf. Available in dark and medium oak finishes. 49.75 x 46 x 19 in. \$484

5586 A/V Entertainment Center

Features VCR storage drawer; one audio side, one video side. Available in dark and medium oak finishes. 18.5 x 37 x 16 in. \$440

5578 Video Cabinet

Accommodates TV's up to 27" wide. Features rolling VCR shelf; glass doors. Available in dark, medium, and black oak finishes. 29 x 47 x 19 in. \$292

5576 TV/VCR Stand

TV stand with glass-doored cabinet underneath for storage and VCR. Has concealed casters. Dark, medium, and black oak finishes. 29.25 x 23 x 17 in. \$209

BUSH

Oak Elegants Series

Units feature softly-shaped 2.5" wide solid-oak frames; oak veneers on the sides and tops; multi-step finish with a double lacquer topcoat; brass accents; through-the-glass brass hardware; unique hinging system; bronze-tinted glass doors; concealed fasteners.

AV1675. Full-sized entertainment center holds 27" TV; adjustable shelf; glass-enclosed storage with adjustable shelves. 49.25 x 49.88 x 20 in. \$530

V1636. Video center holds most 27" TV's and all 19" TV's; cabinet portholes for TV's with sidefiring speakers; glass-enclosed storage area. 30.5 x 50.63 x 20 in. \$360

V1632. Compact video cabinet holds up to 27" TV on top shelf. 30.5 x 24.25 x 16 in. \$200

Jamestown Collection series

Features golden brown oak finish; solid oak dentil molding; raised panel doors and drawers; brass hardware.

AV-786. Accommodates up to 27" TV, two large storage drawers, one fixed and three adjustable shelves, two full-length, framed, tempered glass doors. 50.63 x 53 x 20.38 in. \$359.95

AV-773. Accommodates up to 27" TV, adjustable shelf above TV for VCR can be used when a smaller TV is installed, enclosed storage space, four-shelf component area, two deep drawers. 60 x 50.5 x 16.38 in. \$299.95

AV-763. Accommodates up to 27" TV, full-length safety-glass doors enclose component area and four shelves, three of which are adjustable; adjustable shelf over TV area can be used for VCR when smaller TV is installed; storage cabinet under video area. 48.25 x 53 x 16.38 in. \$269.95

V-372. Accommodates up to 27" TV and VCR behind double doors; storage drawer. 49.56 x 33 x 20.38 in. \$219.95

V-316. Accommodates up to 27" TV behind double doors. 28.25 x 29.5 x 16.38 in. \$119.95

Furniture Systems Series

Series is comprised of 2 groups of cabinets, L120 and L130 series, with the L130 series being 4" deeper allowing consumers to create a "breakfront" system. All cabinets stand 72" high, 4 units measure 30" wide and 2 have 20" widths.

L139WS. Wood and glass doors; middle doors open 180° for TV viewing; 30" w 19.4" d \$269.95

L132WS. Audio cabinet with wood and glass doors; 20" w x 19.4" d. \$219.95

L134WS. Open shelving above wood doors; 30" w x 19.4" d. \$199.95

L124WS. Wood doors; 15.4" d. \$169.95

L121WS. Wood doors; 15.4" d. \$149.95

L123WS. Open shelving; 15.4" d. \$149.95

AV-1375 Audio/Video Center

Features 25" wide TV compartment; adjustable VCR shelf; glass-enclosed storage area with adjustable video shelf; silk-screened, wood-framed glass doors, has 20.25"-wide glass-enclosed audio area with three adjustable shelves, also solid oak and oak-laminate cabinetry. \$399.95

AV-757 Home Entertainment Center

Will accommodate up to 27" TV's, VCR and several



audio components; three adjustable interior shelves; tempered glass doors; enclosed storage area. 43.75 x 47.25 x 15.38 in. \$179.95

AV-774 Home Entertainment Center

Combination home entertainment center/room divider features 2 pull drawers. Library oak finish. 49 x 69.5 x 15.5 in; 185 lbs. \$259.95

V1332 Artisan Video Cabinet

Features 19.25" high by 27" wide TV compartment with adjustable shelf and oak-framed glass doors. Hand-stained and finished oak and oak laminates. 28.5 x 28.5 x 16.5 in. \$149.95

CALRAD

Calrad is a manufacturing company whose products are available through the mail. Products include a variety of video connectors, test equipment, tools, and accessories. For a free catalog contact: Calrad Electronics Inc., 819 N. Highland Ave., Hollywood, CA 90038; (213) 465-2131.

CARTER-CRAFT

60-610 Tape Rewinder/Cleaner

For VHS-format tapes. Quickly fast-forwards or rewinds tapes while cleaning them. Includes 4 replacement tape-cleaning bars. \$53.95

46-100 Indoor TV Antenna

Adjustable. Features built-in control knobs for

matching TV channels and fine tuning. \$29.95

60-462G VCR/TV Signal Amplifier

Improves picture by restoring signal loss that occurs in most VCR/TV connections. \$21.95

60-354GN Dubbing Cable Kit

Kit includes gold-plated cables/adapters for dubbing between Beta and VHS or between the same format videocassettes. \$16.95

60-357G Stereo/Mono Dubbing Kit

For dubbing from stereo VCR to mono VCR. Features gold-plated, coded plugs. \$18.95

60-355G. For stereo to stereo dubbing. \$19.10

Video, Cable TV Workbook

Do-it-yourself hook-up guide for TV, stereo simulated TV, VCR, CDV and other components. Also has instructions for dubbing, camera/camcorders and preventive maintenance. \$4.95

60-606 Video Necessities Kit

Contains universal VCR dust cover; Panasonic T-120 HG tape; VHS wet-type head cleaner. \$29.95

CERTRON

Vi-Lib 10 Video Storage Library

Stores videocassettes in individual heavy-duty plastic compartments. Features individually-hinged transparent compartment coverings. \$19.99

0712 Videocassette Cabinet

2-drawer cabinet. Stores up to 24 VHS or Beta videocassettes. Features simulated teak-woodgrain finish. \$16.99

VCS-10 Video Storage Cases

10 pack of storage cases for individual videocassettes. \$9.99

VCS-3. As above. 3 cases. \$3.99

VCRHC VHS Head-Cleaning System

Nonabrasive VHS head-cleaning system. Features rotating well; fluid; cleaning cassette. \$9.99

0714 Rack 'N Stack Video

Vertical rack storage case for up to 8 VHS videocassettes. \$5.99

COASTAR

Caravelle Series Leather Video Carrying Cases

PL-200 Patch Leather Camcorder Carryall

Sized to house all camcorders; main compartment has adjustable dividers to custom-fit all accessories; available in chocolate or tan. 16 x 9 x 7.5 in. \$150

PL-100. For 8mm and VHS-C camcorders. 12.5 x 8 x 5.5 in. \$130

LTD Series Video Carrying Cases

VC-160S Camcorder Case

Holds all 8mm and VHS-C camcorders; mesh accessory pocket. 12 x 8 x 8.5 in. \$130

VC-150S. For all camcorders, and most large cameras and accessories. 15.25 x 9 x 9 in. \$135

VC-140S. For low-profile 8mm camcorders and video cameras. 15 x 6 x 7.5 in. \$130

VC-130S. For all compact cameras, and most 8mm and VHS-C camcorders. 12 x 7 x 7.5 in. \$90

VC-120S. For compact video cameras and accessories, incl. Sony Handicam. 9 x 6.75 x 7.5 in. \$70

VC-30S. 11 x 7 x 5.75 in. \$70

Red Accent Series Video Carrying Cases

R-15 Camcorder Tote

Designed to carry all compact camcorders; holds accessories; 6 x 8.75 x 4 in. \$89

R-17. Space-saving vertical design. 6.75 x 12.5 x 5.5 in. \$89

R-18. Front storage pocket. 12.5 x 8 x 5 in. \$89

R-1200. For JVC VHS-C camcorder. 11 x 8.5 x 4.75 in. \$89

ACCESSORIES

- R-19. 15 x 7 x 5.75 in. \$89
- R-20. For full-sized VHS and Beta camcorders. 15 x 10 x 8.5 in. \$102
- R-21. For 8mm camcorders. 15 x 8 x 8 in. \$99

R-23 Universal Camcorder Attache

Designed to hold all video camcorders and accessories; nylon exterior with rigid frame and polyfoam inner wall provides water-proof and shock-proof protection; 17.13 x 10.5 x 8 in. \$102

R-777 Custom Video-Pro Case

Designed for all camcorders, VCR's and companion video cameras with accessories; shock and scratch protection. 17 x 10.5 x 7.75 in. \$130

R-666. For full-size camcorders and accessories. 16.75 x 10.5 x 7.63 in. \$99

R-555. For compact camcorders. 11.75 x 6.5 x 5.5 in. \$89

Mohawk Series Carrying Cases

VM-4800 Professional Camcorder Carryall



For all VHS cameras and camcorders; shockproof; waterproof exterior. 16.5 x 9 x 9 in. \$130

VM-4200. For 8mm and VHS-C camcorders. 13.5 x 8.5 x 6.5 in. \$120

VM-4000. For VHS-C camcorders. 12.75 x 7.5 x 5.5 in. \$99

Red Accent Series Tripods

VTR-90RA Tripod

"High-boy" video tripod. Built-in quick release; opens to 77" \$179.95

VTR-80RA Fluid-Action Tripod. Opens to 63 inches; \$119.95

VTR-60RA Spring-Load Tripod. Opens to 58" \$99.95

VTR-50RA Closed Channel Tripod \$79.95

VTR-40RA Tubular/Braced Tripod \$59.95

Goldcoast Series Tripods

GT-1000 Super-Pro Video/Photo Tripod

Tripod handle locks to outside leg of tripod, becoming carry handle; 40-mm closed-channel aluminum legs; opens to 68" \$249.95

GT-700 Professional Tripod. 32mm heavy-duty legs; opens to 71" \$199.95

GT-600 "Hi-Boy" Pro Tripod. Opens to 73" \$179.95

GT-500. Opens to 64.5" \$149.95

GT-400. Oil-filled fluid-action head; opens to 61" \$119.95

GT-300. Opens to 56" \$79.95

GTC-4 Tripod Case. For Goldcoast tripods. \$24.95

CK-6 Deluxe Video Camera Cleaning Kit

Consists of lint-free cleaning cloth, lens tissue, lens cleaning fluid, blower brush, cotton swabs. \$8.99

CL-186 Professional Video Clap Stick

Professional type clap-stick; complete with chalk and clapper \$24.99

CWD

Woodmore Cabinets

All CWD Woodmore cabinets are handcrafted of

select hard-wood solids and veneers including natural oak, dark oak, natural American walnut, and black oak; with matching adjustable shelves. All cabinets are modular so they may be used individually, grouped, or stacked to create complete entertainment centers.

Magic Lowboy. Unit conceals set of shelves that can hold a complete A/V system; remote control raises components from base for use. Can be used for stow-away bar, hidden computer center, or grouped for a wall unit. 32 x 47.25 x 19 in., rises to a maximum height of 53" \$2,600 to \$2,900

Glass-Lid. With 2 adjustable shelves, feather-light hinged lid, and casters. 42 x 24 x 19 in. \$415 to \$525

Lowboy. With four adjustable shelves and casters. 30 x 47.75 x 19 in. \$415 to \$515

42". With three adjustable shelves and casters. 42 x 24 x 19 in. \$335 to \$445

Entertainment Table. Finished on all four sides; with wood base. 16 x 47.75 x 19 in. \$335 to \$430

Smallboy. With two adjustable shelves and casters. 21 x 47.75 x 19 in. \$335 to \$420

Video Cube. With .75" stacking rail for stacking on top of monitor cart. 30 x 30.5 x 19 in. \$265 to \$345

30". With two adjustable shelves and casters. 30 x 24 x 19 in. \$270 to \$345

Monitor Cart. With one adjustable shelf and casters. 21 x 30 1/2 x 19" \$245 to \$315

21". With one adjustable shelf and casters. 21 x 24 x 19 in. \$220 to \$270

Optional Doors

Wood or glass doors for all Woodmore cabinets. Glass doors have chrome, black, or gold external hardware. Wood doors have concealed European hinges and solid-wood pulls.

Glass Doors. \$30 to \$73

Wood Doors. \$90 to \$230

Roll Wood Door. Razor-sliced slats with wood veneer on wood track glide down over cabinet front to conceal components. \$160 to \$180

Drop Leaf Door. For use with 21" Woodmore or Woodmore Smallboy. \$55 to \$64

Flexdrawer System

Drawer system and slide-out trays for use in integrated cabinet. Available in behind-door-drawer fronts and full-width drawer fronts.

Small Drawer. 4.8" high. Holds up to 90 videocassettes \$100 to \$120

Medium Drawer. 7.4" high. Holds up to 36 video tapes \$110 to \$135

Large Drawer. 11.1" high. Includes removable hanging file folder rails \$125 to \$150

Slide-Out Tray. 1" high, extends 12" and locks into place \$85 to \$120

Projection TV Furniture

Projection Screen Cabinet. Cabinet for screen storage. 60 x 78.5 x 19 in. \$835 to \$1,135

Projector Cover. Finished on all four sides, with tri-fold door to hide tubes when not in use. 18 x 29.5 x 31 in. \$220 to \$275

Optional Accessories

Outlet Strips and Boxes. Filtered and spike-protected; eight-outlet strip with remote switch; four banks of two isolated outlets \$195

Two-Outlet Box. As above, but lacks switch and has only two outlets \$70

Videotape Drawer. Holds 26 tapes of different types; 6 7/8" high \$80 to \$100

Wine Accessory Rack. Solid-wood hanging rails for glasses and wine bottle racks. Also fits video accessories. \$80 to \$96

Slide-Out Shelf. 2.5" high; extends 10" \$72 to \$80

Wall-Mount System. To hang individual cabinets or entertainment centers on any structurally secure wall. Prices start at \$70

Slim Cabinet Lights. With matching wood rail; fixture is .75" high; with cord switch \$40 to \$47

Wood Back. Custom slotting available at additional cost \$32 to \$55

Stacking Rails and Bases. Solid-wood stacking rails .75" high and bases 1.75" high allow individual units to be combined into wall systems. All multi-cabinet bases have leveler brackets and adjustable levelers \$22 to \$130

DISCWASHER

Cable TV/VCR Adaptor Kit

Contains video head cleaner for VHS VCR's, A-B switch, signal splitter, two 1-meter RF cables, and one 2-meter RF cable. Instruction booklet shows dozens of ways to connect and operate video systems. \$34.95

Gold-ens Connector Cables

Audio/video connector cables designed for ultra-low capacitance and 75-ohm impedance.



2 meter, triple strand \$23.95

1 meter, triple strand \$21.95

5 meter, double strand \$19.95

4 meter, double strand \$17.95

2 meter, double strand \$15.95

1 meter, double strand \$13.95

Wet Video Head Cleaners

Nonabrasive wet cleaning system for VCR's and camcorders. Good for 100 uses.

