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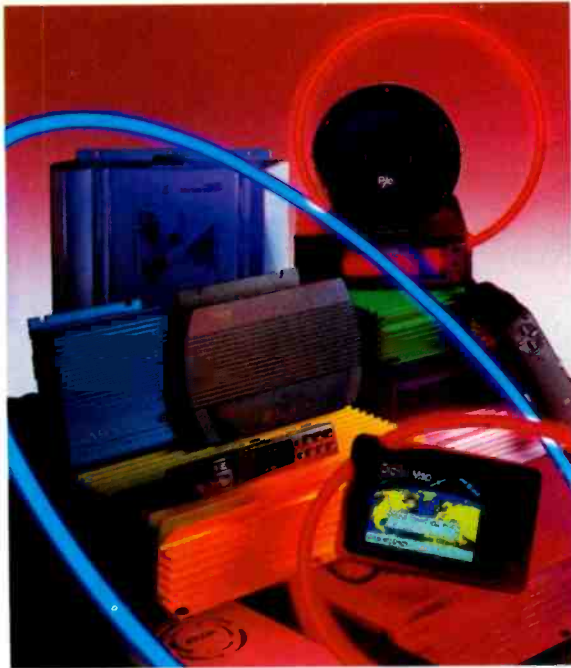
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Pioneer's Premier KEH-P770
with a dozen preset buttons,
page 28



20th Annual Car Stereo Directory, page 37

auricle

BEYERDYNAMIC IRS 790 EARPHONES Edward M. Long. . . . 32

car stereo directory

- DCC & MD PLAYERS 37
- AMBIENCE & SURROUND SOUND PROCESSORS 38
- AMPS/EQUALIZERS 41
- RADIOS/ANALOG TAPE PLAYERS 60
- CD CHANGERS & D/A CONVERTERS 69
- IN-DASH CD PLAYERS 72
- SPEAKERS 75
- COMPANY ADDRESSES 127

departments

- FAST FORE-WORD Eugene Pitts III. . . . 4
- SIGNALS & NOISE. 6
- AUDIOCLINIC Joseph Giovanelli. . . . 12
- AUDIO ETC Edward Tatnall Canby. . . . 14
- BEHIND THE SCENES Bert Whyte. . . . 17
- WHAT'S NEW. 22
- ROADSIGNS Ivan Berger. 28

The Cover Equipment (clockwise from top right): Pyle NW162 speaker; Pioneer ODR cassette/tuner; Linear Power 652IQ; Pioneer ODR remote; Linear Power 4253IQ; Linear Power 1502IQ; Sony NVX-F15 navigation system; Linear Power 8002SW; Adcom GFA-4304; Linear Power 2502IQ; Alpine 7982 FM/AM/CD; Jensen A82; Advent PA415, and Precision Power A 300 W. The Cover Photographer: Bill Ashe Studio

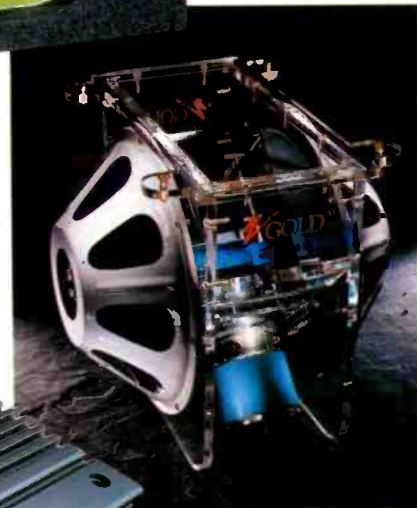
Audio Publishing, Editorial, and Advertising Offices,
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MTX subwoofer with mysterious glow, page 22

Phoenix Gold subwoofer with mysterious motion, page 24

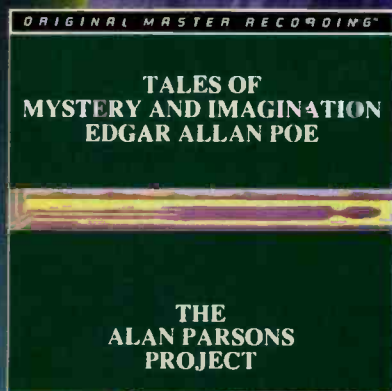


Blaupunkt amp with mysterious Hush, page 26

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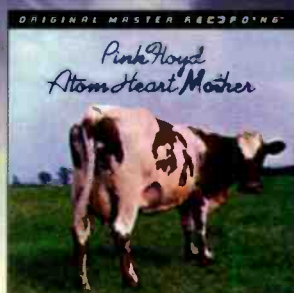


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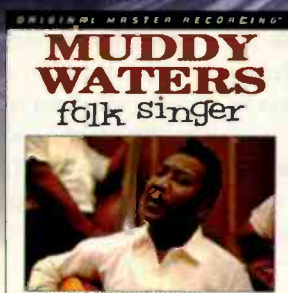
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Back in the September 1993 issue, I wrote about how equipment gets to have a certain price and quoted extensively from a conversation I'd had with Ken Kantor, speaker engineer and founder of Now Hear This, one of the more interesting speaker manufacturing firms. The essence of that editorial concerned pricing based on a bill of materials versus pricing based on overhead. Firms that use the first method usually sell a lot of units, so that labor—say, engineering—is a small part of the unit price. Low-volume companies trying to make small numbers of a cutting-edge product often find that labor is a great portion of their basic bill.

I recently returned from Japan, where I visited the Fukushima plant of Matsushita, the parent of Technics and Panasonic. Now, Matsushita is one of the world's largest electronics firms, so it is interesting to examine their vision of what it takes to be competitive.

This Fukushima plant is one of three Matsushita audio factories in Japan and employs about 700 people who, with help from some 800 industrial robots, manufacture Technics and other lines of electronics. Indeed, Matsushita's vision of what it takes to be competitive is so integrated that they even make the robots and the parts the robots insert into p.c. boards.

The capacity of this plant was such that they were making 1,500 units of a fairly large-scale amplifier per day. This

production rate says something about the rate of sale of these amps; in a word, rapid. One of the production engineers said that all the units of all the models made in the Fukushima plant from 1983 through October 1993 would total some 10 million pieces.

The robot insertion machines are fascinating to watch, as they are many times more rapid in their job than the most skilled of human board stuffers. Further, they are much more accurate; some of these machines were using lasers for guidance, a feature I don't remember seeing before. In addition to putting parts into hole-through boards, the robots did surface mounting as well. My favorite, a type found in many factories, shakes screws up a forked inclined ramp to a point where they are taken off, one by one, and, for example, used to screw p.c. boards to chassis. The prices on such machines, I'm told, begin at about \$250,000 and go up depending on complexity.

How good are these machines? I was told that they were about 99.9+% accurate, on average. I had pointed out to me a percentage-accuracy readout present on each machine, and most of them read "100%." I'm pretty good with a soldering iron, but I made more mistakes than that on every kit I ever made. There was one guy near the end of the line whose job it was to do touch-up solder work. He had done three the day before I visited, and the high number for any one of the 10 days prior was seven on some 8,000 boards.

Clearly, this isn't the only way to make electronics, but it is used by one of the big guys to stay competitive price-wise. Now, maybe you don't care how much your next amp will cost, but a lot of people do, so that this is one area where machine-made is definitely better than handmade.

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AUDIO, May 1994, Volume 78, Number 5. AUDIO (ISSN 0004-752X, Dewey Decimal Number 621.381 or 778.5) is published monthly by Hachette Filipacchi Magazines, Inc., a wholly owned subsidiary of Hachette Filipacchi USA, Inc., at 1633 Broadway, New York, N.Y. 10019. Printed in U.S.A. at Dyersburg, Tenn. Distributed by Warner Publisher Services Inc. Second class postage paid at New York, N.Y. 10019 and additional mailing offices. Subscriptions in the United States, \$24.00 for one year, \$42.00 for two years, \$58.00 for three years; other countries except Canada, add \$8.00 per year; in Canada, \$32.00 for one year (includes 7% GST; Canadian GST registration number 126018209).

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Sure, it's nice to be hailed as a "benchmark." But what, exactly, does that mean? Well, let's read the quote in context:

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— STEVEN STONE, STEREOPHILE, VOL. 17 NO. 3, MARCH 1994

But what did surprise us, as well as flatter us, was being thrown into the ring with \$12,000 monoblock behemoths. The result of this apparently absurd comparison? Not carnage, but rather: "...the Parasound HCA-2200" gives them all a run for the money, and even beats 'em in flexibility and price." He continues, "...a pair of HCA-2200"s performed with Apogee full-ranges on a par with a pair of Boulder 250 AEs and four VTL Deluxe 300 amps. Dynamic impact and attack were excellent... Compared to the VTL300, the HCA-2200" had a greater sense of extension..."

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Man Bites Digital Naysayer

Dear Editor:

This letter is in response to Keith Mackenzie's letter, "Man Bites Digital," in the August 1993 issue. Mr. Mackenzie says we should forget about Compact Discs and invest in vinyl records. I feel the opposite is true for several reasons.

Even though I admit that not all CDs live up to what was promised in 1982 ("perfect sound now and forever"), if they are recorded well they sound much better than an equally well-recorded LP. This is especially true with "audiophile" CDs like those of Mobile Fidelity, Sony Master-sound, and Audioquest. I dare any digital naysayers to take a blind test comparing any of these audiophile CDs with their vinyl counterparts. The result will be that they will like the digital version better. You can even take an audiophile LP, and it still won't be half as good as a CD; you will still have the same old surface noises and inner-groove distortion.

Mr. Mackenzie also says that LPs capture the warmth and soul the performers intended, and he warns that musicians may become obsolete, with computers taking over the making of music. I couldn't agree more that computers should not make the music, but saying that only analog captures the musicians' souls doesn't make any sense at all. If you want their souls to live on forever, you should invest in the Compact Disc, because it is a no-wear medium. But if you want their souls to wear away, then buy LPs, because the souls will indeed wear away with the records.

*Martin Melucci
Lodi, N.J.*

Second Man Bites Technophobes

Dear Editor:

I feel compelled to respond to Keith Mackenzie's letter regarding the sound of digital audio. Mr. Mackenzie says "... analog produces a warmth and soul to music that continues to be lacking in the computerized digital format." He goes on to say, "If we are not careful, musicians will become

obsolete as computers fully take over the actual making of music. . . ." Finally he says, "Apart from love and fear, music is probably the most impact-producing thing we experience. . . ."

I can appreciate Mr. Mackenzie's feelings on the emotional impact of music. It is one of the few things besides real sadness that can, on rare occasions, bring tears to my eyes. However, I think it is important to distinguish between euphonic distortion that enhances the sound of music (e.g., analog) and accurate reproduction (e.g., digital). If Mr. Mackenzie's audio system sounds better with analog sources, it is probably because his speakers have a peak in the high-frequency range that makes them sound overly bright with digital sources but just about right with analog sources.

Mr. Mackenzie has unwittingly zeroed in on the real reason for the continued and ardent objections so many have for digital audio. It is not the sound quality but the philosophical objections some have to the "cold, unfeeling computer," which is an inseparable part of digital audio. Some may wonder how music can be converted into numbers, processed by a computer chip, and then converted back to music without losing the very essence of the music! For many, these strong beliefs can overwhelm subjective experience, leading to highly inaccurate evaluations of digital audio.

I have seen too many sci-fi movies and TV shows over the years that portray computers taking over the world, and then turning the world into a nightmare with their lack of understanding and emotion. But just as biological scientists have not created the monsters portrayed in early sci-fi movies, computer scientists will not create computer monsters, nor will computers somehow manage to remove the emotion and impact of music. After 10 years of consumer digital audio, I believe that this format has proven beyond any doubt that it is capable of accurately reproducing music, complete with all the emotional impact.

*Chuck Butler
Kalamazoo, Mich.*

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Third Man Bites Passive Listeners

Dear Editor:

This is in response to Keith Mackenzie, whose argument against digital music reproduction concludes with these sentences: "Apart from love and fear, music is probably the most impact-producing thing we experience. In order to retain the emotion quotient, let us not do away with the human element, for fear of losing part of our souls." Although I might expand "impact-producing" beyond love and fear, I wholeheartedly agree with these two sentences.

For the anti-digital purpose of that letter, however, Mr. Mackenzie should have ended the last sentence with "...for fear of losing *more* of our souls."

I have read other audio magazines that span the range between consumer- and audiophile-oriented (e.g., *Stereo Review* and *Stereophile*). I perceive my own orientation to be somewhere in between, and I find something in each publication that is thought-provoking and enhances my appreciation of music. However, I grieve at the humanity and the soul that are lost in

passive music appreciation, whether it is live or recorded (analog or digital).

My most memorable passive experiences pale next to even mediocre jams with other musicians, whether in a chamber music quartet or a jug band duo. People who don't actively play a musical instrument in as wide a variety of participatory contexts as they do when passively listening to music cannot possibly understand the contribution that music can make to our humanity and to our souls (yes, get a rack and play harmonica while you're driving the carpool to work). There is no one way that music does or can impact our lives. So, digital versus analog has less to do with hu-

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manity and soul than does a passive versus a participatory role in the musical experience. Listening to another musician on a recording can be a very powerful learning experience that can subsequently enhance a musical collaboration with another human being. Technology can contribute to, but not replace, that kind of music appreciation.

"Which technology" or "how much technology" are certainly issues in music appreciation, and magazines like *Audio* play a very useful role in helping individuals make those kinds of decisions. However, our culture has lost more humanity and soul by not *participating* in the creation of music—much more than can be explained by a 44.1-kHz digital sampling rate or boomboxes.

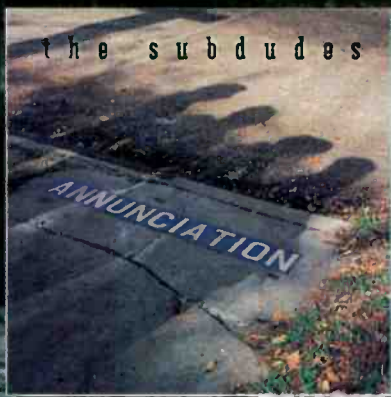
The reason I grieve is that as a professor at a medium-sized private university, I encounter a large number of young people each year who have no perception of music beyond passive, commercial music. The profound tragedy is that the vast majority of these young people think passive music appreciation is the epitome of music's ability to contribute to their own humanity and soul!

Mike Nilan
Syracuse, N.Y.

AUDIO/MAY 1994

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Two Power Amps, One Pair of Speakers

Q *At present, I manually connect either one of two power amplifiers to my main pair of loudspeakers. My desire, however, is to leave both power amplifiers connected to this loudspeaker pair so that I will not have to tediously disconnect and reconnect wires. Will this cause problems as long as I have only one power amplifier operating at a time?—Edward Claymore, San Francisco, Cal.*

A Even if you operate just one amplifier at a time, you're still likely to damage both amps. If both are connected to the same pair of speakers, their outputs are effectively connected to each other. Signal power from whichever amp is operating not only will drive the speakers but will also "drive" the other amp. With the low impedance of the other amplifier's output stage in parallel with the speakers, the load will almost certainly be lower than the minimum load called for by the driving amp. Conceivably, the power fed into the other amp could damage this amp as well.

Faced with this problem, I would wire relays (with contacts rated to handle at least 5 amperes) to disconnect each amplifier's output from the speakers unless that amp was on. Of course, if you turn both amplifiers on, they will be connected to the same speaker pair again. So if you have some unused contacts on your relays, wire the normally closed contacts from amp A's relay in series with the speaker terminals from amp B, and vice versa. Thus, if both relays are closed, both amps will run with no load. This is preferable to having both amps connected to one pair of speakers.

It's probably easier to make or buy a switch box with which you can select the amplifier that will feed the speakers. The speakers would be connected to the wipers, or arms, of the switch poles, and the stationary contacts would be connected to the appropriate amplifiers.

Whether you use relays or a manual switch box, you may not need to switch both terminals of each speaker. This de-

pends on whether both power amplifiers have common-ground output terminals.

If your speakers' impedance is low and you need considerable amplifier power, keep in mind that the resistance of the switch contacts will, to some extent, reduce the damping factor.

Digital Loudspeakers

Q *What is the difference between "digital loudspeakers" and the ones we have used for so long? Will digital loudspeakers improve, or should I buy now?—Donald Coleman, Ventura, Cal.*

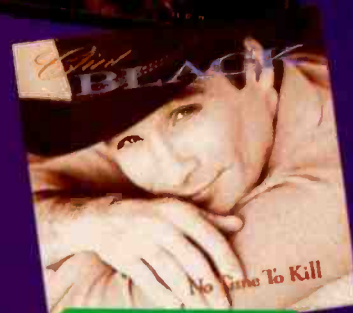
A Loudspeakers are still analog devices, turning an analog signal from the amplifier into sound waves. For the most part, at least for the next few years, the "digital" label is the manufacturer's way of saying that the speaker can handle the wide dynamic range and frequency response often found on digital recordings—i.e., that he considers the speaker pretty good, or wants you to consider it that way.

There are one or two models of speakers that accept digital signals. But the "digital" parts of these speakers are D/A converters which feed analog signals to analog amps that drive the (still-analog) speakers.

I see no need to wait if you are ready to purchase new transducers—loudspeakers or headphones. Whether or not the loudspeaker is labelled "digital," "digital ready," or whatever, listen to it before buying it, using program sources with which you are thoroughly familiar. Just be sure you use some demanding material; you do need to know that your new purchase is capable of performing the way you need it to. And remember, no matter what you buy or when you buy it, something else is bound to be introduced that will be even "more perfect" and "more digital." **A**

If you have a problem or question about audio, write to Mr. Joseph Giovanelli at AUDIO Magazine, 1633 Broadway, New York, N.Y. 10019. All letters are answered. In the event that your letter is chosen by Mr. Giovanelli to appear in Audioclinic, please indicate if your name and/or address should be withheld. Please enclose a stamped, self-addressed envelope.

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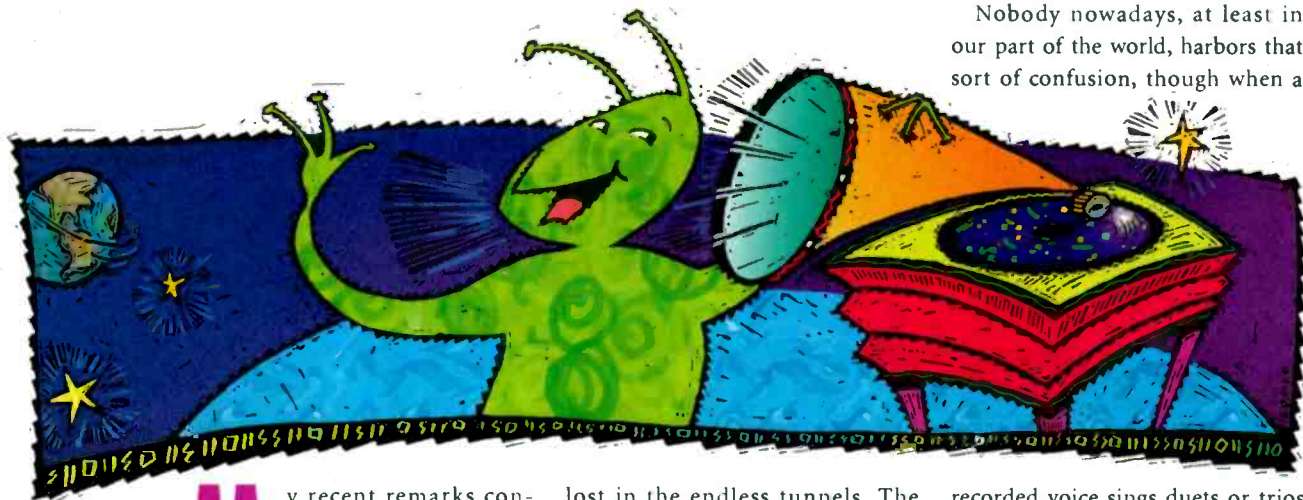
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EDWARD TATNALL CANBY

RADIO DAZE



My recent remarks concerning the pre-loud-speaker days of the 1920s may have seemed a bit frivolous, but you must remember they were observations from childhood, my own—an observant childhood but not exactly authoritative concerning audio. Frivolous or not, there is perhaps a message for you, a look at things as they were at the dawn of our history, straight from this horse's mouth and megabit memory. I have a few more bytes of the same before I get into REAL loudspeakers.

I am still wondering about firsts. I mentioned my first radio (not counting one to follow here), grandpa's long black Atwater Kent (?) with the three tuning dials, headphones, and no speaker. No signal, either. I remember vividly—the earliest memory of all—my first phonograph, which emitted lots of signal. It was a Victrola, but probably not Victor and certainly not yet RCA. Just after World War I? Probably. We had rented a big old country farm house for the summer, the farmer living in its rear quarters, out front a sea of corn stretching to the horizon (my horizon) in long straight rows down which I would run until I was

lost in the endless tunnels. The farmer's kitchen was a very busy place and exactly where a small child just *had* to be—until becoming a pest and a nuisance. My best reason for being there was the Vic, playing all the time, a thing that I could tell was neither a person nor an animal yet could talk and sing. This, of course, I did not question. I could not see where it was—inner vision tells me that it sat 'way high up on some shelf or other—of course! On a waist-high counter top, and I was somewhere down below. I loved that thing. It talked to *me*, it sang for me, and I could understand it. I knew nothing about recording.

One day, when I had demanded "Make it sing that song again!" for the *n*th time, the farmer's wife suddenly had enough. "Young man, if you can't be quiet I'm going to tell it to sing another song you won't like at all." And so she did. I was overwhelmed—it did what you told it to do, that Vic. Early interactive?

It never occurred to me, you see, that the sound I heard was a recording

of an actual human voice. That would have been beyond my understanding. I called it "Victrola music, Victrola talk". As far as I knew it existed on its own, an absolutely primary audio source.

Nobody nowadays, at least in our part of the world, harbors that sort of confusion, though when a

recorded voice sings duets or trios with itself we don't even notice. But similar ignorance, I have to admit, is just as rife, in adults as well as in children.

Have you any idea how little the average person today knows about audio machinery and recording? I tell you, there are times when I can scarcely believe what I am hearing. Abysmal ignorance! Take my sainted

sister-in-law, wonderfully intelligent and understanding in the areas that concern her. She now spends much of her time next to an

ancient kitchen portable tuned to Public Radio. Yes, she can tune and set the volume. Her husband, my brother, has a so-so hi-fi system in his upstairs work room that similarly drones all day on radio. He used to play a few LPs but when his last turntable conked he quit—too much trouble. Now, years later, he has suddenly expressed a wish to hear the old LPs again. His wife, having overheard this, called me covertly, long distance. Should she buy him another "system" (she knows that word) for his birthday to

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put in the living room so he can hear the LPs? I said NO. He never notices stereo (it takes years for him to notice when one speaker dies), and he will just make a nuisance of himself downstairs. What you need is a simple LP player....

At that point the audio fat went into the fire. In moments I was floundering. Player? Turntable? What do they do? It soon developed that she had absolutely no idea as to how an LP plays, except that it needed a "system," whatever that might be. She assumed they would need another "whole system" to put the LPs back on line.

I finally got her to understand that she did *not* need a "system," just a simple attachment, a separate unit to plug into the existing equipment upstairs. Maybe even a used and put-aside player from someone who had converted to CD. (My folks have yet to come to CD.) I expect I have not heard the last of this. Cross that audio bridge when I come to it. So you think my childhood ignorance was profound?

I am bothered by that Kolster radio described in my last column. It was 1923, as I figure it, but it just might be a year or so later. The first radio I ever heard *speak out loud*, obviously from a loudspeaker. Not many battery radios did. Phones. Could Kolster have used 120 volt (more likely 110) house current that early? I remember other radios that were battery powered, and not at all like our console model. They were usually almost buried in surrounding big old B hi-volt batteries and tall flashlight-like A batteries, same low voltage as our little cells but much, much larger. And there were spare batteries, too, plus a constant changing around from one to another to find which was the least discharged. Not so with our Kolster.

It was indeed a battery world then, a world of dry cells as they were usually called; A batteries in particular, 1½ volts, were everywhere. Kids' trains—I had reams of electric track up in our attic. Model T Fords used them to start up, on the BAT position, switched to MAG for running. There were millions of doorbells and office buzzers, at 6 volts and four cells in a cluster. Even a few of what were still called annunciators, after the Victorian mechanical arrangements: A button to press somewhere upstairs, an indicator in the nether or rearward regions. We had one, sort of, a

foot switch under the dining room table, hidden under a large carpet. You buzzed the kitchen when something was needed at the table. Around nine or 10 years old, I knew all about this (and anything else electrical in the house). So when we put on a fancy dinner with guests and I saw my mother's foot begin to weave back and forth under the table while she carried on a learned conversation with a guest up above I would begin to giggle. She never could find the switch, which slid from one spot to another, sometimes helped by naughty little me.

I recall one very odd aspect of "audio" in this early stage that directly impinged on my experience. One of my family's friends did it. Did what? Listened for radio signals from Mars! On a tiny crystal radio. For hours and hours continuously and often a whole night through. Everybody did it.

We all now remember the Martians, but they came later. Earlier on, though, a widely known astronomer had announced to the world that when viewing Mars via a new and larger telescope, there were great canals on Mars, huge waterways, and surely there must be intelligent INHABITANTS who had built those canals. This caused a sensation. In radio's early days that could mean only one thing: These same inhabitants would *right then* be beaming radio signals, intelligence of some sort, straight to us! A thrilling thought. All we had to do was to tune in. And so, things being as they always are, thousands of mainly young people (maybe even a few girls) sat in hideous discomfort day after day to be the first to pick up those Martian signals. A message from outer space, or rather, inner.

On a crystal radio? Don't be surprised. We listen the same way today with whole distant galaxies for our reception.

Our friend, son of family friends, was perhaps in his late teens, a grown-up to me. I could hold his little radio gingerly in my hand, and often watched him carefully move the little cat's-whisker contact over

the surface of the galena crystal to find what was called a sensitive spot. ('Case you didn't know, the galena was a natural detector, if uneven, and could indeed decipher radio signals.) Yes, this time too I was allowed to put on the headphones. Sad to say, I heard nothing from Mars. Indeed

nothing at all. Radio could be frustrating in those times. The overpowering urge to tune in Mars did not last very long. It took entirely too much time and patience and the results were, to say the least, negative. No audio.

I will venture a step farther into the real loudspeaker world before I quit. When I transferred

from one college to another in 1931 I found myself with a roommate, as already noted. The radio phonograph that we rented there was a weirdie. Without a doubt a console by RCA Victor—but a very early model, unlike any I have seen since. For tuning it had a big fat knob that moved sidewise in a large curved slot, an obscene tongue sticking out from a pair of grinning lips. So it seemed to me—you wouldn't believe it if you saw it. WHERE did they get that idea? The speaker wasn't where you would expect, either. Instead, it was somewhere mounted down at the very bottom under a sort of projection on the cabinet that curved outward near the floor. Like the feet of the grinning monster up above? I thought so. The speaker itself did not show, hidden by this execration. How it was mounted I cannot imagine. Yes, this machine was marginally superior to the heavyweight a.c.-d.c. portable I had rented the year before, 1930, but not by much. This one at least had bass—but constantly broken up, thumpy and rattly. *Too much* bass (mostly false) as was the case with most of the early electrics compared to no bass at all in the older acoustic machines. Not much of a bargain, for a while anyhow, the electric phono! But I rather liked that hideously grinning mouth with the tongue hanging out. A



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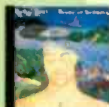
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Had you attended an Audio Fair in those early days, you would have met great hi-fi pioneers like Avery Fisher, Rudy Bozak, Frank McIntosh, Gordon Gow, and Saul Marantz proudly demonstrating their most advanced preamps, amplifiers, loudspeakers, and all the other elements of a hi-fi system. These legendary people invariably played recordings of classical music, especially large-scale orchestral works, because they afforded a more sonorous and complex sound with more dynamic compass and sheer grandeur. Classical music was emotionally involving and a point of reference as close as the nearest concert hall.

It is well known that 95% of today's record market is comprised of music of the pop/rock persuasion; nonetheless, recordings of classical music continue to be used to demonstrate the quality of reproduction available from current audio component systems. Classical music recordings represent a sort of benchmark of audio sound quality and usually embody the most ad-

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vanced technology in digital recorders, microphones, and microphone preamplifiers as well as other elements in the recording chain. Whenever possible, producers and engineers utilize concert halls to record classical music and employ techniques that capture the hall's favorable acoustic properties. The intent is to present as natural and realistic a musical perspective as possible.



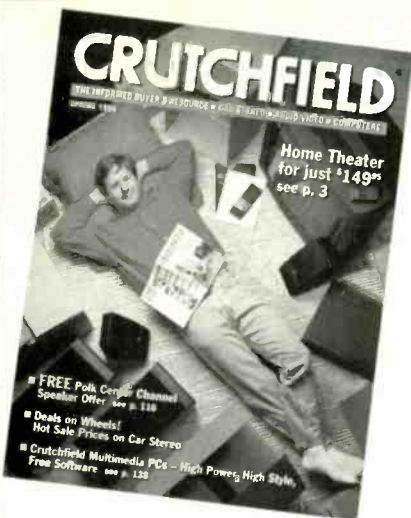
Many people listen to classical music on FM stereo, and in the November 1991 issue I gave a capsule history of FM stereo broadcasting. At that time there definitely were signs that FM stations broad-

casting classical music were in a serious decline. FM radio stations across the country were abandoning classical music and switching to pop/rock or country formats. The stations claimed that they could not make a profit broadcasting classical music, so it was either switch formats or go off the air.

The New York City metropolitan area is a market of 14 million peo-

ple, by far the largest in the country. Yet this huge mass of people could listen to classical music on FM over the limited choices of WQXR (owned by *The New York Times*), WNCN, some intermittent broadcasts on the city-owned WNYC, a few college stations, and occasionally some Long Island, Connecticut, and New Jersey Public Radio stations. What prompted me to report on FM broadcasting of classical music was a story in *The New York Times* not only decrying the limited choice of stations but also, especially, the decline in technical quality and some station's deplorable programming practices. This amounted to a total lack of respect for—and a subversion of—the music, and shameless adoption of what the vulgarizers called a more “upbeat, slimmed-down presentation suitable for

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today's hectic lifestyles." In that November 1991 column, I mentioned the abuses reported in *The Times*. Just to jog your memory, how about no organ music (too funeral) or no slow movements in concertos (they drag too much)!

The culmination of all this appeared in the December 19, 1993 edition of *The New York Times*, in an article headlined "The Day the Music Died." Dennis Hevesi reported that classical music station WNCN-FM was no longer. It was brutally and abruptly changed to WAXQ-FM, heralding the end of Rachmaninoff with a blast of hard rock. It happened without warning; regular devotees of the station were stunned and appalled to find that their beloved WNCN had switched totally to hard rock.



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No less a personage than violin virtuoso Itzhak Perlman was unhappy with the demise of WNCN. "It's ridiculous," he told *The Times* reporter, but noted that WNCN's "heart wasn't in it" for quite a while. "The way they were treating classical music, trying to popularize it, they were sort of excusing themselves away from it." The new station management stated that the change to rock was dictated by "the fact that we were in a market that was limited. We decided to look for a market that was unserved." What was being served, said Bruce Adolphe, music administrator for the Chamber Music Society of Lincoln Center, was "the fast-food, mall mentality of this country." A Long Island musicologist summed it all up by stating that it was

hard to believe that the 14 million people of the New York area could support only one classical music FM station.

Unfortunately, this situation is not confined to New York. Commercial FM stations throughout the country are switching from classical music to rock 'n' roll or are adopting the yuppie-style, condensed and filtered New Wave classical music format.

It is sad to note that there seems to be shift in the cultural winds, accompanied by a pervasive notion that those who aspire to higher standards are somehow flawed and suspect. A sensitivity to—and deep involvement with—great music, art, and literature invites such demeaning epithets as square, longhair, highbrow, hoity-toity, and elitist. It is part of a general put-down of all things bright and beautiful. Whether this negativism reflects the general tenor of the times is hard to judge. I do know that the audio industry is not immune to these influences, and there have been instances where some of the Young Turks have voiced the opinion that classical music is "dead music listened to by old fuds"!

In that 1991 column, I described an alternative way of listening to classical music: Digital Music Express (DMX), a very sophisticated system for delivering CD-quality sound through a typical TV cable system. Essentially, banks of professional CD changers are loaded with thousands of CDs in *every* music category. In the initial implementation, 30 channels of music are available. The DMX system is owned by International Cablecastings Technologies (ICT), which works with Scientific Atlanta (long active in satellite transmission). Scientific Atlanta takes the digital signals from the CDs, then sends the signals to the Satcom F-4 satellite parked in geosynchronous orbit 22,300 miles above the earth. The signal is then sent down to a satellite dish and receiver at the head end of the cable transmission system. From there the music channels are received by the DMX tuner. A remote control selects the various music channels, and then the analog output of the tuner is connected into the consumer's stereo system. From the output of the CD changer in Atlanta on through to the DMX tuner, the signal remains in the digital domain until D/A conversion. Some perceptual coding is used in the digital transmission, but the Scientific Atlanta algorithm is

fairly mild and has no extreme data compression.

That is the basic setup. The DMX system is already operating in many markets across the country and in some European markets. The service became available in my Long Island, N.Y. area about a year ago, and ICT has kindly supplied me with the DMX system.

**DMX HAS WORKED
FLAWLESSLY FOR ME,
AND REPRODUCTION
QUALITY HAS
BEEN EXCELLENT.**

The remote control has all the usual features plus an LCD scrolling screen that provides the music's title, the artist's name, and the CD label and number. The 30 channels are available 24 hours a day, and the music's repetition rate is very low. I have enjoyed some big bands and some jazz, some Sinatra, Streisand, and show tunes, but my main interest is the classical channels. There is one channel for orchestral music and concertos, another for chamber music, and a third for opera. The library is vast, with well over 40,000 CDs of every description. Because I have in my own library a great many of the classical CDs that are transmitted, I know the music and am familiar with the sound quality of the recordings. Thus far, the DMX system has worked flawlessly, and the quality of reproduction has been excellent—frankly, better than I thought would be the case with any perceptual coding. It is fair to say that, for all practical purposes, CD quality is being maintained.

All of this costs the subscriber \$9.95 a month, and the DMX tuner with remote is supplied. In my view, and speaking strictly in terms of classical music, this system is not only an alternative to classical music FM broadcasts but is superior in terms of frequency range, dynamics, and S/N. There is also the immeasurable benefit of no annoying commercials! Further, the DMX system provides access to a vast CD library that is far more comprehensive than those of most FM stations. I heartily recommend the DMX system as a great service. **A**

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THEY'RE ALWAYS DOING
THIS PROBABLY HAS TO
DO WITH THE STEREO.**



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WHAT'S NEW



MTX Bandpass Subwoofer

The MTX BPX8Neon, as its name implies, has yellow neon-tube lighting behind the transparent plastic window to its woofer compartments. There are two 8-inch MTX Road Thunder woofers

enclosure that filters out upper frequencies including distortion products. Specifications include response from 50 to 300 Hz, sensitivity of 91 dB, and suitability for 35 to 100 watts rms (200 watts peak) per channel. Price: \$359.95
For literature, circle No. 100



Advent Signal Processor

The Advent APX7000 combines BBE harmonic restoration with a 12-band equalizer (5 front, 7 rear) and an active crossover. Crossover

filters are 18 dB/octave, with a 90-Hz high-pass and low-pass selectable for 80 or 120 Hz. Amber or green illumination can be selected. Price: \$TK.
For literature, circle No. 103



Kenwood Cassette Receiver

With the KRC-3006, Kenwood blends traditional dual-shaft control design with built-in controls for an external CD changer. The tuner section has an FM sensitivity of 15.2 dBf

for 50-dB quieting, a digital display, and both memory preset and bidirectional-seek tuning. The cassette section has Dolby B NR, and the amplifier section delivers 2 x 15 watts from 30 Hz to 20 kHz at 1% THD. Price: \$239.95.
For literature, circle No. 104



JBL Imaging Processor

The GTP4 Imaging Enhancer, from JBL, extracts ambience information from any stereo signal and allows the listener to vary the amount of

ambience separately for the front and rear speakers. It also synthesizes a center-channel image. The system comes with a wired remote control panel. Price: \$199.
For literature, circle No. 101

Coustic Subwoofer


Coustic's BassPump consists of a pair of woofer drivers feeding one rear-deck vent. The smallest model, the Coustic DR-326, delivers frequency response from 50 Hz to 2 kHz (+0, -3 dB) from a pair of 6 1/2-inch drivers; its top plate measures 6 x 8 3/8 in., with a vent 3 1/2 in. in diameter. Rated sensitivity is 88 dB SPL. Price: \$198.
For literature, circle No. 102





CAN ANY LOUDSPEAKER
EVER DELIVER TRUE
HIGH FIDELITY IN A CAR?

K A R - S E R I E S



An automobile's interior is the worst place for a loudspeaker, bar none. It gets hot and it bounces around. People smoke things in it, leave their dogs in it... and that's not even the worst of it.

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All of this led to the development of the patented Uni-Q® driver, the heart of KEF's new KAR Series automotive loudspeakers. By cleverly placing the tweeter directly at the center of the woofer, KEF's KAR Series lets high and low frequencies reach your ears at the proper time, regardless of where the speakers are placed or where you are sitting.

If you thought true car high fidelity was just an ideal, listen to the KAR Series and hear why KEF are the best drivers on the road.



WHAT'S NEW



Rockford Fosgate Signal Processor

Based on Rockford Fosgate's modular Symmetry system, the Symmetry EPX combines a preamplifier, a crossover, and an equalizer. The preamp section has source selection for two sources, an 80-dB volume control, controls for bass, treble, balance, and fader, and the ability to deliver up to 10 V of output. The three-way active crossover has constant bass at all fader positions and

its settings can be changed from within the car while listening; the EQ has 14 bands (at half octaves below 1 kHz, full octaves above) and 4 presets. All functions can be controlled by a wired remote with a 40-character display and 8 kilobytes of RAM for user settings. Price: Under \$900

For literature, circle No. 105



McIntosh Car Amplifier

Aside from having four channels of 100 watts apiece and running on 12 V d.c., McIntosh's MC431 is said to

be essentially a duplicate of McIntosh's home amps. Protection circuits guard against speaker damage from amplifier clipping, isolate the speakers from turn-on and turn-off transients,

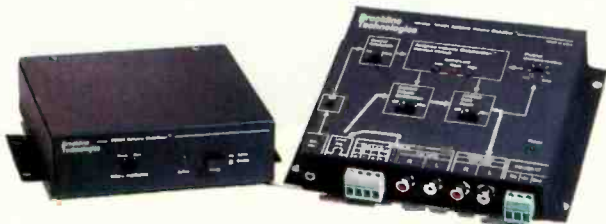
and safeguard the fan-cooled amp from thermal overload. A crossover is built in, and 3- or 6-band parametric equalizer modules can be installed internally. Rated power is reached at 0.005% THD, and S/N is 110 dBA. Price: \$990. For literature, circle No. 108



a/d/s/ Car Speaker

The 325is speaker system, from a/d/s/, includes a 5 1/4 in. woofer with curved copolymer cone, a 1-inch copolymer

dome tweeter with bayonet mount, and a passive crossover with tweeter level and EQ adjustment. Rated frequency response is 50 Hz to 23 kHz, ± 3 dB, and recommended rms power is 15 to 100 watts. Price: \$599 per pair. For literature, circle No. 109



Brookline Technologies Volume Processors

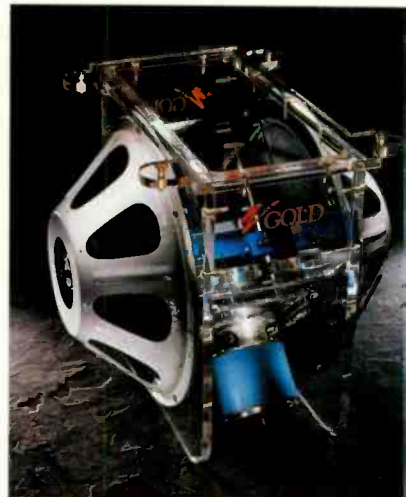
Car noise can drown quiet passages in music and overwhelm bass. The Brookline Technologies VS201A Volume Stabilizer, connected between a CD changer and a head unit, compresses the signal to raise the volume of soft passages and limit excessive loudness. The self-amplified VA522 Ambient Volume Stabilizer,

connected between the head unit and speakers, senses ambient noise levels (with music subtracted from the sensors by a comparison circuit) and dynamically adjust volume and adds bass boost when required. The VS201A accepts preamp-level inputs; the VA521 can accept preamp- or speaker-level signals. Prices: VS201A, \$125; VA522, \$225.

For literature, circle No. 106

Phoenix Gold Subwoofer

Conventional voice-coils don't drive the 15-inch cones of the MDU-15 subwoofer system from Phoenix. Instead, they're driven by a low-inertia, bi-directional, d.c. motor with an actuator that converts its rotations to linear motion; this design is licensed from Intersonics. Claimed benefits include very high output at low frequency and a true 20-Hz cutoff. Price: Under \$3,000. For literature, circle No. 107





Air guitar a little flat?



REMEMBER WHEN YOU WORE BLUE JEANS, had long hair, and played the air guitar? Hi-Fi was fun and music was your passion. Then you became successful and had money to burn. You bought an amplifier that added *warmth*, a preamp with *ambience*, and speakers that gave you *depth*. Isn't it about time you got back to the *music*?

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WHAT'S NEW



Blaupunkt Car Amplifier

New circuit features in the Blaupunkt Velocity V250 amp include Hush noise reduction and THD_i distortion limiting, both developed by Rocktron for professional sound. Hush, which mutes the output softly during signal pauses, is claimed to reduce noise from all

sources by 15 or 20 dB (maximum, 60 dB), with no discernible pumping; threshold level can be adjusted with an optional remote control. The THD_i circuit allows the amp to play cleaner at high volume levels. Rated power of the V250 is 2 x 50 W, bridgeable to 100 W into 4 ohms, 2 x 75 W into 2 ohms, all at 0.1% THD. A variable-frequency crossover, subsonic filter, and high-impedance differential inputs are also built in. Price: \$319.95. For literature, circle No. 111

Aliante Loudspeaker

Designed and built in Italy, the Aliante Model One has a front baffle that's tapered to reduce reflections, rounded to reduce diffraction, and inclined for phase coherence between drivers. The baffle is also 2 1/2 inches thick. Drivers include a 6 1/2-inch polypropylene woofer with a 1 1/2-inch voice-coil and a 1-inch, metal-alloy dome tweeter with double magnets, double compression chambers, and special treatment to reduce the rear wave. The terminal configuration allows bi-wiring and bi-amping. Frequency response is 45 Hz to 32 kHz

(+0, -3 dB), sensitivity is 87.5 dB, and recommended power for



this 8-ohm speaker is 30 to 100 watts. Price: \$3,000 per pair; matching stands, \$675 per pair. For literature, circle No. 112



Autotek Car Amp

Autotek's Model 99 Mean Machine delivers 49 watts per channel into 4 ohms at 0.015% THD, from 20 Hz to 20 kHz. It features controls for input level and for boost of treble (to +12 dB at 12 kHz) and bass (to +18 dB at 45 Hz). All controls and connections are on one panel for simplified installation. Price: \$499. For literature, circle No. 110

Monster Cable Line Balancer

Monster Cable's XL-1 PRO reduces noise in car stereo systems by allowing the use of balanced-line signal transmission between components with

unbalanced output and input. Monster Cable claims 70 dB of common-mode noise rejection for the system and elimination of ground loops between the components the XL-1 PRO



connects. The system includes a transmitter with unbalanced to balanced conversion, an active receiver that converts the other way, and unbalanced interconnects at each of these converters. The balanced cables that go between the transmitter and receiver are not included. Price: \$349.95 per set. For literature, circle No. 114



Rotel CD Changer

The Rotel RCC 940AX is a five-disc, drawer-loading CD changer with bitstream D/A conversion. One or two discs can be changed while another is being played, and the unit

can be controlled from a supplied remote. Among other features are 32-track random-access programming, random play, and repeat of disc, track, or program. Price: \$499.90. For literature, circle No. 113



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with RDS.



Blaupunkt Houston
RCM84, with RDS.

JVC's three-CD
changer/receiver,
the KD-GT7.



There was more new car stereo to see at this year's Winter CES than I've seen in years—probably stuff long in the pipeline but held back until the market improved. My April "Roadsigns" just scratched the surface; here are more highlights:

There's still not much RDS broadcasting, but the system was being pushed at CES (and, more importantly, at broadcasters' conventions). The two companies doing the most to push it are Denon and Delco. Delco will offer RDS-equipped receivers this year for installation by GM car dealers. Denon, meanwhile, is not only making car and home RDS receivers and tuners but is helping radio stations acquire the RDS encoders they need to start

broadcasting the service. To show such information as station name and locations, traffic advisories, and the name of the tune you're listening to, RDS units will need big displays. Blaupunkt's RDS-equipped Houston (\$449.95) takes advantage of that to let users program in a start-up message (they suggest "WARP DRIVE READY") and to let dealers roll a list of features across the display when the unit's still in the store. And Proton, returning to car stereo after a breather, has announced an RDS model the CV-912 (\$400).

EQUIPMENT MAKERS
FROM FOUR COUNTRIES
SHOWED TUNERS WITH
RDS RECEPTION.

Detachable control panels are becoming commonplace in all but the lower price ranges. Several Panasonic models have LEDs that blink red when the faceplate is removed, so even the stupidest thief will notice that there's no control panel. Pulling the button panel from some Mansoor Electronics (MEI) head units reveals a red and white sign saying "Radio Non-Functional." But since this also reveals the CD input jack, and the volume knob is not removed, I suspect the unit can still be used to amplify the sound of a portable, even with the panel section off.