VHS \$17.95

8mm \$17.95

VHS-C \$16.95

Dry Video Head Cleaner

Nonabrasive dry cleaning system for VHS or Beta VCR's. Good for fifty uses \$14.95

Wet CD-Video Disc Cleaner

Nonabrasive wet cleaning system for CD-V video discs \$19.95

Videocassette Labeling System

Plastic label sleeve affixed to videocassette holds label which can be changed if the tape is re-recorded. For VHS or Beta. 15 double-sided paper labels and five label holders \$3.99

DRAKE

PRC2400 Universal Remote Control

Universal infrared remote control comes programmed to operate Drake 2400 series satellite equipment and can be programmed to operate two additional remote-controlled audio/video components. Program for Drake 2400 series can be overridden so that unit may operate another manufacturer's satellite equipment. Works at up to 30 feet. 0.69 x 2.31 x 6.5 in. \$100

ACCESSORIES

- PRC924.** As above, pre-programmed for Drake 924 series \$100
PRC4524. As above, pre-programmed for Drake 524 and 424 series \$100
PRC240. As above, pre-programmed for Drake 240 series \$100

EL MAR

VHS Videocassette Storage Box
 Holds one VHS videocassette. Plain or textured black plastic \$0.86

FINELINE DISTRIBUTING

All Fineline cabinets have a 3/4" hardwood composite core and an oak or satin, black-veneer finish. All cabinets are part of an expandable, modular wall system. Some cabinets include multi-purpose drawers and slide out shelves.

- Audio + Video Cabinet.** Outside dimensions: 42.25 x 49.75 x 21 in. Video section: 38.75 x 28.5 x 19.5 in. Audio section: 38.75 x 19 x 19.5 in. \$559
Tall Video Cabinet. Outside dimensions: 42.25 x 30 x 21 in. Inside: 38.75 x 28.5 x 19.5 in. \$329
Short Video Cabinet. Outside dimensions: 21.25 x 30 x 21 in. Inside: 17.75 x 28.5 x 19.5 in. \$295
Super Monitor Cart/Video System Stand. Holds TV's up to 39" wide. Outside dimensions: 21.25 x 40.25 x 21 in. Inside 2 sections with adjustable shelves and glass doors \$349

FOURNIER

53606 Entertainment Center
 Single integrated cabinet with audio side and video side. Audio side features 4-tier cabinet with storage space for LP's. Video side accommodates up to 27" TV's with tier for VCR and storage drawer ... \$129

53506 Bi-Level Entertainment Center
 Entertainment center with TV platform, VCR platform, and storage drawer. Audio side features 4-tier cabinet. \$79

GE

ICVA436 Character Generator
 Creates and records titles on tape. 8-page title memory. 4 sizes. 72 characters, stopwatch, scroll\$250

ICVA430B AC Adaptor/Charger
 AC adaptor can be used to power camcorder directly from 120-volt AC source. May also be used to recharge ICVA125 battery pack; also provides connections to TV \$150

ITPD340 Tripod
 Extends to 60 inches and provides support for video cameras. Controls for panning and tilt \$150

ICVA550 CATV Adaptor
 Enables VCR tuner to receive and play back both regular and pay-TV cable programs. All electronic switching \$140

C600 Control Central
 Handheld programmable remote transmitter will operate up to 4 infrared audio/video of most brands or manufacturers. Unit is capable of learning the infrared codes of other transmitters to become the single control center \$130
RRC500. Similar to above but has LED display and operates 3 units \$100

ICVA410 AC Adapter/Recharger
 For GE camcorder power from AC source; recharges ICVA125 battery pack. \$100

ICVA248 Camcorder Carrying Case. Rigid case with internal foam padding for camcorder and accessories. \$100
ICVA255. Similar to above. \$100

ICVA490 Cassette Adaptor
 Full-sized cassette adapter makes VHS-C recordings compatible for use in any VHS VCR \$70

ICVA505 Power Supply
 Camera power supply for use with GE camera and tabletop-designed VCR's \$65

ICVA305 Car Cord
 DC power from any 12-volt car battery to camcorder; plugs into vehicle cigarette-lighter socket; 16-ft cord \$55

ICVA145 Battery Pack
 Rechargeable battery pack provides up to 1-hour operation of camcorder \$45
ICVA125. Similar to above but provides 2-hour capability \$45

GENEVA GROUP

PF-211 Videotape Bulk Eraser
 Restores videotape to original blank state by rubbing unit over tape. Improves quality of re-recordings.



2,300-gauss flux intensity; auto shut-off prevents burn-out; micro-switch control; rugged Lexan housing \$65

PF-313 Professional Splicing Blocks
 Grooved silver or gold anodized aluminum splicing blocks with 2 deep slits for straight and diagonal cuts; includes double-backed adhesive and stainless-steel cutting blade. For video and audio tapes \$35

VCR-300 Dustcover
 100% cotton duck breathes, lets heat escape. Neutral tan with brown fabric trim; heavy-duty vinyl viewing window over control panel \$14.95

VCR Maintenance Products
VCR-50. Deluxe video recorder care kit includes 10-oz Super Blast spray; 16-oz tape head-cleaner spray; antistatic dustcloth; 25 cellular foam swabs; disposable wipers \$35
VCR-205. Head demagnetizer with angled tip; removes residual magnetism from heads, rollers, guides \$43
VCR-130. Drop-in VCR head-cleaning cassette for VHS format. Removes dirt, smoke, and oxide debris from entire tape path. Non-abrasive, wet system, provides up to 52 cleanings. Spun-bonded pure polyester cleaning tape consists of tiny cross-weave pockets; pure freon spray cleans all critical areas without residue. \$29.95
VCR-135. As above except Beta-format. \$29.95
PF-350. 8mm-format video head cleaner. \$29.99
PF-360. VHS-C-format video head cleaner. \$29.95
VCR-95. VCR maintenance kit includes spray head cleaner; 15 cellular foam swabs; antistatic dustcloth; screwdriver to remove headcover screws; 3-oz pure freon spray head cleaner; instructions \$19.20
VCR-109. Jet air-stream Super Blast spray cleaner for loose tape oxide, dirt, dust; 10 oz \$7.20

VCR-109. Jet air-stream Super Blast spray cleaner for loose tape oxide, dirt, dust; 10 oz \$7.20

Video Signalink Video Cables
PF-856. 6-foot stereo cable (3 strand) \$23
PF-842. 6-foot mono cable (2 strand) \$20
PF-844. 3-foot stereo cable \$20
PF-854. 3-foot mono cable \$18

GUSDORF

5955 Entertainment Center
 Features genuine hardwood solids; holds 19-27" TV. VCR and audio system; tempered safety glass doors;



four adjustable shelves; magnetically secured doors; shelf in video section for VCR with 19" TV or may be removed to accommodate larger sets; light oak finish. 48.88 x 53.5 x 16.38 in. \$549.95

3395 Swiveling Video Center For Large-Screen TV
 Accommodates up to 31" TV. VCR and accessories; swivels on stationary base; magnetically secured tempered safety glass doors; textured slate finish. 14.31 x 33.31 x 18.75 in. \$169.95

3385 Swiveling Video Center
 Holds 19-27" TV. VCR and accessories; Swivels on stationary base; roll-top style doors on storage compartment; textured slate finish. 16.81 x 29 x 18.75 in. \$143.95

2410 Locking Video Storage Cabinet
 Holds up to 114 VHS or Beta videocassettes; magnetically secured doors with key lock; oak finish. 30.69 x 23.5 x 11.75 in. \$129.95

4430 Swiveling Video Center
 Features genuine hardwood solids; holds 19-27" TV. VCR and accessories; swivels on stationary base; magnetically secured doors on storage compartment; oak finish. 24.16 x 29.19 x 15.5 in. \$109.95

HAMA

Videoent 11 Video Editing Controller
 Video editing controller for VHS, Beta and 8mm formats. Features hinged LCD display to show status and provides instructions. Can store 50 scenes. NTSC version. \$1,250

VideoScript 51 Character Generator
 Character generator with 2 type fonts in 7 colors. Can store 5 pages of 8 lines each; fade-in/fade-out. NTSC version \$1,050

Copying Stand No. 6220
 Video copying stand has 4 rubber feet. White lines divide the baseboard into four equal sections. Features 8 1/2 x 11" imprint and three DIN imprints for fast positioning of originals; 28.75" column with scales in inches and centimeters; adjustable both vertically and horizontally. Stand disassembles for storage. \$230

ACCESSORIES

6228 Lights for Copy Stand. Two adjustable arms screw onto baseboard. Each light uses two 100-watt bulbs. Without bulbs \$230

3012 Telescreen "Videotransfer"
8 x 8-inch daylight projection screen and reversing mirror enables transferring of slides, films (super 8mm, 8mm and others) to video using video camera \$75
3015 Titling Set. For telescreen 3012 \$28

Car Camera Support "Universal"
Suction cup with three-point suspension permits attachment of the support to the side or rear window. Suitable for cameras weighing up to 3.75 lb. \$100

Chest-Support "Video"
Chest pod with ball and socket head with fast coupling for easy attachment. \$80
Chest-Support "Touring-set Video." As above with three-legged insert. Converts to table tripod \$85

Camera Grip "Professional"
Ergonomically designed hand-grip. Features 20' coiled cable and 2.5-mm jack for electro magnetic shutter release. \$65

Clamp and Table Stand
8.25" tripod with clamp permitting attachment to table tops, fences, etc \$55

6833 Video Light Angle-bracket
For camcorders/video cameras without accessory shoes or video lights too heavy for on-camera mounting. Enables two-handed grip of camera. With horizontal and vertical slip-in shoes \$35
6835. As above with swiveling (45°-90°) slip-on shoe \$45

394/04 Remote Release "MD"
For remote operation of video cameras. With 3.5-mm plug \$25
394/40. With 2.5-mm plug \$17
5127 Adapter. 2.5-mm female to 3.5-mm male. \$4

5371 Remote Release "EL"
For remote operation of video cameras. Shielded cable. 2.5-mm plug. 16-ft. cable \$16
5372. As above with 32-ft. cable \$16
5379. 32-ft. extension cable \$16

HEATHKIT

GRA-2035-1 Swivelling Video Center Kit
Video Center holds table-model 20" TVs and most cube-type TVs to 27". Features VCR shelf and magnetically secured push-to-open doors that open onto accessory storage area. Assembly required. 24 x 29.25 x 15.5 in; 65 lb \$79.95

V-617 Photograph to Video Converter
Transfers photographs up to 4 by 6 inches to videotape with your videocamera. Features macro lens; built-in fluorescent illumination. Assembled. 6 lb \$79.95

BV-612 Slide-to-Video Converter
Transfers slides or 8 or 16mm movies to video with your projector and video camera. Features adjustable tablepod. 3 lb \$79.95

HOLLYWOOD MAKE-A-MOVIE

Home Moviemaking Kit
Enables making three-to-five minute videos with any video camera or camcorder. Includes three scripts on color storyboards, props, audio cassette with sound effects and music \$39.95

HYPERTECH

Pro Series Underwater Camcorder Housings
All Pro Series underwater camcorder housings are

made of high-grade aluminum, lightweight, compact, and are available in a variety of colors. They feature wide-angle optics, a 7-element color-correction filter kit, viewfinder magnifier, and sturdy mechanical controls. Camera mounts on removable loading tray, and housing has a high-security O-ring seal. Housings only \$995

Prices below reflect complete Hypertech systems with lights and accessories.

Pro-7s. For Sony CCD-SP7 \$2,705
Pro-9A. For Sony CCD-V9 \$2,370
Pro-40. For Sony CCD-F40 \$2,270
Pro-30. For Sony CCD-F30 \$2,070

Accessories

Travel Case \$195
W/A Lens Kit \$100
Dome with Cover \$75
Dome with Glue \$70
Filter Kit \$45
O-Ring Kit \$45
Viewfinder Magnifier \$35
Zoom Control \$35

INNOVATIVE CONCEPTS

Protection Plus Storage Cases
Storage case for VHS and Beta videocassettes. Locking mechanism provides dust-free environment. Made of extra-durable plastic with lifetime warranty against cracking. Approved for mailing by US and Canadian postal services. Available in black, brown, cream \$2.45

INTRACLEAN BY A.R.T.

Video Recorder Cleaners
Nonabrasive cleaning band uses strong nonalcohol cleaning solution to clean heads, capstan, pinch roller, and tape guides.
V-311. For VHS format; includes 1/2-oz bottle of V-301 Video Cleaning Solution \$29.95
V-321. For Beta format \$29.95
V-331. For 8mm format \$29.95
V-341. For VHS-C Format \$29.95

JVC

XS-C3587 TV Table with Speakers
Two-way coaxial speakers built into TV table; maximum input 30 watts per channel; one-year in-home service warranty, one-year warranty on all parts. Frequency response 50-20,000 Hz. Shipping weight 75 lb \$429

RK-V330WD TV Table
For 25" and 26" televisions. 42 lb. \$99

TCL-2 VHS VCR Head Cleaner
Same shape as ordinary VHS cassette; works in 15 seconds; can be used up to 200 times \$7.95
TCC-2. Similar to above except for VHS-C transports; for use up to 100 times \$7.95

C-PSU VHS-C Cassette Adaptor
Allows VHS-C tapes to be played in standard VHS VCR's \$55

KALIMAR

K-482 Video III Tripod
Tripod features fluid head, level indicator, and bracket for movie light. Legs set up easily with Kalimar flip lock system. All metal construction. Size (closed) 27.5 in; 7.5 lb \$299.95

K-483 Video II Tripod
Tripod with heavy tubular legs and brace. Panhead is spring-loaded 3-way, 3-stop with 3 handles. Features geared elevator; aluminum and steel construction; height extension 65 in; size closed 25.75 inches; 7.5 pounds \$229.95

K-3054 High Tech RC Case
Designed for camcorders. Features reinforced cyclo-lac-molded curved exterior trim guards for shock proofing; high-density diced foam interior; heavy-duty straps; twin key locks. 21 x 8 x 17.5 in; 9 lb \$189.95
K-3052. As above except smaller. 18 x 7.5 x 13.5 in; 7 lb, 1 oz \$129.95

VX-9000 Molded Case
Designed for newer compact video systems. Features die-injected high-impact ABS plastic-molding exterior; hide-away handle; multi-layered, high-density diced foam interior; seals shut. 16.5 x 11.5 x 7.5 in; 4 lb, 8oz \$139.95

K-486 Video I Tripod
Tripod with channel-locked legs and brace; panhead is spring loaded 3-way, 3-stop; elevator is geared; height extension is 60 inches; closed 22 inches; 4.5 lb; aluminum and steel construction \$129.95

K-352 Video Light
Light attaches easily to any video camera; plugs into AC outlet; 250-W bulb with adjustable barn doors for maximum control over lighting design. Approx. 175 hours of use per bulb \$89.95

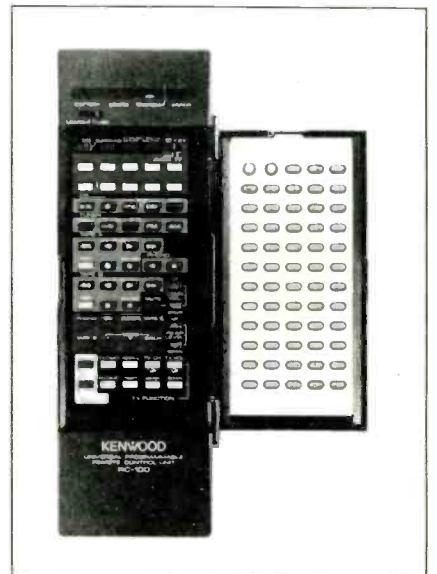
K-2242 Video Master Bag
Multi-function bag holds any camcorder securely in place. Features partitions for battery pack and compartment for extra battery or video tapes. Outside pockets. 16.5 x 8.5 x 10.5 in \$79.95

Video Mini Bag
As above, but designed for VHS-C and 8mm camcorders. Available in silver, black, blue or black rama \$64.95

Auxiliary Camcorder Lens Sets
K-171. Telephoto lens for 8mm camcorder. \$69.95
K-172. Wide-angle lens set for 8mm camcorder \$69.95
K-173. Telephoto lens set for VHS-C camcorder \$69.95
K-174. Wide-angle lens set for VHS-C camcorder \$69.95

KENWOOD

RC-100 Universal Remote Control
Programmable remote control unit for use with any



brand A/V equipment. Comes with capability to control all Kenwood units, and allows for 58 other user-programmable functions \$99

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ACCESSORIES

LASER BY SWIRE MAGNETICS

Wet-System Head Cleaner
Designed to clean video heads. VHS or Beta. \$5.99

LESLIE DAME ENTERPRISES

44015 Videocassette Storage Cabinet
Solid Teak; roll-top design; holds 15 videocassettes. \$41.95

VA-18 Videocassette Storage Unit
Solid oak; holds 18 videotapes; stackable. \$39.95

VA-26 Videocassette Wall Rack
Wood finish; wall or shelf mounting; holds 26 videocassettes. \$31.95

HI-36V Videocassette Storage Cabinet
Woodgrain finish cabinet; holds 36 videocassettes. \$29.95
HI-24VN. As above; holds 26 videotapes. \$18.95

MEMOREX BY MEMTEK

Gold Series Video Accessories
Features gold-plated connectors for maximum electrical conductivity and corrosion resistance.

10 dB Four Output Amplifier. Designed to amplify video signals and improve picture quality. Connects to coaxial television cable wherever an AC outlet is available. \$19.99

TV Signal Booster. Designed to amplify video signals and improve picture quality. Connects to coaxial television cable wherever an AC outlet is available. \$17.99

10 dB Amplifier. Designed to boost signal and improve reception of any VHF or cable television channel. \$14.99

Double Pair Stereo Cable. Designed for convenient input and output of audio/video connections. Features 4 molded-together cables; color-coded plugs; stranded pure copper conductors. 6-foot length. \$11.99

Video F-Type Coaxial Cable. Designed for connecting a videocassette recorder to a television of other video devices. Features professional-quality 95% shielding. 3-, 6-, 12-, 24-foot lengths. \$9.99

Video Selector Switch. Allows the selection of up to 3 video inputs. Features 3 inputs; 1 output; coaxial design. \$7.99

Signal Separator. Separates one 75-ohm television antenna signal into three distinct bands (VHF, UHF, FM). \$4.99

75-Ohm Terminator. Designed to plug into unused outputs of video equipment such as amplifiers and splitters. Reduces ghosts and reflections. \$1.99

Video Accessories

VHS Wet Head Cleaner. Nonabrasive wet head cleaner for VHS VCRs. \$15.99

Stereo VHS Dubbing Cable. For dubbing between 2 stereo or hi-fi VCRs. \$15.99

VHS Dubbing Cable. Individual audio and video cables for dubbing between 2 VCRs. \$11.99

Connecting Cable. Cable for connection between a VCR and audio system. \$7.99

Small VCR Dustcover. Designed to keep dust from videocassette mechanism. \$5.99

4-Way Splitter. Designed for interference-free distribution of antenna, cable or videocassette signals with up to 4 destinations. \$4.99

"F" Connectors. Crimp-free "F" connectors. Pack of 4. \$4.49

2-Way Splitter. Designed for interference-free distribution of antenna, cable or videocassette signals with up to 2 destinations. \$3.99

Video Label Set. For identification of video recordings. Includes ten easy peel on/off labels for both cassette face and spine. \$1.99

Videocassette Storage Case. Improved compact Safeguard videocassette storage case with a locking mechanism for protection against dust. \$1.99

MOGAMI

Super VHS Connecting Cables
Mogami Super VHS cables use two 70-ohm cables in a parallel pair. Each conductor contains 25 strands of pure copper. Cables come with S-VHS connectors on each end.

6 foot length \$12.95
12 foot \$14.95
20 foot \$17.95
50 foot \$29.50

NADY SYSTEMS

Wireless Microphone System

Wireless microphone system for video cameras. Features microphone/transmitter and miniature receiver. Effective operating range of 100 feet

151 VR/LR. VHF video camera wireless microphone system with lavalier microphone. \$199.95

VCM-100 Video Camera Boom Microphone

Video boom microphone switchable sensitivity for normal or long distance. Includes 3-foot coiled cord for on-camera use and 20-foot straight cord for remote use. Powered by single AA battery. \$64.95

NEC

AVX-910 Audio/Video Switcher

A/V switcher with digital video noise reduction. Features S-VHS input; 24-function wireless remote control; adjustable levels; 8-bit luminance and 6-bit chroma noise reduction. \$699

NILES AUDIO

VSA-5 Audio/Video Patching System

Active 5 x 5 audio/video patching system. Simplifies recording, playback and dubbing; features separate audio and video switching. FR 20-20,000 Hz; S/N 90 dB; THD 0.01%; imp 10 k ohms; video input imp 75 ohm \pm 1%. 19 x 3.75 x 7.6 in; 6.33 lb. \$400

VDA-6 Video Distribution Amplifier

6-output video distribution amplifier designed to distribute a single video source to multiple destinations. Features buffer circuits to insure that source signal reaches all destinations without degradation. All circuits are coupled. 8.13 x 2.53 x 3.69 in. \$180

VSA-1 Direct Video/Stereo Audio Patch

Passive video/audio matrix switcher for connection of satellite and video components. Patches both direct video and stereo audio signals. Permits dubbing, monitoring, and signal processing. Has connections for up to 4 components plus connections for a video monitor and a hi-fi auxiliary input. Features 65 dB isolation; no active components to degrade signal quality; 100% PC board construction (no hand wiring); RCA phono jacks for connections. 16.6 x 1.75 x 9 in; 3 lb. \$160

OLYMPUS

WEC-1000 Woodbury Video Editing Controller

Designed for use with two VCR's/camcorders (VHS, Beta or 8mm) with five-pin remote connector. Three edit modes: assemble, insert and audio dub; preview mode; nine-scene edit memory. \$499.95

Olympus Copystand

Includes baseboard, detachable column, multi-purpose mount. \$572

Lighting Set \$154

Table Clamp \$89

Woodbury Video Lights

The Woodbury VideoLite has a slip-on shoe for camcorder mounting and is adaptable for hand-held, tripod or light-stand use. Provides even coverage over 40° field. Features 3400° K quartz-halogen lamp; barn doors with 180° rotation; Available in three models:

WVL-120/12 Kit. For AC or DC use. \$149.95
WVL-120 AC. For AC use. \$99.95
WVL-120 DC. For DC use. \$99.95
12B Battery Pack. For WVL-12DC. \$149.50

Woodbury Power Packs

Nickel-cadmium power packs in three models:

WPP-12NC. 4.5-amp-hour battery pack for Woodbury VideoLites and most DC-operated equipment; with charger, nylon carry case and strap. \$189
WPP-1000. Rechargeable battery pack for Olympus, Nikon, Chinon and Elmo 8mm camcorders. \$49
WPP-1500. Extended-play rechargeable battery pack for 8mm camcorders. \$95

Olympus Conversion Lenses

Extend the focal length of any format camcorder with tele and wide conversion lenses. Coated. 49-mm diameter thread.

VF-KL6 Tele. 1.4X. \$99.95
VF-KL7 Wide. 0.7X. \$99.95

Olympus Filters

49-mm screw-on filters with plastic case. UV (haze), Y2 (yellow), 1A (skylight), O2 (orange), R1 (red), 81C (amber), 82C (light blue), ND-2 (neutral density), ND-4 (neutral density). \$23/ea

Olympus Lens Hood

49-mm screw-in thread, fits standard camcorder lens; protects against light flare and provides cushion against minor bumps and contact with lens. \$19

Olympus Lens Cleaning Kit

Blower brush, lens cleaning tissue and cleaning fluid. \$10

ONKYO

RC-AV20M Universal Remote Control

Audio/visual universal remote control can be programmed to operate up to ten video (VCR's, TV's, cable boxes) and audio components with infrared remote capabilities. 51 keys learn the remote operations of a variety of components and can store 102 functions into memory. Control modes for Onkyo products preprogrammed in the unit. Uses four AAA batteries. 7.5 x 2.75 x 1.19 in; 7.1 oz. \$99.95

ORA

VL255X Telephoto Conversion Lens

Telephoto lens designed for use on most 8mm, VHS-C, and VHS camcorders. Features lightweight construction; all-glass lenses; lens shade; three adaptor rings; protective lens case. Lens adapts to existing lens and increases image 2.55x. \$399

VH15X07X Wide Angle and Telephoto Lens Kit

Designed for use on most 8mm, VHS-C and VHS camcorders. Features all-glass, protective-coated lens; one 1.5x telephoto lens; one .7x wide-angle lens; protective lens caps; two adaptor rings; two leather cases for protection of each lens. \$189

RFM1 Modulator

RF modulator for VCR's and computers. \$60

VS2 Switcher

Video/audio switcher. \$50

TAG-135 Stereo Simulator

Stereo-simulator module with 6-ft stereo cord and adaptor cord. Works with stereo system and TV/VCR to simulate stereo. \$10

AGB27. A-B switch. \$3.60

Cleaning Products

8MM500. 8mm head cleaner and fluid. \$17.95

VHS500. VHS head cleaner. Nonabrasive. \$9

VHC500. VHS-C head cleaner and fluid. \$19.95

BTH500. Beta head cleaner & fluid. \$9

ACCESSORIES

VCK122. Video tape repair kit for VHS and Beta tapes \$6.40
VCC2420. Dust cover for front-loading VCR \$5.20
VCC2410. Dust cover for top-loading VCR \$5
DML019. Clean-O-Tip cleaning swabs \$1.60

Production Accessories

S-VHS-6. S-VHS video cable. Enables the separate transmission of luminance and chrominance signals to provide an enhanced S/N ratio, horizontal resolution, contrast, and picture quality. For use with S-VHS monitors, VCR's, videodisc players, TV's, and dubbing equipment. 6 ft \$16.95
S-VHS-12. As above, 12 ft \$22.95
GCX10. GCX twist-lock interconnect cable provides a practical way to make custom-length interconnects. Rather than predetermined cable lengths, the GCX twist-lock cable enables configuring of premium-grade interconnects to the exact length required, without special tools or soldering. 10 ft \$7.95
GCX25. As above, 25 ft \$17.95
GCX-2. GCX twist-lock connectors. twist-on gold connectors for use with GCX cable. Feature strain relief and heavy-duty outer shells. 2 pc. unit \$6.95
GCX-4. As above, 4 pc. unit \$12.95
DUB-S6. Ultra-shielded stereo/video dubbing kit. Heavy-duty coaxial cables; left/right color coding; 6 ft \$19.95
DUB-S3. As above, 3 ft \$16.95
DUB-S1. As above, 1 ft \$13.95
SQGDUB6. Super-quality stereo/video dubbing kit. 6 ft \$7.95
SQGDUB3. As above, 3 ft \$6.95
SQG623. Stereo-to-mono dubbing cable, 6 ft \$6.90
US-1. 1 ft. RCA-to-RCA dual U.S. cable; gold-plated terminals; strain-relieved; copper braiding \$8.50
US-3. As above, 3 ft \$9.08
US-6. As above, 6 ft \$10.40
US-12. As above, 12 ft \$13.20
UFP-3. 3 ft. F-to-F push-on U.S. cable; reduces interference during reception; gold-plated; strain relieves; copper braiding \$6.80
UFP-6. As above, 6 ft \$8.50
UFP-9. As above, 9 ft \$10.50
UFG-3. 3 ft. F-to-F ultra-shielded cable; gold-plated; strain relieved; screw-on connectors; molded solder joints \$6.60
UFG-6. As above, 6 ft \$8.40
UFG-9. As above, 9 ft \$10.20
UFG-12. As above, 12 ft \$12
URG-3. 3 ft. RCA-to-RCA single U.S. cable; gold-plated; strain-relieved; low signal loss and crosstalk \$6.40
URG-1. As above, 1 ft \$5.95
URG-6. As above, 6 ft \$8.20
URG-9. As above, 9 ft \$10
URG-12. As above, 12 ft \$10.80

CC625-33. 10-pin VHS-camera extension cable. 33 ft \$56.95
CC515-16. As above, 16 ft \$40.95
DC3/12. Car Cord for VHS camcorders \$22.95
DC76. Car Cord for portable VCR w/3-mm barrel connectors. \$9
DC6000. Car cord for Panasonic 5000/6000 VCR \$16.95
DC8500. Car cord for Panasonic camcorders which use slip-in cells \$43.95
DC8MM. Car cord for Sony 8mm camcorders \$39.95
WMA15C. 3.5-mm stereo 15-ft coiled extension cord \$4.80
OFT200. Oxygen free copper cables with Titanium-avilence shielded connectors. Single video cable, 2 meters \$27.95
OFT50. As above, 1/2 meter \$23.95
OFT58STV. As above, but with three separate wires fused together. Triple audio/video cable, 1/2 meter \$49.95

OSRAM

Video 1000 Profi Video Light
 Features 100-watt (3400°K) tungsten-halogen AC

lamp; variable beam angle between 90° and 50°; tilts vertically 90°; diffused safety-glass lens for soft illumination; silent blower with thermostatic cut-out to prevent overheating; removable handle with 1/4" thread; 13-foot power cord; camera bracket; half-power economy circuit; four pivoting barn-doors \$169.95

Video 300S Video Light

Features 300-watt (3400°K) tungsten-halogen AC lamp; mounts to any video camera by camera shoe; tilts vertically through 90° for direct or indirect lighting; space-saving, folding handle; safety cage with heat-resistant hardened glass screen; safety screen can be replaced by daylight conversion filter or a colored gel; two barn doors \$124.95

Uni-Clamp

Universal clamp-fitting for video lights; 1/4" tripod thread \$18.95

AL 100 Video Light System

Features 75 Watt/12 Volt halogen lamp; focusing variable beam angle from 70° to 30°; handle and camera shoe; 4-foot coiled cord; safety glass lens; daylight dichroic conversion filter and spot reflector available (see below); tiltable rotatable head with on/off switch.