Eclipse has a new anti-theft arrangement, a cute variation on the old secret-code idea. Owners of CD players equipped with the Eclipse Security Network (ESN) system program it with the table-of-contents information on a CD of their choice. If the unit is ever disconnected from the car's battery, it will stop working until that key CD is reinserted. Owners won't have to remember or write down their secret codes, though they will have to remember which CD they used and be sure not to lose or damage it.

If you can't find the key CD to restart the unit, you'll be instructed to call Eclipse, who will tell you to send the unit back for free repair, shipping included. If Eclipse has recorded a warranty card for that unit with your name and address, they'll repair and return it. If you're not in the database, the company will contact the registered owner

and return the player to the police department where the theft was reported—together with your name and address. And,

as an added touch, the players with ESN will also have blinking LEDs to warn thieves off.

It had nothing to do with security, but I saw that Pioneer's KEH-P770,


"Honey,
I'm
home."




Remember being a kid and coming in the door with dirt on your pants and mud on your shoes? Man, oh, man, were you in trouble. Enter the all-new 1994 GMC Sonoma Highrider. You're in trouble again. The new Highrider package is designed to handle the kind of trouble you'll find off-road. It comes with 46mm Bilstein gas-charged shocks and 15" wheels. You sit high. Look good. Ride smooth. (Firm, but smooth.) And with its available 195 HP Enhanced Vortec V6, Highrider is more powerful than anything in its class.* Combine all that with standard 4-wheel anti-lock brakes and it's in a class by itself. But don't take our word for it. Call 1-800-GMC-TRUCK for the name of a dealer and go for a ride. It's no trouble.

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JVC's XL-MG1800
holds 18 CDs.

Eclipse's ECD-415;
the "ESN" stands
for Eclipse
Security Network.



Pioneer doubled the usual
preset-button count on some
models.



DEH-P705, and DEH-P605 have 12 preset buttons instead of the usual six. This would be a boon to those who live in major metropolitan areas or travel a lot between the same few destinations.

More and more head units (even some models with traditional dual-shaft controls) now include CD changer controls, so more and more new changers are being introduced. Most makers emphasize either increased disc capacity (up to 18, for JVC's XL-MG1800) or smaller size. On the small side, Denon's DCH-600 (\$600) five-disc changer is only 7 x 2 x 10 inches, small enough to fit into a DIN slot, if there's sufficient space behind it. Audiovox's P-160 (\$499.95) is very similar in overall size (9⁷/₈ x 2¹/₂ x 6³/₈ inches), but is not configured for use in a DIN slot. Alpine claims their 5960 and 5970 models (which measure 10 x 2¹/₂ x 5⁵/₁₆ inches) are the world's smallest six-disc changers. Since small changers

are likely to be mounted under a seat or elsewhere in the passenger compartment, they've developed a mechanism that changes discs more quietly (and faster) than their previous models. The 5960 is \$420; the 5970, which includes an FM

**TODAY, EVEN SOME
SHAFT-OPERATED UNITS
HAVE BUILT-IN CONTROLS
FOR CD CHANGERS.**

modulator, is \$520. I also note that Alpine's three-CD in-dash unit has some competition from the new JVC KD-GT7.

There was plenty of other news, in processors, amps, and speakers. Some may get covered elsewhere in *Audio*; I'll try to get to the rest in a future "Roadsigns." A



New From Cambridge SoundWorks.

We are pleased to announce three new products designed by our co-founder, Henry Kloss (founder of AR, KLH and Advent). Like all Cambridge SoundWorks products, they are high performance components, well made, and finely finished. They are backed by our 30-day Total Satisfaction Guarantee. Because we sell factory-direct, with no expensive middlemen, you can save hundreds of dollars.

Powered Subwoofer II.

The *Powered Subwoofer II* consists of a heavy-duty 8" woofer in an acoustic suspension cabinet that also encloses a 120-watt amplifier and a variable, low-pass filter. You can add it to any speaker system for the ultra-low-bass



response (primarily below 30 Hz) that is sacrificed for the sake of efficiency in all but the costliest of speakers. *Powered Subwoofer II* adds an extra "punch" to music and to movie soundtracks that is felt, as well as heard. **\$399.**

The Outdoor

The natural, accurate tonal balance of speakers by Henry Kloss can now be enjoyed outdoors: on the patio, by the pool, even on boats.

The Outdoor is a compact, weather-resistant speaker available in two versions: one free standing and one designed for in-wall mounting.

Both versions can be used with their



supplied white cabinet, or you can paint them. *The Outdoor* is a true high fidelity loud-speaker, with wide-range, accurate sound. **\$279 pr.** (Free standing version). **\$329 pr.** (In-wall version.)

Powered Ensemble

This is the most recent addition to our popular series of Ensemble subwoofer-satellite speakers. It consists of a pair of our ultra-compact *Ambiance* two-way



speakers, and our critically acclaimed *Powered Subwoofer* system (with 12" woofer, 140-watt amplifier and built-in electronic crossover). *Powered Ensemble* retains the smooth, natural tonal balance of our other Ensemble systems, but delivers deeper and more powerful bass response. Overall power handling and sound output capability is greater than in any other speaker system we offer. **\$999.** (Speaker stands shown are optional.)

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which hold the earcups, swivel to allow the earcups to fit on your head. The headband tension is moderate, and I found that, if I bent my head forward, the earphones would tend to slip forward. The felt-covered, foam-filled earcushions are $3\frac{5}{8}$ inches in diameter, large enough to completely cover most ears; they didn't seem to be removable for cleaning, though the manufacturer has since told *Audio* that they are. The left earcup has a yellow on/off switch and a red LED to indicate when power is turned on. The right earcup has a three-position switch marked "Mono-L, ST, Mono-R." If you are listening to a multilingual broadcast, you can listen to the left or right channel and select the language you prefer; the normal stereo position ("ST") is the middle position of the switch. Each earcup has a thumbwheel volume control to allow level and balance to be adjusted. The silver lettering on the black plastic earcups is easy to see even in dim lighting. There is a battery compartment on each earcup that takes an AA battery. It is easy to change batteries by snapping off the plastic covers on these compartments. Even with the batteries and the IR receiver circuitry, the headset is no heavier than most other earphones that I have tested; in fact,

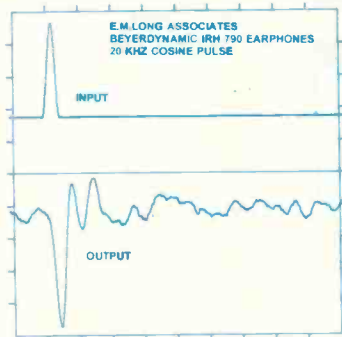


Fig. 1—Cosine-pulse test.

the complete earphones, including the headband, weigh only 285 grams (about 10 ounces).

As usual, I used a listening panel to assess the subjective sound qualities of the beyerdynamic IRH 790 earphones. I asked panel members to rate them and to make written comments while listening to various types of program material and comparing the IRH 790 system to the reference Stax SR Lambda Pro Earspeakers. I then tried to correlate their comments to my

technical measurements.

The beyerdynamic IRH 790 earphones are of the "open" type. Usually, when there isn't a perfect seal between the transducer and the ear, there is less output in the bass range than with sealed earphones. My measurements showed that the output was down about 20 dB at 20 Hz compared with the output at 200 Hz. With my measurement technique, I usually see about a 10-dB difference, so the IRH 790 was down more than normal. Comments from members of the listening panel, such as "moderate bass" and "bass less than reference 'phones," indicate that the bass from the beyerdynamic IRH 790s is good but not exceptional. Because the IRH 790s are an "open" design, there is also very little attenuation of outside sounds, and it is quite easy to carry on a normal conversation while wearing them.

The articulation of voices was judged to be "good," while the sense of presence seemed "similar to reference 'phones" and "adequate" compared to the Stax SR Lambda Pros. The IRH 790 earphones produced a dip in response in the presence range around 3 kHz that was similar to the performance of the Stax earphones, so these comments correlate well with my measurements. It appears that beyerdynamic's engineers have designed the IRH 790 earphones to have a diffuse-field response, although there is nothing in the instruction sheet to verify this.

Comments from the panel about the high-frequency range—such as "subdued but smooth" and "silky"—also correlate well with the measured response of the beyerdynamic IRH 790.

Figure 1 shows the output of the IRH 790 earphones for a 20-kHz cosine pulse input. The output waveform is inverted, indicating that the absolute polarity is negative. Nevertheless, the output is reason-

EARPHONE EVALUATION

PARAMETER	RATING	COMMENTS
Overall Sound	Very good	"Good sound" and "Smooth"
Bass	Good	"Adequate" and "Solid"
Midrange	Very good	"Like reference" and "Good articulation"
Treble	Very good	"Silky" and "Smooth and extended"
Overall Isolation	Low	"Outside sounds are easily heard"
Bass	Low	"Low sounds are easily heard"
Midrange	Low	"Easy to carry on conversations"
Treble	Fair	"Highs reduced a little"
Comfort	Fair	"Slip easily" and "Short-term OK"
Value	Good	"Good value"

GENERAL COMMENTS: Very smooth sound, with reduced upper midrange and a slightly recessed perspective; adequate bass; overall good value.

ably close to that of the input pulse, and comments such as "good transients" and "very good articulation" confirm the excellent high-frequency extension and relative lack of high-frequency time delay. All of the panel members indicated that they could hear a change in the sound when the absolute polarity was switched back and forth, and they were unanimous as to which was the preferred polarity.

My measurements showed a slight difference in output level and frequency response between the left and right channels. However, when the left and right channels were exchanged during the listening tests, the levels seemed to be very similar.

I found the beyerdynamic IRH 790 earphones to be reasonably comfortable for listening sessions of about an hour or so, but they tended to irritate my outer ears when I wore them for longer periods. I like earcushions that completely surround my ears and that produce no pressure on them, but beyerdynamics has sold thousands of units like the IRH 790, so you may not mind them at all.

The listening panel rated the beyerdynamic IRH 790 earphones as "very good" for overall sound quality and "fair" for physical attributes. The sound of the IRH 790 is similar to the sound of the Stax SR Lambda Pros though lacking their open, transparent quality. I recommend the IRH 790s to anyone who wants a high-quality wireless earphone system. I am sure you will be pleased.

Edward M. Long

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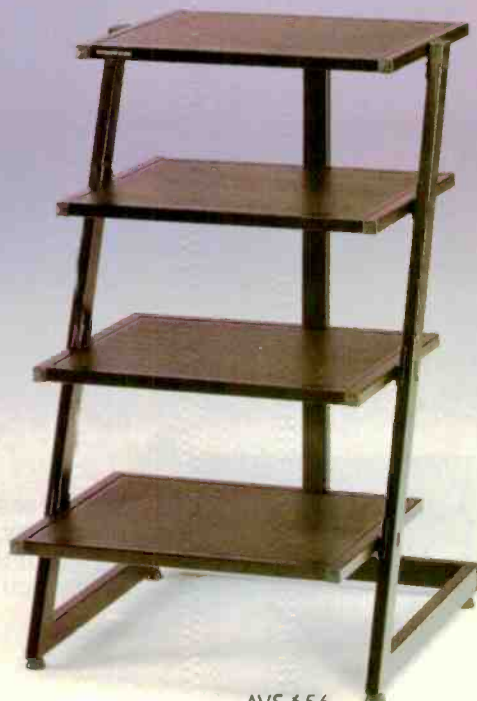


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20th ANNUAL CAR STEREO DIRECTORY

DCC & MD PLAYERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional, (C) = Player Controls Changer	Price, \$	Playback Medium: DCC or MD	Frequency Response, Hz to kHz, ±dB	Dynamic Range, dB	THD at 1 kHz for 0-dB Level, %	Repeat Functions: Disc (A), Track (B), Entire Program (C)	Audible Fast Search?	Controls: Volume (V), Balance (B), Fader (F), Tone (T)	Auto Scan?	TUNER					Notes
											FM Usable Sensitivity, dBf (For -30 dB THD @ 10%)	Alternate-Channel Selectivity, dB	FM Mono S/N Ratio, -dB	Total Number of Station Presets	Protection: Pull-Out (P), Removable Controls (R), Secret Code (S)	
PANASONIC	CQ-DC1	1100.00	DCC	20-22 ±1		0.01	A/B	No	V/B/F/T	Yes	13.2	75		24	R	Dolby B NR on analog; 12-character display.
PHILIPS	DCC-811	999.95	DCC	5-20		0.01	A	No	V/B/F/T	No				30	P	Dolby B and C NR on analog; includes amp, 12 watts x 4; four line outs; tuner includes RDS.
SANYO	MD-300(RI)	999.99	MD												R	In-dash three-disc changer.
SONY	MDX-U1(RIC)	800.00	MD	10-20	90	0.03	A/B	Yes	V/B/F/T	Yes	8	75	70	24	R	
	MDX-100(ROC)	1000.00	MD	10-20	90	0.03	A/B	Yes	V/B/F/T	Yes	8	75	70	30	R	
	MDX-40	1000.00	MD	10-20	90	0.03	A/B	Yes	V/B/F/T	Yes	8	75	70	30	No	
	MDX-400(RIC)	1300.00	MD	10-20	90	0.03	A/B	Yes	V/B/F/T	Yes	8	75	70	30	R	

AMBIENCE & SURROUND SOUND PROCESSORS

MANUFACTURER	Model (RI) - Remote Included (RO) - Remote Optional (C) - Processor Controls CD Changer	Price, \$	Includes Crossover (C), Equalizer (E)	INPUTS & OUTPUTS					AMBIENCE FUNCTIONS					S/N Ratio, -dB, A-Weighted	Mounting: Dash (D), Trunk (T)	Notes
				Digital Inputs?	Number of Analog Input Channels	Number and Use of Outputs - See Code	Number of Preset Acoustic Simulations	Number of User-Set Acoustic Simulations	Adjustment for Listener Position?	Delay Time, ms	Controls: Volume (V), Balance (B), Fader (F), Center-Channel Level (C), Subwoofer Level (S)					
ALPINE	3681	900.00	C	Yes	4	2F, 2B, SW			Yes	0-30	V/B/F/S	102	T	Digital signal processor.		
	3362	1200.00	C/E	Yes	2	3F, 2B, 2S, SW	8	8	Yes	0-100	V/B/F/C/S	102	D/T	As above, nine-band front and nine-band rear graphic EQ.		
	3342(RI)	550.00	C/E	No	4	2F, 2B, 2S, SW	8	8	No	0-100	V/B/F/S	100	D/T	Digital signal processor; BBE harmonic restoration; 11-band graphic EQ; night illumination.		
AUDIOCONTROL	ESP-2(RI)	189.00	E	No	2	†						110	T	Spatial restoration processor (see also "Amps"). †Two front processed outputs, two unprocessed outputs.		
	ESP-3(RI)	299.00	E	No	2	†					C	110	T	Proprietary center-channel processor with spatial restoration (see also "Amps"). †Three front processed outputs, two unprocessed outputs.		
	System 90/Model 11	399.99	C/E	No	2	3F		Var.			B/C	105	D/T	Proprietary soundstage imaging processor; 24-watt center-channel amp; three-band EQ (see also "Amps").		
AUDIOTEK	GE-909	229.95	C/E	Yes	4	2B	7	4	Yes		V/B/F	80	D	Digital signal processor; spectrum analyzer; CD input.		
CARVER/KLW	Windows XA-28(RI)	180.00	C	No	2	3F			Yes		C	95	O/T	Center-channel processor and crossover. Processes ambient information in source material and adds three-band variable boost to it; for low-mounted door speakers. †Two front processed outputs, two unprocessed outputs.		
	Image XA-23(RI)	220.00		No	2	†					V	90	T			
	Cathedral XA-24(RI)	280.00	E		2	†			7-20			85	T	Ambient processing as above; for rear midrange fill. †Two rear processed outputs, two unprocessed outputs.		
CLARION	DSP959E	799.95	E	Yes	2	2F, 2B	8	8	Yes	†	V/B/F	90	D	Digital signal processor. †Initial delay, † to 100 ms; reverb, 0.3 to 10 S.		
	ADCS-1	3499.95	C/E	Yes	2	†	5	5	Yes		V/B/F/S	110	D/T	Digital processor; with head unit (see also "In-Dash CD Players"); crossover up to 14 channels with time delay; six-band, four-channel parametric EQ. †Front and rear, each low, mid, and high; left and right subwoofer.		
CLARK AUDIO	CA-2	800.00		No	2	2B, SW			Yes	†	S	93	T	Delay system. †0.01 to 200 ms.		
ECLIPSE	EQS-2000	900.00	C/E	Yes	2	3F, 2B, SW	12	6	Yes	0-4.8 S	V/B/F/C/S	108	T	Digital signal processor/preamp/parametric and graphic EQ; three digital inputs; digital ambience processing; 12-watt center-channel amp (see also "Amps").		
	EQS-1001	535.00	C/E	No	2	3F, 2B, SW	6	6	Yes	0-4.8 S	F/C/S	90	T	Digital signal processor, controlled by EQR-2140 controller, EDZ-304 radio/tape player, or ECD-413, ECD-415, or ECD-510 in-dash CD players.		
HARMAN KARDON	CSP-1	399.00	C/E	No	4	3F, 2B, 3SW			No				T	Processes ambient information in source material; stage width controlled by head unit's fader; includes level controls for each output channel; variable bass boost; remote on/bypass switch; test-signal generator.		
HIFONICS	Aurora(RI)	1300.00	C/E	Yes	2	3F, 2B, 2S, SW	3	2	Yes	Var.	V/B/F/C/S	†	D/T	Digital signal processor; crossover has speaker time compensation and selectable slope; parametric and graphic EQ; noise gating. †103 dB, unweighted.		
JBL	GTP4(RI)	199.95		No	4	2F, 2B			Yes			100	D/T	Front and rear effects control with independent front and rear bypass; optimizer circuit for large or small cars.		
KENWOOD	KDS-P110	459.00	E	No	2	2F, 2B	9	3	Yes		V/B/F	100	D	Digital signal processor; parametric EQ; compander (see also "Amps").		
PANASONIC	CY-DA2000(RIC)	979.00		Yes		3F, 2B, 2SW	8	4	No	1-370	V/C/S		D	Digital signal processor.		
PIIONEER	DEH-M990DSP(RIC)	950.00	E	Yes	2	2F, 2B, SW	4		Yes		V/B/F/S	94	D	Digital signal processor built into head unit (see "In-Dash CD Players"); parametric EQ.		
PREMIER	DEO-7500	650.00	E	Yes	2	3F, 2B, SW	5	2	Yes	9-205	V/B/F/C/S	†	D/T	Digital signal processor; seven-band parametric and graphic EQ. †Analog, 90 dB; digital, 96 dB.		
SANYO	DSP-01	649.99	C/E		2	3F, 2B, SW	4	6		10-100	V/B/F/C/S	90	D/T	Digital signal processor; five-band parametric EQ; 16-watt center-channel amp.		

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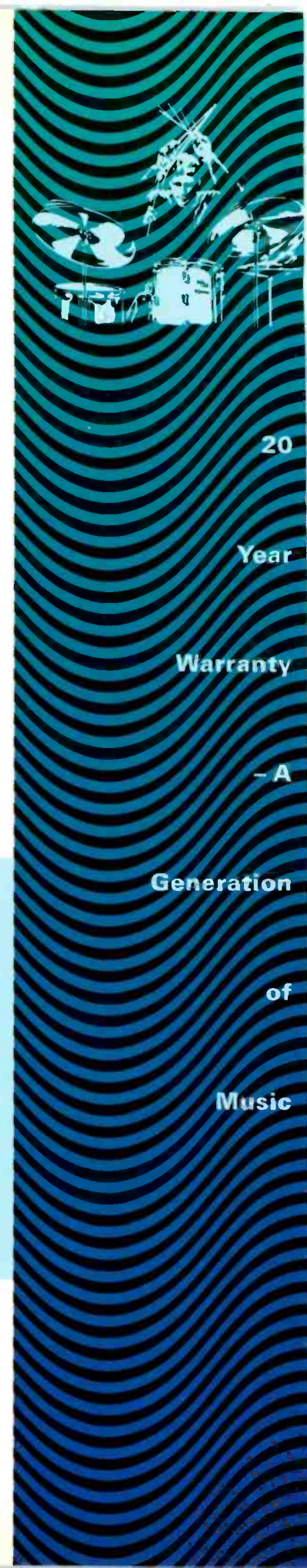


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AMPS/EQUALIZERS

MANUFACTURER	Model	Price, \$	Preamp (P), Amp (A), Equalizer (E)	Number of EQ Bands	Boost/Cut Range, ±dB	S/N Ratio, -dB, A-Weighted	Watts/Channel into 4 Ohms, per EIA-490	Full-Power Bandwidth, Hz to kHz	THD at Rated Output, % per EIA-490	Input Levels: Preamp (P), Speaker (S)	Flader Control?	Includes Crossover?	RCA Input Jacks?	Dimensions, Inches	Notes
ADCOM	GFA-4302	299.95	A			100	30	0.1-50	0.1	P		No	Yes	2 1/4 x 9 3/4 x 10 3/4	Operates into 0.5-ohm load; balanced and unbalanced inputs.
	GFA-4402	399.95	A			100	40	0.1-50	0.1	P		No	Yes	2 1/4 x 9 3/4 x 12 3/4	As above.
	GFA-4304	499.95	A			100	30 x 4	0.1-50	0.1	P		No	Yes	2 1/4 x 9 3/4 x 14 3/4	As above; XLR inputs.
	GFA-4404	749.95	A			100	40 x 4	0.1-50	0.1	P		No	No	2 1/4 x 9 3/4 x 24 3/4	As above.
	GFA-4702	1099.95	A			110	70	0.1-50	0.1	P		No	No	2 1/4 x 9 3/4 x 24 3/4†	As above. †Separate power supply, 2 1/4 x 9 3/4 x 16 3/4.
	GFI-4400	119.95	P/E	1	+8	80				P		No	Yes	1 1/2 x 4 x 7 1/4	RCA to XLR balanced interface; bass EQ; level control; polarity inversion; with crossover, \$189.95.
A/D/S/	215	109.00	A			96	15			P/S		No	Yes		Operates into 2 ohms.
	415	169.00	A			96	15 x 4			P/S		No	Yes		As above.
	425X	349.00	A			105	25 x 4			P/S		†	Yes		As above; bridgeable. †Low-pass filter, adjustable from 40 to 170 Hz; high-pass filter at 170 Hz.
	625X	499.00	A			105	25 x 6			P/S		†	No		As above.
	250MX	449.00	A			115	50			P/S		††	Yes		Operates into 2 ohms; bridgeable.
	450MX	749.00	A			115	50 x 4			P/S		††	Yes		††Adjustable low- and high-pass filters.
	850MX	999.00	A			115	50 x 8			P/S		††	Yes		As above.
ADVENT	APX7000	199.00	E	12	18	85						Yes	Yes	Half DIN	BBE signal processing; four signal processors.
	PA450	379.00	A			95	50 x 4	10-30	0.3			No	Yes	18 x 2 1/4 x 10 1/2	
	PA250	279.00	A			95	50	10-30	0.3			No	Yes	12 3/4 x 2 1/4 x 9 1/4	
	PA415	149.00	A			85	15 x 4	10-30	0.3			No	Yes	8 1/2 x 1 3/4 x 4 3/4	
ALPHASONIK	HGX-2030	165.00	A			95	30	20-20	0.05	P/S	No	Yes	Yes	2 x 7 1/8 x 5 1/8	Bridgeable.
	HGX-2050	199.00	A			95	50	20-20	0.05	P/S	No	Yes	Yes	2 x 7 1/8 x 7 1/8	As above.
	HGX-2075	269.00	A			95	75	20-20	0.01	P/S	No	Yes	Yes	2 x 7 1/8 x 11	As above.
	HGX-2100	349.00	A			95	100	20-20	0.01	P/S	No	Yes	Yes	2 x 7 1/8 x 11 1/8	As above.
	HGX-2150	449.00	A			95	150	20-20	0.01	P/S	No	Yes	Yes	2 x 7 1/8 x 14 1/8	As above.
	HC-4020	165.00	A			95	20 x 4	20-20	0.3	P	No	No	Yes	2 x 7 1/8 x 6	
	HGX-4040	329.00	A			95	40 x 4	20-20	0.01	P/S	No	†	Yes	2 x 7 1/8 x 11 1/8	As above. †High- and low-pass filters.
	CHC-2025	235.00	A	2	+18	106	25	20-20	0.015	P	No	No	Yes	1 1/8 x 5 1/8 x 6	Bridgeable.
	CHC-2050	355.00	A	1	+18	106	50	20-20	0.015	P	No	No	Yes	1 1/8 x 5 1/8 x 7 1/2	As above.
	CHC-2075	425.00	A	1	+18	107	75	20-20	0.015	P	No	No	Yes	2 1/2 x 7 1/8 x 7 1/8	As above.
	CHC-2125	550.00	A	1	+18	108	125	20-20	0.015	P	No	No	Yes	2 1/2 x 7 1/8 x 11 3/4	As above.
	PAS-1060	190.00	A	2		90	60 x 1	15-150	0.05	S	No	Yes	Yes	2 x 5 1/8 x 6 1/2	Mono subwoofer amp.
	FA-100	295.00	A			98	50	5-30	0.01		No	No	Yes	2 1/2 x 8 1/2 x 10 1/4	With clear shell, \$345.00.
	FA-150	395.00	A			95	150	5-30	0.01		No	No	Yes	2 1/2 x 8 1/2 x 12 1/4	As above but \$445.00.
	FA-200	495.00	A			95	200	5-30	0.01		No	No	Yes	2 1/2 x 8 1/2 x 15	As above but \$545.00.
	PMA-2030i	165.00	A			95	30	5-30	0.05	S	No	No	Yes	2 1/8 x 7 1/8 x 5 1/8	Bridgeable.
	PMA-2050i	199.00	A			95	50	5-30	0.05	S	No	No	Yes	2 1/8 x 7 1/8 x 7 1/2	As above.
	PMA-2075iX	249.00	A			95	75	5-30	0.05	S	No	Yes	Yes	2 1/8 x 7 1/8 x 10	As above.
	PMA-2100iX	349.00	A			95	100	5-30	0.01	S	No	Yes	Yes	2 1/8 x 7 1/8 x 13	As above.
	PMA-2150iX	449.00	A			95	150	5-30	0.01	S	No	Yes	Yes	2 1/8 x 7 1/8 x 14 1/8	As above.
PMA-4035iX	299.00	A			95	35 x 4†	5-30	0.05	S	No	Yes	Yes	2 1/8 x 7 1/8 x 12	†Two-, three-, or four-channel operation.	
PMA-4020		A			95	20 x 4†	5-30	0.05	S	No	No	Yes	7 1/8 x 2 1/8 x 5	†As above.	
HCM-25		A			97	25	5-30	0.01		No	No	Yes	2 1/2 x 8 1/2 x 12 1/2	Operates into 1 ohm.	
PAS-1	125.00	P	1	+24	95			0.01	P/S	Yes	†	Yes	1 x 7 x 4 3/8	†Subwoofer crossover with volume control.	
P-2	300.00	P/E	5	12	100			0.01	P	Yes	No	Yes	Half DIN	Parametric EQ; CD and tape inputs.	
PQ-7	150.00	E	7	18				0.02	S	Yes	No	Yes	Half DIN		
PS-7B	207.00	E	7	18				0.02	S	Yes	†	Yes	Half DIN	†Subwoofer crossover. CD and tape inputs.	
ALPINE	MRV-F400	480.00	A			100	†	20-20	0.04		Yes	Yes	Yes	9 1/2 x 2 x 13	†Two-, three-, or four-channel operation; 40 watts x 4 at 12 V, 60 watts x 4 at 14.4 V.
	MRV-F300	380.00	A			100	†	20-20	0.04		Yes	Yes	Yes	9 1/2 x 2 x 10 1/2	†As above but 30 watts x 4 at 12 V, 50 watts x 4 at 14.4 V.
	3566	660.00	A			105	†	20-20	0.08	P		Yes	Yes	10 3/8 x 2 1/4 x 13 3/8	†Three-, four-, five-, or six-channel operation; six-channel mode, 30 watts x 4 and 60 watts x 2.
	3558	1000.00	A			110	30 x 4†	20-20		P		No	Yes	9 1/8 x 2 1/8 x 15 3/4	†Two-, three-, or four-channel operation. Class A.
	3549	500.00	A			110	100	20-20	0.08	††		Yes		10 3/8 x 2 1/4 x 11 3/4	Bridges to 300 watts; operates into 2 ohms. ††Preamp-level input included; speaker-level input available with Model 4311 adaptor (\$25.00).
	3548	320.00	A			106	60	20-20	0.08	††		Yes		9 1/2 x 7 1/8 x 2	As above but 160 watts.
	3547	260.00	A			106	40	20-20	0.08	††		Yes		9 1/2 x 6 1/4 x 2	As above but 120 watts.
	3544	750.00	A			110	150	20-20	0.08	P	No	Yes	Yes	11 1/8 x 2 1/8 x 10 1/4	As above but 400 watts.
	3527S	320.00	A			105	25 x 4	20-20	0.04	P/S	Yes	Yes	Yes	8 3/8 x 2 x 9 1/8	Bridgeable.
	3526	220.00	A			100	20 x 4	20-20	0.04	P/S	Yes	Yes	Yes	7 1/8 x 1 1/4 x 8 3/8	As above; built-in power-line filter.
	3522S	160.00	A			100	30	20-20	0.08	P	No	No	Yes	8 1/4 x 1 1/8 x 5 1/8	Bridges to 80 watts; operates into 2 ohms.
	3513S	120.00	A			105	25	20-20	0.08	P	No	No	Yes	7 1/8 x 1 1/2 x 5 1/8	Bridgeable; operates into 2 ohms.
	3402	500.00	P/E	7	15	100				P	No	No	Yes	9 1/2 x 1 1/2 x 6 3/8	True parametric; four-channel operation.
	3331	260.00	P/E	11	12	100				P	Yes	Yes	Yes	7 x 1 x 5 1/8	Adjustable crossover frequency.
	3319	150.00	P/E	7	12	95				P/S	Yes	No	Yes	7 x 1 x 5 1/8	
3218	150.00	A/E	9	12	95	18		0.04	P/S	Yes	No	Yes	7 x 1 x 5 1/8		
ALTEC LANSING	ALA 40	100.00	A			83	20	10-40	0.05	P/S	No	No	Yes	5 1/2 x 2 1/4 x 9 1/4	Crosswire installation protection.
	ALA 120	200.00	A			83	30 x 4	10-40	0.05	P/S	No	No	Yes	9 1/2 x 2 1/4 x 9 1/4	As above.
	ALA 200	300.00	A			83	100	10-40	0.05	P	No	Yes	Yes	14 1/2 x 2 1/4 x 9 1/4	As above.
	ALA 320	500.00	A			83	80 x 4	10-40	0.05	P	No	No	Yes	18 1/2 x 2 1/4 x 9 1/4	As above; tone controls.
AMERICAN BASS	Bass 100	259.00	A			90	50	20-20	0.05	P	No	No	Yes	2 1/4 x 9 x 7 1/8	Bridgeable; tone control; subsonic filter.
	Bass 150	339.00	A			90	75	20-20	0.05	P	No	No	Yes	2 1/4 x 9 x 10 1/4	As above.
	Bass 300	489.00	A			90	150	20-20	0.05	P	No	No	Yes	2 1/4 x 9 x 13 1/8	As above.
ANNIHILATOR (Continued)	HA-200	179.00	A		+18	95	100	20-20	0.02	P	No	No	Yes	2.5 x 9 x 8.2	Bridgeable.
	HA-400	299.95	A		+18	102	200	20-20	0.02	P	No	No	Yes	2.5 x 9 x 11	As above.

AMPS/EQUALIZERS

MANUFACTURER	Model	Price, \$	Preamp (P), Amp (A), Equalizer (E)	Number of EQ Bands	Boost/Cut Range, ±dB	S/N Ratio, dB, A-Weighted	Watts/Channel into 4 Ohms, per EIA-490	Full-Power Bandwidth, Hz to kHz	THD at Rated Output, %, per EIA-490	Input Levels: Preamp (P), Speaker (S)	Fader Control?	Includes Crossover?	RCA Input, Jacks?	Dimensions, Inches	Notes
ANNIHILATOR (Continued)	HA-800	499.95	A		+18	105	200	20-20	0.02	P	No	No	Yes	2.5 x 9 x 13	As above.
	HA-4100	349.95	A		+18	104	75 x 4	20-20	0.02	P	No	No	Yes	2.5 x 9 x 13	As above.
AUDIO ART	70.2XE	229.00	A	1	18	100	35	2-100	0.05	P	No	Yes	Yes	5½ x 2½ x 7¼	Bridgeable; operates into 2 ohms; no EQ, \$199.00; no EQ or two-way crossover, \$169.00.
	120.2XE	269.00	A	1	18	104	60	2-100	0.05	P	No	Yes	Yes	7 x 2½ x 7¼	As above; EQ/crossover options, \$239.00 and \$209.00.
	200.2XE	379.00	A	1	18	103	100	2-100	0.05	P	No	Yes	Yes	12¼ x 2½ x 7¼	As above; EQ/crossover options, \$349.00 and \$319.00.
	400.2XE	679.00	A	1	18	95	200	2-100	0.05	P	No	Yes	Yes	17¾ x 2½ x 7¼	As above; EQ/crossover options, \$649.00 and \$619.00.
	140.4XE	329.00	A	1	18		35 x 4	2-100	0.05	P	No	Yes	Yes	8¼ x 2½ x 7¼	As above; EQ/crossover options, \$299.00 and \$269.00.
	240.4XE	419.00	A	1	18		60 x 4	2-85	0.05	P	No	Yes	Yes	9½ x 2½ x 7¼	As above; EQ/crossover options, \$389.00 and \$359.00.
	260.6XE	499.00	A	1	18		97	†	2-100	0.05	P	Yes	Yes	Yes	14 x 2½ x 7¼
340.6XE	599.00	A	1	18		95	†	2-100	0.05	P	Yes	Yes	Yes	16½ x 2½ x 7¼	†As above but six-channel, 35 watts x 4 and 100 watts x 2. No fader or three-way crossover, \$519.00.
AUDIOCONTROL	EQL Series II	249.00	P/E	13	12	112			0.005	P/S	No	No	Yes	1¼ x 6½ x 8½	Level-matching preamp; seven-band bass EQ with half-octave spacing, six-band octave EQ for mids and highs.
	EQX Series II	349.00	P/E	13	12	112			0.005	P/S	No	†	Yes	1¼ x 6½ x 8½	As above. †Programmable crossover with Linkwitz-Riley alignment.
	EQQ	349.00	P/E	12	12	110			0.005	P/S	No	No	Yes	2¼ x 6¾ x 9½	Level-matching preamp; independent EQ on four channels.
	EQT Series II	329.00	P/E	30	12	110			0.005	P/S	No	No	Yes	1¼ x 6½ x 8½	Mono, level-matching preamp; third-octave EQ spacing; constant Q.
	ESP-2	189.00	E	3	Var.	110			0.05	P	No	No	Yes	1¼ x 4½ x 5½	Spatial restoration processor (see also "Ambience/Surround"); includes dash-mountable remote control.
	ESP-3	299.00	E	3	Var.	110			0.05	P	No	Yes	Yes	1¼ x 5½ x 7	Proprietary center-channel processor with spatial restoration (see also "Ambience/Surround"); high-pass on center output; includes remote control.
	The Epicenter	199.00	E	1	15	110			0.005	P	No	No	Yes	1½ x 5 x 6	Proprietary bass restoration circuit; includes dash-mountable remote control.
	System 90/ Model 20	549.00	A			100	70	10-50	0.09	P/S	No	†	Yes	12½ x 6½ x 2½	Includes the Epicenter. †Programmable crossover.
System 90/ Model 40	649.00	A			100	40 x 4	10-50	0.05	P/S	No	†	Yes	12½ x 6½ x 2½	Includes the Epicenter. †Two programmable crossovers.	
System 90/ Model 48	699.99	P/A/E	8	12	105	40 x 4	15-20	0.05	P/S	No	Yes	Yes	2½ x 12½ x 6½	Bridgeable; operates into 2 ohms; subsonic filter; separate front and rear EQ.	
System 90/ Model 11	399.99	A/E	3	12	105	24 x 1	15-20	0.05	P	No	Yes	Yes	1¼ x 11¼ x 6½	Proprietary imaging processor with center-channel amp (see also "Ambience/Surround").	
AUDIO GOODS	MOS 2.4	199.00	A		12	80	200	20-20	0.05	P/S	No	Yes	Yes		Bridgeable; operates into 2 ohms.
	MOS 2.6	249.00	A		12	80	300	20-20	0.05	P/S	No	Yes	Yes		As above.
	MOS 4.8A2X	329.00	A		12	80	200 x 4	20-20	0.05	P/S	No	Yes	Yes		As above.
	HOS 225AX	399.00	A		12	80	25	20-20	0.05	P	Yes	Yes	Yes		Operates into 0.5-ohm load.
	HOS 250AX	549.00	A		12	80	50	20-20	0.05	P	Yes	Yes	Yes		As above.
	HOS 425A2X	599.00	A		12	80	25 x 4	20-20	0.05	P	Yes	Yes	Yes		As above.
	PEQ7B	69.00	P/E	7	12	80				P/S	Yes	Yes	No		As above.
	AEQ8B	79.00	A/E	7	12	80	50	20-20	0.05	P/S	Yes	Yes	No		
EQP4	149.00	P/E	4	12	80				P	Yes	Yes	Yes			
AUDIOTEK	GAX-4800		A			85	75 x 4	20-20	0.03	P/S	No	Yes	Yes		Bridgeable.
	GAX-2400		A			80	75	20-20	0.03	P/S	No	Yes	Yes		As above.
	GAX-2051		A			78	50 x 4	20-20	0.05	P/S	No	Yes	Yes		As above.
	GAX-1051		A			70	50	20-20	0.05	P/S	No	Yes	Yes		As above.
	GAX-1400		A			65	50 x 4	20-20	0.08	P/S	No	No	Yes		
	GAX-1200 GE-790		A E			60 85	50	20-20	0.08 0.50	P/S P/S	No Yes	No Yes	Yes Yes		
AUDIOVOX	AMP-520	59.99	A			85	20	30-40	10	P/S	No	No	Yes	4 x 1¼ x 6¼	
	AMP-536	89.99	A			85	25	30-40	10	P/S	No	No	Yes	7½ x 2¾ x 7½	Bass and treble boost.
	AMP-546	149.99	A			85	50	30-40	10	P/S	No	No	Yes	7½ x 2¾ x 8¾	As above.
	AMP-580	175.00	A			90	35	10-40	0.1	P/S	No	No	Yes	8 x 2 x 8½	Bridgeable.
	AMP-581	220.00	A			90	60	10-40	0.1	P/S	No	Yes	Yes	8 x 2 x 12¼	As above.
	AMP-582	300.00	A			90	120	10-40	0.1	P/S	No	Yes	Yes	8 x 2 x 16¾	As above.
	AMP-583	350.00	A			90	60 x 4	10-40	0.1	P/S	No	Yes	Yes	16¾ x 2 x 8	As above.
	AMP-772	80.00	A/E	10	12	80	15	50-20	10	S	Yes	No	No	6½ x 1½ x 4½	
	AMP-777A	150.00	A/E	7	12	80	18 x 4	20-30	10	P/S	Yes	No	Yes	6½ x 1½ x 6	CD input.
	AMP-785	125.00	A/E	7	12	80	18	20-30	10	S	Yes	No	No	6¼ x 1¾ x 5½	
EQP-1100	125.00	E	7	12					P	Yes	Yes	Yes	6¾ x 1½ x 4¾	As above.	
AUDISON	LR 3021	135.00	A			86	16	9-60	0.1	P/S	No	No	Yes	6½ x 2 x 4¼	Separate level controls.
	LR 3031	199.00	A			88	24	7-60	0.09	P/S	No	No	Yes	6½ x 2 x 5¼	As above; operates into 2 ohms.
	LR 3041	275.00	A			90	40	4-80	0.08	P/S	No	No	Yes	6½ x 2 x 9½	As above; bridges to 130 watts.
	LR 3081 mono	229.00	A			91	80 x 1	5-90	0.04	P	No	No	Yes	6½ x 2 x 9½	Monoblock; summing stereo input; operates into 2 ohms.
	LR 3081 SUB	349.00	A			91	80 x 1	5-90	0.04	P		Yes	Yes	6½ x 2 x 9½	Mono subwoofer amp; front and rear high-pass line outputs; operates into 2 ohms.
	LR 435XR	399.00	A			98	35 x 4	4-70	0.07	P	No	Yes	Yes	6¾ x 2 x 11½	Simultaneous stereo and bridged mono output; operates into 2 ohms.
(Continued)	LR 435	349.00	A			98	35 x 4†	4-70	0.07	P	No	No	Yes	6¾ x 2 x 11½	†Two, three-, or four-channel operation. As above.

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♪ Like, I'm waitin' at this red light, right? 'N I hear this bass thumpin', an' a five-oh pony slides up next to me. This dude looks over and man, he thinks he's bad. He cranks it up, but it ain't music anymore, it's, like, electronic noise. I'm thinkin', like, what are you usin' to power that thing man, a lawn mower

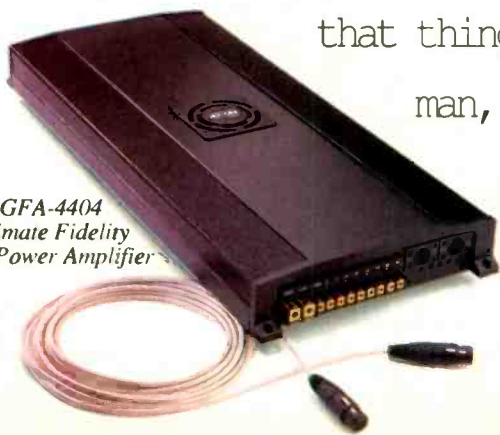
engine? ♪ So I give the dial a twist... pure, sweet metal. I give it another twist, and now I can't hear that dude's static at all. I mean, I'm not just loud, I'm good and loud, 'n it's like he ain't even there. ♪ I look over and see he's backin' off, an' I'm watching his lips move. Like, he wants to talk to me now, right? He's real friendly now, right? He says, man, whattya got powerin' that thing? ♪ I just look at him, like, sorry man, green light.