AL 100 Profi. \$99.95
AL 100 Profi Set. Includes 12 V/4 Ah battery with charger (20-minute run time/8-hour charge); cordura case, belt loop, shoulder strap \$149.95
AL 100 Video. Includes rechargeable, maintenance-free battery with charger (15-minute run time/8-hour charge). Features LED monitor panel and tone to signal power-level loss; electronic circuit prevents overcharging \$284.95
AL 100 Belt Kit. Includes daylight conversion filter and spot reflector; 12 V/4 Ah battery belt with status indicator (55-minute run time/8-hour charge); battery charger; 75-watt bulb and 100-watt bulb; custom anvil case \$529.95

Accessories for AL 100 System

Belt Battery. 12 volt/12 Ah belt-type battery pack with female cigarette plug with charge level meter \$249.95
DC Power Module. 12 V/4 Ah battery pack \$69.95
Spot Reflector. Extremely narrow angle of illumination (7°); safety-glass lens \$46.95
Conversion Filter. Converts light output from 3400°K to 5600°K (daylight); useful as a fill-light outdoors \$46.95
Battery Adapter Cord. Allows use of AL 100 Video battery with any DC light equipped with a male cigarette plug \$9.95
Car Cord. Allows use of AL 100 Video with standard 12-volt power source using a female cigarette plug \$9.95
Shoe Adaptor. Adapts video light to camera shoe \$8.95

O'SULLIVAN

81261 Corner Video Etagere

Designed to fit in corner. Features solid-oak frame with plantation-cherry laminate finish; TV section accommodates larger TV's; 6 adjustable side shelves for accessories; drawer for accessories. 54 x 20.75 x 52.5 in. \$399.95

79790 Entertainment Center

Features solid-oak frames with oak-laminate finish; tempered glass doors; TV area will accommodate most large televisions; VCR shelf is adjustable or removable; 4 adjustable or removable component shelves. 48.13 x 16.75 x 47.88 in \$299.95

79737 Entertainment Center

Features solid-oak frames with oak-laminate finish; tempered glass doors; TV area will accommodate most large TV's; VCR shelf is removable or adjustable; 3 adjustable or removable component shelves;



2 solid oak drawers; storage compartment. 60.88 x 16.75 x 47.88 in \$299.95

79680 Entertainment Center

Features solid-oak frames with oak-laminate finish; tempered glass door; 3 adjustable/removable component shelves; 26" TV space/VCR shelf; 2 oak drawers; casters. 45 x 20.75 x 49.13 in \$299.95

79281 Entertainment Center

Features plantation-cherry laminate finish; 2 panel doors conceal 4 adjustable or removable component shelves; TV shelf will accept most 26" monitors; adjustable or removable VCR shelf; storage compartment. 48.75 x 19.75 x 53.5 in \$299.95

79030 Entertainment Center

Features glossy black-Formica high-pressure laminate finish; tempered glass door; 2 adjustable shelves; 1 pull-out turntable shelf; 26" TV space/VCR shelf for smaller TV; lower storage area behind twin double doors; cast-metal door pulls. 47 x 15.25 x 48.25 in \$279.95

79480 Entertainment Center

Features sculptured rails and round-edge design with brass-finished accents; 2 adjustable or removable component shelves behind glass tempered door; adjustable VCR shelf; 27" TV area; 2 lower storage drawers with woodgrain laminate inserts. 43.25 x 15.63 x 49 in \$199.95

74180 Video Etagere

Features colonial oak-laminates with twin, tempered glass doors; 6 adjustable or removable shelves; VCR shelf; 27" TV area; 2 lower storage drawers with brass-finish door pulls and woodgrain laminate inserts; beveled front; cam-lock construction. 46 x 19.88 x 47.63 in \$199.95

74660 TV/VCR Cabinet

TV/VCR cabinet complements 52650 audio cabinet. Solid-oak-framing lower storage drawers with solid-oak fronts; 26" TV area; adjustable VCR shelf; casters. 45 x 20.75 x 29.5 in. \$179.95/both

79236 Entertainment Center

Colonial-oak laminates with solid-oak door/drawer pulls. Accepts most 19" TV's; vein-lined door over lower storage area; lower drawer; 1 adjustable or removable component shelf; 1 top and 1 middle, full width shelf. 69 x 14.75 x 48.5 in \$169.95

79227 Entertainment Center

Colonial-oak laminates; tempered glass doors on two

ACCESSORIES

top storage areas; oak doors on two bottom storage areas; 3 adjustable or removeable component shelves; TV area will accept most large monitors. 71 x 14.75 x 54.63 in. \$179.95

79037 Entertainment Center

Country oak-laminate finish with rounded-rail door pull and top rail. Accommodates larger TVs; lower storage area; 5 shelves. 66.5 x 14.75 x 48.5 in. \$129.95

79020 Entertainment Center

Finished in white laminates with an adjustable or removeable VCR shelf. Twin component shelves; pull-out turntable shelf; spacious TV area; tempered glass door; twin-door storage area. 47.25 x 15.5 x 47.88 in. \$159.95

79980 Entertainment Center

Colonial oak-laminate finish with adjustable VCR shelf. Large TV area and adjustable component shelving; tempered glass door; twin double-door storage area. 47.25 x 15.5 x 48.13 in. \$149.95

79080 Entertainment Center

Finished in burlwood vinyl laminates with 3 adjustable component shelves; TV shelf for most 19" TVs; VCR shelf; vein-lined doors for storage area. 47.25 x 15.75 x 48 in. \$139.95

79018 Entertainment Center

Finished in burlwood laminates with adjustable component shelf and concealed storage area. TV area for most 19" TVs; bottom VCR shelf; solid wood door pulls; tempered glass doors. 40.75 x 15.2 x 47.13 in. \$108.95

74635 TV/VCR Cabinet

Solid oak frames and doors with oak laminate finish. Designed for most 26" TVs; VCR shelf twin door storage area; casters. 28.5 x 15.75 x 26.38 in. \$107.95

74352 TV/VCR Cabinet

Finished in medium warm oak laminates; TV area accommodates up to 27" monitor; adjustable or removeable component shelf; tempered glass doors; dual-wheel casters. 15.75 x 17.25 x 28.88 in. \$99.95
74452 TV/VCR Cabinet. As above, in black finish. \$99.95

74311 TV/VCR Cabinet

Colonial oak-laminate finish with rounded-edge design. twin door storage area; VCR shelf; TV shelf. 26.75 x 15.5 x 29.5 in. \$89.95

74210 Utility Cart

TV/VCR stand for 19" TV; twin vein-line doors for storage area; dual-wheel casters. 29 x 15.75 x 27.88 in. \$79.95

PACKTRONICS

VHC-1 Video Hard Case

Protective aluminum carrying case with adjustable dividers. Features velcro strap; compatible with large format camcorders; non-slip shoulder strap. Interior dimensions: 17 x 11 x 4 in. \$119.95
VHC-2. As above, for 8mm and VHS-C camcorders. 4.3 x 8.9 x 14.8 in. \$119.95

VHC-3 ABS Video Hard Case

Constructed from ABS plastic with adjustable dividers. 4.5 x 16 x 11 in. \$99.95

CHC-1 Camera Hard Case

Protective aluminum carrying case with foam insert for custom sizing to your camcorder or camera. 4.3 x 17 x 11.8 in. \$119.95

VGT L3V27 Tripod

With video 3-way fluid pan head with two handles and quick release shoe with spring loaded locator pin. Features geared elevator; elevator friction safety control; 3 section 27mm closed hex legs; horizontal

leg locks; leg braces; adjustable leg spikes. Overall height 61.6 in; folded height 22.5 in. \$149.95

VGT L3V32 Tripod

With video 3-way fluid pan head with two handles and quick release shoe with spring loaded locator pin. Features geared elevator; elevator friction safety control; 3 section 32mm closed hex legs; horizontal leg locks; leg braces; adjustable leg spikes. Overall height 67 in; folded height 32 in. \$124.95

VGT H102 Tripod

With video 3-way fluid pan head with quick release shoe with spring loaded locator pin. Features geared elevator; elevator friction safety control; 3 section 27mm closed hex legs; horizontal leg locks; leg braces; adjustable leg spikes. Overall height 61.8 in; folded height 24.8 in. \$99.95

VGT 1004 Tripod

With video 3-way fluid pan head with quick release shoe with spring loaded locator pin. Features geared elevator; elevator friction safety control; 3 section 23mm closed hex legs; horizontal leg locks; leg braces; adjustable leg spikes. Overall height 68 in; folded height 24 in. \$89.95

LT-1 AC/DC Video Light

Features small lightweight design; spot and flood light control; heat resistant safety glass; 9.5 foot power cord. Requires 98107 or 5572 lamp. \$99.95

LT-2 AC Video Light

Features small lightweight design; spot and flood light control; heat resistant safety glass; 9.5 foot power cord. Requires 5572 lamp. \$79.95

LT-3 DC Video Light

Features compact design; computer matched reflector and lamp; bounce light ability; 9.5 foot power cord. Requires 5566 lamp. \$69.95

Video Lighting Accessories

5564. 12 VDC portable power kit. \$69.95
5572. AC 150 watt lamp for LT-1 & LT-2. \$23.95
98107. DC 100 watt lamp for LT-1. \$11.95

PANASONIC

Accessories for PV-100 VHS Camcorder:

PV-K10 Cassette Adaptor. \$70
PV-K11 Cassette Adaptor. \$70
PV-A10 AC Adaptor. \$130
PV-RF10 RF Adaptor. \$60
PV-BP10 Battery Pack. \$55
PV-C10 Car Battery Cord. \$60
PV-H10 Carrying Case. \$45

Accessories for PV-320 VHS Camcorder:

PV-A22MB AC Adaptor. \$190
PV-A118 Plug in AC Adaptor. \$130
PV-BP80 Battery Pack. \$60
PV-C80 Car Battery Cord. \$22
PV-G22M Character Generator. \$320
PV-H33M Carrying Case. \$125

PV-SP68 Speaker

Stereo speaker for PV-4768 VCR. \$180/pr

PV-CT2 Adaptor

Cable adaptor for PV-4768 and PV-4780 VCR. \$160

20H-20F Camera Extension Cable

20-ft extension cable. \$60

PK-A789S Power Supply

Power supply with stereo audio input/output. \$80

RABBIT

VCR Rabbit Multiplying System

VCR multiplying system. Remote controllable system allows VCR viewing on TV not connected to

VCR. Features transmitter, receiver, cables and connecting wire. 3 x 7 x 5 in. \$89.95

THE RACK FACTORY

Deluxe Videocassette Library

Videocassette cabinets features slots large enough to hold Memorex, Amaray, and similar tape library cases. Wood construction available with walnut or oak grain vinyl finish. Free standing, stackable or wall mount.

VHS45. Holds 45 tapes. \$37.95
VHS30. Holds 30 tapes. \$29.95
VHS15. Holds 15 tapes. \$19.95

RCA

CGA030 Character Generator

Character generator with four type sizes (small to extra large). Up to 60 characters can be added to a scene at one time and up to 20 groups of characters can be stored and recalled. Characters may be stored in the battery-powered memory (two AA batteries included) for several months and up to 40 words can be stored in the word register. Features "curtain" and "window" special effects; stopwatch display calendar; time-lapse capability; S-VHS compatible; built-in belt clip. 8 x 3.25 x 1 in. \$329.95

WM002 Wireless Microphone System

Add-on microphone for RCA camcorders. Features 13" antenna; operates on 3 AA batteries; captures sounds from up to 100-feet away; transmitter weighs 3 oz; receiver weighs 5.5 oz. \$159.95

WAL01A Wide Angle Lens

Expands video camera's field of view by a factor of .6. Features 3 step rings, sized 46, 49, and 52 mm. Housed in black vinyl snap enclosure case with padded interior. \$139.95

LX152A Lens Extender

Increases camera's lens magnification power 1.5 times through entire zoom range; 3 step rings included; contained in a black snap enclosure with padded interior; compatible with most RCA video cameras. \$139.95

AV046 Video Power Pack

Eleven-cell rechargeable 4.5-Ah nickel cadmium battery for use with all 12-volt DC portable video equipment. Features removable and adjustable shoulder strap; built-in belt clip; built-in overcharge prevention. UL-listed charger included. 3.5 lb. \$124.95

FSA036A Film Slide Adaptor

Permits transfer of slides to video tape. If used with a camera that has a neg/pos switch, 35 mm and 110 mm print negatives can also be transferred to video tape. Comes with 4 step rings, three sizes of frame holders, and one filter. \$119.95

LFK115A Special Effects Lens Filter Kit

Includes 4 special effects lens filters: 3-face parallel mirage, 5-face mirage, center focus highlight, and a polarizer to reduce reflections. Four step rings included. Comes in black enclosure. Compatible with most RCA cameras. \$109.95

SK406 Surge Suppressor

Protects solid-state equipment from line voltage transient surges. Features 6.15 ampere, U-grounded outlets; built-in circuit breaker; on/off switch with built-in pilot light; heavy duty 6-foot cord; UL listed. \$29.95

SKF406. Surge suppressor/noise filter. Same as SK406 plus includes RFI and EMI suppression. \$44.95

AH040 Surge Suppressor/Interference Filter

Protects against transient peaks and voltage spikes in video equipment. Safeguards equipment from power

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line surges and RF or electromagnetic interference. Built-in light signals proper functioning. Plugs into standard 125-volt receptacle and accepts up to three power cords from any mix of equipment. . . \$26.95

AV009W VHS-Format Head-Cleaner Kit

Wet system head-cleaner cassette picks up and removes 90-100% of dirt, dust, and oxide residue from heads, headwheel, pinch rollers, and capstans. New section of cleaner automatically in position for each cleaning. Includes cartridge, spray, and instructions. . . \$14.95
AV010W. For Beta format. . . \$14.95
AV016. Replacement head cleaner spray for AV009W and AV010W. . . \$4.49

AC026 Camcorder Lens Care Kit

Includes 46-mm optical skylight 1A filter for lens protection and picture enhancement, special-formula cleaning fluid and cleaning tissue, and a rubber blower-brush. . . \$9.95
AC027. As above with 52-mm diameter. . . \$9.95

Protective Dust Covers

Protects videocassette recorders from static charges, dirt, dust, smoke, scratches, and humidity. Constructed of a porous 1/2-inch channel-quilted outer fabric and an antistatic, soft-padding inner liner with more than 5,000 perforations to allow for dispersion of heat build-up.
AV014. 17 x 11 x 4 in. For convertible videocassette recorders. . . \$19.95
AV015. 21 x 11 x 3.5 in. For two-piece (side-by-side) videocassette recorders. . . \$19.95

REALISTIC

44-1140 Videocassette Rewinder

Rewind or fast-forward VHS tapes. Batteries or AC adaptor required. . . \$29.95

44-233 Bulk Tape Eraser

Erases Beta, VHS, and all audio tapes. . . \$29.95

Videocassette Cabinets

44-1199. Two drawers. Holds 24 VCR tapes. \$29.95
44-1188. One drawer. Holds 10 VCR tapes. \$16.95

VCR Head Cleaning Systems

Non-abrasive cleaning systems for heads, capstans, pinch rollers and guides.
44-1185. Automatic VHS cassette system. . . \$12.95
44-1186. Automatic Beta cassette system. . . \$12.95
44-1172. Manual system. Includes brush, mirror probe, glove. . . \$9.95

44-1182 Universal VCR Cover

Clear front; static resistant. 7 x 20 x 16 in. . . \$5.95

Storage Units

44-1198. Video library album (set of three). . . \$2.99
44-1197. Smoke-colored videotape racks holds up to 6 tapes each. Two racks for. . . \$5.99
44-1102. Video module stores up to 6 tapes. . . \$4.99