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AMPS/EQUALIZERS

MANUFACTURER	Model	Price, \$		Preamp (P), Amp (A), Equalizer (E)	Number of EQ Bands	Boost/Cut Range, ±dB	S/N Ratio, -dB, A-Weighted	Watts/Channel into 4 Ohms, per EIA-490	Full-Power Bandwidth, Hz to kHz	THD at Rated Output, %, per EIA-490	Input Levels: Preamp (P), Speaker (S)	Fader Control?	Includes Crossover?	RCA Input Jacks?	Dimensions: Inches	Notes
AUDISON (Continued)	VR 203	449.00	A				106	40	3-75	0.06	P	No	Yes	10 1/8 x 2 1/4 x 9	Operates into 1 ohm.	
	VR 206	549.00	A				106	70	3-75	0.06	P	No	Yes	10 1/8 x 2 1/4 x 10 1/4	As above.	
	VR 209	619.00	A				106	110	3-75	0.06	P	No	Yes	10 1/8 x 2 1/4 x 11 3/8	As above.	
	VR 404XR	649.00	A				100	40 x 4	3-75	0.06	P	Yes	Yes	10 1/8 x 2 1/4 x 10 1/4	Operates into 2 ohms; ambience enhancement; simultaneous stereo and bridged mono output; variable crossover frequency, 40 to 200 Hz or 160 to 800 Hz; variable low-pass filter Q.	
	VR 404	529.00	A				100	40 x 4†	3-75	0.06	P	No	No	Yes	10 1/8 x 2 1/4 x 10 1/4	†Two-, three-, or four-channel operation. Ambience enhancement; simultaneous stereo and bridged mono output; operates into 2 ohms.
	HR-100	6000.00	A				110	100	3-100	0.01	P	No	No	Yes	9 x 2 1/4 x 29 5/8	
AUTOTEK	7040	199.95	A	1			91	18	20-20	0.05	P	No	No	Yes	7 1/2 x 4 1/4 x 1 1/4	Bridgeable; 18-dB boost at 45 Hz.
	44	299.95	A	2			100	22	20-20	0.015	P	No	No	Yes	9 1/4 x 5 1/8 x 2 1/2	Bridgeable; 18-dB boost at 45 Hz and 12-dB boost at 12 kHz.
	66	399.95	A	2			101	33	20-20	0.015	P	No	No	Yes	9 1/4 x 6 1/4 x 2 1/2	As above.
	99	549.95	A	2			102	49	20-20	0.015	P	No	No	Yes	9 1/4 x 7 3/4 x 2 1/2	As above.
	222	799.00	A	2			103	111	20-20	0.015	P	No	No	Yes	9 1/4 x 12 1/4 x 2 1/2	As above.
	333	1099.00	A	2			104	167	20-20	0.015	P	No	No	Yes	9 1/4 x 17 x 2 1/2	As above.
	88	599.95	A	2			22 x 4		20-20	0.015	P	No	Yes	Yes	9 1/4 x 7 3/4 x 2 1/2	As above.
	132	799.00	A				33 x 4		20-20	0.015	P	No	Yes	Yes	9 1/4 x 10 1/4 x 2 1/2	As above.
	HC44	449.00	A						20-20	0.015	P	No	No	Yes	9 1/4 x 5 x 2 1/2	Bridgeable; bass and treble boost.
	HC66	549.00	A						20-20	0.015	P	No	No	Yes	9 1/4 x 5 x 2 1/2	As above.
	Silverado 50	199.00	A				95	25	20-20	0.05	P	No	No	Yes	9 1/4 x 6 1/4 x 2 1/2	As above.
	Silverado 80	269.00	A				95	40	20-20	0.05	P	No	No	Yes	7 1/2 x 4 1/4 x 1 1/4	Bridgeable.
	Silverado 100	369.00	A				95	25 x 4	20-20	0.05	P	No	†	Yes	7 1/2 x 6 1/4 x 1 1/4	As above.
	7002	299.00	E	9	20		80			0.04	P	Yes	No	Yes	6 3/4 x 5 1/2 x 1 1/2	As above. †Subwoofer crossover.
	7004	279.95	E	4	12		90			0.04	P	No	No	Yes	1 x 7 1/2 x 4	Half-DIN size.
7005	399.95	E	15			100			0.04	P	No	No	Yes	13 x 1 1/2 x 5 1/2	Trunk-mount.	
7005B	349.95	E	15			100			0.04	P	No	No	Yes	13 x 1 1/2 x 5 1/2	As above; with crossover, \$399.00.	
7006	599.95	E	31	12		101			0.04	P	No	No	Yes	1 1/2 x 8 x 12 1/2	Trunk-mount.	
AVALANCHE	A-140	129.00	A				90	70	20-20	0.05	P/S	No	No	Yes	9 1/2 x 2 x 5 1/2	
	A-280	169.00	A				90	140	10-50	0.05	P/S	No	No	Yes	10 1/2 x 2 x 6 1/4	Simultaneous stereo and bridged mono output.
	A-430	259.00	A				90	130 x 3	10-50	0.05	P/S	No	No	Yes	10 1/2 x 2 x 7 7/8	D.C.-to-D.C. converter.
	A-530	359.00	A				90	160 x 3	10-50	0.05	P/S	No	No	Yes	10 1/2 x 2 x 9 1/2	
	Everest	359.00	A				90	200	10-50	0.05	P/S	No	Yes	Yes	10 1/2 x 2 x 9 1/2	
BLADE TECHNOLOGIES	SE 100	399.00	A				105	100 x 1	15-25	0.01	P	No	No	Yes	5 1/8 x 7 1/4 x 1 1/8	Monoblock; Class-AB/D hybrid.
	SE 200	499.00	A				105	200 x 1	15-25	0.01	P	No	No	Yes	5 1/8 x 7 1/4 x 1 1/8	As above.
	SE 2.2	699.00	A				105	100	15-25	0.01	P	No	No	Yes	10 3/8 x 7 1/4 x 1 1/8	Class-AB/D hybrid.
	SE 4.2	899.00	A				105	200	15-25	0.01	P	No	No	Yes	10 3/8 x 7 1/4 x 1 1/8	As above.
	SE 3.3	999.00	A				105	100 x 3	15-25	0.01	P	No	No	Yes	10 3/8 x 7 1/4 x 1 1/8	As above.
	SE 6.3	1299.00	A				105	200 x 3	15-25	0.01	P	No	No	Yes	15 3/8 x 7 1/4 x 1 1/8	As above.
	SE 4.4	1299.00	A				105	100 x 4	15-25	0.01	P	No	No	Yes	20 x 7 1/4 x 1 1/8	As above.
	SE 8.4	1699.00	A				105	200 x 4	15-25	0.01	P	No	No	Yes	20 x 7 1/4 x 1 1/8	As above.
	SE 5.5	1599.00	A				105	100 x 5	15-25	0.01	P	No	No	Yes	25 x 7 1/4 x 1 1/8	As above.
	SE 10.5	1999.00	A				105	200 x 5	15-25	0.01	P	No	No	Yes	25 x 7 1/4 x 1 1/8	As above.
	SE 6.6	1899.00	A				105	100 x 6	15-25	0.01	P	No	No	Yes	30 x 7 1/4 x 1 1/8	As above.
	SE 12.6	2499.00	A				105	200 x 6	15-25	0.01	P	No	No	Yes	30 x 7 1/4 x 1 1/8	As above.
	SE 52	399.00	A				105	50	15-25	0.01	P	No	No	Yes	8x 7 1/4 x 1 1/8	As above.
	SE 54	699.00	A				105	50 x 4	15-25	0.01	P	No	No	Yes	15 3/8 x 7 1/4 x 1 1/8	As above.
	SE 152	699.00	A				105	†	15-25	0.01	P	No	No	Yes	20 x 7 1/4 x 1 1/8	As above.
	G62	199.00	A	1	+15		90	30	10-30	0.07	P	No	Yes	Yes	8 x 8 x 2	†50 watts x 2 and 100 watts x 1. As above. Anti-theft protection.
	G64	379.00	A	1	+15		90	30 x 4	10-30	0.07	P	No	Yes	Yes	13 x 8 x 2	As above.
	G112	299.00	A	1	+15		90	55	10-30	0.07	P	No	Yes	Yes	13 x 8 x 2	As above.
G114	499.00	A	1	+15		90	55 x 4	10-30	0.07	P	No	Yes	Yes	17 x 8 x 2	As above.	
G5	399.00	A	1	+15		90	125	10-30	0.07	P	No	Yes	Yes	17 x 8 x 2	As above.	
M252	299.00	A				90	25	10-20	0.07	P	No	No	Yes	9 3/8 x 5 1/2 x 2 7/8	Optically switched Class-A operation.	
M502	399.00	A				90	50	10-20	0.07	P	No	No	Yes	9 3/8 x 5 1/2 x 2 7/8	As above.	
M504	699.00	A				90	50 x 4	10-20	0.07	P	No	Yes	Yes	13 x 5 1/2 x 2 7/8	As above.	
M1002	599.00	A				90	100	10-20	0.07	P	No	Yes	Yes	13 x 5 1/2 x 2 7/8	As above.	
BLAUPUNKT	V220	119.95	A				93	20	5-30	0.1	P/S	Yes	Yes	Yes	5.3 x 3.8 x 1.6	Distortion-limiting circuitry.
	V420	169.95	A				93	20 x 4	5-30	0.1	P/S	Yes	Yes	Yes	5.3 x 6 x 1.6	As above.
	V250	319.95	A	2	10		100	50	5-50	0.1	P/S	Yes	Yes	Yes	9.8 x 7 x 2.2	As above; noise-reduction circuitry.
	V450	519.95	A	2	10		103	50 x 4	5-50	0.1	P/S	Yes	Yes	Yes	9.8 x 12 x 2.2	As above.
	V2100	519.95	A	2	10		103	100	5-50	0.1	P/S	Yes	Yes	Yes	9.8 x 12 x 2.2	As above.
	V7000	669.95	A	2	10		105	†	5-50	0.1	P/S	Yes	Yes	Yes	9.8 x 15 x 2.6	As above. †Four-, five-, six-, or seven-channel operation; seven-channel mode, 40 watts x 4, 80 watts x 2, and 20 watts x 1.
BOSS AUDIO SYSTEMS	AVA-380	125.00	A				90	75		0.05	P/S	No	Yes	8 1/4 x 8 1/4 x 2 1/4	Bridgeable.	
	AVA-260	119.00	A				70	40 x 4		0.2	P/S	No	Yes	9 x 8 3/4 x 2	As above.	
	AVA-240	95.00	A				70	35 x 4		0.2	P/S	No	Yes	9 x 5 1/2 x 1 1/2	As above.	
	AVA-360	109.00	A				70	50		0.2	P/S	No	Yes	10 x 7 x 2 3/4	As above.	
	AVA-160	85.00	A				70	40		0.2	P/S	No	Yes	8 x 7 x 2 3/4	As above.	
	AVA-120	69.00	A				70	35		0.2	P/S	No	Yes	4 x 8 3/4 x 2	As above.	
	AVA-110	49.00	A				70	30		0.2	P/S	No	Yes	5 1/2 x 6 x 1 1/2	As above.	
	AVA-650	289.00	A				90	75 x 4		0.05	P/S	Yes	Yes	13 3/4 x 10 x 2 1/2	As above.	
	AVA-550	159.00	A				90	100		0.05	P/S	Yes	Yes	10 x 10 x 2 1/2	As above.	
	AVA-450	139.00	A				90	75		0.05	P/S	Yes	Yes	8 3/8 x 10 x 2 1/2	As above.	
	AVA-250	129.00	A				90	60		0.05	P/S	Yes	Yes	5 1/2 x 10 x 2 1/2	As above.	
	AVA-600M	219.00	A				90	125		0.05	P/S	Yes	Yes	12 1/2 x 9 3/4 x 2 1/2	As above.	
	AVA-400M	129.00	A				90	50		0.05	P/S	Yes	Yes	8 3/8 x 9 3/4 x 2 1/2	As above.	
	AVA-200M	109.00	A				90	40		0.05	P/S	Yes	Yes	5 1/2 x 9 3/4 x 2 1/2	As above.	
	US-400	499.00	A				90	100 x 4		0.02	P/S	Yes	Yes	12 1/2 x 9 x 3	As above.	
US-180	399.00	A				90	45 x 4		0.02	P/S	Yes	Yes	10 1/4 x 9 x 3	As above.		
US-250	399.00	A				90	125		0.02	P/S	Yes	Yes	11 x 9 x 3	As above.		

(Continued)



WADIA
9

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AMPS/EQUALIZERS

MANUFACTURER	Model	Price, \$	Preamp (P), Amp (A), Equalizer (E)	Number of EQ Bands	Boost/Cut Range, +dB	S/N Ratio, -dB, A-Weighted	Watts/Channel into 4 Ohms, per EIA-490	Full-Power Bandwidth, Hz to kHz	THD at Rated Output, %, per EIA-490	Input Levels: Preamp (P), Speaker (S)	Fader Control?	Includes Crossover?	RCA Input, Jacks?	Dimensions, Inches	Notes
BOSS AUDIO SYSTEMS (Continued)	US-200	299.00	A			90	75	0.02	P/S	Yes	Yes	Yes	8 x 9 x 3	As above.	
	US-90	199.00	A			90	45	0.02	P/S	Yes	Yes	Yes	6 3/4 x 9 x 3	As above.	
	AVA-1000	499.00	A			90	125 x 4	0.05	P/S	No	Yes	Yes	22 x 11 x 2 3/4	As above.	
	AVA-850	399.00	A			90	100 x 4	0.05	P/S	No	Yes	Yes	15 x 11 x 2 3/4	As above.	
	AVA-1200	59.00	A/E	7		75	35	0.25	S	Yes	No	Yes			
	AVA-1203	69.00	P/E	7		75			P	Yes	Yes	Yes			
	AVA-1206	95.00	P/E	10		75			P	Yes	Yes	Yes			
	AVA-1204	89.00	P/E	7		75			P	Yes	Yes	Yes			
	AVA-1205	95.00	P/E	7		75			P	Yes	Yes	Yes			
	AVA-1407	79.00	P/A/E	7		75	35	0.25	P/S	Yes	Yes	Yes			
	AVA-1410	109.00	P/A/E	10		75	35	0.25	P/S	Yes	Yes	Yes			
	AVA-1207	129.00	P/E	5	18	70		0.01	P	Yes	Yes	Yes			
AVA-1209	189.00	P/E	7	18	75		0.01	P	Yes	Yes	Yes				
AVA-CR212	199.00	E	†	12	100		0.01	P	No	Yes	Yes	10 1/2 x 7 1/8 x 2	Parametric EQ. Includes spectrum analyzer with memory. †7 front, 5 rear.		
BOSTWICK	MRA250	349.95	A			110	50	20-20†	0.05	P		Yes	9 1/2 x 8 1/2 x 2 7/8	Bridgeable. †+0, -0.2 dB.	
BROOKLINE TECHNOLOGIES	VAS22	225.00	A/E	2	+20	75	15	20-20	0.5	P/S	No	No	Yes	1 3/4 x 5 1/2 x 6 1/2	Volume boost and bass boost vary with background noise in vehicle. As above.
	VAS21	169.00	E	2	+20	75			0.1	P/S	No	No	Yes	1 3/4 x 5 1/2 x 6 1/2	As above.
CADENCE	CPA 2195	329.00	A	2	18	100	100	10-50	0.04	P	No	No	Yes		Bridgeable. As above.
	CPA 2175	299.00	A	2	18	100	75	10-50	0.04	P	No	No	Yes		As above.
	CPA 2145	249.00	A	2	18	100	45	10-50	0.04	P	No	No	Yes		As above.
	CPA 4100	399.00	A	2	9	105	50 x 4	10-50	0.04	P	No	†	Yes		†Two crossovers. Subsonic filter.
	CPA 2000	429.00	A	2	18	100	150	10-50	0.04	P	No	No	Yes		
	CPA 230i	79.00	A			95	30	20-20	0.04	P/S	No	Yes	Yes		
	CPA 430i	99.00	A			95	30 x 4	20-20	0.04	P/S	No	Yes	Yes		
	CPA 270i	189.00	A			95	75	20-20	0.04	P/S	No	Yes	Yes		
	CPA 290i	199.00	A			95	100	20-20	0.04	P/S	No	Yes	Yes		
	CPA 470i	229.00	A			95	75 x 4	20-20	0.04	P/S	No	Yes	Yes		
	CEO 600	229.00	E	5	18	100					P	Yes	Yes	Half DIN	Parametric.
	CEO 780	199.00	E	7	12	100					P/S	Yes	Yes	Half DIN	Graphic; spectrum analyzer.
CEO 750	159.00	E	7	12	90					P/S	Yes	Yes	Half DIN	As above.	
CXR 300	199.00	†	1	+12	105			0.04	P	No	No	Yes	5 x 3 x 1	†Bass synthesizer. Includes remote; subsonic filter.	
CARRERA AUDIO LABS	M100	89.00	A			98	25	20-20	0.05	P	No	No	Yes	3 x 9 1/4 x 2 3/4	Operates into 2 ohms.
	M200	139.00	A			98	25 x 4	20-20	0.05	P	No	No	Yes	4 x 9 1/4 x 2 3/4	As above.
	M300	149.00	A			98	75	20-20	0.05	P	No	No	Yes	9 x 9 1/4 x 2 3/4	As above; bridgeable.
	M400	189.00	A			98	100	20-20	0.05	P	No	No	Yes	10 1/2 x 9 1/4 x 2 3/4	As above.
	M500	219.00	A			98	150	20-20	0.05	P	No	†	Yes	14 x 9 1/4 x 2 3/4	As above. †Subwoofer crossover.
	M475	249.95	A			98	75 x 4	20-20	0.05	P	No	†	Yes	12 1/2 x 9 1/4 x 2 3/4	As above.
CARVER/KLW	K MOS 4200	580.00	A				50 x 4	20-20	0.1	P	Yes	Yes	Yes	15 x 3 1/2 x 7 1/2	Bridgeable.
	K MOS 2200	480.00	A				100	20-20	0.1	P/S	Yes	Yes	Yes	13 x 3 1/2 x 7 1/2	As above.
	K MOS 2150	380.00	A		9		75	20-20	0.1	P/S	Yes	Yes	Yes	9 3/8 x 3 1/2 x 7 1/2	As above.
	XA-50 Broadway	360.00	A			90	25	20-20	0.02	P	No	No	Yes	7 7/8 x 2 1/2 x 6	LED diagnostic center.
	XEO-15	350.00	E	15	12			20-20	0.02	P	No	No	Yes		Trunk-mount.
	Phantom XA-22	220.00	†							P	No	No	Yes		†Bass-restoration synthesizer. Includes remote; subsonic filter.
CLARION	201A	79.95	A			94	25	10-60	1	P/S	No	Yes	7 x 1 x 5 1/8		
	402A	119.95	A			94	25 x 4	10-60	1	P/S	No	Yes	7 x 1 x 5 1/8		
	A500	109.95	A			95	15	10-50	0.1	P		Yes	6 1/2 x 1 3/4 x 4 7/8		
	601A	189.95	A			100	50	10-60	0.08	P	No	Yes	5 1/8 x 2 x 8 3/4	Bridgeable.	
	A1002	209.95	A			103	50	10-60	0.08	P		Yes	7 1/2 x 2 x 8 3/4	As above.	
	A1200	349.95	A			102	30 x 4†	5-50	0.08	P	Yes	Yes	11 3/4 x 2 3/8 x 9 3/8	†Two-, three-, or four-channel operation.	
	A2000	449.95	A			102	50 x 4†	5-50	0.08	P	Yes	Yes	11 3/4 x 2 3/8 x 12	†As above.	
	3200A	799.95	A				80 x 4		0.1	P		Yes	13 7/8 x 2 3/8 x 12 7/8		
	A4600	799.95	A			102	†	5-50	0.08	P		Yes	11 3/4 x 2 3/8 x 13 1/2	†Four-, five-, or six-channel operation; six-channel mode, 70 watts x 4 and 90 watts x 2.	
	100EQ88	79.95	A/E	5	12	90	18 x 4	20-20	1	S	Yes	Yes	7 x 1 x 4 3/4	Line-level subwoofer output.	
	73EQ	139.95	E	7	15	100				P	Yes	Yes	7 x 1 x 4 3/4	As above.	
	90EQ	199.95	E	9	15	100				P	Yes	Yes	7 x 1 x 4 3/4	As above.	
920EQ	399.95	E	9	15	100				P	Yes	Yes	6 7/8 x 2 x 1 1/4	As above.		
CLARK AUDIO	1211	599.00	P			120		0.01	P	No	No	Yes	†	†Trunk unit, 5 x 2 x 4; dash-mount controller, 5 x 1 x 5.	
COMPETITION	C-500	309.99	A/E	2	18	96	25	10-30	0.03	P	No	No	Yes	9 x 2.6 x 8.6	Bridgeable.
	C-1000	381.99	A/E	1	18	96	50	10-30	0.02	P	No	No	Yes	9 x 2.6 x 10	As above.
	C-2000	505.99	A/E	1	18	96	100	10-30	0.02	P	No	No	Yes	9 x 2.6 x 12	As above.
	C-4000	699.99	A/E	1	18	96	200	10-30	0.02	P	No	No	Yes	9 x 2.6 x 14	As above.
CONCORD	C4050	249.95	A			98	50 x 4†	10-40	0.16	P/S	No	Yes		†Two-, three-, or four-channel operation.	
	C2050	159.95	A			98	50	10-40	0.16	P/S	†	Yes		†Subwoofer crossover, 80 or 120 Hz.	
COUSTIC	AMP-660	660.00	A			92	50 x 6†	10-50	0.05	P	No	No	Yes	2 3/8 x 25 1/2 x 8 7/8	†Three-, four-, five-, or six-channel operation. Simultaneous stereo and bridged mono output; protection circuitry.
	AMP-108	140.00	A		+9	90	16 x 4	15-25	0.09	P/S	No	No	Yes	1 3/4 x 9 1/4 x 5 3/8	
	AMP-102	70.00	A			90	16	15-25	0.09	P/S	No	No	Yes	1 3/4 x 6 1/4 x 5 3/8	
	AMP-268u	449.00	A		6/12	90	50 x 4	10-50	0.05	P/S	No	Yes	Yes	2 x 12 x 9 1/8	Microprocessor-controlled; operates into 2 ohms.
	AMP-460u	399.00	A		6/12	90	100	10-50	0.05	P/S	No	Yes	Yes	2 x 12 x 9 7/8	As above.
	AMP-360u	329.00	A		6/12	90	70	10-50	0.05	P/S	No	Yes	Yes	2 x 9 x 9 7/8	As above.
	AMP-260u	249.00	A		6/12	90	50	10-50	0.05	P/S	No	Yes	Yes	2 x 5 1/2 x 9 7/8	As above.
AMP-160u	179.00	A		6/12	90	35	10-50	0.05	P/S	No	Yes	Yes	2 x 5 1/2 x 9 7/8	As above.	
COUSTIC/DESIGN REFERENCE	AMP-514DR	645.00	A			92	50 x 4	10-50	0.05	P	No	No	Yes	2 1/4 x 20 3/4 x 9	Simultaneous stereo and bridged mono output; operates into 2 ohms; balanced inputs; protection circuitry.
	AMP-510DR	475.00	A			92	100	10-50	0.05	P	No	No	Yes	2 1/4 x 16 3/4 x 9	As above.
	AMP-505DR	375.00	A			92	50	10-50	0.05	P	No	No	Yes	2 1/4 x 12 7/8 x 9	As above.

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AMPS/EQUALIZERS

MANUFACTURER	Model	Price \$	Preamp (P), Amp (A), Equalizer (E)	Number of EQ Bands	Boost/Cut Range, dB	S/N Ratio, dB, A-Weighted	Watts/Channel into 4 Ohms, per EIA-490	Full-Power Bandwidth, Hz to kHz	THD at Rated Output, % per EIA-490	Input Levels: Preamp (P), Speaker (S)	Fader Control?	Includes Crossover?	RCA Input Lacks?	Dimensions, Inches	Notes
CRAIG	MA280	86.95	A			70	18	20-20	1	P/S		Yes	Yes	9 1/2 x 2 1/4 x 3 7/8	Bridgeable. As above. As above. As above.
	MA2250	189.95	A			80	45	10-20	0.2	P/S	Yes	Yes	Yes	9 1/2 x 2 1/4 x 8	
	MA2350	236.95	A			80	65	10-20	0.2	P/S	Yes	Yes	Yes	9 1/2 x 2 1/4 x 10	
	MA2500	274.95	A			80	90	10-20	0.2	P/S	Yes	Yes	Yes	9 1/2 x 2 1/4 x 11 1/4	
	MA4500	311.95	A			80	50 x 4	10-20	0.2	P/S	Yes	Yes	Yes	9 1/2 x 2 1/4 x 16 1/2	
	ME105	50.00	A/E	10	+12	18		20-20		S	Yes			5 7/8 x 1 7/8 x 4 3/4	
CRUNCH	CA2X30		A			85	30	20-50	0.05	P/S	No	No	Yes	8 3/4 x 2 1/2 x 6	Bridgeable; accepts filter, crossover, or EQ module. As above. As above. As above. As above. As above. As above. As above. As above. As above. As above; operates into 1 ohm. †31 EQ bands per channel. Third-octave spacing.
	CA2X50		A	2	15	90	50	10-50	0.05	P/S	No	No	Yes		
	CA2X75		A	2	15	90	75	10-50	0.05	P	No	No	Yes		
	CA4X30		A			85	30 x 4	20-50	0.05	P/S	No	No	Yes		
	CA4X50		A			90	35 x 2, 75 x 2	10-50	0.05	P/S	No	Yes	Yes		
	CA4X75		A			90	75 x 4	10-50	0.05	P	No	Yes	Yes		
	50	279.00	A			95	25	10-50	0.005	P					
	100	329.00	A			95	50	10-50	0.005	P			Yes		
	150	399.00	A			97	75	10-50	0.005	P			Yes		
	250	499.00	A			97	125	10-50	0.005	P			Yes		
	400	599.00	A			100	200	10-50	0.005	P			Yes		
	425	389.00	A			92	25 x 4	10-50	0.005	P			Yes		
	450	499.00	A			95	50 x 4	10-50	0.005	P			Yes		
	600	1250.00	A			100	300	10-50	0.005	P			Yes		
5051-K	799.00	A			100	25	10-50	0.005	P			Yes			
CEQ31	499.00	E		†	15	110				P			Yes		
	CEQ17	79.00	E		7	12	85			P	Yes	No	Yes	Half DIN	
	CEQ707	109.00	E		7	12	90			P	Yes	Yes	Yes	Half DIN	
	CEQ110	130.00	E		10	12	90			P	Yes	Yes	Yes	Half DIN	
CRYSTAL-LINE	CL100P	229.95	P		+20	120			0.01	P	No	No	Yes	2 1/2 x 2 x 1 1/4	Distortion-limiting and noise-reduction circuitry. As above; with crossover, \$534.95; with crossover and servo volume control, \$554.95. Distortion-limiting and noise-reduction circuitry.
	CL200P	389.95	P		+20	120			0.001	P	No	No	Yes	4 5/8 x 5 5/8 x 1 1/2	
	CL3PB	79.95	P		+20	110			0.05	P	No	No	Yes	1 1/8 x 2 1/4 x 2 3/8	
DENON	DCA-600	450.00	A		+16	100	40 x 4 †	20-20	0.05	P	No	No	Yes	9 7/8 x 2 7/8 x 12 5/8	†Two-, three-, or four-channel operation. Bridges to 110 watts. Selectable crossover frequency.
	DCA-550	275.00	A		+16	100	30 x 4 †	20-20	1	P	No	No	Yes	9 7/8 x 2 x 9	
	DCA-450	225.00	A		+16	100	50	20-20	1	P	No	No	Yes	9 7/8 x 2 x 9	
	DCE-2190	220.00	E	9	12	95			0.005	P	Yes	Yes	Yes	7 7/8 x 1 x 5 3/8	
DOUBLE BASS	DA 302	299.95	A			102	25	10-40	0.015	P		Yes	Yes	1 1/2 x 8 x 10	Simultaneous stereo and bridged mono output; operates into 0.5-ohm load. As above. As above. †Two-, three-, four-, five-, or six-channel operation. As above.
	DA 602	399.95	A			102	50	10-40	0.015	P		Yes	Yes	1 1/2 x 8 x 13 1/2	
	DA 1202	599.95	A			102	100	10-40	0.015	P		Yes	Yes	1 1/2 x 8 x 19	
	DA 604	459.95	A			102	25 x 4 †	10-40	0.015	P		Yes	Yes	1 1/2 x 8 x 13 1/2	
DR. CRANKENSTEIN	DC-50		A			110	25		0.001	P			Yes	Operates into 0.5 ohm. As above. As above.	
	DC-100		A			110	50		0.001	P			Yes		
	DC-3000		A			110	250		0.001	P			Yes		
EARTHQUAKE SOUND	PA-2020	195.00	A	2	18	105	40	5-55	0.015	P		No	Yes	2 3/4 x 9 x 6	Bridges to 120 watts; operates into 2 ohms. As above but 150 watts. As above but 165 watts; without crossover, \$225.00. Bridges to 280 watts; operates into 2 ohms. As above but 400 watts; no EQ but with fader and crossover, \$433.50. Bridges to 700 watts; operates into 2 ohms; no EQ but with fader and crossover, \$615.00. Bridges to 1150 watts; operates into 2 ohms; available without EQ but with fader and crossover. Bridges to 120 watts x 2; operates into 2 ohms. As above but 150 watts. As above but 280 watts. As above but 400 watts. As above but 1150 watts. Center-channel output. Quasi-parametric.
	PA-2030	205.00	A	2	18	105	45	5-55	0.015	P		No	Yes	2 3/4 x 9 x 6	
	PA-2040C	260.00	A	2	18	105	52	5-55	0.015	P		Yes	Yes	2 3/4 x 9 x 6	
	PA-2050	329.00	A	2	18	105	75	5-55	0.015	P		No	Yes	2 3/4 x 9 x 11	
	PA-2075	375.00	A	2	18	105	104	5-55	0.015	P		No	Yes	2 3/4 x 9 x 11	
	PA-2150	559.00	A	2	18	105	210	5-55	0.015	P		No	Yes	2 3/4 x 9 x 13	
	PA-2300	745.00	A	2	18	110	380	5-55	0.015	P		No	Yes	2 3/4 x 9 x 16	
	PA-4020C	405.00	A/E	4	18	105	40 x 4	5-55	0.015	P	Yes	Yes	Yes	2 3/4 x 9 x 11	
	PA-4030	359.00	A			105	45 x 4	5-55	0.015	P	Yes	No	Yes	2 3/4 x 9 x 11	
	PA-4050C	509.00	A			105	75 x 4	5-55	0.015	P	Yes	Yes	Yes	2 3/4 x 9 x 13	
PA-4100C	615.00	A			105	110 x 4	5-55	0.015	P	Yes	Yes	Yes	2 3/4 x 9 x 16		
PA-4300	2000.00	A/E	4	18	110	380 x 4	5-55	0.015	P	Yes	No	Yes	2 3/4 x 9 x 33		
EQ-3200	499.00	E	32	12	100			0.005	P/S	No	No	Yes	13 1/2 x 8 1/2 x 1 1/2		
EQ-5000PX	229.00	E	5	18	100			0.005	P	Yes	Yes	Yes	Half DIN		
ECLIPSE	EUM-2420	429.00	A			105	50 x 4 †	20-20	0.03	P		No	Yes	13 3/8 x 2 3/8 x 10	†Two-, three-, or four-channel operation. Dual power supplies. Digital signal processor with center-channel amp. †Digital graphic, 7 front and 7 rear; digital parametric, 5 front and 5 rear.
	EUM-2410	360.00	A			103	25 x 4 †	20-20	0.03	P		No	Yes	13 3/8 x 2 3/8 x 10	
	EOS-2000	900.00	P/A/E	†	18	108	12 x 1			P	Yes	Yes	Yes		
FULTRON	16-0100M	350.00	A			95	100	20-30	0.02	P	No	No	Yes	7 1/2 x 2 x 11 3/4	Bridgeable. As above. As above. As above. As above. As above. Simultaneous stereo and bridged mono output. †Subwoofer crossover, 80 or 120 Hz.
	16-0075M	280.00	A			95	75	20-30	0.02	P	No	No	Yes	7 1/2 x 2 x 10	
	16-0050M	229.00	A			95	50	20-30	0.02	P	No	No	Yes	7 1/2 x 2 x 7	
	16-0025M	180.00	A			95	25	20-30	0.02	P	No	No	Yes	7 1/2 x 2 x 6	
	16-0435MX	310.00	A			95	35 x 4	20-30	0.02	P	No	No	Yes	7 1/2 x 2 x 8 1/2	
	16-TW100S	230.00	A			93	100	20-27	0.05	P/S	No	†	Yes	12 x 2 x 9	

SWV: It's About Time (RCA) 00151

Prince: The Hits 1 (WB/Paisley Park) 02228 †

Zimman: Görecki, Symphony No. 3 (Nonesuch) 00110

R.E.M.: Automatic For The People (Warner Bros.) 00121

Garth Brooks: The Chase (Liberty) 00141

Red Hot Chili Peppers: What Hits? (EMI) 00144 †

Elton John: Greatest Hits 1976-1986 (MCA) 00150

AC/DC: Live (Atlantic) 00201

Neil Young: Harvest Moon (Reprise) 00208

The Doors: L.A. Woman (Elektra) 00215

Frank Sinatra: The Best Of The Capitol Years (Capitol) 00242

Phil Collins: Serious Hits...Live! (Atlantic) 00324

Erasure: Pop! The First 20 Hits (Reprise) 00328

Silk: Lose Control (Kela/Elektra) 00353

Reba McEntire: It's Your Call (MCA) 00422

The Very Best Of Cream: Strange Brew (Polydor) 00468

Best Of Dire Straits: Money For Nothing (Warner Bros.) 00713

Fleetwood Mac: Greatest Hits (Warner Bros.) 00796

Brooks & Dunn: Hard Workin' Man (Arista) 00857

Cecilia Bartoli: If You Love Me — Arie Antiche (London) 00862

Bon Jovi: Keep The Faith (Mercury) 00868

Dr. Dre: The Chronic (Interscope) 01241 †

Credence Clearwater Revival: Chronicle: 20 Greatest Hits (Fantasy) 01520

Stone Temple Pilots: Core (Atlantic) 00981

Kate Bush: The Whole Story (EMI) 01244

Roxy Music: Avalon (Warner Bros.) 01246

Duran Duran (Capitol) 01268

Moody Blues: A Night At Red Rocks With The Colorado Symphony Orchestra (Polydor) 01339

James Brown: 20 All-Time Greatest Hits (Polydor) 01342

Dwight Yoakam: This Time (Reprise) 01360

Perلمان: Encores (EMI Classics) 01387

2Pac: Strictly For My N—z (Interscope) 01411 †

Belly: Star (Reprise/Sire) 01449

Queen Latifah: Black Reign (Motown) 01592

Salt-N-Pepa: Very Necessary (Next Plateau/London) 01595

Urge Overkill: Saturation (Geffen) 01600

Nanci Griffith: The MCA Years—A Retrospective (MCA) 01606

Trisha Yearwood: The Song Remembers When (MCA) 01607

Jody Watley: Intimacy (MCA) 01608

Shai: Right Back At Cha (Remix) (Gasoline Alley/MCA) 01610

Bobby Brown: Remixes In The Key Of B (MCA) 01611

Mary J. Blige: What's The 411? Remix (Uptown) 01612

Wu-Tang Clan: Enter The Wu-Tang (RCA) 01613 †

George Jones: High-Tech Redneck (MCA) 01614

Ralph Tresvant: It's Goin' Down (MCA) 01616

Sting: Ten Summoner's Tales (A&M) 01334

Jodeci: Diary of a Mad Band (Uptown) 01615 †

Lemonheads: Come On Feel The Lemonheads (Atlantic) 01621

Wayne's World Two/Sdtrk. (Reprise) 01622

Souls Of Mischief: 93 'Til Infinity (Jive) 01624

George Gershwin: Gershwin Plays Gershwin: The Piano Rolls (Elektra/Nonesuch) 01675

The London Philharmonic Orchestra: Symphonic Music Of Yes (RCA Victor) 01685

Kiri Te Kanawa: Kiri On Broadway (London) 01705

Nikolaus Harnoncourt: Mendelssohn, A Midsummer Night's Dream (Teldec) 01736

James Galway: Concerto—Galway Plays Mozart (RCA Victor Red Seal) 01742

Cowboy Junkies: Pale Sun, Crescent Moon (RCA) 01764

Lena Horne: Stormy Weather—The Legendary Lena (1941-1958) (RCA) 01784

Herbert von Karajan: Sibelius, Vaise triste (DG 4D "Karajan Gold") 01832

D.R.S.: Gangsta Lean (Capitol) 01840 †

Big Head Todd & The Monsters: Sister Sweetly (Giant/Reprise) 02337

Ace Of Base: The Sign (Arista) 02354

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Lyle Lovett: Joshua Judges Ruth (MCA/Curb) 10508

Peter Gabriel: Shaking The Tree—16 Golden Greats (Geffen) 11089

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10,000 Maniacs: MTV Unplugged (Elektra) 35061



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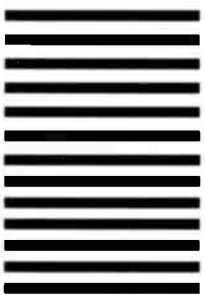
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FULTRON (Continued)	16-TW75S	200.00	A			93	75	20-27	0.05	P/S	No	†	Yes	9 3/4 x 2 x 4	As above.
	16-TW50S	170.00	A			93	50	20-27	0.05	P/S	No	†	Yes	7 3/4 x 2 x 4	As above.
	16-TW35	150.00	A			93	35	20-27	0.05	P/S	No	Yes	Yes	6 1/2 x 2 x 4	
	16-0225	60.00	A			85	25	20-20	1	P/S	No	No	Yes	5 x 2 x 5 3/4	
	16-0425	100.00	A			85	25 x 4	20-20	1	P/S	No	No	Yes	5 1/2 x 2 x 5 3/4	
	16-EQ12	280.00	P/E	12	18	100			0.005	P	No	No	Yes	5 x 2 x 7	
	16-EQ50	100.00	P/E	5	12	90			0.01	P	Yes	†	Yes	7 1/2 x 1 1/2 x 4	
	16-0740	200.00	P/A/E	7	12	75	25 x 4	20-20	0.005	P	Yes	†	Yes	7 x 1 x 7 3/4	†Subwoofer crossover.
	16-0737	200.00	P/E	4	18	110			0.05	P/S	Yes	No	Yes	7 x 1 x 1 1/4	†Subwoofer crossover, 80 or 120 Hz.
	16-0730	80.00	P/A/E	10	12	65	20 x 4	20-20	0.1	P/S	Yes	No	Yes	7 x 1 x 4 1/2	Parametric.
G & S DESIGNS	PA4Q	409.99	P/E	4	18	101			0.005	P	Yes	No	Yes	1 x 3.6 x 7	Quasi-parametric EQ; input selector.
HARMAN KARDON	TC600	1100.00	A			100	300	10-100	0.1	P/S	No	No	Yes	16 5/8 x 12 5/8 x 3 3/4	Simultaneous stereo and bridged mono output.
	TC400Q	1000.00	A			100	100 x 4†	10-100	0.1	P/S	No	No	Yes	16 5/8 x 12 5/8 x 3 3/4	†Two-, three-, or four-channel operation.
	TC300	800.00	A			100	100	10-100	0.1	P/S	No	No	Yes	14 5/8 x 12 5/8 x 3 3/4	Simultaneous stereo and 300-watt bridged mono output.
	CA1400	499.00	A			100	35 x 4†	10-100	0.1	P/S	No	No	Yes	12 5/8 x 9 3/4 x 2 1/4	Simultaneous stereo and bridged mono output.
	CA70	329.00	A			100	35	10-100	0.1	P/S	No	No	Yes	10 5/8 x 6 3/4 x 2 1/4	As above.
HARRISON LABORATORIES	AMOD	69.95	A			110	25 x 1	20-20		P/S	No	No	Yes	2 1/2 x 2 1/2 x 4	Monoblock; fault indicator.
	BMOD	99.95	A			90	25 x 1	20-20		S	No	No	No	2 1/2 x 2 1/2 x 12	Monoblock; operates into 1 ohm.
	SEMOD	459.00	E	30	†					P	No	††	Yes	1 1/2 x 13 x 4 1/2	†+3, -24 dB. ††Two-, three-, or four-way crossover. Includes pink-noise generator, without peak indicators, \$349.00; with auto center staging, \$459.00.
HIFONICS	Xenon	1300.00	A			85	35	30-20	0.5	P	No	No	Yes	4 7/8 x 14 3/4 x 7 1/2	Tube amp.
	Cupid VIII	225.00	A			98	22	20-20	0.05	P	No	No	Yes	1 7/8 x 7 1/2 x 5 3/8	Bridgeable; MOS-FET; accepts up to 13-V signals.
	Pluto VIII	300.00	A			107	35	20-20	0.02	P	No	No	Yes	2 1/2 x 8 3/4 x 4	As above but accepts up to 9-V signals.
	Vulcan VIII	390.00	A			110	50	20-20	0.02	P	No	No	Yes	2 1/2 x 8 3/4 x 6 1/8	As above.
	Odin VIII	475.00	A			112	75	20-20	0.02	P	No	No	Yes	2 1/2 x 8 3/4 x 6 1/8	As above.
	Thor VIII	640.00	A			114	125	20-20	0.02	P	No	No	Yes	2 1/2 x 8 3/4 x 7 3/4	As above.
	Boltar VIII	825.00	A			116	200	20-20	0.02	P	No	No	Yes	2 1/2 x 8 3/4 x 11 3/8	As above.
	Zeus VIII	980.00	A			118	300	20-20	0.02	P	No	No	Yes	2 1/2 x 8 3/4 x 15 1/2	As above.
	Colossus VIII	2000.00	A			116	600	20-20	0.02	P	No	No	Yes	2 1/2 x 8 3/4 x 26 1/2	As above.
	Juno VIII	345.00	A			98	22 x 4	20-20	0.05	P	No	No	Yes	1 7/8 x 7 1/2 x 10 1/4	Bridgeable; MOS-FET; accepts up to 13-V signals.
	Jupiter VIII	440.00	A			107	35 x 4	20-20	0.02	P	No	No	Yes	2 1/2 x 8 3/4 x 7 3/4	As above but accepts up to 9-V signals.
	Europa VIII	525.00	A			107	35 x 4	20-20	0.02	P	No	Yes	Yes	2 1/2 x 8 3/4 x 7 3/4	As above; crossover variable from 50 Hz to 5 kHz.
	Gemini VIII	700.00	A			109	50 x 4	20-20	0.02	P	No	Yes	Yes	2 1/2 x 8 3/4 x 11 3/8	As above.
	Olympus VIII	995.00	A			114	110 x 4	20-20	0.02	P	No	Yes	Yes	2 1/2 x 8 3/4 x 15 1/2	As above.
	Aphrodite VIII	1100.00	A			98	50 x 6	20-20	0.02	P	No	†	Yes	2 1/2 x 8 3/4 x 17 3/8	†Three-way crossover, variable from 45 Hz to 5 kHz. Bridgeable; MOS-FET; accepts up to 9-V signals.
	Cyclops VIII	425.00	A			113		20-20	0.02	P	No	Yes	Yes	2 1/2 x 8 3/4 x 6 1/8	Monoblock; crossover variable from 43 to 550 Hz; MOS-FET; accepts up to 9-V signals.
	Hercules VIII	600.00	A			116		20-20	0.02	P	No	Yes	Yes	2 1/2 x 8 3/4 x 11 3/8	As above.
	Atlas VIII	845.00	A			119		20-20	0.02	P	No	Yes	Yes	2 1/2 x 8 3/4 x 17 3/8	As above.
	Ulysses VIII	630.00	A			106	25	20-20	0.02	P	No	No	Yes	2 1/2 x 8 3/4 x 11 3/8	Bridgeable; MOS-FET; accepts up to 9-V signals; operates into 0.5-ohm load.
	Isis VIII	999.00	A			110	50	20-20	0.02	P	No	No	Yes	2 1/2 x 8 3/4 x 17 3/8	As above.
Eros VIII	415.00	A			107	35	20-20	0.02	P	No	No	Yes	2 1/2 x 8 3/4 x 6 1/8	As above but operates into 1 ohm.	
Titan VIII	499.00	A			110	50	20-20	0.02	P	No	No	Yes	2 1/2 x 8 3/4 x 7 3/4	As above.	
Cleo VIII	125.00	E	3	12	103			0.02	P	No	No	Yes	1 x 7 x 3 1/2	Quasi-parametric; variable center frequencies; separate left and right EQ controls; with Cupid VIII amp, \$289.00; with Pluto VIII, \$389.00; with Odin VIII, \$545.00.	
Plato VIII	245.00	E	10	12	103			0.02	P	No	No	Yes	1 x 8 3/4 x 4 7/8	Quasi-parametric; variable center frequencies; separate left and right EQ controls.	
Epsilon VIII	270.00	P/E	4	12	103			0.02	P	Yes	No	Yes	1 x 7 3/8 x 4 1/8	Half-DIN size; backlit.	
Vesta	125.00	P		18	103			0.02	P	Yes	No	Yes	1 3/8 x 3 1/2 x 6 3/8	Remote control for volume or fade.	
HOLLYWOOD SOUND	ED-2100	599.00	A			90	25	20-25	0.1	P	No	No	Yes	5 1/2 x 2 1/2 x 9 1/8	Bridgeable.
	ED-425VX	481.00	A			90	25 x 4	20-25	0.1	P	No	Yes	Yes	5 1/2 x 2 1/2 x 9 1/8	As above.
	ED-75VX	467.00	A			93	75	20-25	0.1	P	No	Yes	Yes	9 1/2 x 2 1/2 x 9 1/8	As above.
	ED-50VX	383.00	A			91	50	20-25	0.1	P	No	Yes	Yes	9 1/2 x 2 1/2 x 6 3/8	As above.
	RS-A100	311.00	A			90	50	20-25	0.1	P	No	No	Yes	9 1/2 x 2 1/2 x 3 3/8	As above.
	RS-A50	231.00	A			89	25	20-25	0.1	P	No	No	Yes	9 1/2 x 2 1/2 x 3	As above.
INFINITY	DPA-250	399.95	A			90	50	20-20	0.2	P	No	No	Yes	2 1/4 x 5 3/4 x 8 3/4	Bridgeable. †+10 dB at 40 Hz.
	DPA-275	499.95	A		†	90	75	20-20	0.2	P	No	No	Yes	2 1/4 x 6 3/8 x 8 3/4	Bass amp; bridgeable. †20 to 500 Hz.
	DPA-2300	999.95	A			90	250	†	0.2	P	No	No	Yes	2 1/4 x 13 x 8 3/4	
JBL (Continued)	GTH400	799.95	A	1	6	100	†	10-50	0.08	P/S		Yes	Yes		†Three-, four-, five-, or six-channel operation; six-channel mode, 30 watts x 4 and 80 watts x 2. Center-channel image enhancer with remote control; preamp output, bass EQ.

AMPS/EQUALIZERS

MANUFACTURER	Model	Price, \$	Preamp (P), Amp (A), Equalizer (E)	Number of EQ Bands	Boost/Cut Range, ±dB	S/N Ratio, -dB, A-Weighted	Watts/Channel into 4 Ohms, per EIA-490	Full-Power Bandwidth, Hz to kHz	THD at Rated Output, % per EIA-490	Input Levels: Preamp (P), Speaker (S)	Fader Control?	Includes Crossover?	RCA Input Jacks?	Dimensions, Inches	Notes
JBL (Continued)	GT0400	549.00	A			100	200 x 2†	10-40	0.05	P	No	Yes	Yes	17½ x 8½ x 2½	†Two-, three-, or four-channel operation. Simultaneous stereo and bridged mono output; biamp capable.
	GTQ200	399.00	A			100	100 x 2†	10-40	0.05	P	No	Yes	Yes	14½ x 8½ x 2½	†Two-, three-, or four-channel operation. As above.
	GTQ100	179.00	A			95	18 x 4	10-35	0.5	P/S	No	Yes	Yes	11½ x 4¼ x 2½	Biamp capable.
	GTS600	799.95	A	1	6	100	200	10-50	0.08	P/S	No	Yes	Yes		Simultaneous stereo and bridged mono output; preamp output; bass EQ.
	GTS300	549.95	A	1	6	100	100	10-50	0.08	P/S	No	Yes	Yes		As above.
	GTS150	289.00	A			100	50	10-30	0.05	P	No	No	Yes	11½ x 8½ x 2½	Bridges to 150 watts; simultaneous stereo and bridged mono output.
	GTS100	199.95	A			100	35	10-50	0.08	P/S		Yes	Yes		Simultaneous stereo and bridged mono output; preamp output.
GTS50	119.00	A			95	18				P/S	No	No	Yes	8½ x 4¼ x 2½	
GTE422	399.95	E	†	12	100					P/S	No	No	Yes	11½ x 7½ x 1½	†Can be configured as 11 per channel or 11 front and 11 rear.
JENSEN	A222HX	229.00	A			85	50	20-20	0.5	P/S		†	Yes	3 x 9¼ x 8	Bridgeable. †High-pass filter.
	A322LX	309.00	A			85	75	20-20	0.5	P/S		†	Yes	3 x 9¼ x 10	As above. †Low-pass filter.
	A4000	349.00	A			86	50 x 4	10-30	0.5	P/S			Yes	2½ x 9¾ x 16¾	Bridgeable.
	A4320	349.00	A			85	125 x 2††		0.5	P/S		No	Yes	16¾ x 2¾ x 9¾	††Two-, three-, or four-channel operation. Simultaneous stereo and bridged mono output; operates into 2 ohms.
	A432BBE	369.00	A			85	125 x 2††		0.5	P/S		No	Yes	16¾ x 2¾ x 9¾	Includes BBE harmonic-restoration processing; operates into 2 ohms.
	A82	70.00	A			85	18		1	P/S		No	Yes	5½ x 1¾ x 5¾	Floating ground.
	A84	130.00	A			85	18 x 4		1	P/S		No	Yes	5½ x 1¾ x 5¾	As above.
	EQA78	119.00	A/E	7	12	85	18 x 4		0.5	P/S	Yes	No	Yes	5 x 1 x 5½	Half-DIN size; illumination.
	EQA111	159.00	A/E	10	12	85	18 x 4		0.5	P/S	Yes	No	Yes	7 x 1 x 5½	As above.
	PEQ70X	159.00	P/E	7		85			0.5	P	Yes	Yes	Yes	5 x 1¼ x 5½	Switchable subwoofer output.
JVC	KS-EA200	149.95	A/E	7	12	90	12	20-30	0.8	P	Yes	No	Yes		
	KS-EA400	189.95	A/E	7	12	90	12 x 4	20-30	0.8	P	Yes	No	Yes		
	KS-ES100	309.95	E	9	12	90				P	Yes	No	Yes	DIN	Graphic.
	KS-AB2	149.95	A			100	25	20-40	0.08	P		No	Yes		Simultaneous stereo and bridged mono output.
	KS-A164	289.95	A			100	25 x 4	20-40	0.08	P		No	Yes		As above.
	KS-AG112GD	239.95	A			100	45	20-40	0.04	P		No	Yes		As above.
	KS-AG214GD	419.95	A			100	40 x 4	20-40	0.04	P		†	Yes		As above. †Low-pass filter.
KS-AG404GD	519.95	A			90	60 x 4	20-40	0.04	P		†	Yes		As above. †Low- and high-pass filters.	
KAWASAKI	KE-410	229.99	A/E	10	12	83	25 x 4	20-20	1	P/S	Yes	Yes	Yes	7 x 1 x 6½	Bridgeable.
KENWOOD	KAC-1023	899.00	A			105	200	20-20	0.003	P	No	Yes	Yes	11¼ x 2½ x 15¼	Simultaneous stereo and bridged mono output.
	KAC-923	449.00	A			105	100	20-20	0.03	P	No	Yes	Yes	10¾ x 2¼ x 10½	As above.
	KAC-823	349.00	A			105	70	20-20	0.05	P	No	Yes	Yes	10¾ x 2¼ x 8¾	As above.
	KAC-723	249.00	A			105	40	20-20	0.05	P	No	No	Yes	10¾ x 2¼ x 6¾	As above.
	KAC-943	529.00	A			100	50 x 4	20-20	0.05	P	No	Yes	Yes	10¾ x 2¼ x 10½	As above.
	KAC-074	449.00	A/E	5	10	100	40 x 4	20-20	0.08	P	No	Yes	Yes	11 x 2 x 12¼	As above.
	KAC-744	329.00	A			100	40 x 4	20-20	0.08	P	No	Yes	Yes	11 x 2 x 9½	As above.
	KAC-644	199.00	A			100	16 x 4	20-20	0.08	P	No	No	Yes	8¾ x 1½ x 7¾	As above.
	KAC-062	269.00	A/E	5	10	100	40	20-20	0.08	P	No	Yes	Yes	8¾ x 1½ x 7¾	As above.
	KAC-624	169.00	A			100	40	20-20	0.08	P	No	No	Yes	8¾ x 1½ x 5½	As above.
	KAC-524	129.00	A			100	30	20-20	0.08	P	No	No	Yes	8½ x 1½ x 5½	As above.
	KAC-424	79.00	A			100	20	20-20	1	P	No	No	Yes	5½ x 1¼ x 3¾	As above.
	KAC-714	199.00	A			100	100 x 1	20-300	0.08	P/S	No	†	Yes		Mono subwoofer amp. †Crossover variable from 30 to 200 Hz.
	KGC-9042	369.00	E	9	12	100			0.01	P	Yes	Yes	Yes	7½ x 1 x 5½	Electronic subwoofer output.
	KGC-6042A	259.00	E	†	12	100			0.01	P	Yes	Yes	Yes	7 x 1 x 5½	†9 graphic, 2 parametric.
	KGC-4032	179.00	A/E	9	12	100	20	15-60	0.03	P	Yes	Yes	Yes	7 x 1 x 6½	
	KGC-4042A	169.00	E	5	12	100			0.01	P	Yes	Yes	Yes	3½ x 1 x 4¾	
KDS-P110	459.00	E	†	12	100			0.05	P	Yes	No	Yes	7 x 1 x 5½	†4 parametric in manual mode, simulates 9 graphic in auto mode. Digital ambience processing (see also "Ambience/Surround"); spectrum analyzer, compander.	
KICKER	50si	329.00	A	†	†	100	25	10-28	0.01	P/S	No	†	Yes	9 x 1¼ x 6½	Simultaneous stereo and bridged mono output. †Optional EQ, crossover, and signal-processor plug-in modules.
	100si	479.00	A	†	†	100	50	10-28	0.01	P/S	No	†	Yes	12½ x 1¾ x 6½	As above.
	200si	639.00	A	†	†	100	100	10-28	0.01	P/S	No	†	Yes	12½ x 3 x 7¼	As above.
500si	1099.00	A	†	†	100	250	10-28	0.01	P/S	No	†	Yes	18 x 3 x 7	As above.	
KRACO	KA-2525	99.95	A			80	15	20-20	0.50	P/S	No		Yes	1¼ x 7 x 5¼	Protection circuitry.
	KA-5050	154.95	A			80	45	20-20	0.50	P/S	No		Yes	1¼ x 7 x 8	As above.
	KA-7575	209.95	A			80	60	20-20	0.50	P/S	No		Yes	1¼ x 7 x 11	As above.
LANZAR SOUND	LXR 50	249.95	A			90	25	10-35	0.03	P	No	Yes	Yes	8¾ x 2 x 7	Bridgeable.
	Series II LXR 100	299.95	A			90	50	10-35	0.03	P	No	Yes	Yes	8¾ x 2 x 9	As above.
	Series II LXR 1200	389.90	A			90	30 x 4	10-35	0.03	P	No	Yes	Yes	8¾ x 2 x 12	As above.
	Series II LXR 200	399.95	A			90	100	10-35	0.03	P	No	Yes	Yes	8¾ x 2 x 12	As above.
	Series II Optidrive Plus 50	319.95	A	1	18	100	25	8-85	0.01	P	No	Yes	Yes	9 x 2¾ x 10	As above.
Optidrive Plus 100	409.95	A	1	18	100	50	8-85	0.01	P	No	Yes	Yes	9 x 2¾ x 12	As above.	



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AMPS/EQUALIZERS

MANUFACTURER	Model	Price, \$	Preamp (P), Amp (A), Equalizer (E)	Number of EQ Bands	Boost/Cut Range, ±dB	S/N Ratio, -dB, A-Weighted	Watts/Channel into 4 Ohms, per EIA-490	Full-Power Bandwidth, Hz to kHz	THD at Rated Output, %, per EIA-490	Input Levels: Preamp (P), Speaker (S)	Fader Control?	Includes Crossover?	RCA Input Jacks?	Dimensions, Inches	Notes
LANZAR SOUND (Continued)	Optidrive Plus 150	599.95	A	1	18	100	75	8-85	0.01	P	No	Yes	Yes	9 x 2 3/8 x 13	As above.
	Optidrive Plus 200	699.95	A	1	18	100	100	8-85	0.01	P	No	Yes	Yes	9 x 2 3/8 x 14	As above.
	Optidrive Plus 500	1099.95	A	1	18	100	250	8-85	0.01	P	No	Yes	Yes	9 x 2 3/8 x 18	As above.
	Optidrive Plus 50C	1500.00	A	1	18	100	25	20-35	0.01	P	No	Yes	Yes	9 x 2 3/8 x 24	As above.
	Optidrive Plus 160	699.95	A	1	18	100	40 x 4	8-85	0.01	P	No	Yes	Yes	9 x 2 3/8 x 13	As above.
	OPTI E5	339.95	E	5	12	100			0.01	P	Yes	No	Yes	7 1/2 x 1 x 4 3/4	Backlit.
OPTI DA6	249.95	†			100			0.01	P				1 1/2 x 7 1/2 x 6 1/2	Preamp and distribution amp. Six buffered outputs.	
L.A. SOUND	Catalina Classic	799.00	A			85	125	10-40	0.05	P			Yes	9 1/8 x 2 1/2 x 20	Simultaneous stereo and bridged mono output; operates into 1 ohm.
	Balboa 300PL	499.00	A	2		87	150	9-40	0.05	P	Yes	Yes	Yes	9 1/8 x 2 1/2 x 18	As above but operates into 2 ohms.
	Laguna 190	299.00	A			86	75 x 2, 20 x 2	9-50	0.05	P/S	Yes	Yes	Yes	2 3/8 x 9 1/8 x 14 3/4	Bridgeable; operates into 2 ohms.
	Hermosa 150S	259.00	A			86	75	10-40	0.05	P	†	Yes	Yes	9 1/8 x 2 1/2 x 12 3/8	Operates into 2 ohms. †Subwoofer crossover.
	Malibu 120S	199.00	A			86	60	10-40	0.05	P	†	Yes	Yes	9 1/8 x 2 1/2 x 9 7/8	As above.
	Ventura 240	399.00	A			86	60 x 4	10-40	0.05	P		Yes	Yes	9 1/8 x 2 1/2 x 17	Operates into 2 ohms.
	Redondo 80N	139.00	A			80	20 x 4	20-20	0.09	P/S		Yes	Yes	9 1/8 x 2 1/2 x 6 1/2	As above.
	Zuma 40N	89.00	A			80	20	20-20	0.09	P/S		Yes	Yes	9 1/8 x 2 1/2 x 3 1/2	As above.
	LE 518X	229.00	P/E	5	12	105			0.01	P	Yes	Yes	Yes	Half DIN	
	LE F512	199.00	P/E	5	12	105			0.01	P	Yes	Yes	Yes	Half DIN	
LE P512N	119.00	P/E	5	12	100			0.03	P		Yes	Yes	1 1/8 x 4 1/2 x 7	Dual source inputs.	
LE Q1030	299.00	P/E	30	12	105			0.01	P		Yes	Yes	1 1/4 x 6 3/8 x 8 1/8	Third-octave spacing.	
LE Q1026	229.00	P/E	13	12	105			0.01	P	Yes	Yes	Yes	1 1/4 x 6 3/8 x 8 1/8	Half-octave bass EQ spacing; four channels out.	
LAZER	LA202	278.00	A			100	20	20-20	0.05	P	No	No	Yes	2 1/4 x 8 x 4	Simultaneous stereo and bridged mono output.
	LA502	398.00	A			100	50	20-20	0.05	P	No	No	Yes	2 1/4 x 8 x 7	As above.
	LA154	318.00	A			100	15 x 4†	20-20	0.05	P	No	Yes	Yes	2 1/4 x 8 x 7	†Two-, three-, or four-channel operation. As above.
	LA304	458.00	A			100	30 x 4†	20-20	0.05	P	No	No	Yes	2 1/4 x 8 x 7	As above.
LINEAR POWER	LP50	199.00	A			90	25	20-20	0.05	P/S	No	Yes	Yes	8 x 2 x 6	Bridgeable.
	202LV	289.00	A			90	10	20-20	0.05	P/S	No	Yes	Yes	8 x 2 x 8	As above; operates into 1 ohm.
	302IQ	149.00	A			80	15	20-20	0.05	P/S	No	Yes	Yes	2 x 7 3/4 x 4 1/2	Bridgeable.
	452IQ	249.00	A			80	22.5	20-20	0.05	P/S	No	Yes	Yes	2 x 7 3/4 x 5 1/2	As above.
	652IQ	169.00	A			85	32.5	20-20	0.12	P/S	No	Yes	Yes	2 x 7 3/4 x 5 1/2	As above.
	992IQ	299.00	A			50		20-20	0.05	P/S	No	Yes	Yes	2 x 7 3/4 x 7 1/2	As above.
	1502IQ	399.00	A			75		20-20	0.07	P/S	No	Yes	Yes	2 x 7 3/4 x 9 1/2	As above.
	2202IQ	499.00	A			80	110	20-20	0.09	P/S	No	Yes	Yes	3 x 9 1/2 x 9 3/4	As above.
	2502IQ	599.00	A			80	125	20-20	0.09	P/S	No	Yes	Yes	3 x 9 1/2 x 12	As above.
	5002IQ	1099.00	A			80	250	20-20	0.12	P/S	No	Yes	Yes	3 x 9 1/2 x 14 1/2	As above.
	4253IQ	339.00	A			100	25 x 4	20-20	0.05	P/S	Yes	Yes	Yes	2 1/4 x 10 x 8	As above.
	4503IQ	549.00	A			100	50 x 4	20-20	0.05	P/S	Yes	Yes	Yes	2 1/4 x 10 x 10 1/2	As above.
	4753IQ	799.00	A			100	75 x 4	20-20	0.05	P/S	Yes	Yes	Yes	2 1/4 x 10 x 13	As above.
	2202S	1200.00	A			85	220 x 1	20-500 Hz	0.05	P/S	No	Yes	Yes	3 x 9 1/2 x 9 3/4	Mono subwoofer amp; servo-controlled; includes four 8-inch woofers.
	5002S	1899.00	A			80	250	20-500 Hz	0.08	P/S	No	Yes	Yes	3 x 9 1/2 x 14 1/2	Subwoofer amp; servo-controlled; includes two 12-inch woofers.
	1001SW	349.00	A			90	100 x 1	20-180 Hz	0.05	P/S	Yes	Yes	Yes	2 x 7 3/4 x 9 1/2	Mono subwoofer amp; high-pass line output.
2001SW	599.00	A			90	200 x 1	20-250 Hz	0.05	P/S	Yes	Yes	Yes	2 x 12 x 8	As above.	
8002SW	1599.00	A			85	800 x 1†	20-20 Hz	0.09	P/S	No	Yes	Yes	3 1/2 x 10 1/2 x 17	†Into 8 ohms. Monoblock.	
BV-Combo	599.00	A			85	†	20-20 Hz	0.08	P/S	No	No	Yes	2 x 7 3/4 x 9 1/2	†Biamplifier, 30 watts x 2 and 60 watts x 1. Bass vent.	
PA-1	229.00	P/E	3	14	95			0.06	P/S	No	Yes	Yes	7 x 1 x 3 1/2	Dual source inputs.	
PA-2	399.00	P/E	4	16	105			0.01	P/S	No	No	Yes	7 x 1 x 3 1/2	With separate, wired controls for custom mounting, \$499.00.	
MAJESTIC	MAX AMP 50	250.00	A			80	50	20-20	0.05	P	No	No	Yes	7 3/4 x 8 1/4 x 2 1/4	Bridgeable.
	MAX AMP 100	300.00	A			80	100	20-20	0.05	P	No	No	Yes	11 x 8 1/4 x 2 1/4	As above.
	MAX AMP 150	400.00	A			80	150	20-20	0.05	P	No	No	Yes	15 1/2 x 8 1/4 x 2 1/4	As above.
	MEB710	79.95	A/E	7	12	75	30	20-20	3	P/S	Yes	No	Yes	6 x 1 x 4	LEO level indicators; floating and common ground.
	MEB2010	89.95	P/A/E	10	12	65	50	20-20		P/S	Yes	No	Yes	7 x 1 1/4 x 5 1/2	Floating and common ground; passive EQ capability.
	MEB1070S	99.95	A/E	7	12	70	40	20-20		P/S	Yes	No	Yes	7 x 1 x 5 1/2	Includes spectrum analyzer; boost bypass switch; floating and common ground.
	MPA8000S	89.95	P/E	7	12	70			0.1	P/S	Yes	Yes	Yes	7 x 1 x 5 1/2	Floating and common ground.
	MPA6PG	99.95	P/E	5	12	100			0.02	P/S	No	No	Yes	7 x 1 x 4 1/2	Parametric.
	MPA8500S	109.95	P/E	7	12	70			0.02	P/S	Yes	Yes	Yes	7 x 1 x 4 1/2	Four-channel operation; 9-V powering for portable CD players; CD input.
	MPA8800	109.95	P/E	7	12					P/S	Yes	†	Yes	7 x 1 x 5 1/2	†Subwoofer crossover, 80 or 150 Hz. Spectrum analyzer.
	MA60	49.95	A			50	30	50-15	0.9	P/S	No	No	Yes	4 1/2 x 1 x 5 1/2	BTL output circuit.
MA120	79.95	A			65	50	20-20	0.1	P/S	No	No	Yes	8 3/8 x 2 3/8 x 3 3/4	Bridgeable; MOS-FET; operates into 2 ohms.	
MA160A	119.95	A			70	80	20-20	0.05	P/S	No	Yes	Yes	5 1/8 x 2 1/2 x 7 7/8	As above.	
MA550HD	169.95	A			70	50	20-20	0.05	P/S	No	No	Yes	7 7/8 x 7 7/8 x 2 1/2	As above.	
MA8900A	69.95	A			80	40	20-20	1	P/S	No	No	Yes	5 x 1 3/4 x 4 3/4	BTL circuitry.	

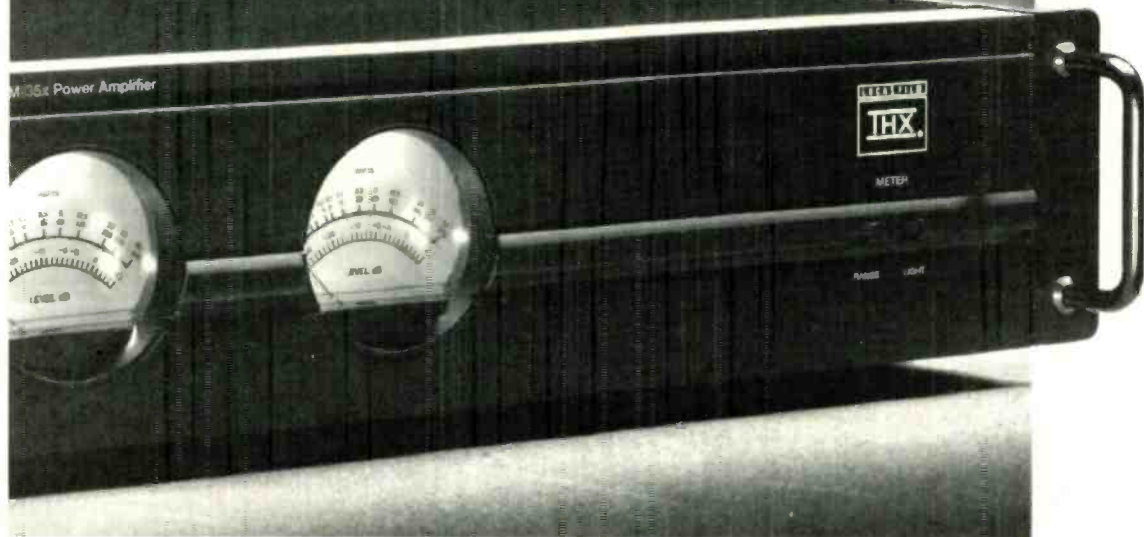
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AMPS/EQUALIZERS

MANUFACTURER	Model	Price, \$	Preamp (P), Amp (A), Equalizer (E)	Number of EQ Bands	Boost/Cut Range, ±dB	S/N Ratio, dB, A-Weighted	Watts/Channel into 4 Ohms, per EIA-490	Full-Power Bandwidth, Hz to kHz	THD at Rated Output, %, per EIA-490	Input Levels: Preamp (P), Speaker (S)	Fader Control?	Includes Crossover?	RCA Input Jacks?	Dimensions, inches	Notes
MAJESTIC (Continued)	MA9100A	189.95	A			80	36	20-20	0.05	P/S	No	No	Yes	10½ x 2¾ x 6	Bridgeable; MOS-FET; Class A for 2-ohm operation. As above. As above. As above. As above. As above. †Two-, three-, or four-channel operation. MOS-FET; operates into 2 ohms. As above.
	MA9300SW	249.95	A			80	50	20-20	0.05	P/S	No	Yes	Yes	10½ x 2¾ x 8	
	MA9400SW	269.95	A			80	75	20-20	0.05	P/S	No	Yes	Yes	10½ x 2¾ x 9¼	
	MA9500SW	299.95	A			80	100	20-20	0.05	P/S	No	Yes	Yes	10½ x 2¾ x 10	
	MA9800A	599.95	A			80	200	20-20	0.05	P/S	No	Yes	Yes	10½ x 2¾ x 18	
	MA430HD	279.95	A			80	70 x 2†	20-20	0.05	P/S	No	No	Yes	10½ x 2¾ x 10	
	MA460HD	299.95	A			80	300 x 2†	20-20	0.05	P/S	No	Yes	Yes	11 x 2¾ x 11¼	
McINTOSH	MC420	690.00	A			115	85 x 4	5-50	0.005	P/S	No	Yes	Yes	14½ x 2¾ x 12	†Six-channel mode, 85 watts x 4 and 170 watts x 2. ††Modular design, installs in amp.
	MC431	990.00	A			115	170 x 4	5-50	0.005	P/S	Yes	Yes	Yes	19 x 2¾ x 12	
	MC440	1190.00	A			115	†	5-50	0.005	P/S	Yes	Yes	Yes	19 x 2¾ x 12	
	MEQ450	400.00	E	3	15	100			0.005			No	††	††	
	MEQ451	400.00	E	6	15	97			0.005			No	††	††	
	MEQ452	800.00	E	6	15	97			0.005			No	††	††	
MEI	DA7255	329.95	A			95	110	20-20	0.5	P/S	No	†	Yes	14 x 9½ x 2¼	†Subwoofer crossover. Bridgeable. Bridgeable. As above. As above. As above.
	DA7440	279.95	A			95	50 x 4	20-20	0.5	P/S	No	No	Yes	14 x 9½ x 2¼	
	DA7230	224.95	A			95	70	20-20	0.5	P/S	No	No	Yes	11¼ x 9½ x 2¼	
	DA7220	164.95	A			95	50	20-20	0.5	P/S	No	No	Yes	7¼ x 9½ x 2¼	
	DA7210	79.95	A			85	15	20-20	0.5	P/S	No	No	Yes	3½ x 9½ x 2¼	
	PA7425	79.95	A			90	15 x 4	20-30	0.5	P/S	No	No	Yes		
	PA7225	59.95	A			90	15	20-30	0.5	P/S	No	No	Yes		
MILBERT AMPLIFIERS	BaM-230	1895.00	A			90	30	20-60	2	P/S	No	No	Yes	18 x 4½ x 6¾	Bridgeable; tube design. Tube/transistor design; input levels, 300 mV to 15 V. Tube/transistor design. As above.
	1AMP-250	995.00	A			90	50	5-95	2	P/S	No	No	Yes	7 x 7 x 1¾	
	TC-2R	670.00	P/E	2	10	90			2	P	Yes	Yes	Yes	7 x 2 x 4½	
	TC-4R	830.00	P/E	2	10	90			2	P	Yes	Yes	Yes	7 x 2 x 4½	
MMATS AMPLIFIERS	2025	349.00	A			105	25	5-20	0.05	P	No	No	Yes	4½ x 9½ x 3	Bridges to 105 watts; simultaneous stereo and bridged mono output; operates into 2 ohms; 1-ohm version, \$559.00. As above but bridges to 210 watts; 1-ohm version, \$629.00. Bridges to 310 watts; simultaneous stereo and bridged mono output; operates into 2 ohms. As above but bridges to 360 watts. †Two-, three-, or four-channel operation. ††High- and low-pass filters. Bridges to 105 watts x 2.
	2050	499.00	A			105	50	5-20 ±1	0.05	P	No	No	Yes	7 x 9½ x 3	
	2075	559.00	A			105	75	5-20 ±1	0.05	P	No	No	Yes	7 x 9½ x 3	
	2100	629.00	A			105	100	5-20 ±1	0.05	P	No	No	Yes	7 x 9½ x 3	
	4025	649.00	A			105	25 x 4†	5-20 ±1	0.05	P	No	††	Yes	8 x 9½ x 3	
M & M ELECTRONICS	MM-50	312.95	A			85	25	10-40	0.05	P	No	No	Yes		Bridgeable. As above. As above. As above.
	MM-100	407.95	A			89	50	10-40	0.05	P	No	No	Yes		
	MM-150	501.95	A			97	75	10-40	0.05	P	No	No	Yes		
	MM-250	705.95	A			100	125	10-40	0.05	P	No	No	Yes		
MONOLITHIC SOUND	S-50X	199.00	A			100	25	20-150 Hz	0.1	S		†	Yes		Operates into 2 ohms. †Adjustable low-pass filter. Mono subwoofer amp; operates into 2 ohms.
	S-25X	149.00	A			100	25 x 1	20-150 Hz	0.05	S		Yes	Yes	4¾ x 1½ x 4¼	
	PA-100	119.00	A			100	20 x 1	20-20	0.05	P		Yes	Yes	4¾ x 1½ x 4¼	Mono center-fill amp. Operates into 2 ohms.
	PA-200	189.00	A			100	20	20-20	0.05	P		Yes	Yes	4¾ x 1½ x 4¼	
	PA-400	299.00	A			100	20 x 4	20-20	0.05	P		Yes	Yes	4¾ x 1½ x 4¼	As above. As above; gain control for each channel.
	PA-700	499.00	A			105	70	20-25	0.01	P		Yes	Yes	6½ x 2¾ x 6¾	
	PA-2000S	629.00	A			105	100	20-25	0.01	P		Yes	Yes	6½ x 2¾ x 9½	As above; simultaneous stereo and bridged mono output. Separate gain control for each channel; operates into 2 ohms. †With fader, \$749.00. ††With crossover, \$849.00.
	PA-24000	699.00	A			105	60 x 4	20-25	0.01	P	†	††	Yes	6½ x 2¾ x 11½	
	PA-5000	1499.00	A			110	240	10-30	0.01	P		Yes	Yes	13 x 3½ x 11	Simultaneous stereo and bridged mono output; operates into 2 ohms; dual power supplies. Mono center-fill amp; operates into 1 ohm. Operates into 1 ohm; separate gain control for each channel.
	PRO-10	129.00	A			105	10 x 1	20-20	0.05	P		Yes	Yes	4¾ x 1½ x 4¼	
	PRO-600	549.00	A			110	30	10-25	0.01	P		Yes	Yes	6½ x 2¾ x 6¾	As above; simultaneous stereo and bridged mono output. Operates into 1 ohm; separate gain controls for each channel. †With crossover, \$899.00.
	PRO-1000S	679.00	A			110	50	10-25	0.01	P		Yes	Yes	6½ x 2¾ x 9½	
	PRO-1000Q	749.00	A			110	25 x 4	10-25	0.01	P		†	Yes	6½ x 2¾ x 11½	Monoblock; operates into 2 ohms. Simultaneous stereo and bridged mono output; operates into 1 ohm; dual power supplies. Class A; operates into 1 ohm. As above; monoblock.
	PRO-2000M	699.00	A			110	240 x 1	10-25	0.01	P		Yes	Yes	6½ x 2¾ x 9½	
	PRO-2000DM	1599.00	A			110	100	10-25	0.01	P		Yes	Yes	13 x 3½ x 11	Class A; simultaneous stereo and bridged mono output; dual power supplies. Separate gain controls for each channel. As above; parametric EQ; external processor loop, half-DIN size.
	Class A50S	549.00	A			110	25	10-30	0.01	P		Yes	Yes	6½ x 2¾ x 6¾	
	Class A Monoblock	799.00	A			110	50 x 1	10-30	0.01	P		Yes	Yes	6½ x 2¾ x 9½	Class A; simultaneous stereo and bridged mono output; dual power supplies. Separate gain controls for each channel. As above; parametric EQ; external processor loop, half-DIN size. Third-octave bass EQ. †Low-pass filter. 2/3-octave spacing. Third-octave spacing.
	Class A Dual Mono	1599.00	A			110	50	10-30	0.01	P		Yes	Yes	13 x 3½ x 11	
	EO-4	299.00	P/E	4	12	105				0.01	P		Yes	Yes	1½ x 4¾ x 3½
	PEOF	399.00	P/E	4	18	110				0.01	P	Yes	Yes	1¼ x 7 x 4	
Tune EO-10	399.00	E	10	16	100				0.01	P	No	†		Third-octave bass EQ. †Low-pass filter. 2/3-octave spacing. Third-octave spacing.	
Tune EO-20	499.00	E	20	16	100				0.01	P	No	No			
Tune EO-3†	799.00	E	31	16	100				0.01	P	No	No			

(Continued)

TFM-35x



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AMPS/EQUALIZERS

MANUFACTURER	Model	Price, \$	Preamp (P), Amp (A), Equalizer (E)	Number of EQ Bands	Boost/Cut Range, ±dB	S/N Ratio, dB, A-Weighted	Watts/Channel into 4 Ohms, per EIA-490	Full-Power Bandwidth, Hz to kHz	THD at Rated Output, % per EIA-490	Input Levels: Preamp (P), Speaker (S)	Fader Control?	Includes Crossover?	RCA Input Jacks?	Dimensions, Inches	Notes	
PHOENIX GOLD (Continued)	M25	319.99	A			100	25	20-50	0.007	P	No	Yes	10 $\frac{3}{8}$ x 8 $\frac{1}{4}$ x 2			
	M44	629.99	A			100	40 x 4	20-50	0.007	P	Yes	Yes	10 $\frac{3}{8}$ x 17 x 2			
	M50	419.99	A			100	50	20-50	0.007	P	No	Yes	10 $\frac{3}{8}$ x 11 $\frac{3}{8}$ x 2			
	M100	629.99	A			100	100	20-50	0.007	P	Yes	Yes	10 $\frac{3}{8}$ x 17 x 2			
	Route 66	1066.66	A			100	40 x 6	20-50	0.007	P	Yes	Yes	10 $\frac{3}{8}$ x 26 $\frac{3}{8}$ x 2			
	MS275	529.99	A			100	75	20-50	0.007	P	No	Yes	11 $\frac{3}{8}$ x 8 $\frac{1}{2}$ x 2 $\frac{3}{8}$			
	MS2125	829.99	A			100	125	20-50	0.007	P	No	Yes	11 $\frac{3}{8}$ x 17 x 2 $\frac{3}{8}$			
	MS2250	1499.99	A			100	250	20-50	0.007	P	No	Yes	25 $\frac{1}{2}$ x 11 $\frac{3}{4}$ x 3 $\frac{3}{8}$			
	MPS2240	529.99	A			100	24	20-50	0.007	P	No	Yes	11 $\frac{3}{8}$ x 8 $\frac{1}{2}$ x 2 $\frac{3}{8}$			
	MPS2500	899.99	A			100	50	20-50	0.007	P	No	Yes	11 $\frac{3}{8}$ x 17 x 2 $\frac{3}{8}$			
	Son of Frank Amp Stein	2299.98	A			100	75 x 2, 125 x 2	20-50	0.007	P	Yes	Yes	Yes	25 $\frac{1}{2}$ x 11 $\frac{3}{8}$ x 2 $\frac{3}{8}$		
	EQ215	259.99	E	†	12	105				P	No	Yes	11 $\frac{1}{4}$ x 8 x 2	†15 per channel. With crossover, \$359.99		
	EQ230	599.99	E	†	12	105				P	No	Yes	11 $\frac{1}{4}$ x 12 x 2	†30 per channel.		
	PLD1	139.99	P			110				P	No	Yes	5 $\frac{1}{4}$ x 3 x 1 $\frac{1}{4}$	Line driver.		
TBAT	139.99	P			110				P	No	Yes	5 $\frac{1}{4}$ x 3 x 1 $\frac{1}{4}$	Balanced line transmitter for EQ230.			
TBA1	249.99	P			110				P	No	Yes	Two Chassis	Balanced line amp.			
PIONEER	RS-A2	1000.00	A	3	12	106	50	20-20	0.002	P/S	No	Yes	No	11 x 3 $\frac{3}{8}$ x 10 $\frac{1}{4}$	Class A; bridgeable; Optical Digital Reference component.	
	RS-A1	1000.00	A	3	12	102	15	20-20	0.002	P/S	No	Yes	No	11 x 3 $\frac{3}{8}$ x 10 $\frac{1}{4}$	As above but bridges to 60 watts.	
	RS-P1	1000.00	E	31	12					P/S	Yes	Yes	No	10 $\frac{1}{4}$ x 10 $\frac{1}{4}$ x 3 $\frac{3}{8}$	Optical Digital Reference component.	
	RS-P50	1000.00	E	16	12					P/S	Yes	Yes	No	10 $\frac{1}{4}$ x 10 $\frac{1}{4}$ x 3 $\frac{3}{8}$	As above.	
	GM-H200	625.00	A			105	100	20-20	0.05	P		Yes	Yes	10 $\frac{3}{8}$ x 2 $\frac{1}{4}$ x 13 $\frac{3}{8}$	Bridges to 300 watts; simultaneous stereo and bridged mono output.	
	GM-H120	425.00	A			100	30 x 4†	20-20	0.05	P		Yes	Yes	10 $\frac{3}{8}$ x 2 x 13 $\frac{3}{8}$	†Two-, three-, four-, five-, or six-channel operation.	
	GM-H100	300.00	A	1	+12	100	50	20-20	0.05	P	No	Yes	Yes	10 $\frac{3}{8}$ x 2 $\frac{1}{4}$ x 10 $\frac{1}{4}$	Bridges to 160 watts; simultaneous stereo and bridged mono output.	
	GM-H50	235.00	A	1	+12	100	25	20-20	0.05	P	No	Yes	Yes	10 $\frac{3}{8}$ x 2 x 7	As above but bridges to 80 watts.	
	GM-H44	320.00	A			100	25 x 4	10-50	0.05	P	No	Yes	Yes	12 $\frac{1}{4}$ x 1 $\frac{1}{8}$ x 8 $\frac{3}{4}$	Bridgeable.	
	GM-H22	170.00	A			100	25	10-50	0.003	P	No	No	Yes	9 x 1 $\frac{1}{8}$ x 7 $\frac{1}{8}$	Simultaneous stereo and bridged mono output.	
	GM-900	140.00	A			94	25	10-50	0.015	P	No	No	Yes	7 $\frac{1}{2}$ x 1 $\frac{1}{4}$ x 5 $\frac{1}{8}$	Operates into 2 ohms.	
	GM-840	140.00	A			94	15 x 4	10-50	0.025	P	No	Yes	Yes	7 $\frac{1}{2}$ x 1 $\frac{1}{4}$ x 5 $\frac{1}{2}$	As above; bridgeable.	
	GM-600	80.00	A			94	18	20-20	0.015	P	No	No	Yes	5 $\frac{1}{2}$ x 1 $\frac{1}{8}$ x 4	Operates into 2 ohms.	
	BP-880	200.00	A/E	7	12	85	8 x 4	50-15	5	P/S	Yes	Yes	Yes	7 x 1 x 5 $\frac{7}{8}$		
BP-650	155.00	A/E	7	12	85	12	50-15	5	P/S	Yes	Yes	Yes	7 x 1 x 5 $\frac{7}{8}$			
EQ-6500	260.00	E	9	12	101			0.05	P	Yes	†	Yes	7 x 1 x 4 $\frac{3}{4}$	†Subwoofer low-pass frequency variable from 40 to 120 Hz; crossover follows EQ Illumination.		
EQ-4500	175.00	E	9	12	101			0.05	P	Yes	No	Yes	7 x 1 x 4 $\frac{3}{4}$	†Subwoofer low-pass frequency variable from 40 to 120 Hz; crossover follows EQ Illumination.		
PRECISION POWER	A 100	279.00	A			102	25	10-50	0.02	P	No	Yes	9 $\frac{1}{4}$ x 2 x 6	Regulated power supply.		
	A 200	379.00	A			102	50	10-50	0.02	P	No	Yes	9 $\frac{1}{4}$ x 2 x 8 $\frac{1}{2}$	As above.		
	A 300	499.00	A			102	75	10-50	0.02	P	No	Yes	9 $\frac{1}{4}$ x 2 x 10 $\frac{3}{8}$	As above.		
	A 600	649.00	A			102	150	10-50	0.02	P	No	Yes	9 $\frac{1}{4}$ x 2 x 12	As above.		
	A 1200	1199.00	A			102	300	10-50	0.02	P	No	Yes	9 $\frac{1}{4}$ x 2 x 24	As above.		
	2350 DM	1869.00	A			102	350	10-50	0.02	P	No	Yes	8 $\frac{1}{2}$ x 3 $\frac{3}{8}$ x 23	As above.		
	A 204	429.00	A			102	25 x 4	10-50	0.02	P	No	Yes	9 $\frac{1}{4}$ x 2 x 10	As above.		
	A 404	549.00	A			102	50 x 4	10-50	0.02	P	No	Yes	9 $\frac{1}{4}$ x 2 x 13	As above.		
	AX 400	699.00	A			102	50 x 4	10-50	0.02	P	Yes	Yes	Yes	9 $\frac{1}{4}$ x 2 x 15	As above.	
	5075 DX	899.00	A			102	50 x 2, 75 x 2	10-50	0.02	P	Yes	Yes	Yes	8 x 2 $\frac{1}{8}$ x 19 $\frac{1}{4}$	As above.	
	PRO MOS 12	349.00	A			102	12.5	10-50	0.02	P	No	Yes	Yes	8 x 2 $\frac{1}{8}$ x 6	Simultaneous stereo and bridged mono output; operates into 1 ohm.	
	PRO MOS 25	499.00	A			102	25	10-50	0.02	P	No	Yes	Yes	8 x 2 $\frac{1}{8}$ x 9	As above.	
	PRD MOS 50	649.00	A			102	50	10-50	0.02	P	No	Yes	Yes	8 x 2 $\frac{1}{8}$ x 12	As above.	
	PRO MOS 425	699.00	A			102	25 x 4	10-50	0.02	P	No	Yes	Yes	8 x 2 $\frac{1}{8}$ x 18	As above.	
	PRO MOS 450	899.00	A			102	50 x 4	10-50	0.02	P	No	Yes	Yes	8 x 2 $\frac{1}{8}$ x 24	As above.	
	APA 50	199.00	A			93	25	10-50	0.08	P	No	Yes	Yes	8 $\frac{1}{8}$ x 2 $\frac{1}{8}$ x 5 $\frac{1}{8}$	Bridgeable; protection circuitry.	
	APA 100IX	299.00	A			93	50	10-50	0.08	P	Yes	Yes	Yes	8 $\frac{1}{8}$ x 2 $\frac{1}{8}$ x 7 $\frac{1}{8}$	As above.	
	APA 200IX	399.00	A			93	100	10-50	0.08	P	Yes	Yes	Yes	8 $\frac{1}{8}$ x 2 $\frac{1}{8}$ x 9 $\frac{1}{8}$	As above.	
	APA 430IX	369.00	A			93	30 x 4	10-50	0.08	P	Yes	Yes	Yes	8 $\frac{1}{8}$ x 2 $\frac{1}{8}$ x 10 $\frac{1}{8}$	As above.	
Sedona 460IX	499.00	A			93	60 x 4	10-50	0.08	P	Yes	Yes	Yes	8 $\frac{1}{8}$ x 2 $\frac{1}{8}$ x 12 $\frac{1}{8}$	As above.		
APA 500IX	699.00	A			93	250	10-50	0.08	P	No	Yes	Yes	8 $\frac{1}{8}$ x 2 $\frac{1}{8}$ x 24	As above.		
PAR 225	499.00	P/E	5	18	110			0.002	P	Yes	No	Yes	6 $\frac{3}{4}$ x 1 x 4 $\frac{3}{4}$	Quasi-parametric EQ; 16 selectable frequency/Q settings per band.		
PEQ 114	269.00	P/E	4	12	110			0.002	P	No	No	Yes	6 $\frac{3}{4}$ x 1 x 3			
EQM 300	99.00	E	2	†	102			0.008	P	No	No	Yes	3 $\frac{3}{4}$ x 1 $\frac{1}{4}$ x 3	†+10 dB at 50 Hz, -6 dB at 160 Hz.		
PREDATOR	M-50	219.99	A/E	2	14	95	25	20-20	0.04	P	No	No	Yes	8.7 x 2.4 x 7.4	Bridgeable.	
	M-100	273.99	A/E	2	14	95	50	20-20	0.04	P	No	No	Yes	8.7 x 2.4 x 9.2	As above.	
	M-150	309.99	A/E	2	14	95	75	20-20	0.04	P	No	No	Yes	8.7 x 2.4 x 10.6	As above.	
	M-450	453.99	A/E	2	14	95	50 x 4	20-20	0.04	P	No	No	Yes	8.7 x 2.4 x 13.6	As above.	
PRESTIGE	PA-440	249.95	A			105	40 x 4	10-50	0.05	P	No	†	Yes	10 $\frac{3}{8}$ x 2 x 10	Bridgeable. †High- and low-pass filters.	
	PA-460	289.95	A			105	60 x 4	10-50	0.05	P	No	†	Yes	10 $\frac{3}{8}$ x 2 x 11 $\frac{3}{8}$	As above.	
	PEQ-70	120.00	E	7	12	80				P	Yes	Yes	Yes	7 x 1 x 5 $\frac{1}{2}$	CD input.	
PROFILE	A1200XL	589.95	A			80	105	300	20-20	0.05	P	No	Yes	2 $\frac{1}{4}$ x 8 $\frac{1}{4}$ x 23 $\frac{3}{4}$	Bridgeable; power LED strip.	
	A640XL	289.95	A			80	105	75 x 4	20-20	0.05	P	No	Yes	2 $\frac{1}{4}$ x 8 $\frac{1}{4}$ x 12 $\frac{1}{4}$	As above.	
	A600XL	279.95	A			80	105	150	20-20	0.05	P	No	Yes	2 $\frac{1}{4}$ x 8 $\frac{1}{4}$ x 12	As above.	
	A440XL	229.95	A			80	100	50 x 4	20-20	0.05	P	No	Yes	2 $\frac{1}{4}$ x 8 $\frac{1}{4}$ x 9 $\frac{1}{8}$	As above.	
	A400XL	179.95	A			80	100	100	20-20	0.05	P/S	No	Yes	2 $\frac{1}{4}$ x 8 $\frac{1}{4}$ x 8 $\frac{1}{2}$	As above.	
	A200XL	159.95	A			80	100	50	20-20	0.05	P/S	No	Yes	2 $\frac{1}{4}$ x 8 $\frac{1}{4}$ x 6 $\frac{1}{8}$	As above.	
(Continued)	A140XL	89.95	A			95	20 x 4	20-20	0.12	P/S	No	Yes	1 $\frac{1}{8}$ x 5 $\frac{1}{2}$ x 8 $\frac{3}{4}$			