Videocassette Labels

Package of 10.
44-1177. For VHS. . . \$1.49
44-1178. For Beta. . . \$1.49

RECOTON

Video Switchers

V621A. Audio/video switcher. . . \$159.95
V312A. Five inputs; two outputs; tape dubbing. . . \$29.99
V352. Five inputs; two outputs; pushbutton switching. . . \$44.95
V341. Three-way VCR-TV 300-ohm selector switch; for three 75-ohm inputs, or two 75-ohm inputs and one 300-ohm input. . . \$16.99
V317. Two-way antenna switch; adhesive backing for mounting on TV. . . \$18.99

V337. Three-way VCR-TV 75-ohm selector switch to choose 3 different outputs from one source. . . \$14.99

Videocassette Rewinders

V197. For VHS tapes; senses end of tape with infrared light; fully automatic; low-torque DC motor; smoked plexiglass cover; matte-black case. . . \$89.99
V177A. For VHS tapes; low-torque DC motor; damped eject mechanism; rewind indicator; matte-black plastic. . . \$39.99
V179A. Same as V177A, for Beta tapes. . . \$29.99

VRX-200 Extra Video Cleaner

Nonabrasive wet system for VHS video recorders; cleans more than 50 times. . . \$18.99

Pro Formula Video Head Cleaners

Wet system to clean heads, capstan, and tape path; removes dust and oxides.
V141. For VHS VCR's. . . \$18.99
V142. For Beta VCR's. . . \$12.99

Dust Covers for Video Components

Woodgrain vinyl with clear-plastic front panel.
V143. Universal dust cover features quilted padded nylon; installation cutouts; full-width clear front window. Available in black or gray; fits VHS or Beta VCR's. . . \$14.99
V126. Ribbed VCR cover. . . \$9.99
V105. For VHS and Beta VCR's. . . \$7.99
V125. For Super Mini VHS portables. . . \$5.99
V120. For VHS portables. . . \$5.99
V121. For Beta portables. . . \$4.99
V114. Economy version of V105. . . \$7.49
V124. For Sony SL-2500. . . \$2.99

V107 VHS Head Cleaner

Nonabrasive head cleaner for VHS VCR's; cassette slips into VCR, plays for 20 seconds. . . \$9.99
V109. Similar to above but for Beta VCR's. . . \$7.99
V138. VCR head-cleaning solution for above cleaners. . . \$3.69

Video Maintenance Products

V106A. Videotape eraser. . . \$69.99
V118. Videotape splicing kit. . . \$46.95
V115. Video camera lens-cleaning kit. . . \$10.99
V103. Deluxe Video Magic recorder maintenance kit. . . \$9.99
V119. Anti-static TV screen cleaner. . . \$5.99
V104. VCR maintenance kit. . . \$5.19
V108. Magic wands; five chamois wands for cleaning VCR's. . . \$4.19
V101. Video Magic head-cleaning solution. . . \$3.99
V102. Video Magic swabs. . . \$3.99
V110. VHS labeling kit; 25 labels. . . \$2.99
V111. Beta labeling kit; 25 labels. . . \$2.99

UHF/VHF/FM Antennas

All antennas except TV 150 have twelve-position fine-tuning switch, color-coded 300-ohm twin leads; 300/75-ohm transformer; elements are matte black and silver; body is gloss black.
TV 550. Control-activated rotating platforms with full 360° rotation; 39" VHF rods with 90° tilt; UHF loop antenna with center dish. . . \$39.99
TV 450. Super high sensitivity antenna with dual-element dipole rods that extend to 25" with more sensitivity than single-element rods of 50"; 90° tilt; directional multi-element Yagi UHF antenna with 45° tilt and 360° rotation for improved reception in fringe areas. . . \$34.99
TV 350. For horizontal surface or wall mounting; 31" telescoping elements with 90° angle and five-position tilt; dual UHF elements with 90° rotation. . . \$26.99
TV 250. Directional 36" telescoping VHF rods with 90° tilt; directional parabolic UHF antenna rotates 360°. . . \$26.99
TV 150. VHF and FM only; two 34" seven-section telescoping VHF rods with 90° tilt. . . \$12.99

Assorted Accessories

V474. Camcorder car cord. . . \$24.99

V468-6. 6-ft gold stereo dubbing cable. . . \$25.99
V130-10. 10-pack storage albums. . . \$13.99
V144. VHS head cleaner. . . \$12.99
V147. Beta head cleaner. . . \$9.99
V448. 10-ft gold VCR connecting cord. . . \$12.99
V348. 300/75-ohm UHF/VHF adaptor. . . \$6.99
V349. Portable TV matching transformer. . . \$3.99

TVS Gold Cables

TSVG310. 6-ft stereo dubbing cable. . . \$18.99
TSVG309. 6-ft mono dubbing cable. . . \$16.99
TSVG303. 25-ft F to F. . . \$11.49
TSVG307. 6-ft RCA to RCA cable. . . \$8.49
TSVG302. 12-ft F to F. . . \$9.49
TSVG301. 6-ft F to F. . . \$6.49
TSVG300. 3-ft F to F. . . \$5.49

SAFT

VCR Replacement Battery Packs

RC1209. 12 Volt, 900 Ah Nicad rechargeable replacement battery for RCA and Hitachi portable VCR's. . . \$54.95
RC1212. 12 Volt, 1.2 Ah Nicad rechargeable replacement battery for JVC and Zenith portable VCR's. . . \$54.95
RC1220. 12 Volt, 2.0 Ah Nicad rechargeable replacement battery for Panasonic portable VCR's. . . \$54.95
RC1217. 12 Volt, 1.7 Ah Nicad rechargeable replacement battery for RCA and Hitachi VHS-C camcorder. . . \$74.95
RC1215. 12 Volt, 1.5 Ah Nicad rechargeable replacement battery for full size VHS portable VCR/camcorders. . . \$74.95
RC7210. 7.2 Volt, 1.0 Ah Nicad rechargeable replacement battery for Nikon and Olympus portable VCR's. . . \$59.95
RC6013. 6 Volt, 1.3 Ah Nicad rechargeable replacement battery for 8mm camcorders. . . \$54.95
RC9614. 9.6 Volt, 1.4 Ah Nicad rechargeable replacement battery for VHS-C camcorders. . . \$59.95
RC9610. 9.6 Volt, 1.0 Ah Nicad rechargeable replacement battery for JVC and Panasonic VHS-C camcorders. . . \$69.95
RC9611. 9.6 volt, 1.1 Ah Nicad rechargeable replacement battery for Sharp VL-C7 VHS-C camcorders. . . \$69.95

SANSUI

VC-G99 Video Character Generator

Character generator for videotape titling. Features 20 characters per line, 7 lines per title; 124 different



characters in four languages. . . \$250

SANYO

RBUI Universal Remote Control Transmitter

Programable infrared remote control uses an 8-bit microprocessor to learn and use the infrared codes from as many as three different remote control products. Features multi-function controls to execute up to 87 functions from a 36-button keypad; pre-programmed to work with current Sanyo components. Uses 4 AA batteries. . . \$200

SCOTCH

Headcleaning Videocassette

VHS, VHS-C, Beta, headcleaning cassette which uses

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a specially formulated tape with a prerecorded message. Played like a standard videocassette. Cleans heads while playing and prerecorded message is shown on screen when heads are clean. Cassette contains five minutes of cleaning tape \$19.95

Camcorder Care Kit

Designed for use with full size camcorders (T-120 VHS). Contains Scotch pro camera videocassette; headcleaning videocassette; re-label tape; lens cleaner \$29.95

SOLIDEX

VM-1088 Camcorder Magic Mike II

Wireless microphone system with built-in background music; two channels; one handheld microphone, one clip microphone; receiver attaches to camcorder; extension bar for video light \$139.95

Aluminum Camcorder Cases

Holds camcorder (VHS, VHS-C, Beta, or 8mm), battery charger, tape, and other accessories; with shock-absorbing foam interior; scratch-resistant poly-coated exterior; aluminum-alloy piano hinges; in bronze, silver, or black.

V93. Full-size \$99.95
V95. Midsize \$89.95
V96. Easypac \$79.95

Videocassette Rewinders

3000A. 2 way; for VHS tapes; photocell protection; digital display \$59.95
3001A. 2 way; for Beta tapes; infrared sensor; digital display \$59.95
8000A. 2 way; for VHS tapes \$44.95
8001A. 2 way; for Beta tapes \$44.95
8000. 2 way; for VHS tapes \$41.95
8001. 2 way; for Beta tapes \$41.95
828A. 1 way; Videotect; for VHS tapes; LED display \$31.95
829A. 1 way; Videotect; for Beta tapes \$31.95
828. 1 way for VHS \$29.95
829. 1 way for VHS \$29.95

Automatic Cleaning Systems

Wet/dry system with cleaning fluid; nonabrasive tape; auto stop with melody; designed to clean entire tape path; 24-month warranty.

V100 \$24.95
V28 \$14.95

Tripods

VT-90 Camera Tripod

Fluid panhead tripod features tension adjustment; tilt angle lock; central column camera drop-prevention grip lock \$189.95

VX-12. Optional wheel locks for above \$49.95

VT-88E Camera Tripod

Fluid panhead; ergonomic flip lock; crank gear knob; quick-release mounting and dismounting; central column camera drop-prevention lock \$109.95

VT-1000E Camera Tripod/Monopod

Fluid-loaded, counterbalanced 3-way panhead; built-in monopod inside central column; full-size close channel legs \$89.95

VT-85 Compact Tripod

Fluid compact tripod with 3-way panhead. Quick mount/release unit \$59.95

VT-83. Fluid video monopod

..... \$49.95

Lighting

VL-9200 Magicool Video Light. DC-operated light with battery and charger \$139.95

VL-9100. AC/DC-power capability light; 150/100 W \$109.95

VL-9000. AC light; 150 W \$89.95

VLB65. 6.5 Ah battery with charger for portable lights \$89.95

Accessories

S-28. Videotape splicer kit \$39.95
VDC-6. VCR dust cover \$5.95

SONRISE CABINET SYSTEMS

All prices shown are for medium oak finish. Optional finishes: walnut, light or dark oak stain, black, white, or gray lacquer. Optional cabinet doors: wood-framed glass or wood insert, touch-latch glass. Storage drawers: Compact Disc, Cassette, VHS-C/8mm. Video. Increase depth to 20".

SP-12 Video Cabinet

Tambour doors, sized for up to 27" monitor. Fixed shelf with open storage below. Exterior measurements: 49 x 36 in. Top VCR area on suspended shelf: 6 x 28 in. Monitor area: 26.25 x 32.5 in. Storage area: 11.25 x 34.5 in \$680

SC-9 Video Cabinet

Tambour doors. Sized for up to 27" monitor. Fixed shelf with open storage below. Exterior measurements: 34.5 x 32 in. Monitor area: 22.75 x 28.25 in. Storage area: 7 x 30.5 in \$520

B-31 Video Cabinet

Open cabinet with two adjustable shelves. Exterior measurements: 25.25 x 20.88 in \$400

B-11 Video Cabinet

Open cabinet for 25" monitor. One adjustable shelf. Exterior measurements: 25.25 x 32 in. Interior measurements: 21.5 x 30.5 in \$312

SV-5 Video Cabinet

Open cabinet with one adjustable shelf. Exterior measurements: 25.25 x 12.5 in. Interior measurements: 21.5 x 22 in \$264

Monitor Swivel (STV)

Ball-bearing swivel for adjusting TV viewing angle. Available in either 22 x 2.25 x 15.38 in, or 26 x 2.25 x 15.38 in \$79.95

8mm/VHS-C Tape Holder (SG-8mm)

Dual-sided unit holds 40 8mm or VHS-C videotapes. 14.88 x 10 x 6.75 in \$79.95

SONY

SB-V1000 Audio/Video Selector

Enables connection of a variety of components to one router. Features 6 inputs/outputs; 3 high-resolution s-video input/output sources; video signal processor loop; bypass circuitry \$700

Video Cleaning Cassettes

V8-25CL. For 8mm machines \$18.95

V-25CL. For VHS machines \$13.99

L25-1CL. For Beta machines \$13.99

VCR-to-TV Connector Cables

VMC-612MS. Uniconnector adaptor cable connects mono VCR's to TV's with A/V Uniconnector inputs; RCA video and RCA mono audio plugs at one end with miniplug adaptor. Uniconnector at other end \$12.99

VMC-920MS. 6-foot A/V cable connects stereo VCR's to mono monitor/receivers; RCA video jacks and RCA audio plugs at both ends \$12.99

VMC-820S. 6-foot A/V cable connects stereo VCR's to stereo monitor/receivers; RCA video and RCA left and right audio plugs at both ends \$10.99

VMC-610S. Uniconnector adaptor cable connects stereo VCR's to TV's with A/V Uniconnector inputs; RCA video and RCA stereo audio plugs at one end, Uniconnector at other end \$8.99

Antenna Connectors and Adaptors

ANS-32. Antenna switcher for selecting one of two RF input sources \$11.99

EAC-44. Band separate separates incoming 75-ohm VHF/UHF signals \$5.99

EAC-45. Two-way splitter connects two TV's to a VCR from one antenna \$4.99
EAC-24. Quick-connect F jack to 300-ohm twin-lead cable \$3.99
EAC-33. Straight quick-connect F plug for coaxial cable \$3.99

Antenna Cables

CCD-4. 9.8-foot 75-ohm coaxial cable with F connectors \$6.99

CCD-2. 5-foot 75-ohm coaxial cable with F connectors \$4.99

SOUNDESIGN

WC303EP Entertainment Center

TV compartment with adjustable shelf to accommodate up to 26" TV; safety glass doors on audio



component area with two adjustable shelves; two storage drawers; open space under TV with adjustable shelf. 48.5 x 49 x 16.5 in \$129.95

WC232TP TV Cabinet with Removeable Speakers

Walnut-finish TV stand with removeable speakers for connection to external speaker outputs on TV; accommodates TV's up to 26"; VCR shelf and accessory compartment behind safety-glass doors; casters. 21 x 36.5 x 15.88 in \$99.95

WC231TP. As above, built-in speakers \$99.95

WC300TK TV/VCR Center

Oak-finish cabinet can accommodate 26" TV; adjustable shelf for VCR can be installed when using 19-20" inch set; storage space below TV area with adjustable shelf for VCR and accessories is enclosed by safety-glass doors. 48 x 29.5 x 18 in \$69.95

WC207TP TV Stand

Walnut-finish TV stand with swivel base accommodates up to 26" TV; features pull-out VCR shelf; accessory drawer. 20 x 27.5 x 15.75 in \$49.95

SPECTRALSTAR

3.5x Telephoto Video Lens

250% increase in magnification in the telephoto range; high resolution glass optics; 6 elements/4 groups. Rear lens mount 49 mm; 46, 49, 52 mm adaptor rings included. 11 oz \$359.95

3.5x Telephoto Mirror Lens

Compact lens design increases magnification 250%; high-resolution glass optics and 2 coated mirrors; 9 element/9 group construction; built-in neutral density filter. Rear lens mount 52 mm; 46, 49 mm adaptor rings included. 5 oz \$359.95