AMPS/EQUALIZERS

MANUFACTURER	Model	Price, \$	Preamp (P), Amp (A), Equalizer (E)	Number of EQ Bands	Boost/Cut Range, ±dB	S/N Ratio, -dB, A-Weighted	Watts/Channel into 4 Ohms, per EIA-490	Full-Power Bandwidth, Hz to kHz	THD at Rated Output, %, per EIA-490	Input Levels: Preamp (P), Speaker (S)	Fader Control?	Includes Crossover?	RCA Input Jacks?	Dimensions, Inches	Notes	
PROFILE (Continued)	A100XL	64.95	A			95	20	20-20	0.12	P/S		No	Yes	1 7/8 x 5 1/2 x 4 3/4		
	PA4060	289.95	A			105	60 x 4	20-20	0.12	P		No	Yes	2 3/8 x 10 1/4 x 12 5/8		
	PA2120	279.95	A		Var.	105	120	20-20	0.12	P		No	Yes	2 3/8 x 10 1/4 x 12		
	PA2060	169.95	A		Var.	105	60	20-20	0.12	P		No	Yes	2 3/8 x 10 1/4 x 7 7/8		
	PA2045	139.95	A		Var.	105	45	20-20	0.12	P		No	Yes	2 3/8 x 10 1/4 x 5 1/2		
	QXE20	109.95	E	7		95					Yes	Yes	Yes			
	QXE10	59.95	E	10		80					Yes	Yes	Yes			
QXF7	54.95	E	7		80					Yes	Yes	Yes				
AEO10A	54.95	E	10		80					Yes	Yes	Yes				
PROTON	CA-231	160.00	A			95	30	20-20	0.05	S			Yes	2 3/8 x 9 1/8 x 7 1/4	Bridgeable. As above.	
	CA-261	230.00	A			95	60	10-90	0.05	S			Yes	2 3/8 x 10 x 9 1/8		
	CA-235	170.00	A			100	35	10-80	0.05	S			Yes	2 1/8 x 8 1/4 x 8 1/8		
	CA-435	320.00	A			95	35 x 4	10-60	0.05	S			Yes	2 1/4 x 12 5/8 x 9 3/8		
REALISTIC	12-1966	59.99	A/E	7	12	70	20	30-40	0.9	S	Yes	No	Yes	1 3/4 x 6 3/8 x 4	CD input.	
	12-1967	149.99	A			85		10-30		S	No	No	Yes	2 3/8 x 10 3/8 x 9 1/8		
	12-1969	79.99	A/E	7	12	80	30	60-15	1	S	Yes	No	Yes	1 1/8 x 7 1/8 x 6 3/8	As above.	
ROADMASTER	PB500N3	59.99	A			80	50	20-20	1	S	No	No	No	5 x 1 1/8 x 4 3/4		
	EA400N3	79.99	A/E	5	12	80	50	20-20	1	S	Yes	No	No	5 x 1 1/8 x 4 3/4		
	EA1000N3	129.99	A/E	10	12	80	50	20-20	1	S	Yes	No	No	6 x 1 1/4 x 4 3/8		
ROCKFORD FOSGATE	Power 1000C	2850.00	A			80	150 x 4	20-20	0.05	P	No	No	Yes	7 3/8 x 3 3/4 x 21 1/8	LED indicators.	
	Power 650	1775.00	A			80	125 x 4	20-20	0.05	P	No	No	Yes	7 1/4 x 2 1/2 x 18 3/8		
	Power 300	999.00	A	2		80	50 x 4	20-20	0.05	P	No	Yes	Yes	7 1/4 x 2 1/2 x 14 1/4		
	Punch 40i	329.00	A	2	†	110	20	20-20	0.05	P/S	No	No	Yes	9 3/8 x 2 3/8 x 9 5/8	†+12 and +18 dB. Protection circuitry.	
	Punch 60ix	449.00	A	2	†	110	30	20-20	0.05	P/S	No	Yes	Yes	9 3/8 x 2 3/8 x 10 5/8		
	Punch 100ix	569.00	A	2	†	110	50	20-20	0.05	P/S	No	Yes	Yes	9 3/8 x 2 3/8 x 11 5/8		
	Punch 200ix	679.00	A	2	†	110	100	20-20	0.05	P/S	No	Yes	Yes	9 3/8 x 2 3/8 x 12 5/8		
	Punch 4040	599.00	A	2	†	100	20 x 4	20-20	0.05	P/S	Yes	††	Yes	9 3/8 x 2 3/8 x 12 5/8	††Three crossovers.	
	DSM															
	Punch 40R0	720.00	A	2	†	100	40 x 4	20-20	0.05	P/S	Yes	††	Yes	9 3/8 x 2 3/8 x 13 5/8	††As above.	
DSM																
4600X	299.00	A	2	†	105	30 x 4	20-20	0.08	P/S	Yes	††	Yes	7 1/8 x 2 x 10 3/8	Simultaneous stereo and bridged mono output. ††Two crossovers.		
2600X	199.00	A	2	†	105	30	20-20	0.08	P/S	No	Yes	Yes	7 1/8 x 2 x 7 3/8	Simultaneous stereo and bridged mono output. As above.		
2300	139.00	A	2	†	105	15	20-20	0.08	P/S	No	Yes	Yes	7 1/8 x 2 x 5 3/8	As above.		
ROCKFORD FOSGATE/ SYMMETRY	SYM-CSV	1295.00	†							P		††	Yes	7 3/4 x 12 5/8 x 10 1/8	†System rack, with preamp and controller card; holds 12 processor cards. ††Optional. Includes remote. Plugs into SYM-CSV; four user presets. As above. Plugs into SYM-CSV; digital; automatic; includes mike.	
	SYM-EQ3	675.00	E	28	12	94			0.08							
	SYM-EQ1	395.00	E	14	12											
SYM-DSP	895.00	E														
ROEEK	225i	199.95	A			85	25	20-20	0.1	P		No	Yes	2 1/2 x 9 1/2 x 4	Bridgeable; protection circuitry.	
	235i	279.95	A			86	35	20-20	0.02	P			Yes	2 1/2 x 9 1/2 x 4 3/4	As above; "Tilt" control acts as high-pass filter or 12-dB bass boost.	
	250i	379.95	A			89	50	20-20	0.02	P			Yes	2 1/2 x 9 1/2 x 6 1/2	As above.	
	275i	449.95	A			95	75	20-20	0.02	P			Yes	2 1/2 x 9 1/2 x 8 5/8	As above.	
	2150i	689.95	A			98	150	20-20	0.02	P			Yes	2 1/2 x 9 1/2 x 14 1/4	As above.	
	2300i	999.95	A			101	300	20-20	0.02	P			Yes	2 1/2 x 9 1/2 x 19	As above.	
	224Ci	519.95	A			83	24	20-20	0.02	P			Yes	2 1/2 x 9 1/2 x 8 5/8	As above; operates into 1 ohm.	
	425i	349.95	A			85	25 x 4	20-20	0.1	P		No	Yes	2 1/2 x 9 1/2 x 6 1/2	Bridgeable; protection circuitry.	
	435i	429.95	A			96	35 x 4	20-20	0.02	P		No	Yes	2 1/2 x 9 1/2 x 8 5/8	As above.	
	650i	879.95	A			89	50 x 6†	20-20	0.02	P		No	Yes	2 1/2 x 9 1/2 x 14 1/4	†Three-, four-, five-, or six-channel operation. Protection circuitry.	
	1125i	449.95	A			96	125 x 1	20-20	0.02	P		†	Yes	2 1/2 x 9 1/2 x 6 1/2	Monoblock; protection circuitry. †High-pass section.	
	4501i	899.95	A			86	†	20-20	0.02	P		††	Yes	2 1/2 x 9 1/2 x 14 1/4	†Five-channel operation, 50 watts x 4 and 150 watts x 1. ††Four channels, high-pass; fifth channel, low-pass. Monoblock. †High-pass section.	
	1250i	599.95	A			100	250 x 1	20-20	0.02	P		†	Yes	2 1/2 x 9 1/2 x 11 1/8		
SANYO	BPA-1502	279.99	A			100	75	20-20	0.04	P/S		No		9.9 x 2.2 x 9.2	Bridgeable.	
	BPA-1002	239.99	A			100	50	20-20	0.04	P/S		No		8 x 2.2 x 9.2	As above.	
	BPA-702	199.99	A			100	35	20-20	0.04	P/S		No		6 x 2.2 x 9.2	As above.	
SENTREK	SPA 120	59.95	A			80	18	20-20 ±3	0.01	P/S	No	No	Yes	1 1/2 x 7 x 4 1/2		
	SPA 145	79.95	A			80	18 x 4	20-20 ±3	0.01	P/S	No	No	Yes	1 1/2 x 7 x 4 1/2		
	SPA 190	119.95	A			90	30	20-20	0.005	P/S	No	Yes	Yes	6 x 9 x 2	Bridgeable; operates into 2 ohms; MOS-FET.	
	SPA 250	159.95	A			90	60	20-20	0.005	P/S	No	Yes	Yes	8 x 9 x 2	As above.	
	SPA 375	199.95	A			90	85	20-20	0.005	P/S	No	Yes	Yes	10 x 9 x 2	As above.	
	SPA 740	199.95	A			90	35 x 4†	20-20	0.005	P/S	No	Yes	Yes	9 x 9 x 2	Operates into 2 ohms; MOS-FET. †Two-, three-, or four-channel operation.	
	SPA 760	279.95	A			90	35 x 6†	20-20	0.005	P/S	No	Yes	Yes	12 x 9 x 2	As above. †Three-, four-, five-, or six-channel operation.	
	SPA 840	229.95	A			90	100 x 2†	20-25 ±3	0.005	P/S	No	Yes	Yes	2 x 13 x 9	MOS-FET. †Two-, three-, or four-channel operation.	
	SPA 860	419.95	A			90	50 x 6†	20-25 ±3	0.005	P/S	No	Yes	Yes	2 x 17 x 9	As above. †Three-, four-, five-, or six-channel operation.	
	SAQ 1430	59.95	A/E	7	12	75	14	20-20 ±1.5	0.003	S	Yes	No	No	1 x 7 x 4		
SAQ 1450	74.95	A/E	10	12	80	14	20-20 ±1.5	0.01	S	Yes	No	No	1 x 7 x 4			

AMPS/EQUALIZERS

MANUFACTURER	Model	Price, \$	Preamp (P), Amp (A), Equalizer (E)	Number of EQ Bands	Boost/Cut Range, ±dB	S/N Ratio, -dB, A-Weighted	Watts/Channel into 4 Ohms, per IEC-490	Full-Power Bandwidth, Hz to kHz	THD at Rated Output, % per IEC-490	Input Levels: Preamp (P), Speaker (S)	Fader Control?	Includes Crossover?	RCA Input Jacks?	Dimensions, Inches	Notes
SENTREK (Continued)	SAQ 2410	109.95	P/A/E	7	12	80	18	20-20	0.01	P/S	Yes	†	Yes	1 x 7 x 4	Subwoofer line outputs. †Low-pass filter, 80 or 150 Hz. Includes spectrum analyzer, CD input.
	SAQ 2500	119.95	A/E	7	12	84	14	20-20	0.01	P/S	Yes	No	Yes	1 x 7 x 4 ^{3/4}	
	SAQ 4000	169.95	A/E	7	12		15 x 2, 28 x 2	20-20	0.01	P/S	Yes	No	Yes	2 x 7 ^{3/8} x 7	Four presets; includes spectrum analyzer. Includes spectrum analyzer. †5 front, 7 rear. Subwoofer level control.
	SAQ 7500	159.95	A/E	7	12	85	25	20-20	0.01	P/S	Yes	No	Yes	2 x 7 x 7	
	SEQ 740	59.95	P/E	7	12	90				P/S	Yes	No	Yes	1 x 7 x 4	
	SEQ 750	69.95	P/E	10	12	90				P/S	Yes	No	Yes	1 x 7 x 4	
	SEQ 820	89.95	P/E	7	12	90				P/S	Yes	Yes	Yes	1 x 7 x 4	
	SEQ 920	149.95	P/E	†	12	90				P/S	Yes	Yes	Yes	1 x 7 x 4	
SHERWOOD	XAT-440Q	675.00	A			107	110 x 4	20-20	0.05	P			Yes	19 ^{3/8} x 2 ^{1/8} x 12 ^{3/8}	Bridgeable; dual power supplies. As above.
	XAT-340Q	550.00	A			107	85 x 4	20-20	0.05	P			Yes	18 ^{1/8} x 2 ^{1/8} x 12 ^{3/8}	
	XAT-240Q	425.00	A			102	60 x 4	20-20	0.1	P		†	Yes	13 ^{3/8} x 2 ^{1/8} x 12 ^{3/8}	
	XAT-120	295.00	A			102	60	20-20	0.1	P		†	Yes	10 ^{1/4} x 2 x 10 ^{3/8}	Bridgeable. †Low-pass filter, 80 or 150 Hz; high-pass, 120 or 180 Hz. Bridgeable. †As above.
	XAT-70	250.00	A			102	35	20-20	0.1	P		†	Yes	9 x 2 x 10 ^{3/8}	
	XA-1141	100.00	A			92	18 x 4	50-20	0.5	P/S			Yes	9 x 1 ^{3/4} x 6 ^{1/2}	
	XA-1140	75.00	A			92	18	50-20	0.5	P/S			Yes	5 ^{1/8} x 1 ^{3/4} x 6 ^{1/2}	Bridgeable; bass EQ. †Low-pass filter, 60 or 120 Hz; high-pass, 120 or 180 Hz. Bridgeable; bass EQ. †As above.
	XA-4320Q	350.00	A			95	60 x 4	20-20	0.5	P/S		†	Yes	14 ^{1/8} x 2 ^{3/8} x 11 ^{1/8}	
	XA-4200Q	280.00	A			95	30 x 4	20-20	0.5	P/S		†	Yes	13 ^{3/8} x 2 ^{3/8} x 11 ^{1/8}	Bridgeable; bass EQ. †Low-pass filter, 60 or 120 Hz. Bridgeable; bass EQ. †As above. †Low-pass filter, 75 or 150 Hz.
	XA-2200	250.00	A			95	60	20-20	0.5	P/S		†	Yes	10 ^{1/2} x 2 ^{1/8} x 9 ^{1/8}	
	XA-2100	190.00	A			95	30	20-20	0.5	P/S		†	Yes	9 ^{1/2} x 2 ^{1/8} x 9 ^{1/8}	
XQ-1102	100.00	E	7	10	85				P	Yes	†	Yes	7 x 1 x 6		
SLAMMERS	Slam 50A		A			100	25		0.01	P/S	No	Yes	Yes		Operates into 1 ohm. As above.
	Slam 100A		A			100	50		0.01	P/S	No	Yes	Yes		
SONY	XE-90 MkII	220.00	E	9	12	105				P	Yes	Yes	Yes	7 x 1 x 5 ^{1/8}	†Six-channel operation, 20 watts x 4 and 30 watts x 2.
	XE-8 MkII	330.00	E	7	12	105				P	Yes	Yes	Yes	7 x 1 x 5 ^{1/8}	
	XE-744	420.00	E	10	12	105				P	Yes	Yes	Yes	7 x 2 x 5 ^{1/2}	
	XM-2022	80.00	A			95	20			P	No	No	Yes	5 ^{1/8} x 1 x 3 ^{1/8}	
	XM-2025	110.00	A			100	20			P	No	No	Yes	6 ^{3/8} x 1 ^{1/2} x 4 ^{3/4}	
	XM-3021	145.00	A			100	30			P	No	No	Yes	8 ^{3/8} x 1 ^{3/4} x 4 ^{5/8}	
	XM-4520	200.00	A			105	45			P	No	No	Yes	9 ^{3/8} x 1 ^{3/4} x 6	
	XM-6020	270.00	A			105	60			P	No	No	Yes	12 ^{1/8} x 2 ^{1/8} x 7	
	XM-10020	450.00	A			105	100			P	No	No	Yes	12 ^{1/8} x 2 ^{1/8} x 8 ^{1/2}	
	XM-2042	160.00	A			105	20 x 4			P	No	No	Yes	5 ^{1/8} x 1 x 6 ^{1/4}	
	XM-2540	250.00	A			105	25 x 4			P/S	No	No	Yes	8 ^{3/8} x 1 ^{3/4} x 6 ^{5/8}	
	XM-4045	320.00	A			105	40 x 4			P	No	No	Yes		
	XM-C1000	350.00	A			105	†			P	No	Yes	Yes		
	XM-C2000	450.00	A			105	30 x 6			P	No	Yes	Yes	11 ^{3/4} x 2 x 8 ^{1/4}	
SONY EXPRESS	EXM-202	80.00	A			100	20			P/S	No	No	Yes		
	EXM-302	110.00	A			100	30			P/S	No	No	Yes		
	EXM-502	140.00	A			100	50			P/S	No	No	Yes		
SONY MOBILE ES	XES-M1	550.00	A			110	60			P	No	No	Yes		
	XES-M3	1000.00	A			110	150			P	No	No	Yes		
SOUNDSTREAM	Reference 405	699.00	A			100	†	20-20	0.1	P/S		Yes	Yes	16 x 2 ^{1/4} x 9 ^{1/2}	†Five-channel operation, 40 watts x 4 and 120 watts x 1. Simultaneous stereo and bridged mono output; operates into 0.5-ohm load; subsonic/boost filter, adjustable from 30 to 60 Hz.
	Reference Class A 6.0	649.00	A		+9	100	50	20-20	0.1	P/S		Yes	Yes	12 x 2 ^{1/4} x 9 ^{1/2}	
	Reference Class A 3.0	429.00	A			100	25	20-20	0.1	P/S		Yes	Yes	8 ^{1/2} x 2 ^{1/4} x 9 ^{1/2}	Simultaneous stereo and bridged mono output; operates into 0.5-ohm load. As above but operates into 1 ohm; subsonic/boost filter, adjustable from 30 to 60 Hz.
	Reference 500	599.00	A		+9	100	125	20-20	0.1	P/S		Yes	Yes	12 x 2 ^{1/4} x 9 ^{1/2}	
	Reference 300	399.00	A			100	75	20-20	0.1	P/S		Yes	Yes	8 ^{1/2} x 2 ^{1/4} x 9 ^{1/2}	Simultaneous stereo and bridged mono output; operates into 1 ohm. As above.
	Reference 200	279.00	A			100	25	20-20	0.1	P/S		Yes	Yes	5 ^{3/4} x 2 ^{1/4} x 9 ^{1/2}	
	Granite 60.2	179.00	A			90	30	10-30	0.1	P/S		No	Yes	7 x 2 ^{1/4} x 8 ^{1/4}	Bridges to 100 watts; simultaneous stereo and bridged mono output. As above but bridges to 100 watts x 2. †Two-, three-, or four-channel operation. As above but bridges to 100 watts x 3. †Three-, four-, five-, or six-channel operation.
	Granite 110.2	299.00	A			90	55	20-20	0.1	P/S		Yes	Yes	8 ^{1/2} x 8 ^{1/4} x 2 ^{1/4}	
	Granite 120.4	329.00	A			90	30 x 4†	10-30	0.1	P/S		Yes	Yes	9 ^{3/8} x 2 ^{1/4} x 8 ^{1/4}	
	Granite 180.6	449.00	A			90	30 x 6†	10-30	0.1	P/S		Yes	Yes	12 x 2 ^{1/4} x 8 ^{1/4}	
MC245	599.00	A			100	†		20-20	0.1	P/S	No	Yes	Yes	13 x 6 ^{1/2} x 2 ^{1/8}	
SPARKOMATIC	SBE7	54.99	A/E	7	12	55	20	20-20	5		Yes		No	1 ^{3/8} x 5 ^{1/8} x 5	Remote turn-on; adjustable input sensitivity.
	GE50	39.99	A/E	5	12	55	20	20-20	5		Yes		No	1 ^{3/8} x 4 ^{3/4} x 4 ^{3/4}	
	LC52	19.99	A			55	20	20-20	5		No		No	1 ^{1/4} x 4 ^{1/4} x 4 ^{1/4}	
	AMP 7000	54.99	A			80	40		1	S		Yes	Yes	16 ^{3/4} x 1 ^{5/8} x 16 ^{3/4}	
	AMP 6000	50.00	A			80	30		10				Yes	4 x 1 ^{5/8} x 5	

AMPS/EQUALIZERS

MANUFACTURER	Model	Price, \$	Preamp (P), Amp (A), Equalizer (E)	Number of EQ Bands	Boost/Cut Range, ±dB	S/N Ratio, -dB, A-Weighted	Watts/Channel into 4 Ohms, per EIA-490	Full-Power Bandwidth, Hz to kHz	THD at Rated Output, %, per EIA-490	Input Levels: Preamp (P), Speaker (S)	Fader Control?	Includes Crossover?	RCA Input Jacks?	Dimensions, Inches	Notes	
SPECIAL EDITION	A250	249.95	A			105	50	20-20	0.02	P	No	No	Yes	8 x 2½ x 8½	Simultaneous stereo and bridged mono output; operates into 2 ohms; protection circuitry. As above. As above; bridges to 225 watts. Simultaneous stereo and bridged mono output; operates into 2 ohms; protection circuitry.	
	A275	299.95	A			105	75	20-20	0.02	P	No	No	Yes	8 x 2½ x 9½		
	A2100	349.95	A			105	100	20-20	0.02	P	No	No	Yes	8 x 2½ x 11		
	A2150	449.50	A			105	150	20-20	0.02	P	No	No	Yes	8 x 2½ x 11½		
SUMMIT	No. 50	259.95	A			98	25	10-30	0.05	P	No	No	Yes	9¾ x 2¾ x 8½	Bridgeable; operates into 2 ohms. As above. As above. As above. As above; without EQ and crossover, \$649.95.	
	No. 100	369.95	A			98	50	10-30	0.05	P	No	No	Yes	11 x 2¾ x 8½		
	No. 200	489.95	A			98	100	10-30	0.05	P	No	No	Yes	13 x 2¾ x 8½		
	No. 300	599.95	A			98	150	10-30	0.05	P	No	No	Yes	15 x 2¾ x 8½		
	No. 450X	699.95	A	3		102	50 x 4	10-30	0.05	P	No	Yes	Yes	17 x 2¾ x 8½		
THE HOTT SET-UP	HS2.50	439.00	A/E		12	100	50	10-30	0.03	P/S	No	No	Yes	10 x 8½ x 2¼	Bridgeable. As above. As above. As above. As above. As above. As above.	
	HS2.75	479.00	A/E		12	100	75	10-30	0.03	P/S	No	No	Yes	12 x 8½ x 2¼		
	HS2.125	569.00	A/E		12	100	125	10-30	0.03	P/S	No	No	Yes	14 x 8½ x 2¼		
	T25.2	209.00	A			100	25	10-30	0.03	P/S	No	No	Yes	7¼ x 6¾ x 2		
	T50.2	289.00	A			100	50	10-30	0.03	P/S	No	No	Yes	9½ x 6¾ x 2		
	T25.4	359.00	A			100	25 x 4	10-30	0.03	P/S	No	No	Yes	11¾ x 6¾ x 2		
	PR3	209.00	P/E	3	10	100					No	No	Yes			
TOSHIBA	TP823	239.99	A			30		20-20		P	No	Yes	Yes	2½ x 10½ x 6¾	Bridgeable. As above. As above. As above. As above.	
	TP853	299.99	A			50 x 4		20-20		P	No	No	Yes	2½ x 12½ x 9½		
	TP870	349.99	A			50 x 4		20-20		P	No	Yes	Yes	2½ x 12¾ x 8¾		
	TP873	369.99	A			55 x 4		20-20		P	No	Yes	Yes	2½ x 12½ x 9½		
ULTIMATE SOUND	80i	85.00	A			99	30	15-20	0.05	P/S	No	No	Yes	1¾ x 5½ x 5¾	BTL circuitry. As above. Bridges to 140 watts. †8-dB boost at 45 Hz. Bridges to 250 watts.	
	160i	180.00	A			99	30 x 4	15-20	0.05	P/S	No	No	Yes	1¾ x 5½ x 7¼		
	110i	290.00	A	1	†	93	50	10-25	0.05	P/S	No	No	Yes	2¾ x 7¾ x 8¾		
	220i	390.00	A	1	†	93	90	10-25	0.05	P/S	No	No	Yes	2¾ x 7¾ x 13¾		
U.S. AMPS	USA-25	302.00	A			102	12.5	5-50	0.009	P/S	No	No	Yes	7½ x 2 x 5	Bridgeable; operates into 1 ohm. As above. As above. As above. As above. As above. As above. As above. As above. As above. As above. As above. As above. As above. As above. As above. As above. Mono subwoofer amp; variable 40-Hz bass boost; operates into 2 ohms. As above.	
	USA-50	398.00	A			105	25	5-50	0.009	P/S	No	No	Yes	7½ x 2 x 7		
	USA-100	510.00	A			107	50	5-50	0.009	P/S	No	No	Yes	7½ x 2 x 10		
	USA-150	646.00	A			110	75	5-50	0.009	P/S	No	No	Yes	7½ x 2 x 12		
	USA-200	918.00	A			112	100	5-50	0.009	P/S	No	No	Yes	7½ x 2 x 16		
	USA-400	1450.00	A			115	200	5-50	0.009	P/S	No	No	Yes	7½ x 2 x 23		
	USA-25HC	510.00	A			107	12.5	5-50	0.009	P/S	No	No	Yes	7½ x 2 x 10		
	USA-50HC	646.00	A			110	25	5-50	0.009	P/S	No	No	Yes	7½ x 2 x 12		
	USA-100HC	1450.00	A			115	50	5-50	0.009	P/S	No	No	Yes	7½ x 2 x 23		
	VL-50	496.00	A/E	3	+20	105	25	5-50	0.009	P/S	No	No	Yes	8½ x 2¾ x 7		
	VL-100	728.00	A/E	3	+20	110	50	5-50	0.009	P/S	No	No	Yes	8½ x 2¾ x 12		
	VL-200	1082.00	A/E	3	+20	112	100	5-50	0.009	P/S	No	No	Yes	8½ x 2¾ x 16		
	VL-400	1550.00	A/E	3	+20	115	200	5-50	0.009	P/S	No	No	Yes	8½ x 2¾ x 23		
	V LX-200	2640.00	A/E	3	+20	115	100	5-50	0.009	P/S	No	No	Yes	8½ x 2¾ x 40		
	V LX-400	3690.00	A/E	3	+20	115	200	5-50	0.009	P/S	No	No	Yes	8½ x 2¾ x 44		
	USA-442	796.00	A			112	40 x 4	5-50	0.009	P/S	No	Yes	Yes	8½ x 2¾ x 16		
	US-852	468.00	A	1	+20		50 x 1	5-50	0.009	P/S	No	Yes	Yes	7½ x 2 x 7½		
US-8100	655.00	A	1	+20		100 x 1	5-50	0.009	P/S	No	Yes	Yes	7½ x 2 x 12			
US-VL1	349.00	P/E	4	20	115			0.009	P/S	Yes	Yes	Yes	Half DIN			
USD	SW-30	1650.00 Pair	P/E	30	†	108			0.009	P	No	No	No	2½ x 19 x 6	†±6 or ±12 dB. Constant Q; third-octave spacing.	
ZAPCO	Z50S2	249.00	A			108		20-20	0.03	P	No	No	Yes	7 x 5¾ x 2½	Separate gain control for each channel; operates into 2 ohms. Bridgeable. Simultaneous stereo and bridged mono output. Front and rear gain controls. Operates into 2 ohms; simultaneous stereo and bridged mono output. Operates into 1 ohm. As above. Monoblock. Operates into 1 ohm. As above. †Optional plug-in modules for crossover and noise gate. Separate left and right EQ controls. Quasi-parametric EQ; subsonic filter; night illumination. Half-DIN size.	
	Z100S2	330.00	A			100	50	5-100	0.05	P	No	No	Yes	10¼ x 6 x 2¼		
	Z150S2	480.00	A			100	75	5-100	0.015	P	No	No	Yes	11¾ x 6 x 2¼		
	Z50S4	235.00	A			100	12.5 x 4	5-100	0.06	P	No	No	Yes	7 x 6 x 2¼		
	Z50C2	346.00	A			100	45	5-100	0.015	P	No	No	Yes	10¼ x 6 x 2¼		
	Z100C2	502.00	A			100	50	5-100	0.02	P	No	No	Yes	11¾ x 6 x 2¼		
	Z300C2	1151.00	A			100	225	5-20	0.008	P	No	No	Yes	19 x 6 x 2¼		
	Z100S1VX	449.00	A			100	100 x 1	20-600 Hz	0.015	P	No	Yes	Yes	10¼ x 6 x 2¼		
	Z300S2VX	749.00	A			105	150	20-20	0.03	P	No	Yes	Yes	16 x 5¾ x 2½		
	Z150C2VX	820.00	A			105	75	20-20	0.02	P	No	Yes	Yes	16 x 5¾ x 2½		
	Z200C4-SLX		A				50 x 4	5-20	0.02	P	No	†	Yes	2½ x 8 x 16½		
	SEQ	510.00	P/E	9	18	92			0.05	P	No	No	No	8¾ x 4¼ x 1¼		
SX	1000.00	P/E	5	20	105			0.003	P	Yes	Yes	Yes	6¾ x 4¾ x 1¾			
ZSP		E	7						P	Yes	No	Yes	2½ x 1 x 7			

RADIOS/ANALOG TAPE PLAYERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional, (C) = Head Unit Controls CD Changer	Price \$	AMPLIFIER										TUNER						TAPE					
			Average Watts/Channel, per EIA-490	THD at Rated Output, % per EIA-490	Output Levels: Preamp (P), Speaker (S)	Number of Tone or EQ Controls (FM Mono Usable Sensitivity, dB (For -30 dB THD + N))	Alternate-Channel Selectivity, dB	FM Mono S/N Ratio, -dB	Total Number of Station Presets	Tuning, Seek (A), Scan (B), Both (C)	Local/Distant Control: Manual (M), Automatic (A)	RDS - R, AM Stereo = S	Frequency Response, Hz to kHz, ±dB	Noise-Reduction Circuit? See Code (With NR if Applicable)	Auto Reverse?	Program Search?	Fit: GM Vehicles (A), GM/Chrysler (B), DIN/ISO (C), Dual-Shaft (D)	Theft Protection: Pull-Out (P), Secret Code (S)	RCA In/Out Jacks?					
AIWA	CT-X95M(RIC)	550.00	16 x 4	0.005	P/S	2	14.2	70	65	24	C	C	M	No	40-15 ±3	B	64	Yes	Yes	C	R/S	Out		
	CT-X55M(C)	400.00	16 x 4	0.005	P/S	2	14.2	70	65	24	C	A	No	40-14 ±3	B	63	Yes	No	C	R/S	Out			
	CT-X35	350.00	16 x 4	0.005	S	2	14.2	70	65	24	B	No	No	40-16 ±3		64	Yes	No	C	R/S	No			
	CT-X15	300.00	12 x 4	0.008	S	2	17.2	65	63	24	C	No	No	40-14 ±3		54	Yes	No	C	P	No			
ALPHASONIK	T-4525	250.00	5 x 2, 25 x 2	0.1	P/S	2				18	C				B		Yes					Yes		
	T-4008	450.00	8	0.1	P/S	2				18	C				C		Yes					Yes		
ALPINE	7521S(C; with ID Logic)	470.00	25 x 4		P/S		13.5	80	65	18	C	M		30-20	B	68	Yes	Yes	C	R	Yes			
	7517S(C)	380.00	25 x 4		P/S		13.5	80	65	18	B	M		30-20	B	68	Yes	Yes	C	R	Yes			
	7514S(C)	360.00	25		P/S		13.5	80	65	18	B	M		30-20	B	68	Yes	Yes	C	R	Yes			
	7513(C)	320.00	25 x 4		S		13.5	80	65	18	B	M		30-20		60	Yes		C	R	Yes			
	7618(RIC)	650.00			P	2	16.3	80	60	54	C	M	No	20-22 ±3	B/C	72	Yes	Yes	C	R	Out			
	7525(C)	620.00	30 x 4	0.8	P/S	2	9.3	80	65	24	A	M/A		20-22 ±3	B/C	75	Yes	Yes	C	R	Out			
	7511	270.00	25	0.8	P	2	11.3	80	65	24	A	M	No	40-18	B	68	Yes	Yes	C	R	Yes			
7510	230.00	25	0.8	S	2	11.3	80	65	24	A	M	No	40-18	B	68	Yes	No	C	R	No				
AUDIO GODS	DC 80	199.95	25 x 4	0.005	P/S	2				24	B	A	No	20-20 ±3			Yes	No	C	R	Yes			
	DC 75	149.95	25 x 4	0.005	P/S	2				0	A	A	No	20-20 ±3			Yes	No	C	R	Yes			
	PO 70	149.00	25 x 4	0.005	P/S	2				24	A	A	No	20-20 ±3			Yes	No	C	P	Yes			
AUDIOTEK	GTX-9401	274.95	25 x 4	0.003	P/S	3	23.2	65	68	30	C	A	S	20-20 ±0.3	O	80	Yes	Yes	C	R	Yes			
	GTX-9101	234.95	25	0.004	P/S	3	21.0	60	65	30	C	A	S	20-20 ±0.3	O	80	Yes	Yes	C	R	Yes			
	GTX-1900	169.95	12	0.005	P/S	3	21.0	55	65		A	A	S	20-20 ±0.3	O	75	Yes	No	C	R	Yes			
	GTX-9101	259.95	25	0.003	P/S	7	23.2	65	68	30	C	A	S	20-20 ±0.3	O	80	Yes	Yes	C	P	Yes			
	GTX-2402	199.95	25	0.004	P/S	3	21.0	60	65	30	C	A	S	20-20 ±0.3	O	80	Yes	Yes	C	P	Yes			
AUDIOVOX	AV-218	250.00	5	10	S	1	15	60	60	24	C	A	No	50-10		50	No	No	C	P	No			
	AV-220	275.00	5	10	S	1	15	60	60	18	C	A	No	50-10		50	Yes	No	C	P	No			
	AV-228	299.95	20	10	P/S	2	15	60	60	24	C	A	No	50-10		50	Yes	No	C	P	Out			
	AV-238	379.00	20	10	P/S	5	13	65	65	24	C	A	No	50-12	B	60	Yes	No	C	P	Out			
	AV-245	399.95	20	10	P/S	5	13	65	65	24	C	A	No	50-12	B	60	Yes	Yes	C	R	Out			
	AV-400	225.00	5	10	S	1	15	60	60	18	A	M	No	50-10		50	No	No	C	R	No			
	AV-410	250.00	5	10	S	1	15	60	60	18	A	M	No	50-10		50	Yes	No	C	R	No			
	AV-420	399.95	5 x 2, 20 x 2	10	P/S	2	13	60	60	24	C	M	No	50-10		50	Yes		C	R	Yes			
	AV-430	425.00	5 x 2, 20 x 2	10	P/S	2	13	65	65	24	C	M	No	50-10		50	Yes		C	R	Out			
	AV-440	450.00	5 x 2, 20 x 2	10	P/S	2	13	65	65	24	C	M	No	50-12	B	60	Yes	Yes	C	R	Out			
	AV-933	199.95	5	10	S	1	15	60	60	0		M	No	50-10		50	Yes		D		No			
	AV-949	199.95	5	10	S	1	15	60	60	18	C	A	No	50-10		50	No		D		No			
	AV-954	225.00	5	10	S	1	15	60	60	18	C	A	No	50-10		50	Yes		D		No			
	AV-958	250.00	20	10	P/S	2	13	65	65	18	C	A	No	50-10		50	Yes	No	D		Yes			
	AV-959	299.95	20	10	P/S	2	13	65	65	18	C	A	No	50-12	B	60	Yes	No	D		Yes			
	AV-982	175.00	5	10	S	3	13	65	65	18	C	A	No	50-10		50	No	No	D		No			
	AV-985	169.95	20	10	S	3	15	60	60	0		M	No	50-10		50	No	No	D		No			
AV-3000	99.95	5	10	S	1	15	60	60	0		M	No	50-10		50	No	No	D		No				
AVALANCHE	HU-851	199.00	25	0.005	P/S	2				24	C	A	No	20-20		80	Yes	No	C	P	Yes			
BLAUPUNKT	Houston RCM84(RO)	449.95	13 x 4	1	P/S	2	13	75	70	30	C	M	R	30-18 ±3	B/C	73	Yes	Yes	C	R	Yes			
	Tucson CM84	349.95	13 x 4	1	P/S	2	13	75	70	30	C	M	No	30-18 ±3	B	65	Yes	Yes	C	R	Yes			
	Lexington CM84	299.95	13 x 4	1	P/S	2	13	75	70	30	C	M	No	30-18 ±3	D	60	Yes	Yes	C	R	Yes			
	Memphis CM84	269.95	13 x 4	1	P/S	2	13	75	70	30	C	M	No	30-18 ±3	D	60	Yes	No	C	R	Yes			
	Seattle CR44	219.95	11 x 2, 6 x 4	1	P/S	2	15	75	70	24	C	M	No	35-14 ±3	B	65	Yes	Yes	D		Yes			
Cancun CR63	219.95	5 x 2, 9 x 2	1	P/S	2	19	75	70	18	A	M	No	35-14 ±0.3		55	Yes	No	B	R	Yes				
BOSS AUDIO SYSTEMS	AVA-920	399.00	15 x 2, 36 x 2	0.02	P/S	2		65		30	C	A		20-20	B	85	Yes	Yes	C	R	Yes			
	AVA-919	329.00	15 x 2, 36 x 2	0.02	P/S	2		65		30	C	A		20-20		85	Yes		C	R	Yes			
	AVA-918	299.00	36	0.02	P/S	2		65		30	C	M		20-20		85	Yes		C	R	Yes			
	AVA-604	169.00	25	0.02	P/S	2		65		0	C	M		20-20		85	Yes		C	R	Yes			
	AVA-602	149.00	25	0.02	P/S	2		65		0	C	M		20-20		85	No		C	R	Yes			
	AVA-914	289.00	36	0.02	P/S	2		65		30	C	M		20-20	B	85	Yes	Yes	C	P	Yes			
	AVA-912	239.00	36	0.02	P/S	2		65		24	C	M		20-20		85	Yes		C	P	Yes			
	AVA-906	179.00	25	0.02	P/S	2		65		30	C	M		20-20	B	85	Yes		C	P	Yes			
	AVA-905A	169.00	25	0.02	P/S	2		65		24	C	M		20-20		85	Yes		C	P	Yes			
	AVA-99	159.00	25	0.02	P/S	2		65		18	C	A		20-20		85	Yes		D		Yes			
	AVA-904	149.00	25	0.02	P/S	2		65		0		M		20-20		85	Yes		C		Yes			
	AVA-903	139.00	25	0.02	P/S	2		65		0		M		20-20		85	Yes		C		Yes			
	AVA-902	129.00	20	0.02	P/S	2		65		0		M		20-20		85	No		C		Yes			
	AVA-91	119.00	20	0.02	P/S	1		65		0		M		20-20		85	No		C		Yes			
AVA-96	79.00	20	0.02	S	1		65						20-20		85	Yes		D		No				
AVA-94	99.00	20	0.02	S	1		65						20-20		85	Yes		D		No				
AVA-92	99.00	20	0.02	S	1		65						20-20		85	No		D		No				
AVA-90	109.00	20	0.02	S	1		65						20-20		85	No		D		No				

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RADIOS/ANALOG TAPE PLAYERS

MANUFACTURER	Model (R) = Remote Included (RO) = Remote Optional, (C) = Head Unit Controls CD Changer	Price, \$	AMPLIFIER					TUNER					TAPE								
			Average Watts Channel, per EIA-490	THD at Rated Output, % per EIA-490	Output Levels: Preamp (P), Speaker (S)	Number of Tone or EQ Controls (For -30 dB THD + N)	Alternate-Channel Selectivity, dB	FM Mono S/N Ratio, -dB	Total Number of Station Presets	Tuning: Seek (A), Scan (B), Both (C)	Local/Distant Control: Manual (M), Automatic (A)	RDS = R, AM, Stereo = S	Frequency Response, Hz to kHz, ±dB	Noise-Reduction Circuit? See Code	Tape S/N Ratio, -dB, A-Weighted (With NR if Applicable)	Auto Reverse?	Program Search?	Fit: GM (Vehicles (A), GM/Chrysler (B), DIN/ISO (C), Dual-Shaft (D))	Theft Protection: Pull-Out (P), Removable Controls (R), Secret Code (S)	RCA In/Out Jacks?	
CADENCE	CR930	289.00	25 x 4	0.05	P/S	2				30	A	A	No			Yes	Yes	C	R	Yes	
	CR920	229.00	25 x 4	0.05	P/S	2			30	A	A	No			Yes	Yes	C	R	Yes		
	CR910	259.00	25 x 4	0.05	P/S	2			30	C	M	No			Yes	Yes	C	R	Yes		
CLARION	5790(RIC)	549.95			P	2	9	75	24	C	A	No	20-22	B/C	74	Yes	Yes	C	R	Yes	
	5760(ROC)	449.95	30 x 4		P/S	2	9	75	24	C	A	No	30-18	B	67	Yes	Yes	C	R	Yes	
	5750(C)	349.95	30 x 4		P/S	2	9	75	24	C	A	No	30-18	B	67	Yes	Yes	C	R	Yes	
	3771RC(C)	349.95	18 x 4		P/S	2	9	70	20	C	A	No	30-16	B	66	Yes	Yes	C	P	Yes	
	5740(C)	299.95	30 x 4		P/S	2	9	75	24	C	A	No	30-18	B	66	Yes	Yes	C	R	Yes	
	3680RC(C)	299.95	30 x 4		P/S	2	9	75	24	C	A	No	30-18	B	66	Yes	Yes	C	R	Yes	
	9773RT	289.95	20 x 4		P/S	2	12	70	24	C	A	No	30-18	B	66	Yes	Yes	C	P	Yes	
	4670	289.95	20 x 4		P/S	2	12	70	24	C	A	No	30-18	B	66	Yes	Yes	C	P	Yes	
	9671RT	259.95	20 x 4		P/S	2	12	70	24	C	A	No	30-16	B	56	Yes	Yes	C	P	Yes	
	4660	259.95	20 x 4		P/S	2	12	70	24	C	A	No	30-16	B	56	Yes	Yes	C	P	Yes	
	4650	199.95	5 x 4		P/S	2	12	70	24	C	A	No	40-16	B	56	Yes	Yes	C	P	Yes	
	8470R	179.95	5 x 4		P/S	2	12	70	24	C	A	No	30-18	B	53	Yes	Yes	C	P	Yes	
	9702RT	199.95	18 x 4		P/S	2	12	70	24	C	A	No	30-18	B	56	Yes	Yes	D	No	Yes	
	8404RT	139.95	5 x 4		P/S	2	12	70	24	C	A	No	40-16	B	56	Yes	Yes	D	No	Yes	
	8430R	159.95	5 x 4		P/S	3	12	70	24	C	A	No	40-14	No	53	Yes	Yes	C	No	No	
8204R	129.95	5 x 4	1	S	1	1	70	18	C	A	No	40-14	B	53	Yes	No	D	D	Yes		
1400RT	149.95	5 x 4	1	P/S	2	1	70	18	C	A	No	40-14	B	56	Yes	No	D	D	Yes		
1700RT	199.95	18 x 4	1	P/S	2	1	70	18	C	A	No	30-16	B	66	Yes	Yes	D	D	Yes		
2001RT	239.95	3.2	1	P/S	2	12	70	12	C	A	No	30-16	B	56	Yes	No	C	D	Yes		
2002RT	319.95	12 x 2, 6 x 4	1	P/S	2	12	70	12	C	A	No	30-16	B	66	Yes	Yes	C	D	Yes		
COUSTIC	RX-779(RIC)	359.00	15 x 2, 5 x 4	0.1	P/S	2	17	70	60	30	A	A	No	30-18 ±3	B	60	Yes	Yes	C	R	Yes
	RX-779(C)	315.00	15 x 2, 5 x 4	0.1	P/S	2	17	70	60	30	A	A	No	30-18 ±3	B	60	Yes	Yes	C	R	Yes
	RX-777	265.00	15 x 2, 5 x 4	0.1	P/S	2	17	70	60	30	A	A	No	30-18 ±3	B	60	Yes	Yes	C	R	Yes
	RX-773	225.00	15 x 2, 5 x 4	0.1	P/S	2	17	70	60	30	A	A	No	30-18 ±3	B	60	Yes	Yes	C		Yes
	RX-771	195.00	5 x 4	0.1	P/S	2	17	70	60	30	A	A	No	30-16 ±3		50	Yes	No	C		Yes
	RX-712	189.00	15	0.1	P/S	2	17	70	60	30	A	A	No	35-14 ±3		50	Yes	Yes	D	D	Yes
RX-703	150.00	5	0.1	S	2	17	70	60	30	A	A	No	35-14 ±3		50	Yes	No	D	D	No	
CRAIG	AR8841A	210.00	12	5	P/S	2	22.1	60	60	18	C	A	No	60-10	No	55	Yes	No	C	P	Yes
	AG6820	160.00	4	5	S	1	24.3	60	50		M	No	100-8	No	50	Yes	No	C	P	No	
	AG6810	110.00	4	5	S	1	24.3	60	50		M	No	100-8	No	50	No	No	C	P	No	
	DR3642	270.00	25	5	P/S	2	22.1	60	60	30	C	A	No	63-12	B	50	Yes	Yes	C	C	Yes
	DG2620	180.00	4	5	S	1	22.1	60	60	30	C	A	No	60-10	No	45	Yes	No	C	R	No
	DG2621	200.00	25	5	P/S	2	22.1	60	60	30	C	A	No	60-11	No	45	Yes	No	C	R	Yes
	AG5040	180.00	4	5	S	1	22.1	60	60	18	C	A	No	63-10	No	50	Yes	No	D	D	Yes
	AR7042	230.00	15	5	S	2	22.1	60	60	18	C	A	No	63-10	No	50	Yes	No	D	D	Yes
	AG120C	110.00	4	5	S	2	24.3	60	60		M	No	63-10	No	50	Yes	No	D	D	Yes	
	AG102C	90.00	4	5	S	1	24.3	60	60		A	No	63-10	No	50	No	No	D	D	Yes	
	AG101C	60.00	4	5	S	1	24.3	60	60		A	No	63-10	No	50	No	No	D	D	No	
	CRUNCH	CCR 320	219.95	15 x 4	0.8	P/S	3	18	60	18	C	A	No	30-20	No	66	Yes	Yes	C	P	Yes
CCR 420		319.95	15 x 4	0.8	P/S	2	18	60	24	C	A	No	25-20	No	68	Yes	Yes	C	R	Yes	
DENON	DCR-930R(ROC)	600.00	14 x 4		P/S	2	14.8	100	70	30	C	M	R	30-18 ±3	B/C	72	Yes	Yes	C	R	Out
	DCR-730R(C)	450.00	14 x 4		P/S	2	14.8	100	70	30	C	M	R	40-16 ±3	B	62	Yes	Yes	C	R	Out
	DCR-730RD(C)	420.00	14 x 4		P/S	2	14.8	100	70	30	C	M	No	40-16 ±3	B	62	Yes	Yes	C	R	Out
	DCR-720(C)	400.00	14 x 4		P/S	2	14.8	100	70	30	C	M	No	40-16 ±3	B	62	Yes	Yes	C	R	Out
	DCR-630(C)	370.00	14 x 4		P/S	2	14.8	100	70	30	C	M	No	40-16 ±3	B	62	Yes	Yes	C	R	Out
ECLIPSE	EQ2-304	525.00			P	2	12	40	24	C	M	No	20-20 ±3	B	69	Yes	Yes	C	P	Yes	
	ECE-302	335.00	12 x 4		P/S	2	12	40	24	C	M	No	30-16 ±3	B	67	Yes	Yes	C	P	Yes	
FULTRON	16-9200	280.00	7 x 2, 25 x 2	0.01	P/S	2	12	63	60	18	C	A	No	25-19 ±0.2	B	80	Yes	Yes	C	R	Yes
	16-9100	260.00	7 x 2, 25 x 2	0.01	P/S	2	12	63	60	18	C	A	No	25-19 ±0.2		80	Yes	No	C	R	Yes
	16-9050	240.00	15 x 4	0.01	P/S	2	13	63	61	18	C	A	No	30-20 ±0.2		83	Yes	No	C	R	Yes
	16-9025	200.00	7 x 4	0.01	P/S	2	13	64	61	18	A	A	No	30-20 ±0.2		83	Yes	No	C	R	Out
	16-8700	230.00	25 x 4	0.01	P/S	2	12	65	64	18	A	A	No	25-19 ±0.2	B	80	Yes	Yes	C	P	Out
	16-8600	200.00	25 x 4	0.01	P/S	2	12	65	64	18	A	A	No	25-19 ±0.2		80	Yes	No	C	P	Out
	16-8000	180.00	25 x 4	0.01	P/S	2	16	63	64	18	A	M	No	20-20 ±0.2		84	Yes	No	C	P	Out
	16-6700	170.00	7 x 4	0.01	P/S	2	16	63	64	18	C	M	No	20-20 ±0.2		84	Yes	No	D	D	Out
	16-6500	150.00	7 x 4	0.01	S	1	16	63	64	18	C	M	No	20-20 ±0.2		84	Yes	No	D	D	Out
	16-5500	140.00	7 x 4	0.1	S	2	20	70	71	0	M	No	20-19 ±0.2		87	No	No	D	P	Out	
JENSEN	JS9335BBE (with BBE processor)	349.00	15 x 4		P/S	2	14	60	60	30	C	A	No	40-18	B		Yes	Yes	C	R	Sub Out
	JS9400	329.00	15 x 4	5	P/S	5	16	61	60	30	C	A	No	50-15 ±3	B	55	Yes	Yes	C	P	Yes
	JS9330	339.00	15 x 4		P/S	2	14	60	60	30	C	A	No	40-18	B		Yes	Yes	C	R	Sub Out
	JS9110	279.00	7.5 x 4		P/S	2	14	60	60	30	C	A	No	50-15	B		Yes	Yes	C	R	Yes
	JS9100	249.00	15	5	P/S	5	16	61		A	A	No	40-15					D	O	Yes	
	JS6223	199.00	5	2.5	P/S	2	16		24	B	M	No	50-15	O	55	Yes	Yes	D	O	Yes	
	JS6123	159.00	5	5	P/S	2	16		24	B	M	No	50-15	O	55	Yes	Yes	D	O	Yes	
	CS8000	199.00			P/S	2	14	60	60	24	C	M	No	50-15			Yes	Yes	C		Yes
CS5000	239.00	12.5 x 4		P/S	2	14	60	60	24	C	M	No	50-15			Yes	Yes	C		Yes	