2.5x Telephoto Lens

150% increase in magnification in the telephoto

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range; high-resolution glass optics; 6 elements/4 groups. Rear lens mount 49 mm; 46, 49, 52 mm adaptor rings included. 8 oz \$289.95

1.5x Telephoto Lens

50% increase in magnification in the telephoto range; high-resolution glass optics; 3 elements/3 groups. Rear lens mount 52 mm; 46, 49 mm adaptor rings included. 6 oz \$159.95

1.6x Telephoto Lens

60% increase in magnification in the telephoto range; high-resolution glass optics; 3 elements/3 groups. Rear lens mount 49 mm; 46, 52 mm adaptor rings included. 3.5 oz \$84.95

2x Telephoto Lens

100% increase in magnification in the telephoto range; high-resolution glass optics; 3 elements/3 groups. Double rear lens mount series 7 and 46 mm; 49, 52 mm adaptor rings included. 9 oz \$79.95

1.4/0.57 Lens Set

Two-lens package with a 1.4x tele and a .57x wide-angle lens; high-resolution glass optics; 3 element/3 group construction (tele), 2 element/2 group (wide). Double rear lens mount series 7 and 46 mm, 49, 52, 58 mm adaptor rings included. approx 6 oz. each \$169.95

1.4/0.7 Lens Set

Two-lens package with a 1.4x tele and a .7x wide-angle lens; high-resolution glass optics; 2 element/2 group construction (both). Rear lens mount 46 mm; 49, 52 mm adaptor rings included \$119.95

Hemispheric Lens

Increases wide angle field of view almost 3 times; operates in the macro range; high-resolution glass optics; 1 element/1 group. Rear lens mount 58 mm 49, 52, 58 mm adaptor rings included. 6 oz \$139.95

Super-Wide Semi-Fisheye Lens

60% increase in wide-angle field of view with fisheye effect; glass optics; 3 element/3 group construction. Series 7 rear lens mount. 49, 58 mm adaptor rings included \$109.95

Two-in-One Lens

Mounted one way acts as a telephoto lens, reversed acts as a wide-angle lens; glass optics; 4 element/4 group construction. Rear lens mount 52 mm; 46, 49-mm adaptor rings included. 4 oz \$119.95

.42x Wide-Angle Lens

60% increase in the wide angle field of view; glass optics; 4 elements/4 groups. Rear lens mount 46 mm; 49, 52-mm adaptor rings included. 4 oz \$89.95

.52x Wide-Angle Lens

50% increase in wide angle field of view; glass optics; 3 element/3 groups. Rear lens mount 49mm; 46, 52mm adaptor rings included. 3.5 oz \$84.95

1.7x One-Touch Telephoto Lens

Designed to snap onto front of JVC VHS-C camcorders \$79.95

0.6x One-Touch Telephoto Lens

Designed to snap onto front of JVC VHS-C camcorder \$79.95

Video Slide Copier

Transfers slides onto videotapes; glass optics; 2 element/2 groups \$129.95

Video Lens Adaptors

Series VII to 46mm	..... \$4.99
Series VII to 48mm	..... \$4.99
Series VII to 49mm	..... \$4.99
Series VII to 52mm	..... \$4.99
Series VII to 55mm	..... \$4.99
Series VII to 58mm	..... \$4.99

46mm-49mm	..... \$4.99
46mm-52mm	..... \$4.99
46mm-58mm	..... \$4.99
49mm-52mm	..... \$4.99
49mm-58mm	..... \$4.99
52mm-49mm	..... \$4.99
52mm-58mm	..... \$4.99
55mm-52mm	..... \$4.99
55mm-58mm	..... \$4.99
58mm-52mm	..... \$4.99
58mm-49mm	..... \$4.99

STRAIGHT WIRE

PP-8 AC Line Conditioner

1800-watt capacity AC line filter. Features two isolated sets of four grounded AC outlets to minimize component interaction. 90-130 VAC single-phase operating range \$495

Video Link Connection Cables

Video connection cable uses a controlled impedance design to eliminate line-reflection problems; gold phono plugs. 3-meter length \$34, 1.5-meter length \$25, \$6 each additional meter.

SUNPAK

Sunpak CV-300 Video Light

Slip-on shoe-mounting video light for camcorder mounting. Covers 20° field, 26° with diffuser. 30 watt, 12-volt halogen bulb operates for 24 minutes with



CL-5 rechargeable battery (14 minutes with CL-8). Includes charger for CL-5 in 8 hours (CL-8 in 5 hours) \$230
CV-320. As above with 20-watt bulb \$190

Sunpak CV-150 Video Light

Slip-on Shoe-mounting video light for camcorder mounting. Covers 20° field, 26° with diffuser. 20 watt 6.2-volt halogen bulb operates for 20 minutes with CL-6 rechargeable battery. Includes charger to recharge CL-6 in 8 hours \$150

TDK

Videocassette Recorder Head Cleaners

Nonabrasive head-cleaning cassettes for VHS-format videocassette recorders. Cleans video and audio heads in 30 seconds and can be used up to 200 times.

TCL-11. VHS format (dry type) \$10



TCW-11. VHS format (wet type) \$15
VCL-11. VHS-C format (dry type) \$12

TENBA

V-Ski Pak

Padded bag for carrying camcorder while skiing. Shock-insulated with 0.38-inch-thick embazote



foam; pockets for tape, batteries, ski wax, edge sharpener; extra room for sweater and rain gear; automatically curved shoulder straps. 2.25 lb. \$150

V8 Camcorder Bag

For 8mm camcorders 13.5 x 7 x 5 in; 1 lb. 7 oz \$110
VH. For Matsushita-built, Panasonic, Chinon, GE, and Curtis Mathes VHS camcorders. 15.25 x 9.5 x 5.5 \$100

Video Bags

All video bags feature nonabrasive Protek Cloth; welded D-rings; closed-cell polyethylene waterproof foam; wood bottom; 3000 lb. test strap; black with blue accents.

V1. 12 x 6 x 5.5 in	..... \$110
V8. 13.5 x 8.5 x 6 in	..... \$110
VH. 18 x 10.5 x 7 in	..... \$110

Traveler video bags feature Protek cloth; double-top system; quick-action rain top; zippered closings; saddle leather accents

TVH. 18 x 10.5 x 7 in	..... \$129
TV8. 13.5 x 8.5 x 6 in	..... \$119
TV1. 12 x 6 x 5.5 in	..... \$109

3M

Black Watch VHS-C Head Cleaner

Magnetic tape with cleaning agents built-in. Pre-recorded message and audible tone indicates completion of cleaning. Good for over 400 uses \$20

TIFFEN

Tiffen MCS Magnetic Filter System

Filters and accessories attach to lens with magnetic ring.

MCS Starter Set

Includes magnetic base ring; half-moon multiple exposure plate; vignette holder with 5 vignetting masks, 3 frosted center-spot masks and 3 clear masks; lens cover; dynamic-symmetry composition grid; cordura pouch; 34-page instruction manual. Attaches to lens with 77-mm accessory ring (for smaller lenses use step-up ring) \$64.95
Step-up rings. Sized from 49 to 72 mm \$14.50
Base plate/lens cover set. Contains base plate; lens cover; MCS manual \$24.50
Vignetting set. Contains vignette holder; 14 assorted vignetting/special effects masks, and MCS manual \$24.50

MCS Standard Filters

Green 1; Haze 2A; ND 0.8; Orange 1B; Red 25A; Yellow 2; FL-D; 80A; 81A; 65; 812 \$30/ea

ACCESSORIES

MCS Special-Effects Filters

Center spot	\$35
Color grad blue	\$30
Color grad ND 0.6	\$30
Color grad red	\$30
Color grad sunset	\$30
Double fog 3	\$35
Double fog 5	\$35
Low contrast 3	\$35
Low contrast 5	\$35
Polarizer	\$49
Sepia 3	\$35
Softnet black 2	\$35
Softnet black 4	\$35
Softnet red 2	\$35
Softnet red 4	\$35
Softnet skin tone 2	\$35
Softnet skin tone 4	\$35
Softnet white 2	\$35
Softnet white 4	\$35
Star 4-point 2 mm	\$35
Star 5-point 2 mm	\$35

Video Twin Filter Pack

Contains clear filter to protect lens without image alteration and neutral-density filter for low-light video cameras. Cordura case. in sizes from 46-77 mm \$25.25-63.75

"Which Filter Should I Use?" Videotape

28-minute VHS videotape describes filters and their use. Covers different types of filters: fogs, double fogs, diffusions, corals, sepias, color graduates, polarizers, enhancers, low and soft contrast effects, star effects, etc. Comes with 6-page companion booklet. \$25

Video Filters

Center spot. Diffuses distracting backgrounds, while permitting the center of the scene to remain sharp. (49-77 mm).....	\$19.25-51.25
Clear. Protects the front element of your lens. (39-82 mm).....	\$9.50-48
Close-up Lens. Increases the close-up capabilities of your video lens. (set containing +1, +2, +4; 40.5-72 mm).....	\$36.75-115.50
Color grad. Controls color or light intensity of half your scene. (49-77 mm).....	\$15-29.50
Low Contrast. Reduces the harsh look of intense lighting by turning high-contrast video into the look of film. Lightens shadow areas, allowing more detail. (49-77 mm).....	\$15-46
Soft Contrast. Maintains dark shadows while diminishing highlights. (49-77 mm).....	\$15-46
Diffusion. Creates dream-like effects that soften images and lessen detail. Available in sizes from 49 to 77 mm.....	\$19.25-49
Double Fog. Creates the mood and look of fog. (49-77 mm).....	\$15-46
Fog. Produces a misty effect that softens images and flares harsh lighting. (49-77 mm).....	\$12.50-30.75
812. Warms up skin tones. Makes people's complexions appear more natural. (39-82 mm).....	\$10.50-48.00
FL-D. Reduces greenish cast from fluorescent lighting, while improving color and skintones. (43-82 mm).....	\$16-66.25
Haze 2A. Reduces haze in outdoor scenes. For distant shooting: mountain, marine, aerial. (39-82 mm).....	\$10.50-48
Multi-image lenses. Create multiple images of the same subject. Available in several configurations. (49-77 mm).....	\$45-109.50

Neutral Density. Reduces harsh lighting without affecting contrast or color. (39-82 mm) .. \$10.50-48

Polarizer. Saturates colors, reduces glare and reflections. Darkens skies. (40.5-82 mm) .. \$20.50-80.50

Sepia. Adds golden-brown-look to scenes, while giving images a turn-of-the-century look. (49-77 mm)..... \$15-46 |

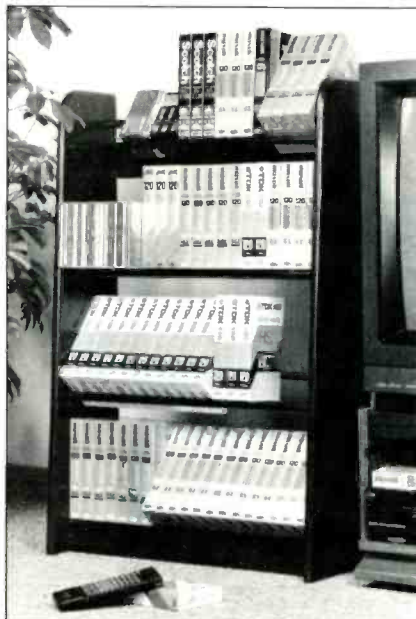
Softnet. Softens scenes without affecting image sharpness. Minimizes wrinkles and blemishes. In black, white, skintone, red. (49-77 mm)..... \$15-46 |

Star effect. Turns specular lighting into glitter. Creates stars from single light sources. 4, 6, or 8-point. (49-77 mm)..... \$21-89 |

TREE DIMENSIONS

V-75 Videofile

Free-standing bookcase-cabinet for holding videotapes. Holds up to 80 VHS tapes, 208 CD's, or 128 cassettes in any combination. Also holds Beta, VHS-



C. and 8mm tapes. Available in black-matte, or honey-oak-oil finishes. Comes with 4 plastic feet. 23.5 x 35 x 8.5 in \$84.95

VELBON

Stratos 470 Video Tripod

Heavy-duty video tripod with 3-way fluid-effect panhead. Features 3 section legs with center-leg bracing; friction-gear center column. Max operating height 63", folds down to 26". 5 lb \$119.95

Light 480 Video Tripod

Lightweight video tripod with 2-way fluid panhead. Incorporates the "Camera-safe" side-mounting quick-release camera platform with separate tension-adjusting knobs for tilt and pan; bubble level; 3-section legs features center bracing, quick-lever locks and non-slip rubber-tipped feet. Maximum operating height 59.5", folds down to 21.75". 20 lb 10 oz. \$69.95

UP-4DX Video Unipod

Video 4-section unipod with fluid-action head incorporating the "Camera-safe" side mounting quick-release camera platform. Maximum operating height 65.5", collapses to 22". 24 oz \$46.95

VIDICRAFT

VDM-200 VidiMate

All-in-one video home-production system. Features image enhancement: color correction; front-panel

inputs; audio mixing; auto fade for audio/video; split screen; distribution amp; compatibility between stereo/mono sources; compatible with any VCR or camcorder. Applications include playback, recording, and editing. \$350

LT 2000 Telephoto Lens Set

2.0x telephoto lens features multi-element optical array \$150

DET-101 Detailer

Image enhancer designed to improve video image quality with all video sources. Detail, sharpness, and split-screen controls \$130

SRT-100 SoundsRight

Stereo mixer with audio/video fade combines up to 3 sources of sound, stereo or mono. Auto fade of video, sound, or both \$130

LC 1565 Lens Set

Set includes telephoto and wide-angle lenses, adaptor rings, and carrying case; compact lenses designed for use with newest camcorders \$125

CSH-200 Cordless Headphone System. Includes wireless transmission system, power supply, and adaptors \$110

CMH-100. As above except mono \$70

VP-16 Power Supply/Charger

Compact, high-regulated unit operates most camcorders and portable video equipment \$70

BCF-800 Battery Float Charger

Lead-acid battery charger evaluates a battery's charge condition, and adjusts output accordingly; will not overcharge. Features light-emitting diode battery-strength indicator \$50

VIDEO MASTER BY LANCE INDUSTRIES

Video Master Video Control Centers

VM805RC with remote. Microprocessor-controlled electronic switcher; 6 RF inputs/3 outputs; wired remote control for second TV set; pushbutton controls; LED indicators.....	\$351.80
VM795. Amplified video switcher; 6 source inputs/3 outputs.....	\$140.60
VM785. Video control center; same as VM795, but lacks amplifier.....	\$105.40
VCR/TV3. Extra wired remote for use with a VCR or 3rd TV set.....	\$81.50
VM775. Video control center.....	\$43.10
VM010A. 10dB VHF/UHF signal amplifier for VM805RC only.....	\$28.85

V510 VHS VCR Starter Kit

Includes wet-type head cleaner, 1 6-foot and two 3-foot coaxial cables, A/B selector switch, 2-for-1 splitter, 75-to-300 ohm matching transformer, VCR dust cover \$55.50

V511. For Beta \$55.50

V500 VHS Video Head Cleaner

Wet-type VCR head cleaner. For VHS..... \$14.05

V501. For Beta \$14.05

ZENITH

PCC Multi-Brand Remote Control

Remote control is preprogrammed to control functions of more than 30 color TV brands, about 30 VCR brands, and 8 cable converters. Remote does not have to learn the infrared command codes, instead a series of internal switches are set. Functions: TV on/off, volume, audio mute, channel selection, flashback, and enter. VCR on/off, channel selection, stop, record, play, pause, fast forward, rewind, and TV/VCR/CATV on/off, channel selection, and volume control \$60

The listings are based on data provided by the manufacturers. For more product information, contact an authorized dealer or the manufacturer directly. Manufacturers' addresses and phone numbers are listed in the directory beginning on page 106.

WDS

Wisconsin Discount Stereo
2417 W. Badger Road
Madison, WI 53713
OR COD

HOURS
Mon-Thu 8-8
Fri-Sat 9-8
Sun 9-5

Discount Hotline 1-800-356-9514

BUYER'S GUIDES AVAILABLE: STEREO \$3.95 — VIDEO \$3.95 — BOTH FOR \$7.00

or call 608-271-6889



HOURS
Mon-Thu 8-8
Fri-Sat 9-8
Sun 9-5

OR COD

WDS

Wisconsin Discount Stereo
2417 W. Badger Road
Madison, WI 53713

SPEAKER SPECIALS

- EPI 12" 3-WAY** **\$87 EA.**
- EPI T/E 28011** **\$108 EA.**
TOWER SPEAKER SPECIAL BIR/PL44F
- EPI T/E 32011** **\$142**
TOWER SPEAKER SPECIAL BIR/PL45F
- RECOTON WIRELESS 100** **\$88 EA.**
WIRELESS REMOTE SPEAKERS

VCR SPECIALS

- VHS MTS HI FI** **\$349**
On screen programming with 6/21 Day timer and 27 function remote
- JVC HR55000** **LOWEST PRICE**
Brand new Super VHS ahead MTS HI
- PANASONIC PV1860** **CALL!**
4-Head MTS HI with on screen programming
- 4-HEAD MTS HI FI** **\$389**
TOP RATED On screen programming HOT BUY!

MISCELLANEOUS SPECIALS

- JVC RX550** **GUARANTEED LOWEST PRICE**
50 Watt Ch Audio V-90 Receiver - coded with features
- DUAL CS5000** **GUARANTEED LOWEST PRICE**
TOP RATED TUNABLE Hard-coded without base
- AUDIO SOURCE SS-ONE II** **\$169**
Dolby surround sound with 30 Wats Ch and Super
- ALPHASONIC MA2035** **\$129**
TOP RATED 35 WATT/CH CAR AMP Alphasonic MA2101

CAMCORDER SPECIALS

- JVC AUTOFOCUS** **\$599**
POWER ZOOM LENS CLOSEOUT PRICING
RCA Camcorder 1849
- JVC GR555** **GUARANTEED LOWEST PRICE**
SUPER VHS TOP RATED JVC GR625 — Call for price
- SONY CCDP40** **GUARANTEED LOWEST PRICE**
AUTO FOCUS Canon ET08
- JVC GFS550** **GUARANTEED LOWEST PRICE**
BRAND NEW! Panasonic PV490

DISC PLAYER SPECIALS

- TEAC PD600M** **\$929**
6 Disc stacker **GUARANTEED LOWEST PRICE**
- SONY CPD444** **\$217**
Portable stereo with disc player, cassette, and 5 band equalizer
- 6 + 1 STACKER** **\$279**
Magazine plus single tray for 7 disc playback
- 10 DISC STACKER** **\$375**
SPECIAL PURCHASE. Loaded with performance

CAR STEREO SPECIALS

- SHERWOOD CRD10** **\$159**
Auto reverse with CD inputs, Dolby B/C, and high power
- CLARION 9200RT** **\$209**
Digital DIN w/er Dolby B/C, high power and auto reverse

SOME EXAMPLES OF OUR SPECIAL PRICING

- SONY KY1380R** **GUARANTEED LOWEST PRICE**
Best 13" MONITOR RECEIVER
- SONY KY275XR10** **GUARANTEED LOWEST PRICE**
BEST 27" MONITOR RECEIVER
- SONY KY27TX20** **GUARANTEED LOWEST PRICE**
SPLIT SCREEN TWO TVs IN ONE
- TOSHIBA CX3077** **\$1296**
BEST 30" MONITOR RECEIVER

CASSETTE AND DISC PLAYER SPECIALS

- SPECIAL PURCHASE \$219** **TEAC AD4** **\$277**
TOP RATED DEXEL BLACK ENGIN W/AY BELOW NORMAL COST COMBINATION CD/CASSETTE DOLBY B+C HOT BUY!
- TEAC AD7** **\$355**
COMBINATION CD/CASSETTE DOLBY B+C + 40W HOT BUY!
- TEAC V670** **\$275**
3-HEAD 3 MOTORS W/TH DOLBY B+C + HI PRO

VCR SPECIALS

- JVC HRD750** **GUARANTEED LOWEST PRICE**
4-HEAD MTS HI WITH ON SCREEN PROGRAMMING
- DIGITAL 4-HEAD MTS HI FI** **\$565**
SPECIAL PURCHASE W/AY BELOW NORMAL COST!
- SUPER VHS 4-HEAD MTS HI FI** **\$657**
TWO TOP NAME BRANDS TO CHOOSE FROM
- JVC HR88000** **GUARANTEED LOWEST PRICE**
DIGITAL SUPER VHS HI RATED BEST VCR MADE

MISCELLANEOUS SPECIALS

- TECHNICS SA130** **\$88**
35 WATT CH RECEIVER GREAT PERFORMANCE
- SHERWOOD XR1604** **\$239**
REMOVABLE DIN CHASSIS CAR STEREO—TOP OF THE LINE
- SHURE V-15** **\$65**
ONE OF THE TOP RATED CARTRIDGES STANTON MODEL 40 OR STON CARTRIDGES
- SONY MDRV6** **\$67**
STANTON SR595 KOSI JCR2005

PORTABLE DISC PLAYER SPECIALS

- CITIZEN CBM777** **\$117**
LIGHTWEIGHT PORTABLE DISC PLAYER
- SONY D4 DISCMAN** **\$179**
ALSO AVAILABLE SONY D14
- TOSHIBA XRP9** **\$179**
WIRELESS REMOTE PORTABLE DISC PLAYER
- SONY D15** **GUARANTEED LOWEST PRICE**
SMALLEST DISCMAN SPECIAL PURCHASE

MISCELLANEOUS SPECIALS

- TOP RATED PRE-AMP AND POWER AMP** **\$499**
W/AY BELOW NORMAL COST!
- SONY WMF100 III** **\$119**
SUPER WALKMAN DOLBY A AUTO REVERSE SONY WMA64 TOSHIBA XT1087

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617-821-2300

Akai
225 Old New Brunswick Rd.
Piscataway, NJ 08854
201-562-8500

Allsop
4201 Meridian St.
P.O. Box 23
Bellingham, WA 98227
206-734-9090

Ambico
50 Maple St., Norwood, NJ 07648
201-767-4100

Arista
125 Commerce Dr.
Hauppauge, NY 11788
516-435-0200

Arkon
11627 Clark St., Suite 101
Arcadia, CA 91006
818-358-1133

Audio Control
22313 70th Ave. W.
Mountlake Terrace, WA
206-775-8461

Audio Design Associates
602-610 Mamaroneck Ave.
White Plains, NY 10605
914-946-9595

Audio-Technica
1221 Commerce Dr., Stow, OH 44224
216-686-2600

Avanti
8885 N.W. 23rd St.
Miami, FL 33172
305-592-7830

Azden
147 New Hyde Park Rd.
Franklin Square, NY 11010
516-328-7500

BASF
Crosby Dr., Bedford, MA 01730
617-271-4000

Bib Audio/Video Products
P.O. Box 27682
Denver, CO 80227
303-972-0410

Bose
The Mountain
Framingham, MA 01701
508-879-7330

Boston Acoustics
247 Lynnfield St.
Peabody, MA 01960
508-532-2111

BP Electronics
260 Motor Parkway
Hauppauge, NY 11788
516-435-8777

Bretford
9715 Soreng Ave.
Schiller Park, IL 60176
312-678-2545

Bush Industries
One Mason Dr., P.O. Box 460
Jamestown, NY 14702-0460
800-228-BUSH; NY: 800-248-BUSH

Calrad Electronics
819 N. Highland Ave.
Hollywood, CA 90038
213-465-2131

Canon
One Canon Plaza
Lake Success, NY 11042-1113
516-488-6700

Carter-Craft
P.O. Box 5185
Rockford, IL 61125
815-963-2100

Chinon America
43 Fadem Rd.
Springfield, NJ 07081
201-376-9260

Coastar
118 Pearl St.
Mt. Vernon, NY 10550
212-324-4656

Custom Woodwork & Design (CWD)
5200 W. 73rd St.
Bedford Park, IL 60638
312-563-1745

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1225 Commerce Dr., Stow, OH 44224
216-686-2600

Discwasher
4310 Transworld Rd.
Schiller Park, IL 60176
312-678-9600

R.L. Drake Company
P.O. Box 112, Miamisburg, OH 45342
513-866-2421

El Mar Plastics
840 E. Walnut St., Carson, CA 90746
213-327-3180

Emerson
One Emerson Lane
N. Bergen, NJ 07047
201-854-6600

Fineline Distributing
P.O. Box 90
Londonderry, NH 03053-0090
603-432-6716

Fisher
21314 Lassen St.
Chatsworth, CA 91311
818-998-7322

Fosgate/Audionics
P.O. Box 70
Heber City, UT 84032
801-654-4046

Fuji Photo Film USA
555 Taxter Rd.
Elmsford, NY 10523
914-789-8100

GE Consumer Electronics
600 N. Sherman Dr.
Indianapolis, IN 46201
317-267-5000

Geneva Group
9909 S. Shore Dr.
Plymouth, MN 55441
612-546-5620

GoldStar
1050 Wall St. W.
Lyndhurst, NJ 07071
201-460-8870

Grundig by Lextronix
3520 Haven Ave., Unit L
Redwood City, CA 94063
415-361-1611

Gusdorf
11440 Lackland Rd.
St. Louis, MO 63146
314-567-5249

Harman Kardon
240 Crossways Park W.
Woodbury, NY 11797
516-496-3400

Heathkit
Hilltop Rd.
St. Joseph, MI 49085
800-253-0570

Hitachi
401 W. Artesia Blvd.
Compton, CA 90220
213-537-8383

Hollywood Make-A-Movie
P.O. Box 4986, 1314 Hooper Ave.
Toms River, NJ 08753
201-240-0600

Infinity Systems
9409 Owensmouth
Chatsworth, CA 91311
818-709-9400

Innovative Concepts
1705 Junction Ct., Suite 160
San Jose, CA 95112-1023
408-436-1777

Instant Replay
2951 S. Bayshore Dr., 8th Fl.
Coconut Grove, FL 33133
305-448-7088

Intraclean by A.R.T.
4505-2H Industrial St.
Simi Valley, CA 93063
805-527-9580

JVC
41 Slater Dr.
Elmwood Park, NJ 07407
201-794-3900

Kalimar
622 Goddard Ave.
Chesterfield, MO 63005
314-532-4511

Kenwood
2201 E. Dominguez St.
Long Beach, CA 90810
213-639-9000

Kodak
343 State St.
Rochester, NY 14650
716-724-4000

Kolon Scena
180 Passaic Ave.
Fairfield, NJ 07006
201-575-2550

Konica
440 Sylvan Ave.
Englewood Cliffs, NJ 07632
201-568-3100

Koss
4129 N. Port Washington Ave.
Milwaukee, WI 53212
414-964-5000

Kramer by Kratek Corp.
P.O. Box 382
Westbury, NY 11590
718-953-8191

Laser by Swire Magnetics
301 E. Alondra Blvd.
Gardena, CA 90248
213-515-0494

Leslie Dame Enterprises
11-2073rd Ave.
Forest Hills, NY 11375
718-261-4919

Lexicon
100 Beaver St., Waltham, MA 02154
617-891-6790

Lloyd's Electronics
200 Clearview Rd., Edison, NJ 08818
201-225-2030

Magnavox
1-40 & Straw Plains Pike
P.O. Box 14810
Knoxville, TN 37914-1810
615-475-0317

Marantz
20525 Nordhoff St.
P.O. Box 2577
Chatsworth, CA 91313-2577
818-998-9333

Maxell
60 Oxford Dr., Moonachie, NJ 07074
201-794-5900

Memorex by Memtek
P.O. Box 901021
Ft. Worth, TX 76102
817-878-6700

Minolta
101 Williams Dr., Ramsey, NJ 07446
201-825-4000

Mitsubishi
5757 Plaza Dr., P.O. Box 6007
Cypress, CA 90630-0007
714-220-2500

Mogami by Marshall Electronics
P.O. Box 2027
Culver City, CA 90230
213-390-6608

Montgomery Ward
619 W. Chicago Ave.
Chicago, IL 60610
312-467-7573

Multivision
300 Technology Circle
Scotts Valley, CA 95066
408-438-4885

NAD
575 University Ave.
Norwood, MA 02062
617-762-0202

Nady Systems
1145 65th St., Oakland, CA 94608
415-652-2411

NEC
1255 Michael Dr.
Wood Dale, IL 60191-1094
312-860-9500

Nikon
623 Stewart Ave.
Garden City, NY 11530
516-222-0200

Niles Audio
12331 S.W. 130th St., Miami, FL 33186
305-238-4373

Numark
503 Newfield Ave., Raritan Center
Edison, NJ 08837
201-225-3222

Olympus
Crossways Park, Woodbury, NY 11797
516-364-3000

Onkyo
200 Williams Dr., Ramsey, NJ 07446
201-825-7950

Ora Electronics
20120 Plummer St., P.O. Box 4029
Chatsworth, CA 91313
818-701-5848

O'Sullivan Industries
1900 Gulf St., Lamar, MO 64759
417-682-3322

Packtronics
7200 Huron River Dr., Dexter, MI 48130
313-426-4646

Panasonic
One Panasonic Way, Secaucus, NJ 07094
201-348-7000

Pentax Corporation
35 Inverness Drive East
Englewood, CO 80112
303-799-8000

Philco
1-40 & Straw Plains Pike
P.O. Box 14810
Knoxville, TN 37914-1810
615-475-0317

Philips
1-40 & Straw Plains Pike
P.O. Box 14810
Knoxville, TN 37914-1810
615-475-0317

Photo Systems/Hama/Osram/Spectralstar
7200 Huron River Dr., Dexter, MI 48130
313-426-3400

Pioneer Electronics
2265 E. 220th St.
Long Beach, CA 90801-1720
213-835-6177

Polaroid
549 Technology Square
Cambridge, MA 02139
617-577-2000

Polk Audio
5601 Metro Dr.
Baltimore, MD 21215
301-358-3600

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VIDEO GLOSSARY

AM (amplitude modulation): A method of adding a signal to the carrier signal by varying the carrier's amplitude; used in broadcasting the picture portion of television signals.

automatic image stabilizer: A new feature of high-end camcorders; a servo mechanism "floats" the lens to compensate for camera movement.

auto-focus: A common camcorder feature that focuses the camera lens automatically.

audio dubbing: The replacement of the soundtrack originally recorded on a videotape's mono track with another soundtrack.