(Continued)

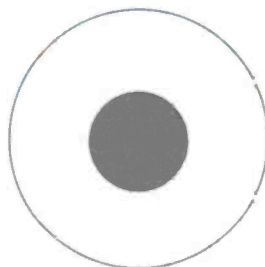
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RADIOS/ANALOG TAPE PLAYERS

MANUFACTURER	Model (R) = Remote Included (RO) = Remote Optional (C) = Head Unit Controls CD Changer	Price, \$	AMPLIFIER						TUNER						TAPE							
			Average/Watts Channel, per EIA-490	THD at Rated Output, % per EIA-490	Output Levels: Preamp (P), Speaker (S)	Number of Tone or EQ Controls (For -30 dB THD + N)	Alternate-Channel Selectivity, dB	FM Mono Usable Selectivity, dB	FM Mono S/N Ratio, -dB	Total Number of Station Presets	Tuning: Seek (A), Scan (B), Bolt (C)	Local/Distant Control: Manual (M), Automatic (A)	RDS = R, AM Stereo = S	Frequency Response, Hz to kHz, ±dB	Noise-Reduction Circuit? See Code	Tape S/N Ratio, -dB A-Weighted (With NR if Applicable)	Auto Reverse?	Program Search?	Fit: GM Vehicles (A), GM/Chrysler (B), DIN/ISO (C), Dual-Shaft (D)	Theft Protection: Pull-Out (P), Removable Controls (R), Secret Code (S)	RCA In/Out Jacks?	
JENSEN (Continued)	CS4500	179.00	10		P/S	2			18	C	A	No	50-14 ±3		53	Yes					No	
	CS4510	199.00	25		S	2			24	C	M	No	40-18			Yes				D		
	CS2510	159.00	5		S	2			24	C	M	No	40-18			Yes				D		
	CS1100	139.00	5		S	1	20		18	B	M	No	50-15		55	Yes	Yes			D		
	JSM94 (marine)	299.00	15 x 4	5	P/S	2			30	C	M	No	40-18	No		Yes	Yes			C	P	No
	JMC91 (marine)	259.00	5		P/S	2			24	C	M	No	40-18			Yes	Yes			C	P	Yes
JVC	KS-R125	129.95	3 x 4	0.8	S	1	19.5		20	C	A	No	50-13		52	Yes	No		D			
	KS-R140	159.95	3 x 4	0.8	S	2	18.8		20	C	A	No	50-14		52	Yes	No		D			
	KS-RX165	209.95	8 x 4	0.8	P/S	2	16.3		20	C	A	No	50-15	B	60	Yes	No		O		Out	
	KS-RT35	209.95	3 x 4	0.8	S	2	18.8		20	C	A	No	50-14		52	Yes	No		C			
	KS-RT45	229.95	12 x 4	0.8	S	2	16.3		20	C	A	No	50-15		52	Yes	No		C	R		
	KS-RT55	259.95	3 x 2	0.8	P/S	2	16.3		20	C	A	No	50-15	B	60	Yes	No		C	R		
				12 x 2																		
	KS-RT60(C)	289.95	12 x 4	0.8	P/S	2	16.3		24	C	A	No	50-16	B	60	Yes	No		C	R		
	KS-RT75(C)	349.95	12 x 4	0.8	P/S	2	16.3		24	C	A	No	50-16	B	60	Yes	Yes		C	R		
	KS-RT80(C)	399.95	3 x 2	0.8	P/S	2	16.3		24	C	A	No	50-18	B	60	Yes	Yes		C	R		
			12 x 2																			
	KS-R470	189.95	3 x 4	0.8	S	2	18.8		20	C	A	No	50-13		52	Yes	No		C	A		
	KS-RX835J (with CD; see also "In-Dash CD")	789.95	3 x 2, 8 x 2	0.8	P/S	2	16.3		24	C	A	No	40-20			Yes	Yes		A			
KAWASAKI	KR-286	659.99	25	1	P/S	10			30	C	M	No	50-15 ±0.3	B	50	Yes	Yes		B	R	Out	
	KR-262	489.99	25	1	P/S	12			24	C	A	No	50-15 ±0.3		50	Yes	Yes		B		No	
	KR-260	489.99	25	1	P/S	12			24	C	A	No	50-15 ±0.3		50	Yes	Yes		B		No	
	KR-266	359.99	6	1	S	10			24	C	A	No	50-15 ±0.3		59	Yes	Yes		B		No	
	KR-252	329.99	6	1	S	10			24	C	A	No	50-15 ±0.3		59	No	Yes		B		No	
	KR-182	329.99	6	1	S	10			24	A	A	No	50-15 ±0.3		59	Yes	Yes		D		No	
	KR-180	329.99	25	1	P/S	10			24	A	A	No	50-15 ±0.3		59	Yes	Yes		D		No	
	KR-172	259.99	6	1	S	10			24	A	A	No	50-15 ±0.3		59	No	Yes		D		Out	
	KR-170	259.99	25	1	P/S	10			24	A	A	No	50-15 ±0.3		59	No	Yes		D		Out	
	KENWOOD	KRC-980	449.00	25 x 4		P/S	2	15.2@ 50 dB	100	73	24	A	M	No	30-14 ±3	B/C	71	Yes	Yes		C	R
KRC-880		399.00	25 x 4		P/S	2	15.2@ 50 dB	100	73	24	A	M	No	30-14 ±3	B	63	Yes	Yes		C	R	
KRC-860		349.00	25 x 4		P/S	2	15.2@ 50 dB	100	73	24	A	M	No	30-14 ±3	B/C	71	Yes	Yes		C	R	
KRC-580		299.00	25 x 4		P/S	2	15.2@ 50 dB	100	73	24	A	M	No	30-14 ±3	B	63	Yes	Yes		C	R	
KRC-480		269.00	25 x 4		P/S	2	15.2@ 50 dB	100	73	24	A	M	No	30-14 ±3			Yes	Yes		C	R	
KRC-440		279.00	25		P/S	2	15.2@ 50 dB	100	73	24	A	M	No	30-14 ±3	B	63	Yes	Yes		C	P	
KRC-380		229.00	25		P/S	2	15.2@ 50 dB	100	73	24	A	M	No	30-14 ±3			Yes	Yes		C	R	
KRC-280		189.00	25		S	2	12@ 50 dB	100	73	24	A	M		30-14 ±3			Yes	Yes		C	R	
KRC-3006		229.00	25		P/S	2	13.2@ 50 dB	70	70	18	A			30-14 ±3	B	63	Yes	Yes		D		
KRC-2006		179.00	25		P/S	2	13.2@ 50 dB	70	70	18	A			30-14 ±3	B	63	Yes	Yes		D		
KRACO	KEC-1818	369.95	7.5 x 2, 25 x 2	3.0	P/S	2	9	55	60	30	C	M	No	50-15 ±3	B	60	Yes	Yes		C	R	Out
	KEC-1616	270.95	7.5 x 2, 25 x 2	3.0	S	2	10	55	60	30	A	M		60-15 ±3		55	Yes			C	R	
	KEC-1515	221.95	15	3.0	S	2	11	55	60	30	A	M		60-15 ±3		55	Yes			C	R	
	KF-1626	270.95	15	3.0	P/S	2	10	55	60	30	A	A		60-15 ±3		55	Yes			C	R	Yes
	KF-1109	299.95	15	3.0	P/S	2	9	55	60	30	C	A	No	60-15 ±3	B	60	Yes	Yes		C	C	Yes
	KF-1106	221.95	15	3.0	S	2	10	55	60	30	C	M		60-15 ±3		55	Yes			C	P	Yes
	KF-1105	270.95	15	3.0	S	3	9	53	60	18	C	A	No	60-15 ±3		60	Yes	No		C	P	No
	KF-1104	246.95	15	3.0	S	2	9	53	60	24	C	A	No	50-15 ±3		55	Yes	No		C	P	No
	KF-1102	219.95	15	3.0	S	1	9	53	60	30	C	A	No	60-15 ±3		60	Yes	No		C	P	No
	KWF-646	246.95	15	3.0	S	1	10	53	58	18	A	A	No	70-15 ±3		55	Yes	No		C	D	No
	ETR-1082	172.95	5	3.0	S	1	11	50	55	30	A	A		70-15 ±3		55	Yes			D		No
	ETR-1079	169.95	5	3.0	S	1	10	53	55	18	A	A	No	70-15 ±3		55	No	No		D		No
	LED-600	129.95	5	3.0	S	3	9	53	55	0	M	No	70-15 ±3		55	No	No		D		No	
	KID-588	116.95	5	3.0	S	1	10	50	55	0	M	No	70-12 ±3		55	Yes	No		D		No	
	KID-581	69.95	5	3.0	S	1	10	50	55	0	A	No	70-12 ±3		50	No	No		D		No	
KGE-601	92.95	5	3.0	S	3	10	50	55	0	M	No	70-12 ±3		50	No	No		D		No		
L.A. SOUND	LA 830DT	299.00	7 x 2, 22 x 2		P/S	2	10		70	30	A	M	No	30-13 ±3	B	62	Yes	Yes		C	R	Yes
	LA 805DT	279.00	7 x 2, 22 x 2		P/S	2	10		70	30	A	M	No	30-13 ±3	No	52	Yes	Yes		C	R	Yes
	LA 722DT	239.00	25 x 4		P/S	2	13		70	30	C	M	No	50-13 ±3	No	50	Yes	No		C	R	Yes
	LA 620DT	269.00	20 x 4		P/S	2			60	30	C	M		50-13	B	58	Yes	Yes		C	R	Yes
	LA 600DT	229.00	20 x 4		P/S	2			60	30	C	M		50-13		50	Yes	No		C	R	Yes

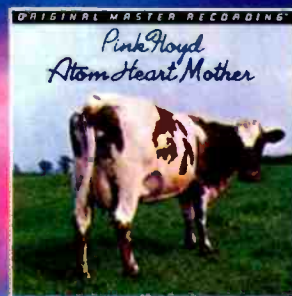
RADIOS/ANALOG TAPE PLAYERS

MANUFACTURER	Model (R) = Remote Included, (RO) = Remote Optional, (C) = Head Unit Controls, CD Changer	Price \$	AMPLIFIER					TUNER					TAPE								
			Average Watts/Channel, per EIA-490	THD at Rated Output, %, per EIA-490	Output Levels: Preamp (P), Speaker (S)	Number of Tone or EQ Controls (For -30 dB THD + N)	Alternate-Channel Selectivity, dB	FM Mono S/N Ratio, -dB	Total Number of Station Presets	Tuning: Seek (A), Scan (B), Both (C)	Local/Distant Control: Manual (M), Automatic (A)	RDS = R, AM Stereo = S	Frequency Response, Hz to kHz, ±dB	Noise-Reduction Circuit? See Code	Tape S/N Ratio, -dB, A-Weighted (With NR if Applicable)	Auto Reverse?	Program Search?	Fit: GM Vehicles (A), GM/Chrysler (B), Dodge (C), Dual-Shaft (D)	Theft Protection: Pull-Out (P), Removable Controls (R), Secret Code (S)	RCA In/Out Jacks?	
MAJESTIC	MCR280	69.95	5		1	12					A		80-10		50	No	No	D	No	No	
	MCR330	99.95	5		1	12				M		80-10		50	Yes	No	D	No	No		
	MCR1600HP	129.95	12	0.05	S	5	10	60		M		50-8		40	Yes	No	D				
	MCR6300	159.95	7	0.05	P/S	3	10		24	C		50-12		45	Yes	No		P	Yes		
	MCR5900HP	299.95	15		P/S	3		50	30	C	A	50-12			Yes	No		R	Yes		
	MCR6500HP	379.95	5 x 2, 16 x 2		P/S	3	10	55	30	C	A	50-12			Yes	Yes				Yes	
	MCR6900HP	399.95	5 x 2, 16 x 2	10	P/S	3	15	55	24	C	M	50-15	B	54	Yes	Yes		R	Yes		
	MCR9135	150.00	5 x 4		P/S	3		60	18	C	A	No	60-12		No	No	D		Yes		
	MCR9153	160.00	5 x 4		P/S	3		60	18	C	A	No	60-12		No	No	D		Yes		
	MCR9139	180.00	5 x 4		P/S	3		60	18	C	A	No	60-12		Yes	No	D		Yes		
	MCR1700AN	129.95	6	0.5	S	1	10	60	0		M	No	50-10		50	Yes	No	D		No	
	MCR1200	79.95	8	0.5	S	1	10	60	0		M	No	50-10		50	No	No	D		No	
	MCR1500BT	129.95	6	0.5	S	2	10	60	0		M	No	50-10		50	Yes	No	D		No	
	MCR9141HP	179.95	15	0.5	P/S	2	10	55	12	C	M	No	50-10		55	Yes	No	D		Yes	
	MCR9202HP	249.95	15 x 2, 9 x 4		P/S	2	14	65	24	C	M	No	50-14	B	60	Yes	Yes	D		Yes	
MCR90-630	229.95	4.5 x 2, 3.5 x 4	0.5	P/S	2	16	50	18	C	M	No	50-14		50	Yes	No	C	P	Yes		
MCR90-707HP	279.95	15 x 2, 9 x 4	0.5	P/S	5	16	50	24	C	M	No	50-14		50	Yes	Yes	C	P	Yes		
MCR90-909HP	299.95	15 x 2, 9 x 4	0.5	P/S	2	16	50	24	C	M	No	50-14	B	60	Yes	Yes	C	P	Yes		
MEI	CX2775	279.95	3 x 2, 12.5 x 2	0.8	P/S	2	16		24	C	A	No	60-12 ±3		55	Yes	Yes	C	R	4 Out	
	CX2725	249.95	3 x 2, 12.5 x 2	0.8	P/S	2	16		24	C	A	No	60-12 ±3		55	Yes		C	R	4 Out	
	CX2710	199.95	25						24	C	C				Yes					Yes	
	CX2660	189.95	25						30	C	C				Yes					Out	
	CX1625	129.95	2.7	0.8		18	40					120-10 ±3		45	Yes	Yes		P			
	CX2620	169.95	25						30	C	C				Yes					Out	
	CX2175	124.95	2.7	0.8	S	1	15.5		40	C	M	No	60-15 ±3		45	No	No	C			
	CX1425	99.95	2.7	0.8	S	1		40		M	M	No	120-10 ±3	O	40	Yes	No	C		No	
CX2225	129.95	2.7	0.8	S	1	15.5		18	C	M	No	60-15 ±3		45	Yes	Yes	D				
CX2125	109.95	2.7	0.8	S	1	15.5	50	60	18	C	No	60-12 ±3	O	45	No	No	D		No		
CX1225	49.95	2.7	0.8	S	1		60	40		M	No	80-8 ±3	O	40	No	No	D		No		
MOPAR	5269427	540.00	15.8 x 4	3	S	5	13.8	65	58	20	C	A	S	31.5-14 ±3	B	62	Yes	Yes	B		No
NAKAMICHI	TD-7 (includes MB-7 CD changer)	829.00	10 x 4	0.1	P/S	2	20		65	18	A	M	No	30-14	B	60	Yes	Yes	C	R	Yes
	MTD-1(RI) (†See "Amps")	830.00	†	†	†	2	17		60	18	A	A	No	20-20	B/C	70	Yes	Yes	C	R	Yes
OPTIMUS	12-1991	199.99	15		S	3			30	C	A		50-15		60	Yes	No	C		Yes	
	12-1992	179.99	13		S	3		65	30	C	A		20-25	E	50	Yes	No	C		Yes	
	12-1993	169.99	14		S		17.3		30	B		80-15			Yes	No	C	R	No		
	12-1994	119.99	14		S				30	B		80-15			No	No	B		Yes		
	12-1997	89.99	4		S		19.7		55	12	C		70-12		60	No	No	B		No	
	12-1814	59.99	8		S		21.3	50	68	B	M	No	60-10	No	55	No	No	B		No	
PANASONIC	CO-R75	529.00	25 x 4			2	13.2	75	70	24	C	A		35-17	B	62	Yes	Yes	C	R	Yes
	CO-R65	429.00	25 x 4			2	13.2	75	70	24	C	A		35-17	B	62	Yes	Yes	C	R	Yes
	CO-R45(C)	319.00	30 x 4 Max.	0.03	(2)P		13.2			20	B	A		35-17 ±0.3	B	62	Yes	Yes	C	R	Yes
	CO-R40	279.00	22 x 4 Max.	0.03			13.2			20	B	A		35-17 ±0.3	B	52	Yes	Yes	C	R	Yes
	CO-R35(C)	279.00	22 x 4 Max.	0.03	P		13.2			20	B	A		35-17 ±0.3		52	Yes	No	C	R	Yes
	CO-R30	219.00	22 x 4 Max.	0.03			13.2			20	B	A		35-17 ±0.3		52	Yes	No	C	R	Yes
	CO-J11	209.00	25 x 2, 15 x 4			2	13.2	75	70	18	A	A		35-17		52	Yes	No	C		No
	CO-J10	179.00	10 Max.	0.01			13.2			18	B	A		35-17 ±0.3		52	Yes	No	C	P	Yes
	CO-J05	209.00	7.5 x 2, 5 x 4			2	13.2	75	70	18	A	A		35-17		52	Yes	No	C	P	No
	CO-D70	279.00	25 x 2, 15 x 4			2	13.2	75	70	24	C	A		35-17		52	Yes	No	C	R	Yes
	CO-D55	299.00	25 x 2, 15 x 4				15.2	75	70	24	C			30-15 ±3		52	Yes	No	C	P	Yes
	CO-D50	259.00	25 x 2, 15 x 4				15.2	75	70	24	C			30-15 ±3		52	Yes	No	C	P	Yes
	CO-J01	174.00	7.5				15.2	75	70	18		A		30-15 ±3		52	Yes	No	C		Yes
	CO-ID60	429.00	22 x 4				13.2	75	70	24	A	A		35-20 ±3	B	62	Yes	Yes	C	P	Yes
	CO-B530	219.00	20				15.2	75	70	15	A	A		35-16 ±3		52	Yes	Yes	D		No
	CO-B520	179.00	7.5				15.2	75	70	15	A	A		35-12.5 ±3		52	Yes	No	D		No
	CO-B510	164.00	7.5				15.2	75	70	15	A	A		35-12.5 ±3		52	Yes	No	D		No
CO-E01	149.00	10 Max.	0.01			16.2			18	B	A		35-12.5 ±0.3		52	Yes	No	D		Yes	

RADIOS/ANALOG TAPE PLAYERS

MANUFACTURER	Model (R) = Remote Included (RO) = Remote Optional (C) = Head Unit Controls CD Changer	Price, \$	AMPLIFIER										TUNER					TAPE				
			Average Watts Channel, per EIA-190	THD at Rated Output, % per EIA-190	Output Levels: Preamp (P), Speaker (S)	Number of Tone or EQ Controls (For -30 dB THD, +N)	FM Mono Usable Sensitivity, dBf	Alternate-Channel Selectivity, dBf	FM Mono S/N Ratio, dB	Total Number of Station Presets	Tuning Seek (A), Scan (B), Both (C)	Local/Distant Control: Manual (M), Automatic (A)	RDS - R, AM Stereo - S	Frequency Response, Hz to kHz, ±dB	Noise-Reduction Circuit? See Code (With NR if Applicable)	Tape S/N Ratio, dB A-Weighted	Auto Reverse?	Program Search?	Fit GM Vehicles (A), GM Chrysler (B), DIN/ISO (C), Dual-Shaft (D)	Theft Protection, Pull-Out (P), Secret Code (S)	RCA In/Out Jacks?	
PHILIPS	2DC-722(C)	499.95	30 x 4		P/S	2				36	C	M	R	30-16 ±3	B	60	Yes	Yes	C	R	Yes	
	DC-532(C)	329.95	12 x 4		P/S	2			30	C	M	R	40-14 ±3	B	60	Yes	No	C	R	Yes		
	DC-352(C)	269.95	12 x 4		P/S	2			30	C	M	M	40-14 ±3	B	50	Yes	No	C	R	Yes		
	DC-342	199.95	12 x 4		S	2			30	C	M	M	40-14 ±3	B	50	Yes	No	C	R	No		
PIONEER	KEH-M8500(RIC)	600.00	25 x 2, 15 x 4	0.05	P/S	3	8	70	70	24	C	A	No	30-19 ±3	B/C	73	Yes	Yes	C	R	Yes	
	KEH-P7000(RIC)	520.00	14 x 4	5			11			24	C			30-19 ±3	B/C	70	Yes	Yes	C	R	Out	
	KEH-P6000(C)	430.00	14 x 4	5			11			24	C			40-17 ±3	B	63	Yes	Yes	C	R	Out	
	KEH-P5000(C)	340.00	10 x 4	5			11			24	C			40-17 ±3	B	63	Yes	Yes	C	R	Out	
	KEH-P4000(C)	290.00	10 x 4	5			11			24	C			40-14 ±3	No	52	Yes	No	C	R	Out	
	KEH-9898TR	345.00	25 x 2, 15 x 4	0.3	P/S	2	11	70	70	24	C	A	No	40-17 ±3	B	66	Yes	Yes	D		Yes	
	KEH-3500	310.00	25 x 2, 15 x 4	0.05	P/S	2	11	70	70	24	C	A	No	40-17 ±3	B	63	Yes	Yes	C	R	Yes	
	KEH-2500	270.00	25 x 2, 15 x 4	0.05	P/S	2	11	70	70	24	C	A	No	40-14 ±3	B	52	Yes	No	C	R	Yes	
	KEH-6969	280.00	25 x 2, 15 x 4		P/S	2	11	70	70	24	C	M	No	40-17 ±3	B	63	Yes	No	C	R	Yes	
	KEH-4949	235.00	25 x 2, 15 x 4		P/S	2	11	70	70	24	C	M	No	40-14 ±3	B	52	Yes	No	C	R	Yes	
	KE-4848	260.00	8.5 x 2, 7 x 4	0.3	P/S	2	11	70	70	24	C	A	No	50-17 ±3	B	63	Yes	Yes	D		Yes	
KE-3838	205.00	8.5 x 2, 7 x 4	0.3	P/S	2	11	70	70	24	C	A	No	50-14 ±3	B	52	Yes	No	D		Yes		
KE-1818	185.00	8.5 x 2, 7 x 4	0.05	S	1	11	70	70	24	C	M	No	50-14 ±3	B	52	Yes	No	D		No		
KE-1800QR	200.00	3.2 x 4	5			11			24	C			50-14 ±3	No	52	Yes	No		P		Out	
PREMIER	RS-K1(RIC)	1400.00			P	4	8	70	70	24	C		No	20-20 ±3	B/C	73	Yes	Yes		R	R	Yes
	KEX-M850(RIC)	670.00			P/S	3	8	70	70	24	C	A	No	25-22 ±3	B/C	73	Yes	Yes	C	R	Yes	
	KEH-M780(RIC)	640.00	30 x 4	0.05			11			24	C			30-19 ±3	B/C	73	Yes	Yes	C	R	Yes	
	KEH-P770(RIC)	530.00	14 x 4	5			11			24	C			30-19 ±3	B/C	73	Yes	Yes	C	R	Yes	
	KEH-P570(C)	350.00	10 x 4	5			11			24	C			40-20 ±3	B	63	Yes	Yes	C	R	Out	
	KEH-480	280.00	25 x 2, 15 x 4	0.05	P/S	2	11	70	70	24	C	A	No	40-14 ±3	B	52	Yes	Yes	C	R	Yes	
	KE-350	265.00	8.5 x 2, 7 x 4	0.05	P/S	2	11	70	70	24	C	A	No	50-20 ±3	B	60	Yes	Yes	D		Yes	
KE-250	225.00	8.5 x 2, 7 x 4	0.05	P/S	2	11	70	70	24	C	M	No	50-14 ±3	B	52	Yes	Yes	D		Yes		
PRESTIGE	P-85(ROC)	310.00	25 x 4		P/S	2	11	74	70	30	A	A	No	30-15	B	60	Yes	Yes	C	R	Out	
	P-75(C)	279.95	25 x 4		P/S	2	11	74	70	30	A	A	No	50-14	B	60	Yes	No	C	R	Out	
	P-70	249.95	25 x 4		P/S	2	11	74	70	30	A	A	No	50-14	B	50	Yes	No	C	R	Out	
	P-50	189.95	7 x 2, 25 x 2		P/S	2	11	74	65	18	A	M	No	50-12	B	50	Yes	No	C	R	Out	
	P-30	189.95	25		P/S	2	11	74	70	18	B	M	No	50-12	B	60	Yes	Yes	D		Out	
	P-20	154.95	7		P/S	2	11	74	65	18	B	M	No	50-10	B	50	Yes	No	D		Out	
	P-10	124.95	7		S	1	16	65	65	18	B	M	No	50-10	B	50	No	No	D		Out	
PROFILE	DH3060(C)	249.95	20 x 4		P/S					30	C	M			B	63	Yes	Yes	C	R	Yes	
	DH3040	229.95	20 x 4		P/S					30	C	M			B	62	Yes	No	C	R	Yes	
	DH3020	219.95	20 x 4		P/S					30	C	M			B	52	Yes	No	C	R	Yes	
	DH3000	189.95	20 x 4		P/S					30	C	M			B	52	Yes	No	C	R	Yes	
	DH2800	169.95	25		P/S					30	C	M			B	52	Yes	No	C	R	Yes	
	ON525	169.95	25		P/S					30	C	M			B	52	Yes	No	C	P	Yes	
	DN320A	149.95	25		P/S					30	C	M			B	52	Yes	No	C	P	Yes	
	DN311	129.95	25		P/S					30	C	M			B	52	Yes	No	C		Yes	
	CS933	129.95	25		P/S					18	C				B	52	Yes	No	D		Yes	
	CS833	89.95	12		P/S							M			B	52	Yes	No	D		Yes	
PROTON	CV-292	300.00	22	0.8	S		16.3	60	62	18	C	M	No	35-14	B	65	Yes	Yes	C	P	Yes	
	CV-227	280.00	22	0.8	S					18	C	M	No	20-20	B	65	Yes	Yes	C	P	Yes	
	CV-516	350.00	25		S					30	C	M	No	20-20	B	65	Yes	Yes	C	R	Yes	
	CV-912	400.00	25		S					36	C	M	R	20-20	B/O	65	Yes	Yes	C	R	Yes	
ROADMASTER	RS1600C	149.99	10	3	S		12				A	No	60-14 ±0.3		50			D		No		
	RS2040C	149.99	10	3	S	3	12				A	No	60-13 ±0.3		50			D		No		
	RS12P	129.99	10	3	S		12				A	No	40-12 ±0.3		50			C	P	No		
	RS1200N3	89.99	5	3	S		12				A	No	60-13 ±0.3		55			D		No		
	RS1000NC	59.99	5	3	S		12				A	No	40-12 ±0.3		55			D		No		
SANYO	MAR-3090	200.00	25 x 2, 7 x 4	1	P/S	2	25	65	60	30	C	M	No	50-15 ±0.3		52	Yes	No	C	R	Yes	
	MAR-1090	150.00	12	1	P/S	2	25	65	60	24	C	M	No	50-14 ±0.3		52	Yes	No	D		Yes	
	MAR-2280	239.99	9.5 x 4	1	P/S	2	17	65	60	24	C	M	No	50-14 ±0.3	B	62	Yes	Yes	C	P	Yes	
	MAR-2080	219.99	9.5	1	P/S	2	17	65	60	24	C	M	No	50-14 ±0.3	B	52	Yes	No	C		Yes	
	MAR-1980	189.99	9.5	1	P/S	2	17	65	60	24	C	M	No	50-14 ±0.3	B	52	Yes	No	C		Yes	
	MAR-1280	199.99	9.5	1	P/S	2	17	65	60	24	C	M	No	30-18 ±0.3	B	62	Yes	Yes	D		Yes	
	MAR-1000	129.99	3	0.05	S	1	17	65	50	24	C	M	S	50-14 ±0.3	B	50	Yes	No	D		No	
	MAC-4190	250.00	12 x 4	1	P/S	5	25	65	60	30	C	M	No	50-15 ±0.3	B	52	Yes	Yes	C	R	Yes	
	MAC-3190	230.00	25 x 2, 7 x 4	1	P/S	2	25	65	60	30	C	M	No	50-15 ±0.3	B	52	Yes	Yes	C	R	Yes	

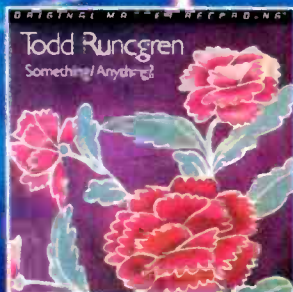
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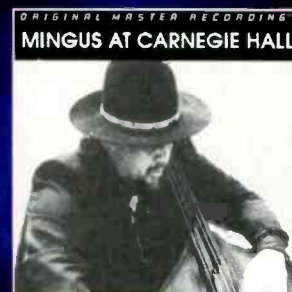
UDCD 591



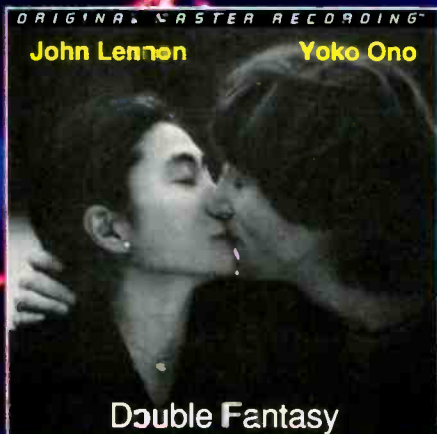
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UDCD 598



UDCD 599 (MFSL Exclusive)



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The last official album, released days prior to Lennon's 1980 murder, displaying the renewed creative forces the duo had found, with hits like WOMAN, (JUST LIKE) STARTING OVER and WATCHING THE WHEELS.



NEW RELEASE UDCD 601
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CD CHANGERS & D/A CONVERTERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Price, \$	Number of Magazines	Number of Discs per Magazine	Frequency Response, Hz to kHz, ± dB	Dynamic Range, dB	THD at 1 kHz for 0-dB Level, %	Number of Programmable Selections	Repeat Functions: Entire Disc (D), Track (T), Entire Program (E)	Audible Fast Search?	Auto Scan: Disc (D), Tuner (T)	TUNER					Digital Outputs?	RCA Out Jacks?
												FM Usable Sensitivity, dB (For -30 dB THD + N)	Alternate-Channel Selectivity, dB	FM Mono, S/N, -dB	Total Number of Station Presets			
AIWA	ADC-M22 Changer	500.00	1	10	5-20	85	0.01		D/T	Yes	D					No	No	
ALPINE	7982 In-Dash Changer/Tuner	780.00	1	3	5-20	95	0.010		D/T	Yes	D/T	9.3	80	65	24	No	Yes	
	5960 Changer	420.00	1	6	5-20	94	0.034		D/T	Yes	D							
	5970 Changer/Controller/FM Modulator	540.00	1	6	5-20	94	0.034		D/T	Yes	D							
	5957S Changer	600.00	1	6	5-20 ±0.1	103	0.035									Yes	Yes	
	CHA-S607 Changer	600.00	1	6	5-20	96	0.034		D/T	Yes	D							
	1310 Controller/Tuner (with ID Logic)	650.00							20	D/T	Yes	D	9.3	80	65	12	Yes	Yes
1203 Controller	280.00							20	D/T	Yes	D					No	Yes	
1201 Controller	180.00								D/T	Yes	D					No	Yes	
AUDIO GODS	CD2010 Changer/FM Modulator	549.00	1	10	20-20 ±0.5	96	0.0003		D/T/E	Yes	D							
AUDIOVOX	ACC-25 Changer	600.00	1	10	5-20 ±1	95	0.008	0	D/T	Yes	D					No	No	
	ACC-50 Changer/Controller/FM Modulator	699.95	1	10	5-20 ±1	95	0.008	0	D/T	Yes	D					No	No	
	ACC-55(RI) Changer/Controller/FM Modulator	749.95	1	10	5-20 ±1	95	0.008	0	D/T	Yes	D					No	No	
BLAUPUNKT	CDC-M5 Changer	449.95	1	10	5-20 ±1	90	0.01	240	D/T/E	Yes	D					No	No	
	CDC-RF1 Changer/Controller/FM Modulator	499.95	1	10	5-20 ±3	90	0.01	0	D/T	No	D					No	No	
BOSS AUDIO SYSTEMS	AVA-CD1646 Changer/Controller/FM Modulator	599.00	1	10			0.0002		E	Yes	D					No	Yes	
CLARION	2060 Changer	499.95	1	6	5-20 ±0.5	95	0.005		D/T/E	Yes	D					Yes	No	
	6201CD Changer	399.95	1	6	5-20	93			D/T/E	Yes	D					No	No	
	FMC304 Controller	119.95																
	FMC404(RI) Controller	169.95															Yes	
1060(RI) Controller	169.95								D/T/E	Yes	D						Yes	
COUSTIC	CC-55 Changer	600.00	1	10	5-20 ±0.5	90	0.008		D/T	Yes	D					Yes	Yes	
	CC-101 Changer	599.00	1	10	5-20 ±0.5	90	0.008	10	D/T/E	Yes	D					No	Yes	
COUSTIC/DESIGN REFERENCE	DA-55 D/A Converter	499.00			20-20 ±0.001	97	0.002									No	Balanced	
CRAIG	AP9500(RI) Changer/FM Modulator	510.00	1	6	5-20 ±0.3	90	0.01	32	D/T	Yes	D						Yes	
DENON	DCH-700 Changer	750.00	1	5	5-20 ±1	100	0.003		D/T	Yes						Yes	No	
	DCH-600 Changer	600.00	1	5	5-20 ±1	96	0.005		D/T	Yes						No	No	
	DCH-501 Changer/FM Modulator	650.00	1	10	5-20 ±3	90	0.005		D	Yes	D					No	Yes	
	DCX-70 Controller	140.00							No	No	D					No	Yes	
	DCX-60 FM Modulator	85.00																
ECLIPSE	ESD-430 Changer	510.00	1	12	20-20 ±3	94	0.02		D/T/E	Yes	D/T					No	Yes	
	ESD-530 Changer	700.00	1	12	5-20 ±1	108	0.006		D/T/E	Yes	D/T					Yes	Yes	
FULTRON	16-9900(RI) Changer/Controller/FM Modulator	500.00	1	10	20-20 ±0.1	100	0.0002	0	T	Yes	D					No	Yes	
JVC	KS-RF10 Controller	149.95								Yes						No	No	
	KS-RM18 Controller	229.95						50		Yes	D					No	Yes	
	XL-MK500 Changer	399.95	1	6	5-20	98	0.004		D/T							No	No	
	KD-MK70 Changer	459.95	1	12												No	No	
	XL-MG1800 Changer	699.95	3	6	5-20	98	0.004									No	No	
	KD-MK71RF Changer/Controller/FM Modulator	569.95	1	12												No	No	
	XL-MG800RF Changer/Controller/FM Modulator	599.95	1	6	5-20	98	0.004		D/T		D					No	No	
KD-GT7 In-Dash Changer/Tuner/Amp	799.95	1	3	5-20	95	0.004	0	D/T	Yes	D/T	16.3			24	No	No		
KENWOOD	KDC-C602 Changer	379.00	1	10	10-20 ±1	96	0.01									No	No	
	KDC-C602FM Changer/Controller/FM Modulator	479.00	1	10	10-20 ±1	96	0.01		D/T	Yes	T					No	No	
McINTOSH	MCD 410 Changer	1990.00	1	6	4-20	100	0.0018		E	Yes	D	9	75			No		
MEI	CDC1010(RI) Changer/Controller/FM Modulator	499.95	1	10	5-20 ±2		0.001		D/T		D							
MONOLITHIC	DAC-1 D/A Converter	399.00			20-20 ±1	108	0.032									No	Yes	
	PRO-DAC D/A Converter	799.00			20-20 ±1	108	0.032									Yes	Yes	
MOPAR	82201548(RI) Changer	500.00	1	6	20-20 ±1	95	0.008		D/T	Yes							No	
NAKAMICHI	100 CDCI Changer	3000.00	1	10	5-20	100	0.004									Yes	Yes	
	MB-7 Music Bank Changer	↑	0	7	10-20	87	0.015									No	No	
	↑Included with TD-7 radio or CD-7 In-dash CD player																	
MB-7FM(RI) Music Bank Changer/Controller/FM Modulator	560.00	0	7	10-20	87	0.015									No	No		
MB-9 Music Bank Changer	600.00	0	7	10-20	93	0.008									Yes	Yes		

CD CHANGERS & D/A CONVERTERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Price, \$	Number of Magazines	Number of Discs per Magazine	Frequency Response, Hz to kHz, ± dB	Dynamic Range, dB	THD at 1 kHz for 0-dB Level, %	Number of Programmable Selections	Repeat Functions: Entire Disc (D), Track (T), Entire Program (E), Audible Fast Search?	Auto Scan: Disc (D), Tuner (T)	TUNER				
											FM Usable Sensitivity, dB (for -30 dB THD ± 1%)	Alternate-Channel Selectivity, dB	FM Mono, S/N, -dB	Total Number of Station Presets	Digital Outputs?
NAKAMICHI (Continued)	CDC111 Changer DAC11 D/A Converter †Included with CDC111 changer	1200.00 †	1	10	5-20 5-20	85 96	0.01 0.0035		D/T Yes	D D				Yes Yes	No Yes
PANASONIC	CX-DP1200 Changer CX-DP60 Changer CY-RM60 Wireless Remote/Display Unit/FM Modulator CX-DPFM60 Changer/Wireless Remote/Display Unit/FM Modulator CY-RM15 Controller (with amp) CY-RM16 Controller CY-RM5 Controller	479.00 479.00 179.00 619.00 299.00 249.00 129.00	1 1 1 1	12 6 6	5-20 ±1 5-20 ±1		0.01 0.01		D/T D/T Yes D/T Yes D	Yes Yes D D Yes D				Yes Yes Yes Yes	Yes
PHILIPS	DC-012 Changer	499.95	1	6	5-20	96	0.03		D/T Yes	D D				No	No
PIONEER	CDX-FM121(RI) Changer/Controller/ FM Modulator CDX-P1200 Changer CDX-P600 Changer CDX-FM61(RI) Changer/Controller/ FM Modulator CDX-M30 Changer	540.00 500.00 460.00 500.00 460.00	1 1 1 1 1	12 12 6 6 6	5-20 ±1 5-20 ±1 5-20 ±1	94 94 94			D/T D/T/E D/T/E D/T D/T/E	Yes Yes Yes Yes Yes	D D D D D				No
PREMIER	CDX-P606 Changer RS-M1 Changer	460.00 700.00	1 1	6 12	5-20 ±1	94			D/T/E D/T	Yes Yes	D D				No
PRESTIGE	P-160 Changer P-165(RO) Changer/Controller/ FM Modulator P-180 Changer P-185(RO) Changer/Controller/ FM Modulator	499.95 599.95 499.95 599.95	1 1 1 1	6 6 10 10	5-20 ±1 5-20 ±1 5-20 ±1 5-20 ±1	95 95 95 95	0.008 0.008 0.008 0.008	0 0 0 0	D/T D/T D/T D/T	Yes Yes Yes Yes	D D D D			No No No No	No No No No
PROFILE	CDC500F Changer/Controller/ FM Modulator	559.95	1	10	5-20	95	0.002		Yes	D				No	Yes
SANYO	MAX-8000 Changer MAX-6600 Changer AX-600 Changer FTP-1S Controller CM-R100 Remote/FM Modulator	529.99 529.99 529.99 79.99 139.99	1 1 1 1 1	10 6	5-20 ±3 5-20 ±3	95 95	0.008 0.008		D/T	D					
SENTREK	SCD 2000(RI) Changer/Controller/ FM Modulator	499.95	1	10	17-20	95	0.008	0	D/T	Yes	D				
SHERWOOD	XM-7050(RI) Changer/Controller/ FM Modulator XM-710 Changer	600.00 500.00	1 1	6 6	5-20 ±0.5 5-20 ±0.5	93 93		30 30	T T	Yes Yes				No No	Yes No
SONY	CDX-45 Changer CDX-65 Changer CDX-U404 Changer CDX-45RF Changer/Controller/ FM Modulator CDX-65RF Changer/Controller/ FM Modulator RM-X14 Controller/FM Modulator XMC-U150 Controller/Amplifier	430.00 480.00 570.00 500.00 600.00 260.00 260.00	1 1 1 1 1 1 1	10 10 10 10 10	10-20 10-20 10-20 10-20 10-20	90 90 90 90 90	0.008 0.008 0.008 0.008 0.008	110 110 110	D/T D/T/E D/T/E D/T/E	No Yes Yes Yes Yes	No No No No No			No No No No No	Yes Yes Yes Yes Yes
SONY EXPRESS	EXCD-1RF Changer/Controller/ FM Modulator	450.00	1	10	10-20	90	0.008			No	No			No	Yes
SONY MOBILE ES	CDX-U400D Changer CDX-U606 Changer XES-C1 Changer	550.00 700.00 900.00	1 1 1	10 10 10	10-20 5-20 5-20	90 100 110	0.008 0.003 0.003	110 110 110						Yes Yes Yes	Yes Yes Yes
SOUNDSTREAM	DC1000 Changer/Remote DTA1 D/A Converter	759.00 595.00	1	10	5-20 ±1 5-20 ±0.25	90 96	0.05 0.03							Yes	Yes Yes
TECHNICS	CX-DP3000 Changer	979.00	1	12	5-20 ±1	96	0.005		D/T	Yes	D				
TOSHIBA	TX-903 TX-923 TX-963(RO) Changer TX-963FM(RI) Changer/Controller/ FM Modulator TX-973(RO) Changer TX-973FM(RI) Changer/Controller/ FM Modulator	399.00 499.00 429.00 479.00 479.00 549.00	1 1 1 1 1 1	6 6 6 6 10 10					D/T D/T D/T D/T D/T D/T	Yes Yes Yes Yes Yes Yes	D D D D D D			No No No No No No	No No No No No No