Beta: A videocassette format developed by Sony in 1975. It uses half-inch tape contained in cassettes that are slightly smaller than VHS videocassettes.

Betamovie: The name for first-generation Beta-format camcorders, which use standard Beta cassettes.

cable-ready, cable-compatible: Terms used for a TV or VCR that is capable of receiving all channels offered by cable TV—including midband and superband channels—without a converter box that is supplied by the cable company.

camcorder: A component that combines a video camera and a video recorder in one unit. Camcorders are available in every format; the lightest, hand-held models weigh less than 2 pounds, while heavier, shoulder-rest models weigh as much as 7 or 8 pounds.

carrier: A high-frequency signal used to transport (carry) additional signals, which are isolated from one another to reduce interference.

CDV (compact disc video): A medium storing 5 minutes of video with digital audio, plus 20 minutes of digital audio, on a compact disc.

channel block: A feature found on some TV's that allows users to affix security codes to certain channels; typically used by parents to prevent children from viewing "adult" channels. Channels are blocked and unblocked using the TV set's wireless remote control.

channel lock: A VCR feature that locks in the channel being recorded to prevent accidental channel switching.

character generator: A device used to add dates, titles, and subtitles to home video recordings. It is available as a built-in feature on some high-end camcorders and as a separate video component, often combined with a video editing console.

chrominance: A signal that carries the color information needed to produce a color picture; it is added to the luminance signal.

comb filter: A circuit used in some TV's to improve separation of the luminance and chrominance signals, which results in a sharper picture.

component TV: A videophile system that consists of separate, high-quality components: a video tuner for receiving and switching channels, a video monitor for displaying received channels, and shielded speakers. Its popularity has waned with the advent of high-quality monitor/receivers.

convergence: A specification that rates how well the three scanning electron beams used to produce a color television picture are aligned; misaligned beams degrade the quality of the picture.

CX (compatible expansion): A compression-type audio noise-reduction system used in the manufacture of some laser videodiscs. Loud portions of the soundtrack are encoded softer and soft portions louder; the process is reversed during playback.

dbx: In video, the noise-reduction system used by MTS/SAP stereo-TV decoders, which takes the compressed audio signal that is broadcast and expands the signal to its original dynamic range.

Dolby: An audio noise-reduction system used on some earlier model VCR's to reduce noise on the linear-stereo track.

dropout: Video noise ranging from horizontal streaks to a momentary absence of the picture; caused by damaged or dirty tapes.

8mm: A videocassette format using tape that is 8 millimeters wide (about 1/4 inch).

ED (extended definition) Beta: A refined version of the Beta format that delivers about 500 lines of horizontal resolution.

EP (extended play): See *SLP*.

field: One-half of a conventional television picture. Two fields are interlaced to form one frame (one complete picture).

FM (frequency modulation): A method of adding a signal to the carrier signal by changing the carrier's frequency; used in broadcasting the audio portion of television signals.

footlambert: A measurement of light that is emitted or reflected from a surface. Used to rate the brightness of projection TV sets; the higher the rat-

ing, the brighter the picture. A rating of more than 300 footlamberts is considered very good in rear-projection televisions.

frame: A complete television image consisting of two fields; the American NTSC broadcast system scans 30 frames per second.

frame advance: A special-effects feature found on VCR's, used to scan a tape frame by frame.

freeze frame: A VCR special effect that stops on-screen action and "freezes" a video frame.

ghosting: A TV reception problem that occurs when the antenna picks up the original TV signal along with duplicate signals that are reflected by tall buildings and other similar obstacles. The result is multiple images, which are most noticeable around the edges of objects.

HDTV (high-definition television): A future TV system that will produce motion-picture-quality video in the home.

hi-fi: In video, the hi-fi designation with Beta- or VHS-format VCR's refers to high-quality stereo sound with specs that fall just short of those for a compact disc player.

horizontal resolution: A rating of the fine detail of a TV picture; it is measured in lines. The more lines, the higher the resolution and the better the picture. A standard VCR produces 240 lines of horizontal resolution, while about 430 lines are possible with Super VHS machines; a standard TV displays 330 lines.

interlace scanning: A scanning process used in most television sets in which odd- and even-numbered lines of a picture are transmitted consecutively as two separate fields and superimposed to create one frame or complete picture on the TV screen.

LaserDisc: Pioneer's trademark for its videodiscs. (See *videodiscs*.)

linear stereo: An early method of improving VCR sound that has largely been replaced by the more sophisti-

cated—and better sounding—hi-fi technique; also called Dolby stereo.

LP (long play): The middle record/play speed for VHS-format VCR's, providing average picture quality.

lumen (lm): A specification that rates the amount of light output measured at the light source.

luminance: The part of a broadcast TV signal that causes a television's circuitry to vary light intensity from white to black with many shades of gray in between. This signal alone creates the picture on a black-and-white TV set; a color picture is produced when a chrominance signal is added to the luminance signal.

lux: A unit of measurement used to rate the amount of light needed by a video camera or camcorder to record a recognizable image; the lower the spec, the better. Although ratings are typically given in the 7- to 15-lux range, most video cameras and camcorders require over 100 lux to produce a bright, good-quality picture.

macro: A close-up lens found on camcorders that is accessed by pushing a button.

monitor: A separate video component that houses a picture tube and its accompanying electronics; it must be connected to a video tuner, VCR, or computer to display images.

monitor/receiver: A video monitor with a built-in video tuner and at least one speaker; it usually has RCA-type video inputs and outputs for connection to a VCR, videodisc player, and other audio- and video-based components, avoiding the need for signal-degrading conversion of standard RF (antenna) signals.

MTS/SAP (multichannel television sound/separate audio program): A process used for decoding the audio portion of stereo TV broadcasts (MTS) and an additional, mono audio track (SAP), developed by Zenith and dbx. Some VCR's and TV sets have MTS/SAP decoders built into them; others have MTS/SAP jacks on their back panels for connection of outboard decoders. Most broadcasters rarely use SAP.

noninterlace scanning: A digital-based process used in some newer, high-end television sets to produce a sharper picture; transmits lines in sequence rather than alternating between odd- and even-numbered lines.

NTSC (National Television Standards Committee): The name for the standard television broadcasting system used in the United States; it produces 330 lines of horizontal resolution on the TV screen.

PAL (phase alternation by line): The name for the television broadcasting system used in parts of Europe.

programming: A feature found on all VCR's that allows the user to set an internal timer for unattended recording. A VCR can be set to record from one or several channels and on one or several days; average VCR's can be programmed to record from two to eight shows over a period of seven to twenty-one days, and more expensive VCR's can be programmed using the unit's wireless remote control as instructed by on-screen displays or using light pens and bar-codes or other similar systems.

projection TV: A large-screen television that uses a special optical apparatus to project images onto a screen or wall. Screen sizes of the more common rear-projection sets range from 36 to 60 inches.

RF (radio frequency): Frequencies over 10,000 Hz.

RGB (red, green, blue) input: A special input found only on high-end video monitors and monitor/receivers for direct connection of a personal computer; because it bypasses much of the video component's internal circuitry, using it dramatically improves horizontal resolution.

SAW (surface acoustic wave) filter: A device used in TV's and monitor/receivers to eliminate adjacent-channel interference.

scan: Also called search, this VCR feature enables the user to fast forward or rewind a videotape with a visible image; the soundtrack is inaudible during scanning. Some VCR's provide

variable scanning speeds.

SECAM (système électronique pour couleur avec mémoire): The French name for sequential color memory, the standard television broadcasting system used in parts of Europe and other parts of the world.

simulcast: Also known as FM simulcast, this VCR feature enables the user to record the audio signals from a connected FM tuner or audio receiver onto a videotape. Due to the growing popularity of components equipped with MTS/SAP decoders and of stereo TV broadcasts, simulcasting is now an uncommon feature.

slow motion: A special-effects feature found on some VCR's that allows users to view images in slow motion without sound. The slow-motion speed is often variable, and it can be used in conjunction with freeze-frame and frame-advance features to locate and study segments of a program.

SLP (super long play): The slowest record/play speed for VHS VCR's, providing the poorest picture quality; also known as EP (extended play).

snow: A type of video noise or interference that typically appears on the TV screen as white specks; usually the result of a weak TV signal.

SP (standard play): The fastest record/play speed for VHS VCR's, providing the best picture quality.

splitter: A device used to split an incoming RF signal and route it to at least two video components.

stereo-ready: A VCR or TV that has a jack on its back panel for connection of a component MTS/SAP decoder.

stereo TV: A TV set or monitor/receiver that is capable of receiving and displaying programs broadcast with stereo soundtracks; it must have a built-in MTS/SAP decoder plus a stereo amplifier and at least two speakers.

SuperBeta: An early refinement of the Beta video format that delivers about 300 lines of horizontal resolution; variations, using different circuitry for higher horizontal resolution, in-

ABBREVIATIONS

AC—alternating current
AFM—audio-frequency modulation
AFT—automatic fine tuning
amp—ampere
A/V—audio/video
C—chrominance
CATV—cable television
CCD—charge-coupled device
ch sep—channel separation
C-MOS—complementary metal-oxide semiconductor device
CRT—cathode ray tube
CX—compressor/expander (noise-reduction system)
D/A—digital-to-analog
dB—decibels
dbx—dbx noise reduction
DC—direct current
ED Beta—extended-definition Beta
EP—extended play (same as SLP)
f—f-stop
fl—footlamberts
FR—frequency response
HQ—high quality
Hz—hertz
imp—impedance
LCD—liquid-crystal display
LED—light-emitting diode
LP—long play
MHz—megahertz
MOS—metal-oxide semiconductor
MOSFET—metal-oxide semiconductor field-effect transistor
MPX—multiplex
MTS—multichannel television sound
mV—millivolts
NiCad—nickel-cadmium
PLL—phase-locked loop
RGB—red-green-blue
RF—radio frequency
RMS—root-mean-square
SAP—separate audio program
SAW—surface acoustic-wave (filter)
sens—sensitivity
SLP—super-long play (same as EP)
S/N—signal-to-noise ratio
SP—standard play
SPL—sound-pressure level
S-VHS—Super Video Home System
THD—total harmonic distortion
TTL—through-the-lens
UHF—ultra-high frequency
V—volts
VASS—VHS address search system
VCR—videocassette recorder
VHF—very-high frequency
VHS-C—Video Home System-Compact
VISS—VHS index search system
W—watts
wrms—weighted-root-mean-square
Y—luminance

clude Super High-Band Beta and ED Beta.

Super VHS: A refinement of the VHS video format that delivers between 400 and 450 lines of horizontal resolution; also called S-VHS.

surround sound: An audio system that extracts rear-channel information from specially recorded videotapes and discs. Surround-sound systems require a decoder—sometimes built into an audio receiver or VCR but also available as a separate component—and at least four speakers; a fifth speaker can be installed on top of the TV for centering dialogue.

switcher: A component that facilitates the interconnection of several video sources in one system.

time shifting: Recording a TV program for later viewing.

UHF (ultra-high frequency): Television signals located on channels 14 to 88 on standard video tuners.

VCR: Videocassette recorder.

VHF (very high frequency): The standard television signals located on channels 2 to 13 on typical video tuners.

VHS (Video Home System): A videocassette format developed by JVC in 1977. It uses half-inch tape contained in cassettes that are slightly larger than Beta cassettes.

VHS-C: A subformat of the VHS video format using standard half-inch videotape encased in "compact" minicassettes; currently, the format is used only in camcorders. VHS-C tapes can be played back in standard VCR's with an adaptor.

VHS HQ: Circuitry for a subtly enhanced, "high quality" picture included in most new VHS VCR's. There are actually four different types of circuits, although many VHS HQ units, especially less expensive ones, incorporate only two of the four.

videodisc: A medium that stores information on a disc; picture and sound data is retrieved from the disc by a laser pickup in a videodisc play-

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er. Disc sizes include 5, 8, and 12 inches.

video dubbing: The transferring of video images from one video source to another; sources providing the images to be dubbed include camcorders, TV's, and VCR's.

video heads: Similar to the heads in an audio cassette deck, video heads are used to record and "read" video signals on a videotape. Basic VCR's use two heads; more expensive models have three, four, five, or even six. The extra heads are used for hi-fi sound and to improve the quality of special effects—such as slow motion—and that of slow-speed recording.

video input: A jack found on high-quality TV sets and monitor/receivers used to connect a video source, resulting in the best possible picture quality from that particular combination of components; always located on the set's back panel, although many monitor/receivers include an additional set on their front panels for easy connection of a second component, such as a camcorder.

video processor: A component, also known as a signal processor, generally used to prevent signal loss when dubbing tapes from one VCR or camcorder to a second VCR. Some models can also be used to add special effects to a previously recorded tape.

video S/N (signal-to-noise ratio): A specification that rates the amount of video noise—"snow" or a generally grainy texture—in a picture. Ratings of 38 to 42 dB are typical; those above 45 dB are excellent.

video tuner: A separate video component that contains circuitry needed to tune television channels; it typically is connected to a video monitor.

viewfinder: The part of a camcorder or video camera used to view the subject being recorded; electronic viewfinders are superior to the optical kind because they display the shot as it will appear upon playback.

white balance: A control on camcorders that adjusts for varying light sources to produce accurate color; automatic on some models. □

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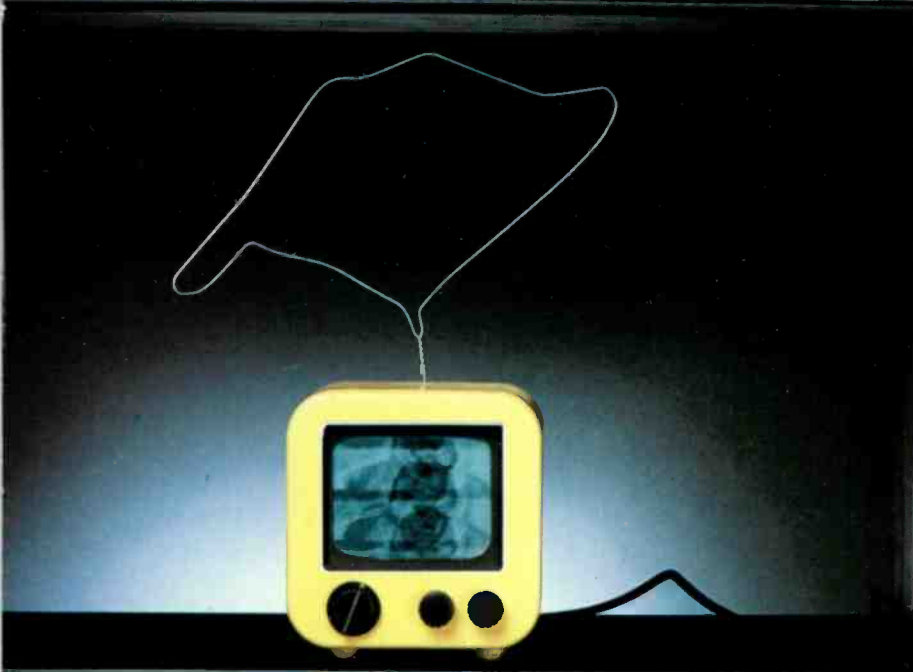
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