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IN-DASH CD PLAYERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional, (C) = Player Controls CD Changer	Price, \$	Frequency Response, Hz to kHz, ±dB	Dynamic Range, dB	THD, % at 1 kHz for 0-dB Level	Filtration: Analog Only (A), Digital + Analog (D)	Number of Programmable Selections	AUX Input?	Repeat Functions: Entire Disc (D), Track (T), Entire Program (E)	Audible Fast Search?	Auto Scan: Disc (D), Tuner (T)	TUNER				Total Number of Station Presets (Built-in Amp Power, Watts/Channel (if Applicable))	Theft Protection: Pull-Out (P), Removable Controls (R), Secret Code (S)	RCA In/Out Jacks?	Digital Outputs?
												FM Usable Sensitivity, dB (For -30 dB THD + f)	Alternate-Channel Selectivity, dB	FM Mono S/N Ratio, -dB	Total Number of Station Presets				
ALPINE	7982 (3-disc changer)	780.00	5-20	95	0.010	D		No	D/T	Yes	D/T	9.3	80	65	24		R/S	Yes	No
	7817(C)	570.00	5-20 +0.1	95	0.01	D		Yes	D/T	Yes	D	9.3	80	65	18		R	Yes	
	7816(C)	520.00	5-20 +0.1	95	0.01	D	20	Yes	D/T	Yes	D	9.3	80	65	18	30 x 4	R	Yes	
	7815	440.00	5-20	95	0.008	D		No	D/T	Yes	D/T	9.3	80	65	24	25 x 4	R	Yes	No
7814	400.00	5-20 +0.1	95	0.01	D	20	Yes	T	Yes	D	9.3	80	65	18	25 x 4	R	Yes		
AUDIO GODS	CD90	499.00	20-20 ±0.5	93	0.002	D	0	No	D/T/E	Yes	D/T				24	25 x 4	R	Yes	
AUDIOVOX	ACD-60	599.95	20-20	80	0.05	D	16	Yes	T	Yes	D/T	13	60	65	18	25	R	Out	No
	ACD-40	599.95	5-20	95	0.05	D	16	Yes	T	Yes	D/T	13	60	65	18	25	P	Out	No
BLAUPUNKT	Monterey CDM83(RO)	569.95	5-20 ±3	90	0.01	D	24	No	D/T/E	Yes	D/T	12	75	70	24	20 x 4	R	Yes	No
	Ventura CD83	469.95	5-20 ±3	90	0.01	D	0	No	D/T	Yes	D/T	12	75	70	24	20 x 4	R	Yes	No
	Laguna CD43	349.95	5-20 ±3	90	0.04	D	16	Yes	D/T/E	Yes	D/T	19	55	70	24	25	R	Yes	No
CLARION	7580(RIC)	1019.95	5-20	95		D			D/T/E	Yes	D/T	12	70		24			Yes	
	7770(RIC)	599.95	5-20	95		D			D/T/E	Yes	D/T	9	75		24		R	Yes	
	5870CD	649.95	5-20	93		D		Yes	D/T/E	Yes	D/T	12	70		20		P	Out	Yes
	6770(RI)	509.95	5-20	93		D			D/T/E	Yes	D/T	9	75		24		R	Yes	
	5671CD	399.95	5-20 ±0.1	93	1	D	0	No	D/T/E	Yes	D/T	12	70		20	27	P	Yes	
	5632CD	349.95	5-20 ±0.1	93	1	D	0	No	D/T/E	Yes	D/T	12	70		20	27	P	Yes	
	ADCS-1(RIC; see also "Ambience/Surround")	3499.95	5-20	100	0.004	D		Yes	D/T/E	Yes	D/T	9	75		24		R	Yes	
5780CD	469.95	5-20	95		D			D/T/E	Yes	D/T	9	75		24	30 x 4	R	Yes		
CDUSTIC	CD-303	550.00	4-20 ±2	90	0.05	D	16	Yes	D/T/E	Yes	D/T	17	70	60	30	14 x 4	P	Yes	No
CRAIG	AP9910	499.90	20-20	90	0.01	D	16	No	D/T	Yes	D/T	19.2	65	60	24	25	R	Out	No
	AP9920	524.95	20-20	90	0.01	D	16	No	D/T	Yes	D/T	19.2	65	60	24	25 x 2	R	Out	No
DENON	DCT-950R (with RDS)	750.00	5-20 ±1	96	0.005	D		Yes	D/T	Yes	D/T	14.8	100	70	30	14 x 4	R	Yes	No
ECLIPSE	ECD-412	485.00	20-20 ±3	94	0.02	D	0	No	D/T	Yes	D/T	13.5			24	12	P	Yes	No
	ECD-413(C)	650.00	20-20 ±3	94	0.02	D	0	No	D/T	Yes	D/T	13.5			24	12 x 2	P	Yes	No
	ECD-414	519.00	20-20 ±3	94	0.02	D	0	No	D/T	Yes	D/T	13.5			24	4 x 4	S	Yes	No
	ECD-415	650.00	20-20 ±3	94	0.02	D	0	No	D/T	Yes	D/T	13.5			24		S	Yes	No
ECD-510	850.00	20-20 ±3	108	0.006	D	0	No	D/T	Yes	D/T	13.5			24			Yes	Yes	
JENSEN	CD9540	469.00	20-20 ±3	90					T	Yes	D/T	14	60		24	25	R	Yes	
	CD5100	419.00	20-20 ±3	90			16		T	Yes	D/T	14	60	60	24	20	R	Yes	
JVC	KD-GS40	349.95	5-20	95	0.004	D	0	No	T	Yes	D/T	16.3			24	22 x 4	R	Out	No
	KD-GS50	399.95	5-20	95	0.004	D	0	No	T	Yes	D/T	16.3			24	22 x 4	R	Out	No
	XL-G3900(C)	499.95	5-20	93	0.007	D	0	No	D/T	Yes	D/T	16.3			24	22 x 4	R	Out	No
	KD-GT7 (3-disc changer)	799.95	5-20	95	0.004	D	0	No	D/T	Yes	D/T	16.3			24	25 x 4	R	Out	No
	KS-RX835J (with cassette; see also "Tape Players")	789.95	5-20	95	0.005	D	0	Yes	T	Yes	D/T	16.3			24	3 x 2, 8 x 2	R	Out	No
KAWASAKI	KRCD-296	729.99	20-20	90	1	D		No	T	Yes	D/T	10	70		24	25	P	Out	
KENWOOD	KDC-9000	549.00	5-20 ±1	96	0.005	D	20	No	D/T	Yes	D	12	70	73	24		R	Yes	No
	KDC-7001	429.00	10-20 ±1	96	0.01	D	0	No	D/T	Yes	D	12	70	73	24	25 x 4	R	Yes	No
	KDC-6001	379.00	10-20 ±1	96	0.01	D	0	No	D/T	Yes	D	12	70	73	24	25 x 4	R	Yes	No
	KDC-5001	339.00	10-20 ±1	96	0.01	D	0	No	D/T	Yes	D	12	70	73	24	8 x 4	R	Yes	No
McINTOSH	MX 401(C)	690.00	5-20	95	0.005	D			D/T/E	Yes	D	9	75		24				
MEI	CDX1020	399.95	40-20 ±1	87	0.05				T					60	24	25	P		
	CDX1026	449.95												30	30		R		
MOPAR	82400844 (with AM stereo)	760.00	30-20 +0.2	100	0.15	D	0	No	D	No	D/T	15.2	60	58	20	16.5x4		No	No
	82300644 (with AM stereo)	760.00	30-20 +0.2	100	0.15	D	0	No	D	No	D/T	15.2	60	58	20	16.5x4		No	No
NAKAMICHI	CD-7 (includes MB-7 CD changer)	1000.00	5-20	85	0.02	D	0	Yes	D/T/E	Yes	D	15		60	18	15 x 4	R	Yes	No
	CD Tuner 1(RI)	750.00	5-20	85	0.008	D	0	Yes		Yes	D	17		60	18		P	Yes	No
OPTIMUS	12-1995	329.99	20-20 ±3			D	16	Yes	T	Yes	T	17.3		80	30	16	R	Yes	No
PANASONIC	CO-DP55	499.00	20-20 ±1		0.01			Yes	D/T	Yes	D/T	13.2	75	70	20	30 x 4 Max.	R	Yes	
	CO-DP50	459.00	20-20 ±1		0.01			Yes	D/T	Yes	D/T	13.2	75	70	20	30 x 4 Max.	R	Yes	
	CO-DP36	439.00	20-20 ±1		0.01			Yes	D/T	Yes	D/T	13.2	75	70	20	22 x 4 Max.	R	Yes	
	CO-DP34	399.00	20-20 ±1		0.01			Yes	D/T	Yes	D/T	13.2	75	70	20	22 x 4 Max.	R	Yes	
PHILIPS	DC 942(C; with RDS)	599.95	20-20 ±0.3	90	0.01	D	0	Yes	D/T	Yes	D/T				36	30 x 4	R	Yes	No
PIONEER	DEH-M990DSP(RIC; see also "Ambience/Surround")	950.00	5-20 ±1	90	0.05	D	512	No	D/T/E	Yes	D/T	8	70	70	24	30 x 4 Max.	R	Yes	
	FHM-75(RIC; with cassette)	1200.00	5-20 ±1	90		D		No	D/T	Yes	D/T	8	70	70	24	30 x 4		Yes	
	DEH-P705(RIC)	630.00	5-20 ±1	90					D/T/E	Yes	D/T	11	70	70	24	30 x 4	R	Out	
	DEH-P605(C)	580.00	5-20 ±1	90					D/T/E	Yes	D/T	11	70	70	24	30 x 4	R	Out	
	DEH-505(RI)	480.00	5-20 ±1	90					D/T	Yes	D/T	11	70	70	24	22 x 4	R	Out	
	DEH-405	420.00	5-20 ±1	90					D/T	Yes	D/T	11	70	70	24	22 x 4	R	Out	
	DEH-205	400.00	5-20 ±1	90					D/T	Yes	D/T	11	70	70	24	22 x 4	R	Out	

IN-DASH CD PLAYERS

MANUFACTURER	Model (R) = Remote Included, (RO) = Remote Optional, (C) = Player Controls CD Changer	Price, \$	Frequency Response, Hz to kHz, ±dB	Dynamic Range, dB	THD, % at 1 kHz for 0-dB Level	Filtration: Analog Only (A), Digital + Analog (D)	Number of Programmable Selections	AUX Input?	Repeat Functions: Entire Disc (D), Track (T), Entire Program (E)	Audible Fast Search?	Auto Scan: Disc (D), Tuner (T)	TUNER				Built-In Amp Power, Watts/Channel (If Applicable)	Threat Protection: Punt-Out (P), Removable Controls (R), Secret Code (S)	FCA In/Out Jacks?	Digital Outputs?
												FM Usable Sensitivity, dBf (For -30 dB THD + M)	Alternate-Channel Selectivity, dB	FM Mono S/N Ratio, -dB	Total Number of Station Presets				
PREMIER	DEH-45	420.00	5-20 ±1	90		D	0	No	D/T	Yes	D/T	11	70	70	24	22 x 4	R	Out	No
	DEH-P65(C)	610.00	5-20 ±1	90		D	0	No	D/T/E	Yes	D/T	11	70	70	24	30 x 4	R	Out	No
	RS-D2(RIC)	1400.00	5-20 ±1			D	36	Yes	D/T/E	Yes	D/T	8	70	70	24		R	Out	Yes
	DEX-M88(RIC)	900.00	5-20 ±1	92		D	512	Yes	D/T/E	Yes	D/T	7	70	70	24		R	Out	Yes
PROFILE	CD270	439.95	10-20	90	0.05	D	16	No		Yes					24	25	R	Yes	No
	CD220	399.95	10-20	90	0.05	D	16	No		Yes					24	25	P	Yes	No
SANYO	ECD-8580	379.99	5-20 ±3	95	0.05	D	16	No	D/T	No	D/T	12	65	60	30	25 x 2, 20 x 4	P		No
	ECD-8590	399.99	5-20 ±3	95	0.05	D	16	No	D/T	No	D/T	12	65	60	30	25 x 4	R	Yes	No
SENTREK	SCD 1500	399.95	20-20 ±0.5	94	0.05	D	0	Yes	D/T/E	Yes	D/T	17	70	70	24	25 x 4	R	Yes	Yes
SHERWOOD	XCM-6815D(C)	400.00		93	0.003	D	0	No	T	Yes	D/T	11.2	75		30	25 x 2, 7 x 4	R	Yes	No
SONY	CDX-4050	350.00	10-20 ±3		0.008	D			D/T	Yes		12	70	68	18	4 x 4		Yes	No
	CDX-5070	380.00	10-20 ±3		0.008	D			D/T	Yes		8	75	70	24	7 x 4	R	Yes	No
	CDX-5270(RO)	430.00	10-20 ±3		0.008	D			D/T	Yes		8	75	70	24	12 x 4	R	Yes	No
	CDX-5470(RI)	500.00	10-20 ±3		0.008	D			D/T	Yes		8	75	70	24	12 x 4	R	Yes	No
	CDX-U6260(RIC)	550.00	10-20 ±3		0.008	D			D/T	Yes		8	75	70	24	10 x 4	R	Yes	No
SONY EXPRESS	EXCD-50	330.00	10-20 ±3	90	0.008	D		No		Yes	No	12	70	68	18	4 x 4	R	Yes	No
	EXCD-60	350.00	10-20 ±3	90	0.008	D		No		Yes	No	8	75	70	24	6 x 4	R	Yes	No
SONY MOBILE ES	CDX-600DSP(RIC)	580.00	10-20 ±3	90	0.008	D			D/T	Yes		8	75	70	30	12 x 4	R	Yes	No
	CDX-900(RIC)	800.00	10-20 ±3	100	0.005	D			D/T	Yes		8	75	70	30		R	Yes	Yes
TOSHIBA	TX903	449.99				D		No	D/T	Yes	D/T				24	15	R	Yes	
	TX923(C)	549.99				D		No	D/T	Yes	D/T				30	15 x 2, 4 x 2	R	Yes	

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M O B I L E A U D I O

SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold in Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS										Notes
								Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeter(S) = A, Pointable Tweeter(S) = P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, Inches	Weatherproofed?			
ALPINE (Continued)	6562	120.00	360.00	150	87	4	50-22	W	5 1/4	2				F, S	2 1/8			
	6081			300	89	4	45-2		8					S				
	6223CT		90.00	45	90	4	70-21		4	2				S	1 3/4		For Toyotas.	
	6017EX		60.00	90	87	4	5k-20k							S				
	6259EU		500.00	120	89	4	50-24		6 1/2	2		Yes		P	1 3/4			
	6045GX		140.00	100	91	4	70-23		4	2		No			P	1 1/8		
	6015EX			400	94	4	21-1		15							5 3/8		
	6012EX		400.00	400	92	4	26-1.2		12							4 1/2		
	6002CX		160.00	200	90	4	24-300 Hz		12							6 1/2		
	6963HX		220.00	150	89	4	44-22		6 x 9	2		No				3 3/8		
	6010EX	120.00	120	91	4	2.5k-22k							S					
	6056HD	220.00	120	90	4	60-22		5 1/4	2		A	Yes	F, S	2 1/8				
	6066HD	240.00	120	91	4	50-22		6 1/2	2		A	Yes	F, S	2 1/8				
	6247GD	80.00	90	90	4	70-21		4	2		A	No	F, S	1 3/4				
	6257GD	90.00			4			5 1/4	2			No	F					
	6397GX	140.00	90	92	4	48-22		6 x 9	3			No	F					
	6367GX	130.00	90	91	4	55-21		6 1/2	3			No	F					
	6137AX	50.00	30	88	4	80-20		3 1/2		W			F		1 1/2			
	6147AD	60.00	30	89	4	70-20		4		W			F		1 3/8			
	6204GU	110.00	60	90	4	75-21		4 x 6	2			No	F		1 1/8			
	6210	150.00	90	90	4	50-22		4 x 10	2			No	F		2 3/8			
	6267GX	90.00	90	91	4	55-20		6 1/2	2			No	F		1 7/8			
	6297GX	110.00	90	92	4	48-21		6 x 9	2			No	F		2 3/8			
	6396GX	180.00	150	93	4	45-21		6 x 9	3			No	F		3 1/2			
	6482	260.00	150	89	4	40-20		8	2			No	F					
	6011CX	160.00	150	88	4	2k-22k				T			C		5 1/8			
	6013EX	160.00	200	89	4	22-1.2				S			F		4 3/8			
	ALTEC LANSING	ASW100	499.00		100	93		20-180 Hz ±3	S	(2)					S			Powered, enclosed subwoofer.
ALS10.1		250.00	300	91	4	35-250 Hz ±3	S	6 x 9	10				C	4 1/8	Yes			
ALS12.1		300.00	300	92	4	30-250 Hz ±3	S	12					C	4 7/8	Yes			
M400		140.00	60	90	4	90-8 ±3	W	4					F	1 3/8	Yes			
M514		170.00	100	90	4	60-8 ±3	W	5 1/4					F	1 3/8	Yes			
M615		200.00	100	91	4	55-8 ±3	W	6 1/2					F	2 1/2	Yes			
M41		50.00	50	89	4	80-8 ±3	W	4					F	1 1/8				
M50		70.00	60	90	4	60-8 ±3	W	5					F	1 1/8				
M65		100.00	80	90	4	55-8 ±3	W	6 1/2					F	2 1/4				
TW2		150.00	100	90	4	3.5k-22k ±3	T				A		F, S					
TW1		50.00	80	90	4	3.5k-20k ±3	T						S					
ALS650.1		350.00	100	↑	4	50-22 ±3		6 1/2	2		A	Yes	F, S	2 1/2	No	↑Woofer, 91 dB; tweeter, 90 dB.		
ALS525.1		325.00	100	↑	4	60-22 ±3		5 1/4	2		A/P	Yes	F, S	1 3/8	Yes	↑As above but 89 and 91 dB.		
ALS 400.1		300.00	60	90	4	80-22 ±3		4	2		A	Yes	F, S	1 3/8	No			
ALS65.1		150.00	80	90	4	55-20 ±3		6 1/2	2			Yes	F	2 1/4	No			
ALS62.1		220.00	70	91	4	60-22 ±3		6 1/2	2			No	S		Yes			
ALS52.1		200.00	60	90	4	80-22 ±3		5 1/4	2			No	S		Yes			
ALS50.1		120.00	60	90	4	60-20 ±3		5	2			Yes	F	1 3/4	No			
ALS41.1		100.00	50	↑	4	80-20 ±3		4	2			Yes	F	1 7/8	No	↑As above but 89 and 90 dB.		
ALS40.1		150.00	50	90	4	100-20 ±3		4	2			No	S		Yes			
ALS46		110.00	50	90	4	80-20 ±3		3 1/2	2			No	P	1 3/8	Yes	Fits a 4 x 6-inch hole.		
ALS6.5		150.00	80	91	4	45-20 ±3		6 1/2	2			No	F, S	2 1/4				
ALS6.9		180.00	80	93	4	35-21 ±3		6 x 9	3				C	3 3/4	Yes			
ALS5		100.00	60	91	4	60-20 ±3		5	2				S		Yes			
ALS4		70.00	40	90	4	80-20 ±3		4	2				S		Yes			
ALS693		300.00	120	93	4	50-22 ±3		6 x 9	3			No	C	3 1/2	Yes	Blamp capable.		
ALS692		260.00	120	93	4	50-22 ±3		6 x 9	2			No	C	3 1/2	Yes	As above.		
ALS35		70.00	30	88	4	90-22 ±3		3 1/2	W				F	1 1/2	Yes	4 x 6-inch adaptor plate supplied.		
ALS8	200.00	150	90		45-3 ±3		8		S			F, S	2 1/8	Yes				
55	250.00	80	85	4	95-20 ±3		4	2			Yes	S		Yes	Cabinet enclosure.			
AMERICAN BASS	MAP 10	66.00		125	92	4	21-2	S	10				F	4 1/8	No	For box enclosure.		
	MAP 12	79.00		175	92	4	22-2	S	12				F	5 1/4	No	As above.		
	MAP 15	95.00		200	93	4	24-900 Hz	S	15				F	6	No	As above.		
	Flag 10	89.00		150	90	4	39-1.2	S	10				F	4 3/8	No			
	Flag 12	99.00		200	91	4	35-1.2	S	12				F	5 1/4	No			
	Flag 15	129.00		300	92	4	30-1	S	15				F	6 1/8	No			
	Phantom 10	98.00		100	91	4	21-900 Hz	S	10				F	4 3/8	No	For bandpass or small enclosure.		
	Phantom 12	113.00		175	92	4	22-1.2	S	12				F	5 1/8	No	As above.		
	Phantom 15	129.00		250	93	4	18-900 Hz	S	15				F	6 3/8	No	As above.		
	ANNIHILATOR	A-625		40.00	100	91	4	40-2.5	W	6				F	3 1/4	No		
A-848			52.00	180	94	4	30-1.5	S	8				F	4	No			
A-1048			54.00	180	95	4	25-1.5	S	10				F	4 1/4	No			
A-1065			70.00	300	96	4	20-1.5	S	10				F	4 1/4	No			
A-12110 CAST			112.00	300	98	4	20-1.5	S	12				F	5 1/2	No			
A-1248			56.00	180	96	4	20-1.5	S	12				F	4 1/4	No			
A-1265			74.00	300	97	4	20-2.5	S	12				F	4 1/4	No			
A-15110			126.00	360	98	4	20-1.5	S	15				F	6 1/4	No			
A-1548			64.00	220	98	4	20-1.5	S	15				F	6	No			
A-1565			80.00	300	98	4	18-1.5	S	15				F	6 1/4	No			
A-18120			150.00	360	102	4	18-1.5	S	18				F	7 1/4	No			

SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold In Pairs)	DRIVERS										Notes					
				Recommended Maximum Power, Watts/Channel		Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)		Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)			Angled Tweeters (A), Pointable Tweeter (P)	Separately Mountable Drivers?	First Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, Inches	Weatherproofed?
				4	2				W	M		W	T						
ATOMIC	HPW1594	304.00		400†	96.4	4	20-1	S	15					F	6½	Yes	†Watts rms. Dual voice-coils. Two-ohm resistance. For free-air use. Free-air version, \$129.00. †4-inch plate. Dual voice-coils. As above. As above. For free-air use. As above.		
	HPW1294	266.00		400†	92.3	4	20-1.5	S	12					F	5½	Yes			
	HPW1094	241.00		400†	90.9	4	25-1.5	S	10					F	5½	Yes			
	HPW894	159.00		300†	92.4	4	30-2	W	8					F	4½	Yes			
	1570	224.00		300†	95.2	4	20-1	S	15					F	6½	Yes			
	1270	194.00		300†	92.2	4	20-1.5	S	12					F	5½	Yes			
	1070	179.00		300†	93.2	4	25-1.5	S	10					F	4¾	Yes			
	1550	169.00		250†	98.1	4	20-1	S	15					F	6½	Yes			
	1254	154.00		250†	95.7	4	20-1.5	S	12					F	5½	Yes			
	1252	154.00		250†	95.7	4	20-1.5	S	12					F	5½	Yes			
	1050	129.00		250†	95.8	4	30-1.5	S	10					F	4½	Yes			
	1054	142.00		250†	93.1	4	30-1.5	S	10					F	4½	Yes			
	0850	116.00		200†	94.6	4	40-2.5	W	8					F	4½	Yes			
	1030	109.00		150†	93.8	4	35-2	S	10					F	4½	Yes			
	0830	96.00		150†	92.9	4	45-2.5	W	8					F	3¾	Yes			
	0630	87.00		100†	99.5	4	50-3	W	6					F	3¼	Yes			
	0616	72.00		100†	93.3	4	45-3	W	6					F	3½	Yes			
	0525		122.00	60†	88.8	4	65-3	M						F	3½	Yes			
	0456		89.00	60†	94	4	100-4	M						F	2¼	Yes			
	0306		89.00	60†	95	4	1k-20k	T						F	1	Yes			
	0206		89.00	60†	95	4	1k-20k	T						F	1	Yes			
	AT 1.1		125.00	120	95	4	2k-20k	T						F	1	Yes			
	AT 1.0		119.00	100	95	4	2k-20k	T						F	1	Yes			
	6920		169.00	100†	92	4	60-18		6 x 9					F	3½	Yes			
	6930		189.00	100†	92	4	60-18		6 x 9	2				F	3½	Yes			
	0457	57.00		60†	89	4	55-8		4					F	2¼	Yes			
	0456DC		114.00	60†	89	4	60-5	M						F	2¼	Yes			
	0456CX		134.00	60†	89	4	50-15		4	2		Yes		F	2¼	Yes			
	0525DC		132.00	60†	90	4	50-7.5	M						F	2¼	Yes			
	0525CX		155.00	60†	90	4	50-15		5	2		Yes		F	2¼	Yes			
0616DC		140.00	60†	91	4	45-8	W	6					F	3½	Yes				
0616CX		170.00	60†	91	4	45-15		6	2		Yes		F	3½	Yes				
1034	121.00		150†	93.8	4	35-2	S	10					F	4¾	Yes				
0834	99.00		150†	92.9	4	45-2.5	W	8					F	3¾	Yes				
AUDAX	VE4X6F0	66.99		30	88	4	90-8	W	4 x 6					F	2	Yes	Vented pole piece. Replaceable voice-coil. Vented pole piece. Replaceable voice-coil. †Dual voice-coils, 50 watts and 4 ohms per coil. Vented pole piece. As above. As above.		
	VE6X9F0	132.99		60	92	4	45-5	W	6 x 9					F	3¾	Yes			
	PR240T0	149.95		80	97	4	90-6	W	10					F	4	No			
	PR380W2	629.95		400	101	4	48-6	W	15					F	4¾	No			
	TM010A1	22.99		25	85	4	6k-18k	T			A/P			F, S	7/8	No			
	TW025M5	60.99		85	87	4	3k-20k	T						F	¾	No			
	VE13020	97.99		50	87	4	78-6	W	5¼					F	2¼	No			
	HT17020	123.99		60	87	4	50-5.5	W	6½					F	2¾	No			
	VE101F0	57.99		30	89	4	120-12	M						F	1½	No			
	VE130F4	60.00	120.00	50	89	4	79-8	W	5¼					F	2¼	Yes			
	VE170F8	70.00	140.00	50	90	4	57-6	W	6½					F	2½	Yes			
	PR240T0	150.00	300.00	80	96	4	84-3	W	10					F	3¾	No			
	PR300T2	160.00	320.00	100	96	4	48-3	W	12					F	4¾	No			
	TW025V2	40.00	80.00	70	87	4	3.5k-20k	T						F	1¾	No			
	TW014B5	25.00	50.00	45	95	4	4.8k-20k	T						F	¾	No			
TW010P1	15.00	30.00	25	88	4	6k-20k	T						F	¾	No				
VE100A4	20.00	40.00	10	90	4	207-20	W	4					F	1¼	No				
PR300T4	170.00	340.00	†	98	†	43-3	W	12					F	4¾	No				
PR330T2	200.00	400.00	150	96	4	47-1	W	13					F	4¼	No				
PR380T2	300.00	600.00	150	98	4	48-1.5	W	15					F	4¼	No				
PR380T6	325.00	650.00	350	100	4	49-1.5	W	15					F	4¾	No				
AUDIO ART	25T		89.00	50	89	4	1.2k-22k ±3	T						F	7/8	No	Extended pole piece. As above. As above. As above. As above. As above. As above. As above. As above. As above. As above. As above. As above. As above. As above. As above. †Flush-mount woofer, surface-mount tweeter.		
	100T		119.00	50	88	4	1.2k-22k	T						F	7/8	No			
	120T		119.00	40	102	4	2.5k-22k	T			A			S	No	No			
	50MB		69.00	50	95	4	100-6	W	4					F	2½	No			
	60MB		79.00	50	95	4	70-6	W	5¼					F	2¾	No			
	62MB		99.00	60	95	4	50-6	W	6½					F	2¾	No			
	46C		75.00	30	88	4	100-22	W	3½	2				F	1¾	No			
	202	64.00		100	94	4	32-4	W	8			No		F	3½	No			
	203	79.00		150	94	4	32-4	W	8					F	3½	No			
	253	89.00		150	94	4	32-4	S	10					F	4½	No			
	255	119.00		180	95	4	32-4	S	10					F	4½	No			
	303	99.00		150	95	4	24-5	S	12					F	4¾	No			
	305	129.00		190	97	4	24-5	S	12					F	4¾	No			
	383	119.00		180	96	4	23-3	S	15					F	5½	No			
	385	149.00		200	97	4	23-3	S	15					F	5½	No			
	387	199.00		250	98	4	20-3	S	15					F	5½	No			
	501PX		229.00	80	95	4	100-22		4	2	A	Yes		†	2½	No			
	601PX		239.00	100	95	4	70-22		5¼	2	A	Yes		†	2¾	No			
621PX		279.00	100	95	4	50-22		6½	2	A	Yes		†	2¾	No				
AUDIO GODS	HB1510	169.00		400	96	†	20-1	S	15								†Dual 4-ohm voice-coils.		
	HB1280	139.00		350	96	†	20-1	S	12										
	HB1060	119.00		300	96	†	20-1	S	10										
	F-693		79.00	200	96	4	40-20		6 x 9	3				S	Yes				
	F-62		59.00	150	96	4	50-20		6	2				S	Yes				
	F-52		49.00	100	96	4	60-20		5	2				S	Yes				
	F-42		45.00	80	96	4	60-20		4	2				S	Yes				

SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold in Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS								Notes	
								Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeter(s) = A, Pointable Tweeter(s) = P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, Inches	Weatherproofed?		
AUDIOPHILE	2.5	399.95		100	90	4	70-20		5 1/4	2	A/P	Yes	†	2 3/8	Yes	†Flush-mount woofer, surface-mount tweeter.	
	2.6	449.95		150	90	4	60-20		6 1/2	2	A/P	Yes	†	3	Yes	†As above.	
	3.6	599.95		150	90	4	60-20		6 1/2	3	A	Yes	†	3	Yes	†Flush-mount woofer and midrange, surface-mount tweeter.	
	.75		199.95	50	90	4	4k-20k	T					C	3/4	Yes		
	1.1		179.95	50	90	4	3k-20k	T					S		Yes		
	4.1		149.95	50	89	4	200-6	M					F	1 7/8	No		
	5.1		179.95	75	90	4	90-4	W	5 1/4				F	2 3/8	Yes		
	6.1		199.95	80	90	4	60-3.5	W	6 1/2				F	3 3/8	Yes		
	8.1	99.95		150	88	4	40-1.2	S	8				F	3 3/8	Yes		
	8.2		109.95	150	88	†	38-1	S	8				F			†Dual 4-ohm voice-coils.	
	10.1	149.94		150	89	4	30-1	S	10				F	4 3/8	Yes		
	10.2		159.95	150	88	†	30-1	S	10				F				
12.1	179.95		200	89	4	20-1	S	12				F	5 1/8	Yes			
AUDIOSOURCE	LS One		169.95	40		4	100-20		4			No	S			Box enclosure.	
	LS Two/A		249.95	50		4	60-20		5			No	S			As above.	
	LS Six		219.95			4	100-20		4			No	S			As above.	
AUDIOTEK	GTX-6993		99.95	150	92	4	50-20 ±3		6 x 9	3	P	No	S		Yes	Box enclosure.	
	GTX-6992		89.95	120	92	4	50-22 ±3		6 x 9	2	P	No	F, S		Yes	As above.	
	GTX-6623		59.95	100	92	4	60-22 ±3		6 1/2	3	P	No	F, S		Yes	As above.	
	GTX-6622		52.95	75	92	4	60-22 ±3		6 1/2	2	P	No	F, S		Yes	As above.	
	GTX-6542		32.95	50	92	4	60-22 ±3		5 1/4	2	P	No	F, S		Yes	As above.	
	SC-1		25.00	30		4/8	120-15		5	W			F		No		
AUDIOVOX	SW-50		70.00	60		4/8	100-18		5	2		No	C		No		
	COMP-200		125.00	100		4/8	100-20		4	3		No	S		No		
	CX-2		40.00	50		4/8	70-10		5	2		No	F		No		
	CX-60		50.00	60		4/8	100-20		5	2		No	F		No		
	CX-15		50.00	60		4/8	100-18		6	2		No	F		No		
	TRY-32		60.00	60		4/8	70-18		6 x 9	3		No	F		No		
	TRY-36		50.00	60		4/8	80-18		6	3		No	F		No		
	SL-10		50.00	60		4/8	120-17		4	2		No	F		Yes		
	SL-20		75.00	100		4/8	90-18		6	2		No	F		Yes		
	SL-30		100.00	100		4/8	70-18		6 x 9	2		No	F		Yes		
	SL-40		100.00	150		4/8	70-20		6	3		No	F		Yes		
SL-50		125.00	150		4/8	40-20		6 x 9	3		No	F		Yes			
AVALANCHE	SX-4201		59.00	100	92	4	45-22		4	2	A	No	S		No		
	SX-6531		79.00	150	96	4	40-22		6 1/2	3	A	No	S		No		
	SX-6931		99.00	220	96	4	30-22		6 x 9	3	A	No	S		No		
	M-5000		49.00	140	91	4/8	560-1	M					F, S		No		
	T-2000		39.00	100	94	4/8	3k-23k	T					F, S		No		
	T-2100		45.00	120	94	4/8	4k-25k	T			A		F, S		No		
	T-1139		16.00	50	96	4/8	4k-40k	T			A		S		No		
	T-1078		19.00	50	96	4/8	5k-50k	T			A		S		No		
	T-1177		49.00	100	99	4/8	3.5k-20k	T			A		S		No		
	BLACK MAX	UES-800	90.00	180.00	250	95	4/8	30-3.5	W	8				F	4 1/4		For sealed enclosure.
		UES-600	65.00	130.00	180	95	4/8	45-4.0	W	6 1/2				F	3		As above.
UES-1000		125.00	250.00	300	96	4/8	28-3.5	W	10				F	4		As above.	
UES-1200		150.00	300.00	400	98	4/8	25-3.5	W	12				F	5 1/4		As above.	
UES-1500		180.00	360.00	450	99	4/8	28-3.5	W	15				F	6 1/2		As above.	
UES-1800		225.00	450.00	450	99	4/8	23-3.5	W	18				F	7		As above.	
BLAUPUNKT	RL6937		139.95	170	95	4	29-25		6 x 9	3		No	F	3 1/8	No		
	RL6922		119.95	120	94	4	34-25		6 x 9	2		No	F	3 1/8	No		
	RL6529		99.95	90	93	4	39-25		6 1/2	2		No	F	2 1/8	No		
	RL6526		89.95	60	92	4	40-25		6 1/2	2		No	F	1 3/4	No	Replacement.	
	RL5429		89.95	90	92	4	44-25		5 1/4	2		No	F	2 1/8	No		
	RL5420P		149.95	100	92	4	45-24		5 1/4	2	P	No	P	1 1/4	No		
	RL4627		89.95	70	92	4	49-25		4 x 6	2		No	F	2 1/8	No		
	RL4027		79.95	70	92	4	49-25		4	2		No	F	2	No		
	RL3524		39.95	40	90	4	90-25		3 1/2	2		No	F	1 3/8	No		
	RL4500B		159.95	100	89	4	49-25		4 1/2	2		No	S		No		
	VPC65		169.95	210	90	4	40-25			2	P	Yes	F	2 3/8	No	Two midranges, tweeters, and crossovers.	
	VPC60		159.95	180	95	4	45-25			2	P	Yes	F	2 1/4	No	As above.	
	VPC54		149.95	150	95	4	50-25			2	P	Yes	F	2 3/8	No	As above.	
	VPC40		139.95	120	93	4	60-25			2	P	Yes	F	1 7/8	No	As above.	
	PC8	79.95		240	93	4	29-2.5	S	8				F	4	No		
	VPC8D	89.95		320	92		29-2.5	S	8				F	4 1/2	No	Dual voice-coils.	
	PC10	99.95		280	95		27-2.6	S	10				F	4 3/8	No		
	VPC10D	109.95		360	94		27-2.6	S	10				F	5 3/8	No	As above.	
	PC12	119.95		320	96		22-2.7	S	12				F	5 1/2	No		
	VPC12D	129.95		400	96		22-2.7	S	12				F	6	No	As above.	
PC15	149.95		360	97		20-2.7	S	15				F	6 3/4	No			
VPC15D	159.95		440	96		20-2.7	S	15				F	7 1/4	No	As above.		

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SPEAKERS

MANUFACTURER	Model	Price \$ (If Sold Individually)	Price \$ (If Sold In Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS							Weatherproofed?	Notes
								Subwoofer Only (S), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeter(s) = A, Pointable Tweeter(s) = P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, Inches		
BLUES	BNT 1	124.95	75	93	4	3k-27k	T						S		Includes crossovers. As above. †Dual 4-ohm voice-coils. Eight-ohm version available, for infinite baffle. As above. Eight-ohm version available. As above. Midrange and tweeter. As above.	
	BDT 1	74.95	60	94	4	5k-27k	T						S	5/8		
	BDT 25	74.95	75	93	4	3k-25k	T						F	1 1/4		
	BL 3.5	87.95	30	85	4	150-8	M						F	1 1/2		
	BL 4	99.95	50	90	4	90-6	M						F	2 1/4		
	BLT 84	124.95	150	91	†	42-4	S						F	3 3/8		
	BLT 104	149.95	175	92	†	38-3	S	8					F	4 3/8		
	BLT 124	174.95	225	93	†	34-2.5	S	12					F	5		
	BLT 154	212.95	250	95	†	29-2	S	15					F	6		
	BLN 84	99.95	150	93	4	40-4	S	8					F	3 3/8		
	BLN 104	124.95	175	94	4	33-3	S	10					F	4 3/8		
	BLN 124	149.95	200	95	4	32-2.5	S	12					F	5		
	BLN 154	187.95	225	97	4	24-2	S	15					F	6		
	BLN 5.25		118.95	50	89	4	50-4	M						F		2 3/8
	BL 6.5	74.95	100	91	4	45-4	W	6 1/2						F		2 1/8
	BL 8	82.95	100	90	4	35-4	W	8						F		3 3/8
	BL 10	124.95	150	92	4	30-3	S	10						F		4 3/8
	BL 12	149.95	150	92	4	27-2.5	S	12						F		5
	BL 15	187.95	150	94	4	25-2	S	15						F		6
	BLC 5420	112.95	40	91	4	44-26		5 1/4	2		No			F		2 1/8
BLC 6520	124.95	50	92	4	38-27		6 1/2	2		No			F	2 1/8		
BLC 6920	174.95	60	92.5	4	33-27		6 x 9	2		No			F	3 3/8		
BLC 6930	199.95	80	92.5	4	30-27		6 x 9	3		No			F	3 3/8		
BWT 5.25	224.95	75	91	4	55-27				A				F	2 1/8		
BWT 6.5	249.95	75	93	4	45-27			2	A				F	2 1/2		
BOSE	121 Mobile Monitor	249.00	100	89	4			6 x 9					S		Yes	
BOSS AUDIO SYSTEMS	AVA-6924	189.00	175	94	4	40-20 ±3		6 x 9	2	A	Yes		F		Box enclosure. As above. For marine use. As above.	
	AVA-6935	179.00	175	94	4	40-20 ±3		6 x 9	3	P	No		F			
	AVA-6933	129.00	125	94	4	40-20 ±3		6 x 9	3	P	No		F			
	AVA-6930	99.00	100	94	4	50-20 ±3		6 x 9	3	P	No		F			
	AVA-6920	89.00	100	94	4	40-20 ±3		6 x 9	2	P	No		F			
	AVA-6910	39.95	75	92	4	80-18 ±3		6 x 9	3	P	No		F			
	AVA-6533	79.00	100	93.5	4	100-18 ±3		6 1/2	3	P	No		F			
	AVA-6530	69.00	70	93.5	4	100-18 ±3		6 1/2	3	P	No		F			
	AVA-6520	39.95	60	93	4	100-18 ±3		6 1/2	2	P	No		F			
	AVA-6500	29.95	50	93	4	100-18 ±3		6 1/2	W				F			
	AVA-4200	49.00	40	93	4	110-18 ±3		4	2	P	No		F			
	AVA-4100	27.95	30	93	4	110-18 ±3		4	W				F			
	AVA-3200	29.95	30	93	4	120-18 ±3		3 1/2	2	P	No		F			
	AVA-3100	19.95	25	93	4	120-15 ±3		3 1/2	W				F			
	AVA-6350	99.00	75	94	4	40-20 ±3		6 1/2	3	A	No		S			
	AVA-6300	89.00	50	93.5	4	100-20 ±3		3 1/2	2	P	No		S			
	AVA-4130	89.00	100	94	4	80-20 ±3		6 x 9	3	P	No		S			
	AVA-4630	59.00	50	94	4	100-18 ±3		4 x 6	3	P	No		F			
	AVA-MR6	59.00	75	94	4	100-18 ±3		6 1/2	2	P	No		F			
	AVA-MR5	39.00	50	94	4	100-18 ±3		5 1/4	W				F			
	TW-12	19.95	40	94	4	10k-20k ±3	T						C			
	TW-10	22.95	40	94	4	10k-20k ±3	T						F			
	TW-15	29.95	50	94	4	10k-20k ±3	T						C			
	TW-17	35.00	60	94	4	5k-20k ±3	T						S			
	TW-20	39.00	60	94	4	1.5k-20k ±3	T						F			
	M-4	35.00	40	94	4	500-10 ±3	M						F			
	M-5	49.00	60	94	4	500-10 ±3	M						F			
	AVA-W5	29.95	70	93	4	60-5 ±3	W	5 1/4					F			
US-W630	69.00	100	94	4	35-3 ±3	W	6 1/2					F				
US-W850	89.00	125	94	4	39-2 ±3	W	8					F				
US-W1070	95.00	150	94	4	60-3.5 ±3	W	10					F				
US-W1270	119.00	175	94	4	50-3.5 ±3	W	12					F				
AVA-8	59.00	100	94	4	30-5 ±3	W	8					F				
AVA-10	85.00	125	94	4	24-5 ±3	W	10					F				
AVA-12	99.00	150	94	4	24-5 ±3	W	12					F				
AVA-15	119.00	200	94	4	22-3.5 ±3	W	15					F				
AVA-AN8	199.00	125	94	4	35-20 ±3		8	2	A	No		S				
AVA-AN10	249.00	150	94	4	30-20 ±3		10	2	A	No		S				
AVA-AN12	299.00	175	94	4	25-20 ±3		12	2	A	No		S				
AVA-AN15	359.00	200	94	4	20-20 ±3		15	2	A	No		S				
AVA-BP8	199.00	100	94	4		S	8					S				
AVA-BP10	299.00	150	94	4		S	10					S				
AVA-BP12	329.00	200	94	4		S	12					S				
BOSTON ACOUSTICS	ProSeries 12.4LF	325.00	700	95	4	20-1 ±3	S	12						5	Yes	
	ProSeries 10.8LF	210.00	500	92	8	20-1 ±3	S	10						4 1/4	Yes	
	ProSeries 8.4LF	190.00	400	91	4	20-1 ±3	S	8						3 3/8	Yes	
	ProSeries 6.4LF		200.00	170	89	4	50-4 ±3	W	6 1/2		A/P	Yes	C	2 1/2	Yes	
	ProSeries 6.4 System	430.00	170	89	4	50-22 ±3		6 1/2	2					2 1/2	Yes	

(Continued)

Design Excellence



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SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold in Pairs)	Recommended Maximum Power			Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS							Weatherproofed?	Notes
				Watts/Channel	Watts/Channel	Watts/Channel				Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeter(s) = A, Pointable Tweeter(s) = P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, Inches		
BOSTON ACOUSTICS (Continued)	ProSeries 4.4 System	380.00	80	89	4	85-22 ±3			4	2	A/P	Yes	C	1 5/8	Yes			
	ProSeries Neo 4t Rally	260.00 269.00	120	87	4	4k-22k ±3	T		6 1/2	2	A/P	Yes	C	2 3/8	Yes	Includes crossover.		
	RC61 System Rally	249.00	100	87	4	58-20 ±3			5 1/4	2	A/P	Yes	C	2	Yes			
	RC51 System Rally	229.00	80	87	4	85-20 ±3			4	2	A/P	Yes	C	1 3/4	Yes			
	RC41 System	179.95	200	92	4	35-120 Hz ±3	S		10				F	3 7/8	Yes			
	710LF	149.95	200	91	4	40-120 Hz ±3	S		8				F	3 3/8	Yes			
	780LF Series II	199.95	100	87	4	58-20 ±3			5 1/4	2		No	P	1 1/2	Yes			
	C700 Series II	129.00	40	87	4	85-20 ±3			4	2		No	P	1 3/4	Yes	4 x 6-inch plate.		
	746	109.95	20	90	4	100-20 ±3			3	2		No	P	1 1/2	Yes	Fits American and European cars.		
	727	199.95	80	89	4	36-20 ±4			6 x 9	3		No	F	2 7/8	Yes			
	797	149.95	50	89	4	60-20 ±4			6 1/2	2		No	F	2 1/2	Yes			
	767	129.95	50	89	4	58-20 ±4			5 1/4	2		No	F	1 3/4	Yes			
	757	139.00	120	89	4	40-20 ±4			6 x 9	3		No	C	3	Yes			
	CX9 ³	119.00	120	89	4	40-20 ±4			6 x 9	2		No	C	3	Yes			
	CX9 ²	99.00	120	89	4	42-20 ±4			5 x 7	2		No	C	2 1/8	Yes	Fits 5 x 7 and 6 x 8-inch holes.		
	CX8	99.00	100	89	4	58-20 ±4			6 1/2	2		No	C	2 1/8	Yes			
	CX6	89.00	60	89	4	60-20 ±4			5 1/4	2		No	C	2 1/8	Yes			
	CX5	69.00	50	89	4	70-20 ±4			4 x 6	2		No	C	1 3/4	Yes			
	CX7 ^e	69.00	50	89	4	70-20 ±4			4 x 6	2		No	C	2	Yes	Fits European cars.		
	CX4	69.00	40	89	4	90-20 ±4			4	2		No	C	2	Yes			
CX4 ^e	69.00	40	89	4	90-20 ±4			4	2		No	C	2	Yes				
703	49.95	15	90	4	100-12 ±3			3 1/2	2	W			F	1 1/2	Yes	As above.		
BOSTWICK	CX350	89.95	50	88.6	4	100-20 ±3			3 1/2	2		No	F	1 1/2	Yes			
	CX400	99.95	80	88.9	4	80-20 ±3			4	2		No	F	1 3/8	Yes			
	CX460	119.95	80	88.5	4	70-20 ±3			4 x 6	2		No	F	1 3/4	Yes			
	CX525	119.95	100	90.3	4	60-20 ±3			5 1/4	2		No	F	2 1/2	Yes			
	CX650	129.95	120	91.7	4	50-20 ±3			6 1/2	2		No	F	2 1/8	Yes			
	CX690	179.95	180	93.4	4	30-21 ±3			6 x 9	2		No	F	3	Yes			
	M404	49.50	180	90.4	4	70-8 ±3	M						F	1 5/8	Yes			
	M5254	69.50	180	90.9	4	55-6.5 ±3	W		5 1/4				F	2 1/2	Yes			
	M654	79.50	180	91.6	4	35-6 ±3	W		6 1/2				F	2 3/4	Yes			
	SYS400	289.95	150	92.4	4	80-20 ±3	W		4	2	A	Yes	C	1 5/8	Yes			
	SYS525	309.95	180	92.8	4	55-20 ±3			5 1/4	2	A	Yes	C	2 1/2	Yes			
	SYS650	339.95	180	93.1	4	42-20 ±3			6 1/2	2	A	Yes	C	2 3/4	Yes			
	HFT-1	159.95	120	91.2	4	1.8k-22k ±3	T						C		Yes			
	SD04	59.95	100	90.3	4	2.1k-20k ±3	T						F		Yes			
	SD14	54.95	100	90.1	4	3.2k-20k ±3	T						F		Yes			
	HD14	39.95	75	89.2	4	4.5k-20k ±3	T						F		Yes			
	HD24	39.95	75	89.2	4	4.5k-20k ±3	T						F		Yes			
	354	38.50	120	89.4	4	90-8 ±3	M						F	1 1/4	No			
	404	43.50	150	90.1	4	70-7 ±3	M						F	1 3/8	No			
	5254	59.50	150	90.7	4	55-6.5 ±3	W		5 1/4				F	2 1/4	No			
	654/658	69.50	200	90.2	4/8	30-6.2 ±3	W		6 1/2				F	2 1/8	No			
	824/828	79.50	200	90.1	4/8	28-1 ±3	S		8				F		No			
	844/848	99.50	250	91.4	4/8	29-1 ±3	S		8				F		No			
	1024/1028	79.50	200	91.7	4/8	28-1 ±3	S		10				F		No			
1044/1048	109.50	250	92.4	4/8	27-1 ±3	S		10				F		No				
1224/1228	119.50	200	91.2	4/8	25-1 ±3	S						F		No				
1244/1248	129.50	250	92.6	4/8	24-1 ±3	S						F		No				
1544/1548	149.50	250	93.1	4/8	22-1 ±3	S						F		No				
1564/1568	194.50	400	94.1	4/8	20-1 ±3	S						F		No				
CADENCE	CW10-504-4	99.00	250	92	4	25-3	S		10						Yes	Eight-ohm version available.		
	CW12-504-4	129.00	250	94	4	21-2	S		12						Yes	As above.		
	CW15-504-4	149.00	300	97	4	16-1.2	S		15						Yes	As above.		
	CW8-404-4	89.00	200	90	4	33-2.5	S		8						Yes	As above.		
	CW12-502-4	149.00	250	94	↑	25-2	S		12						Yes	†Dual 4-ohm voice-coils.		
	CW10-502-4	119.00	250	90	↑	20-2	S		10						Yes			
	CW8-401-4	79.00	150	92	4	43-5	S		8						Yes	For sealed enclosure.		
	CW10-401-4	89.00	200	95	4	30-4	S		10						Yes	As above.		
	CW12-401-4	99.00	250	95	4	30-3	S		12						Yes	As above; 8-ohm version available.		
	CW15-401-4	119.00	300	95	4	20-3	S		15						Yes	For sealed enclosure.		
	CWOA8-4	99.00	100	95	4	40-2	S		8						Yes	For free-air use.		
	CWOA10-4	119.00	150	95	4	30-1	S		10						Yes	As above.		
	CWOA12-4	139.00	200	95	4	27-4	S		12						Yes	As above.		
	CWOA15-4	159.00	250	96	4	21-2	S		15						Yes	As above.		
	CW12-100-4	179.00	250	96	4	27-2	S		12						Yes			
	CW15-100-4	189.00	300	98	4	21-2	S		15						Yes			
	CW18-701-4	229.00	300	98	4	15-2	S		18						Yes			
	CW18-951-4	249.00	400	99	4	16-2	S		18						Yes			
	CW10S-4	179.00	250	89	4	25-100 Hz	S		10						Yes	For enclosure.		
	CW12S-4	199.00	300	90	4	20-100 Hz	S		12						Yes	As above.		
	CW15S-4	229.00	300	91	4	20-100 Hz	S		15						Yes	As above.		
	CW6-401-4	89.00	100	90	4	35-2	S		6						Yes	For vented enclosure; 8-ohm version available.		

Design Reference

Always at the cutting edge of technology and innovative design, Coustic's team of audiophiles/engineers is again setting a milestone with the debut of our new premiere **Design Reference™** series, creatively engineered and handcrafted in the U.S.A.



DA-55 Digital to Analog Processor

Coustic's DA-55, an advanced Digital to Analog Processor, created especially for the car audio environment to provide the highest quality performance in digital sound reproduction. Now, car audio enthusiasts can really hear what they've been missing.



DM-2 Balanced Line Driver

Coustic's exclusive Balanced-Differential Interface™ (BDI) technology, a balanced/differential signal interface circuitry, is incorporated in our DM-2 Balanced Line Driver and all Design Reference™ electronic products to provide maximum musical fidelity with minimum noise interference.



DX-28 Electronic Crossover

DX-28 Mobile Electronic Crossover features a class "A", all discrete, Optimized Transient Response (OTR) balanced input and *true* balanced output circuitry. The very first product that is capable of driving the DR amplifiers in true balanced mode.

Once confined exclusively to high end home and studio components, DR amplifiers make available an all discrete, class "A", Optimized Transient Response, balanced input circuitry for the first time in the automobile. This circuit is ideal for the noisy environment because of its high noise rejection and low transient distortion characteristics.

The high-quality construction of these DR amplifiers allows them to drive systems accurately and with sufficient headroom to meet the critical demands of contemporary recordings. All components used are carefully selected to ensure quality, reliability and performance.



AMP-505DR Power Amplifier

Solid Core Acoustic Technology (SCAT) internal wiring reduces the "skin" and "modulation" effects caused by the interactions of multi-stranded wire, thus minimizing sonic degradation. SCAT exhibits superior phase coherency and sonic accuracy resulting in superb musical clarity with tremendous bass.



BassPump™ Subwoofer System

Representing a major breakthrough in advanced subwoofer system design, Coustic's BassPump™ subwoofer systems are engineered with our exclusive Critical Pressure Loading (CPL) technique to produce exceptional bass performance in a "free air" environment.

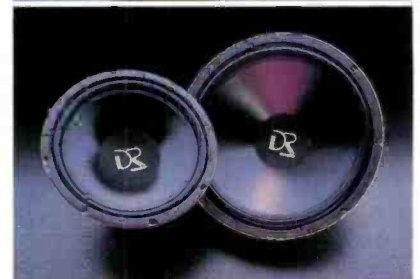
Creatively designed for maximum flexibility and versatility, our DR tweeters can be surface mounted or flush mounted with either a snap-on housing or a special mounting plate.



DR-300/DR-301 Neodymium Tweeters

Sophisticated computer modeling and simulation techniques were employed to develop our innovative series of high fidelity speaker systems.

Combining the latest technology and materials available, unique features were created enabling the DR speakers to produce crisp but warm high frequency response, sumptuous mid-bass, tight and distortion-free low bass, superb power handling and precise stereo imaging.



6.5", 8", 10", 12" and 15" Woofers

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SPEAKERS

MANUFACTURER	Model	Price \$ (If Sold Individually)	Price \$ (If Sold In Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS										Notes	
								Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeter(s) = A, Pointable Tweeter(s) = P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, Inches	Weatherproofed?				
CADENCE (Continued)	CW8-501-4	99.00		150	93	4	41-3.5	S	8									Yes	For vented enclosure. Tweeter protection circuit. As above. As above. As above. As above. As above. Bandpass enclosure with window. Supertweeter.
	CW10-701-4	129.00		250	101	4	35-2.5	S	10									Yes	
	CW12-701-4P	149.00		250	99	4	36-3	S	12									Yes	
	CW15-701-4P	179.00		250	99	4	29-3	S	15									Yes	
	CW12-951-4	199.00		300	97	4	29-2.5	S	12									Yes	
	CW15-951-4	229.00		300	97	4	29-3	S	15									Yes	
	CW1-10-4	179.00		200	90	4	19-1	S	10									Yes	
	CW1-12-4	199.00		250	90	4	25-1	S	12									Yes	
	CSC691		199.00	75	95	4	35-20		6 x 9	3		No	F	3 1/8				Yes	
	CSC651		179.00	60	92	4	60-20		6 1/2	3		No	F	2 3/4				Yes	
	CSC551		159.00	40	92	4	100-20		5 1/2	2		No	F	2				Yes	
	CSC441		149.00	40	92	4	100-20		4	2		No	F	2				Yes	
	CSC461		159.00	40	91	4	90-20		4 x 6	2		No	F	1 1/2				Yes	
	CSC351		129.00	25	92	4	100-20		3 1/2	2		No	F	1 3/8				Yes	
	SP10.4		249.00	100	94	4	40-90 Hz	S	10									Yes	
	CT30		49.00	40	90	4	2k-20k	T			A		F, S					Yes	
	CT10		79.00	75	92	4	3k-20k	T					F, S					Yes	
CT70		69.00	80	97	4	5k-20k	T			A		F, S					Yes		
CANTON	RS-1	329.00		80		4	46-30 ±6		5 1/4	2	A/P	Yes	F	2 3/8				Yes	
	RS-2	398.00		100		4	38-30 ±6		6 1/2	2	A/P	Yes	F	2 3/8				Yes	
	RS-4	498.00		120		4	35-30 ±6		8	2	A/F	Yes	F	3				Yes	
	RS-5	698.00		140		4	35-30 ±6		8	3	A/P	Yes	F	3				Yes	
	RS-6	998.00		150		4	33-30 ±6		10	3	A/F	Yes	F	3 3/8				Yes	
	RS-280 SUB		249.00	150		4	33-250 Hz ±6	S	10				F	3 3/8				Yes	
	RS-200 CX		289.00	100		4	38-30 ±6		6 1/2	2		No	F	2 3/8				Yes	
	AM-VW Golf II		349.00	80		4	48-30 ±6		5 1/4	2		Yes	F	2 3/8				No	
	AM-BMW 5/7		329.00	80		4	48-30 ±6		5 1/4	2		Yes	F	2 3/8				No	
	AM-VW Golf III		398.00	100		4	40-30 ±6		6 1/2	2		Yes	F	2 3/8				No	
	AM-1325 RS		329.00	80		4	48-30 ±6		5 1/4	2		Yes	F	2 3/8				No	
	AM-1625 RS		398.00	100		4	40-30 ±6		6 1/2	2		Yes	F	2 3/8				No	
	AM-130 CX		249.00	80		4	48-20 ±6		5 1/4	2		No	F	2 3/8				No	
	AM-165 CX		289.00	100		4	40-20 ±6		6 1/2	2		No	F	2 3/8				No	
	AMT-25		229.00	100		4	3k-30k	T			A/P		C					Yes	
	AMW-130		149.00	80		4	48-3	M					F	2 3/8				No	
	AMW-165		198.00	100		4	40-3	W					F	2 3/8				No	
	MFT-25		98.00	100		4	3k-30k	T			A/P		C					Yes	
	MFM-13.10		79.00	80		4	400-3.5	M					C					Yes	
	MFW-15.13		89.00	80		4	46-3	W	5 1/4				F	2				Yes	
MFW-18.16		98.00	100		4	38-3	W	6 1/2				F	2 3/8				Yes		
MFW-22.20		149.00	120		4	35-3	W	8				F	3				Yes		
HC-100			60		4	48-30 ±6		4 1/2	2		No	S					No		
Pullman		600.00	80		4	45-30 ±6		4 1/2	3		No	S					No		
CELESTION	AD-18H	599.00		1.5k	95	4	30-500 Hz ±3	S	18				C	8 1/4				Yes	
	AD-15H	499.00		1.2k	96	4	30-500 Hz ±3	S	15				C	6 3/4				Yes	
	AD-15	339.00		600	97	4	30-500 Hz ±3	S	15				C	6 3/4				Yes	
	AD-12	279.00		600	95	4	30-500 Hz ±3	S	12				C	5 3/4				Yes	
	AD-12L	229.00		500	93	4	30-500 Hz ±3	S	12				C	5 3/4				Yes	
	AP-15	189.00		400		4	30-1 ±3	S	15				C	6				Yes	
	AP-12	159.00		400		4	40-1 ±3	S	12				C	5				Yes	
	AP-10	139.00		400		4	50-1 ±3	S	10				C	4 1/8				Yes	
AP-8	99.00		200		4	50-3 ±3	S	8				C	3 3/4				Yes		
CERWIN-VEGA	XL-8S	119.00		150	92	4	30-800 Hz	S	8				F	3 1/8				Yes	
	XL-10S	139.00		250	94	4	30-800 Hz	S	10				F	3 3/8				Yes	
	XL-12S	149.00		250	96	4	20-500 Hz	S	12				F	4 3/8				Yes	
	XL-15S	199.00		300	98	4	20-400 Hz	S	15				F	5 3/8				Yes	
	XL-18S	399.00		400	100	4	18-250 Hz	S	18				F	6 3/4				Yes	
	S-8 Free Air	100.00		150	92	8	30-800 Hz	S	8				F	3 3/8				Yes	
	S-10 Free Air	110.00		250	94	8	30-800 Hz	S	10				F	3 3/8				Yes	
	S-12 Free Air	120.00		250	98	8	20-500 Hz	S	12				F	4 3/8				Yes	
	S-15 Free Air	150.00		300	101	8	20-400 Hz	S	15				F	14				Yes	
	SS-5.2		210.00	100	89	4	78-20		5	2			F, S	2 1/4				Yes	
	SS-6.2		230.00	100	90	4	60-20		6	2			F, S	2 1/8				Yes	
	AI-8.0		180.00	400	88	4	35-2.5	S	8				F					Yes	
	AI-10.0		225.00	500	86	4	28-500 Hz	S	10				F					Yes	
	AI-12.0		300.00	500		4	25-500 Hz	S	12				F					Yes	
	AI-42		110.00	90	87	4	100-20		4	2			F	1 3/4				Yes	
	AI-52		125.00	90	87	4	60-20		5	2			F	2 1/8				Yes	
	AI-62		145.00	120	87	4	55-20		6	2			F	2 1/4				Yes	
	AI-4.0		125.00	100	87	4	67-7.3	M					F	2 3/8				Yes	
	AI-5.0		160.00	120	88	4	55-12	M					F	2 1/2				Yes	
	AI-6.0		170.00	150	87	4	50-8	M					F	2 1/8				Yes	
AI-1.0		170.00	100	91	4	1.5k-20k	T			A		F, S					Yes		
Stroker 12		750.00	1k	95	4	55-200 Hz	S	12				F	4 3/4				Yes		
Stroker 15		800.00	1k	95	4	40-200 Hz	S	15				F	7 1/8				Yes		
Stroker 18		850.00	1k	96	4	35-200 Hz	S	18				F	8 3/4				Yes		
CLARION	SEP5300		25.00	45	89	4	100-20		3 1/2	W			F	1 1/2				Yes	
	SEP5301		40.00	45	89	4	100-20		3 1/2	2		No	F	1 1/2				Yes	
	SEP5403		50.00	45	90	4	90-20		4 x 6	2		No	F	1 3/4				Yes	
	SEP5402		90.00	120	92	4	40-22		4 x 10	2		No	F	2 1/2				Yes	
	SE6275		75.00	100	92	4	40-21		6 1/2	2		No	F	2 1/8				Yes	

SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold In Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS										Notes
								Subwoofer Only (S), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeter(s) = A, Pointable Tweeter(s) = P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, Inches	Weatherproofed?			
CLARION (Continued)	SE7360		100.00	120	91	4	40-22	6 x 8	2		No	F	2 1/8	Yes	For marine use.			
	SE1400		40.00	45	90	4	60-18	4	W		F	1 3/4	Yes					
	SE2401		60.00	60	90	4	80-21	4	W	No	F	1 1/8	Yes					
	SE1501		40.00	60	90	4	60-20	5	W		F	1 1/8	Yes					
	SE2500		70.00	60	90	4	60-22	5 1/4	2	No	F	1 1/8	Yes					
	SE1600		55.00	60	90	4	60-20	6 1/2	W		F	1 3/4	Yes					
	SE2601		120.00	140	91	4	35-23	6 1/2	2	No	F	2 5/8	Yes					
	SE2600		70.00	100	90	4	60-21	6 1/2	2	No	F	1 3/4	Yes					
	SE3601		140.00	160	91	4	35-25	6 1/2	3	No	F	2 3/8	Yes					
	SEB670		100.00	100	90	4	40-23	6 1/2	2	No	F	1 3/4	Yes					
	SE2900		80.00	100	91	4	30-21	6 x 9	2	No	F	2 1/2	Yes					
	SE3900		110.00	140	92	4	30-23	6 x 9	3	No	F	2 1/2	Yes					
	SE2901		150.00	140	92	4	28-23	6 x 9	2	No	F	2 1/2	Yes					
	SE3901		180.00	160	92	4	28-25	6 x 9	3	No	F	2 1/2	Yes					
	SET170		99.95	120	90	4	2k-25k				F							
	SET160		129.95	200	90	4	2k-25k				F							
SEM470		89.95	150	90	4	100-12				C			Yes					
SEM570		80.00	150	89	4	50-6				M	2		Yes					
SEW5601		99.95	150	90	4	40-6	6 1/2			W	2 3/4		Yes					
SEW5806	69.95	300	92	4	30-3		8			W	4		Yes					
SEW5106	79.95	375	93	4	25-3		10			W	4 7/8		Yes					
SEW5126	109.95	450	95	4	20-3		12			W	5 1/4		Yes					
CLIF DESIGNS	CDS-1		149.00	50	88	4	5k-20k ±3	T		W		C	1/2	No	Version available with dual 4-ohm voice-coils. As above.			
	CDS-2		199.00	150	90	4	4k-20k ±3	T		W		C	1/2	No				
	CCD-4		139.00	150	80	4	70-6 ±3	M		P		F	2 1/4	No				
	CCD-5		159.00	150	90	4	65-5 ±3	M				F	2 3/8	No				
	CCD-6		179.00	160	92	4	55-5 ±3	M				F	2 3/4	No				
	CDS-41		299.00	100	88	4	70-20 ±3		4	2	P	Yes	F	1 3/4		No		
	CDS-51		359.00	150	90	4	65-20 ±3		5	2	P	Yes	F	2 3/8		No		
	CDS-61		399.00	160	92	4	55-20 ±3		6 1/2	2	P	Yes	F	2 3/4		No		
	CDS-409		299.00	100	88	4	75-20 ±3		4	2	P	No	P	1 3/4		No		
	CDS-509		359.00	150	90	4	65-20 ±3		5	2	P	No	F	2 3/8		No		
	CDS-609		399.00	160	92	4	55-20 ±3		6 1/2	2	P	No	F	2 3/4		No		
	CDX-4		139.00	60	84	4	100-20 ±3		4	2		No	F	2		No		
	CDX-46		139.00	60	84	4	100-20 ±3		4 x 6	2		No	P	2 1/8		No		
	CDX-5		169.00	100	86	4	100-20 ±3		5	2		No	F	2 1/8		No		
	CDX-6		199.00	120	88	4	80-20 ±3		6	2		No	F	2 3/8		No		
	CDX-69		219.00	150	90	4	70-20 ±3		6 x 9	2		No	F	3 1/8		No		
	CAL-4		239.00	60	88	4	100-20 ±3		4	2	P	Yes	C	2		No		
	CAL-5		269.00	100	89	4	90-20 ±3		5	2	P	Yes	C	2 1/4		No		
CAL-6		299.00	120	90	4	60-20 ±3		6	2	P	Yes	C	2 3/8	No				
SVC-8	99.00	100	89	4	33-600 Hz ±3	S	8				F	3 1/2	No					
SVC-10	119.00	150	89	4	22-400 Hz ±3	S	10				F	4 1/4	No					
SVC-12	139.00	200	90	4	26-250 Hz ±3	S	12				F	5	No					
COLLINS	S6	149.95	150	90	4	35-1.5	S	6 1/2				S		No	Tube enclosure. As above. As above; powered; includes crossover. As above. Powered; cube enclosure; includes crossover. As above. Wedge enclosure; for mini trucks and sports cars. As above. As above; powered; includes crossover. As above. Vented enclosure. As above. As above. As above; powered; includes crossover. As above. As above. Includes crossover.			
	S8	199.95	200	92	4	30-1.5	S	8				S		No				
	S6A	229.95	100	91	2	35-150 Hz	S	6 1/2				S		No				
	S8A	249.95	100	92	2	30-150 Hz	S	8				S		No				
	C6A	279.95	100	92	2	30-150 Hz	S	6 1/2				S		No				
	C8A	329.95	100	93	2	25-150 Hz	S	8				S		No				
	C10A	399.95	100	94.5	2	25-150 Hz	S	10				S		No				
	C12A	429.95	100	96	2	25-150 Hz	S	12				S		No				
	W6	249.95	150	92	4	30-1.5	S	6 1/2				S		No				
	W8	299.95	200	93	4	25-1.5	S	8				S		No				
	W6A	299.95	100	93	2	30-150 Hz	S	6 1/2				S		No				
	W8A	369.95	100	94	2	30-150 Hz	S	8				S		No				
	B6	269.95	150	89	4	25-1.5	S	6 1/2				S		No				
	B8	329.95	250	91	4	20-1.5	S	8				S		No				
	B10	449.95	350	93.5	4	20-1.5	S	10				S		No				
	B6AL	329.95	100	90	2	30-150 Hz	S	6 1/2				S		No				
B8AL	399.95	100	92	2	25-150 Hz	S	8				S		No					
B10AL	529.95	100	93	2	25-150 Hz	S	10				S		No					
CWT30		69.95	30	91	4	4k-21k	T			A/P		S		No				
HT-615	215.00	400	95	4	25-1 ±3	S	15					F	6 7/8	Yes				
COUSTIC	HT-623v		125.00	90	4	110-20 ±3	S	4 x 6	2		No	P	3 1/2	Yes	Midrange and tweeter plate.			
	HT-612v		99.00	93	4	25-2 ±3	S	12				F	5 7/8	Yes				
	HT-610v		69.00	200	91	4	35-2.5 ±3	S	10			F	4 1/2	Yes				
	HT-608v		49.00	170	90	4	50-2.5 ±3	S	8			F	3 3/4	Yes				
	HT-607v		140	88	4	80-3.5 ±3	W	6 1/2				F	3	Yes				
(Continued)	HT-606v		85.00	100	89	4	70-10 ±3	W	6 1/2			F	2 3/4	Yes				

SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold in Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS										Notes
								Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeter(s) = A, Pointable Tweeter(s) = P	Separately Mountable Drivers? = P	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, Inches	Weatherproofed?			
COUSTIC (Continued)	HT-605v		69.00	100	89	4	80-12 ±3	W	5 1/4					F	2 1/2	Yes		
	HT-604v		59.00	70	88	4	100-18 ±3	M						F	1 7/8	Yes		
	HT-603v		39.00	50	88	4	110-18 ±3	M						F	1 3/4	Yes		
	HT-601v		95.00	40	91	4	3k-20k ±3	T		A/P				F	1	Yes		
	HT-600v		75.00	30	90	4	3k-20k ±3	T		A/P				F	1	Yes		
	HS-93v		109.00	90	92	4	46-20 ±3		6 x 9	3		No		F	2 3/4	Yes		
	HS-92v		95.00	90	91	4	44-20 ±3		6 x 9	2		No		F	2 3/4	Yes		
	HS-62v		65.00	65	90	4	84-20 ±3		6 1/2	2		No		F	1 3/4	Yes		
	HS-57v		85.00	70	91	4	60-20 ±3		5 x 7	2		No		F	2	Yes		
	HS-52v		60.00	60	90	4	70-20 ±3		5 1/4	2		No		F	1 3/4	Yes		
	HS-42v		50.00	40	90	4	88-20 ±3			2		No		F	1 5/8	Yes		
	HS-40v		40.00	40	90	4	88-18 ±3		4	W				F	1 5/8	Yes		
	HS-30v		25.00	30	88	4	130-18 ±3		3 1/2	W				F	1 1/4	Yes		
COUSTIC/DESIGN REFERENCE	DR-315/DR-315E	199.00		300	96	4/8	24-1 ±3	S	15					F	5 1/4	Yes		
	DR-312/DR-312E	149.00		250	92	4/8	30-1 ±3	S	12					F	4 1/4	Yes		
	OR-310/DR-310E	119.00		150	92	4/8	22-1.5 ±3	S	10					F	4	Yes		
	DR-308/DR-308E	99.00		120	89	4/8	25-2 ±3	W	8					F	3 3/4	Yes		
	DR-306/DR-306E	69.00		120	88	4/8	25-2 ±3	W	6 1/2					F	2 1/2	Yes		
	DR-301		99.00	30	92	4	3k-20k ±3	T			A/P			F	1	Yes		
	DR-300		69.00	20	94	4	3k-20k ±3	T			A/P			F	1	Yes		
	DR-328	238.00		150	90	†	35-2 ±3	S	8					F	9	Yes	‡ 2, 4, or 8 ohms.	
	Bass Pump																	
	DR-326	198.00		100	89	†	50-2.5 ±3	S	6 1/2					F	7	Yes		
Bass Pump																		
CRAIG	SG110A		18.00	30	86.5	4	95-12		4	W				F	1 1/4			
	SG210A		18.00	25	86.5	4	95-12		5	W				F	1 1/8			
	SG310A		24.00	40	88	4	80-12		6 1/2	W				F	1 7/8			
	SG320A		32.00	80	88	4	70-17		6 1/2	2	P	No		F	2 1/8			
	SG410A		32.00	50	88.5	4	65-12		6 x 9	W				F	3 1/4			
	SG420A		36.00	70	89	4	65-18		6 x 9	2	P	No		F	3 1/2			
SG430A		40.00	80	89	4	65-18		6 x 9	3	P	No		F	3 1/2				
CRAZY DOG BEWARE	Dog Pound 8	229.95		175	92.5	4	32-800 Hz	S	8							No	Enclosure.	
	Power Pound 8	349.95		Inc.			32-800 Hz	S	8						No	As above; powered; includes low-pass crossover.		
	Dog Pound 10	279.95		275	94.5	4	26-800 Hz	S	10					No	Enclosure.			
	Power Pound 10	399.95		Inc.			26-800 Hz	S	10					No	As above; powered; includes low-pass crossover.			
	RD-8	99.95		200	90.2	4	28-800 Hz	S	8						3 3/4			
RD-10	119.95		300	92.3	4	26-800 Hz	S	10						4 3/8				
RD-18	169.95		1.8k	98	4	20-800 Hz	S	18						12 3/8				
CRUNCH	WB804	69.95		125†	93	4		S	8					F	3 1/2	Yes	†Watts rms. Eight-ohm version available.	
	WB1004	89.95		150†	94	4		S	10					F	4 1/4	Yes	As above.	
	WB1204	99.95		200†	96	4		S	12					F	5 1/8	Yes	As above.	
	WB1504	119.95		225†	97	4		S	15					F	6 1/8	Yes	As above.	
	CR64/68	59.95		100†	92	4/8		S	6 1/2					F	3	Yes	As above.	
	CR84/88	79.95		125†	93	4/8		S	8					F	3 1/2	Yes		
	CR104/108	99.95		150†	94	4/8		S	10					F	4 1/4	Yes		
	CR124/128	109.95		200†	96	4/8		S	12					F	5 1/8	Yes		
	CR154/158	129.95		225†	97	4/8		S	15					F	6 1/8	Yes		
	CR6wtp	69.95		125†	92	4		S	6 1/2					F	3	Yes	As above.	
	CR8wtp	89.95		150†	93	4		S	8					F	3 1/2	Yes	As above.	
	CR10wtp	109.95		200†	94	4		S	10					F	4 1/4	Yes	As above.	
	CR12wtp	119.95		250†	96	4		S	12					F	5 1/4	Yes	As above.	
	CR15wtp	159.95		300†	97	4		S	15					F	6	Yes	As above.	
	CR18wtp	219.95		350†	98	4		S	18					F	7 3/4	Yes	As above.	
	BL84	79.95		125†	91	4		S	8					F	3 1/2	Yes	As above.	
	BL104	99.95		150†	92	4		S	10					F	4 1/2	Yes	As above.	
	BL124	109.95		175†	93	4		S	12					F	5 1/8	Yes	As above.	
	BL154	129.95		200†	94	4		S	15					F	6 1/8	Yes	As above.	
	CR10PRO	139.95		250†	93	4		S	10					F		Yes	As above.	
	CR12PRO	169.95		300†	94	4		S	12					F		Yes	As above.	
	CR15PRO	199.95		400†	96	4		S	15					F		Yes	As above.	
	CR18PRO	269.95		500†	97	4		S	18					F		Yes	As above.	
	Mex80	240.00		150†	94	4		S	(2)8					S		Yes	Box enclosure.	
	Mex105	280.00		200†	96	4		S	(2)10					S		Yes	As above.	
	Mex125	300.00		250†	97	4		S	(2)12					S		Yes	As above.	
	BP2106	260.00		200†	95	4		S	(2)10					S		Yes	Bandpass enclosure.	
	BP2126	290.00		250†	96	4		S	(2)12					S		Yes	As above.	
	BP215G	375.00		300†	97	4		S	(2)15					S		Yes	As above.	
	PX62TB		199.00	125†	92	4	50-20		6 1/2	2	P	No		S		Yes	Box enclosure.	
	PX22TB		229.00	150†	93	4	45-20		8	2	P	No		S		Yes	As above.	
	PX85HB	249.00		150†	92	4	45-25		8	2	P	No		S		Yes	As above.	
	PX105HB	269.00		175†	94	4	40-25		10	2	P	No		S		Yes	As above.	
	PX125HB	309.00		250†	95	4	35-25		12	2	P	No		S		Yes	As above.	
	PX155HB	460.00		300†	96	4	30-25		15	3	P	No		S		Yes	As above.	
	PX1555B		480.00	300†	96	4	30-25		15	3	P	No		S		Yes	As above.	
	PX1855B		599.00	350†	97	4	25-25		18	3	P	No		S		Yes	As above.	
	PPx22SD	249.00		175†	93	4	45-20		8	2	P	No		S		Yes	As above.	
	PPx62SD	229.00		125†	92	4	50-20		6 1/2	2	P	No		S		Yes	As above.	
	PPx32SD	329.00		175†	94	4	40-20		10	3	P	No		S		Yes	As above.	
PPx42SD	359.00		200†	95	4	35-20		12	2	P	No		S		Yes	As above.		
PPx63SD	299.00		175†	94	4	40-20		10	3	P	No		S		Yes	As above.		

SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold in Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS										Notes
								Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Agled Tweeter(S) = A, Pointable Tweeter(S) = P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, Inches	Weatherproofed?			
E.T.I. SOUND SYSTEMS (Continued)	B-52 10-50	99.95		400	96	4	30-900 Hz ±3	S	10					F	4 1/4	Yes	As above.	
	B-52 12-70	129.95		500	98	4	25-900 Hz ±3	S	12					F	6	Yes	As above.	
	B-52 15-110	149.95		600	99	4	20-800 Hz ±3	S	15					F	6 1/4	Yes	As above.	
	B-52 10-110	159.95		600	98	4	30-900 Hz ±3	S	10					F	4 3/4	Yes		
	B-52 12-150	199.95		700	100	4	25-900 Hz ±3	S	12					F	5 3/4	Yes		
	B-52 15-150	239.95		700	101	4	20-700 Hz ±3	S	15					F	6 1/2	Yes		
	B-52 12-60	129.95		400	99	8	25-900 Hz ±3	S	12					F	6	Yes	As above.	
	B-52 15-120	149.95		600	100	8	20-800 Hz ±3	S	15					F	6 1/4	Yes	As above.	
	B-52 15-160	239.95		600	101	8	20-800 Hz ±3	S	15					F	6 1/2	Yes		
B-52 18-180	289.95		600	102	8	20-600 Hz ±3	S	18					F	7 3/4	Yes			
ETON	Car 200		480.00		90		50-24 ±1										Four midranges and two tweeters. Two midranges and two tweeters. Two woofers and two tweeters.	
	Car 250		499.00		90		45-24 ±1											
	Car 300		599.00		90		40-24 ±1		(2)7									
	CX190		122.00	60	89	4		T			A/P			F, S				
	CX250A		88.00	80	92	8		T			A/P			F, S				
	CX250FA		88.00	80	92	8	1.7k-20k ±1	T			A/P			F, S				
	CX250P		88.00	80	90	8	1.8k-20k ±1	T			A/P			F, S				
	CX250T		90.00	80	92	8	1.7k-24k ±1	T			A/P			F, S				
	4-210/25	119.00			85		48-8 ±1	M						S		Yes		
5-810/25	139.00			91		45-7 ±1	M						S		Yes			
7-310/25	149.00			91		40-6 ±1	W	7					S		Yes			
11-510/50	369.00			89		20-2 ±1	S	11					S		Yes			
CX1		149.00		100	91	8	2k-24k ±1	T			A/P			F, S		Yes		
EXCALIBUR	EX-6913		109.95	150	90	4	30-20			6 x 9	3		No	F	3 3/8		Bass-reflex enclosure.	
	PP-6923		49.95	150	4	4				6 x 9	3		No	F		Yes		
	EX-4112		64.95	100	90	4	50-22			4 x 10	2		No	F	2 1/2			
	EX-4102		39.95	100	4	4				4 x 10	2		No	F				
	EX-501		29.95	80	4	4				5 1/4	W		No	F	1 3/4			
	EX-502		39.95	100	4	4				5 1/4	2		No	F	1 3/4			
	EX-512		49.95	100	95	4	60-22			5 1/4	2		No	F	2			
	PP-522		59.95	100	4	4				5 1/4	2		No	F	1 3/4	Yes		
	EX-401		39.95	60	4	4				4	W		No	F	1 3/4			
	EX-402		49.95	80	4	4				4	2		No	F	1 3/4			
	EX-412		39.95	80	85	4	30-22			4	2		No	F	3 3/8			
	PP-422		59.95	80	4	4				4	2		No	F	1 3/4	Yes		
	EX-4612		44.95	60	85	4	65-22			4 x 6	2		No	F	1 3/4			
	EX-301		39.95	50	4	4				3 1/2	W		No	F	1 1/2			
	EX-2001		59.95	80	4	4				(2)3			No	S				
	EX-3000		99.95	100	80	4	60-22			3 1/2	2		No	S				
	EX-3001		69.95	100	4	4				(2)4			No	S				
	PP-621	39.95		100	8	8			M					F		Yes		
	PP-821	59.95		150	8	8			W	8				F		Yes		
	PP-1021	79.95		150	8	8			W	10				F		Yes		
PP-1221	99.95		150	8	8			W	12				F		Yes			
TW-1	39.95		50	4	4			T					F					
TW-4	39.95		100	4	4			T					F					
FOCAL	130-C		140.40	80	90	†	67-18			5	2	A	No	F	2 1/4	No	†3.25 ohms.	
	130-E		145.60	100	91	3	67-18			5	2	P	Yes	†	2 1/4	No	†Flush-mount woofer, surface-mount tweeter.	
	130-EN		228.80	110	91	3	67-20			5	2	P	Yes	†	2 1/4	No	†As above.	
	130-KES		327.60	120	91	3	66-20			5	2	P	Yes	†	2 1/4	No	†As above.	
	165-C		205.40	120	88.6	3.5	66-18			6 1/2	2	A	No	F	2 1/2	No		
	165-E		156.00	120	88.6	3.5	66-18			6 1/2	2	P	Yes	F	2 1/2	No		
	165-EN		241.80	130	88.5	3	60-20			6 1/2	2	P	Yes	†	2 1/2	No	†Flush-mount woofer, convertible tweeter.	
	165-KES		361.40	140	88.4	3	63-20			6 1/2	2	P	Yes	†	2 1/2	Yes	†As above.	
	165-KEX		423.80	160	92	†	52-20			6 1/2	2	P	Yes	F	3	Yes	†2.75 ohms.	
	180-C		312.00	140	90.3	3	40-18			7 1/2	2	A	No	F	3	No		
	180-KEX		455.00	160	92	†	41-20			7 1/2	2	P	Yes	F	3	No	†As above.	
	210-C		332.80	160	92.3	3	44-18			8	2	A	No	F	3 1/2	No		
	210-KEX		561.60	200	93	4	39-22			8	2	P	Yes	F	3 1/2	No		
	260-E2		405.60	200	94.4	4	39-21			10	2	P	Yes	F	3 3/4	No		
	260-E3		520.00	250	94.4	4	39-21			10	3	P	Yes	F	3 3/4	No		
M 110		364.00	120	89.3	3.5	65-20				2	P	Yes	†	2	Yes	†Flush-mount 4 1/2-inch midrange, surface-mount tweeter.		

(Continued)

SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold in Pairs)	Recommended Maximum Power, Watts (Channel)	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz ±dB	DRIVERS										Notes
								Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeter(s) = A, Pointable Tweeter(s) = P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, Inches	Weatherproofed?			
FOCAL (Continued)	M 136		416.00	160	90	3.5	76-22			2	P	Yes	F	2 3/4	Yes	Midrange and tweeter. As above.		
	M 180		520.00	240	96	6	150-24			2	P	Yes	F	3 1/4	Yes			
	W 21	101.40		150	89.6	4	37-3	S	8				F	3 1/2	Yes	Dual voice-coils.		
	W 26	169.00		200	92.7	4	35-2	S	10				F	3 3/4	Yes			
	W 26DB	192.40		200	94.3	3	34-1.5	S	10				F	3 3/4	Yes			
	W 31B	260.00		275	92.8	4	39-1.5	S	12				F	5 1/2	No			
	W 31X4	483.60		300	94.5	4	24-1	S	12				F	5	No			
	W 38B	408.20		500	96.3	4	40-1	S	15				F	5 1/2	No			
W 38X4	543.40		400	94.7	4	28-1	S	15				F	6	No				
FULTRON	15-9793		100.00	120	88	4	30-20 ±2		6 x 9	3		No	F	3	No	Biamp capable.		
	15-9763		80.00	100	86	4	45-20 ±2		6 1/2	3		No	F	2 1/4	No			
	15-9762		70.00	100	86	4	45-20 ±2		6 1/2	2		No	F	2 1/4	No			
	15-9750		60.00	60	86	4	50-20 ±2		5 1/4	2		No	F	2 1/4	No			
	15-9746		70.00	60	86	4	50-20 ±2		4 x 6	2		No	F	2 1/8	No			
	15-9741		100.00	80	87	4	40-20 ±2		4 x 10	2		No	F	2 1/2	No			
	15-9740		50.00	40	86	4	60-20 ±2		4	2		No	F	2	No			
	15-9735		30.00	30	86	4	100-16 ±2		3 1/2	W			F	1 1/2	No			
	15-CS60		200.00	150	89	4	50-20 ±2		6 1/2	2	A	Yes	C		No			
	15-CS50		190.00	100	88	4	80-28 ±2		5 1/4	2	A/P	Yes	C		No			
	15-CS40		180.00	60	86	4	80-28 ±2		4	2	A/P	Yes	C	2	No			
	15-8569		170.00	150	93	4	20-20 ±2		6 x 9	2		No	F	3 1/2	No			
	15-8560		80.00	150	89	4	50-6 ±2	M					F	3 1/2	No			
	15-8550		60.00	100	88	4	80-8 ±2	M					F	2 1/4	No			
	15-8540		50.00	60	86	4	80-9 ±2	M					F	2	No			
	15-8250		100.00	80	88	4	5k-20k	T					C	1	No			
	15-8230		90.00	60	89	4	5k-28k	T			A/P		C	1	No			
	15-8220		30.00	80	97	4	5k-20k	T					C	1	No			
	15-9115	120.00		300	91	4	14-1.6 ±3	W	15				S	6 3/8	No			
	15-9112	100.00		300	91	4	16-1.8 ±3	W	12				F	5 1/2	No			
15-9110	80.00		300	92	4	23-2 ±3	W	10				F	4 7/8	No				
15-9108	56.00		200	93	4	28-2.8 ±3	W	8				F	4 3/8	No				
GOLD SOUND	GS405		58.00	40	90	4/8	80-6 ±3	M					F	1 3/4	Yes	Eight-ohm version available. †Dual 4-ohm voice-coils; dual 8-ohm voice-coil version available. Eight-ohm version available.		
	GS410		68.00	50	90	4	70-6 ±3	M					F	2 1/8	Yes			
	GS512		78.00	60	90	4/8	60-5 ±3	M					F	2 1/4	Yes			
	GS524		108.00	100	91	4	58-5 ±3	M					F	2 3/8	Yes			
	GS612		78.00	60	91	4/8	45-5 ±3	M					F	3	Yes			
	GS624		110.00		92	4	38-3 ±3		6 1/2			Yes	F	3	Yes			
	GS821		116.00		92	4/8	32-2 ±3		8			Yes	F	3 1/4	Yes			
	GS824		116.00		92	†	32-2 ±3		8			Yes	F	3 1/4	Yes			
	GS844		158.00	150	92	4	32-2 ±3		8			Yes			Yes			
	GS1044		168.00	200	92	†	25-1 ±3		10			Yes			Yes			
	GS1244		196.00	200	92	†	22-1 ±3		12			Yes			Yes			
	GS45C		98.00	40	92	4	85-30 ±3		4	2		Yes			Yes			
	GS4x6C		118.00	50	92	4	60-30 ±3		4 x 6	2		Yes			Yes			
	GS5.2C		114.00	50	92	4	45-30 ±3		5 1/4	2		Yes			Yes			
	GS6.5C		156.00	60	92	4	42-25 ±3		6 1/2	2		Yes			Yes			
	GS6.5AC		196.00	100	92	4/8	32-20 ±3		6 1/2	2		Yes			Yes			
	GS6x9		144.00	60	92	4	42-25 ±3		6 x 9	2		Yes			Yes			
	GS6x9AC		196.00	100	93	4	38-20 ±3		6 x 9	2		Yes			Yes			
GS8C		156.00	60	92	4/8	45-20 ±3		8	2		Yes	F		Yes				
GS8AC		218.00	100	92	4/8	32-20 ±3		8	2		Yes	F		Yes				
GS69W		118.00	100	93	4	38-3 ±3	W	6 x 9				F		Yes				
HARRISON LABORATORIES	HL3.5	24.95		30	91	4	200-4 ±3	M					F	1 3/4	No	†Dual 4-ohm voice-coils. ††Dual 2-ohm voice-coils.		
	HL6.5	59.95		75	85	†	35-2 ±3	W					F	3 1/4	No			
	HL8.0	59.95		75	85	†	35-2 ±3	W					F	3 3/4	No			
	HL10	79.95		150	85	††	30-1 ±3	W					F	4 1/2	No			
	HL12	79.95		150	85	††	28-1 ±3	W					F	4 7/8	No			
	HART PROFESSIONAL	ND-250		110.00	30	90	8	3k-25k ±3	T			A		S			No	
ND-250TH			110.00	30	90	8	3k-25k ±3	T					F	1/2	No			
PRD-2000			55.00	30	92	8	2.5k-20k ±3	T					F	1 1/8	No			
CMT-3500			65.00	50	95	8	1.7k-18k ±3	T					F	1 1/2	No			
SW-6200		70.00		100	92	4	45-3 ±3	W	6				F	2 7/8	No			
SW-6500		110.00		150	91	4/8	35-1.5 ±3	S	6				F	3	No			
SW-8000		130.00		150	93	4/8	32-1 ±3	S	8				F	3 7/8	No			
SW-10000		160.00		100	91	4/8	28-750 Hz ±3	S	10				F	4 1/4	No			
MS1000-18		750.00		1k	97	4/8	25-250 Hz ±3	S	18				F	6 3/8	No			
MS1000-15		575.00		1k	97	4/8	28-350 Hz ±3	S	15				F	5	No			
MS1000-12		475.00		1k	96.5	4/8	30-500 Hz ±3	S	12				F	4 1/2	No			
MS1000-10		450.00		1k	94	4/8	33-1.5 ±3	S	10				F	4	No			
SW200-8		134.00		200	91	4	33-2 ±3	S	8				F	3 3/8	No			
SW300-10		179.00		300	91	4	30-1.8 ±3	S	10				F	4 1/2	No			
SW300-12	199.00		300	90	4	28-1.5 ±3	S	12				F	5 1/8	No				

SPEAKERS

MANUFACTURER	Model	Price \$ (If Sold Individually)	Price \$ (If Sold In Pairs)	Recommended Maximum Power		Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS					Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, Inches	Weatherproofed?	Notes
				Watts/Channel	Watts				Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeters (A)	Pointable Tweeters (P)				
HART PROFESSIONAL (Continued)	SB300-10	549.00		300	94	4	35-120 Hz ±3	S					S				Two 4-ohm drivers; tri-chamber enclosure.
	SB300-12	449.00		300	93	4	32-100 Hz ±3	S					S				Bandpass enclosure.
	PR-110	65.00	350.00	100	93	4	35-2 ±3	S	10				F	4 1/2			Two 4-ohm drivers; tri-chamber enclosure.
	PR-112	75.00		100	91	4	32-1.5 ±3	S	12				F	5			
	SB-10			100	96	4	40-135 Hz ±3	S					F				
	PR-104	32.00		50	89	4	75-6.5 ±3	M					F	2	No		
	PR-105	34.00	60	89	4	70-5.5 ±3	M					F	2 1/2	No			
	PR-106	42.00	75	88	4	50-3.5 ±3	W	6				F	2 1/8	No			
PR-108	44.00	85	90	4	40-2.5 ±3	W	8				F	3 1/4	No				
HIFONICS	FW084	60.00		100	89	4	45-4	W	8				F	3 1/4	No	For 0.2-cubic-foot sealed enclosure; eight-cm version available.	
	FW104	100.00		150	91	4	30-4	S	10				F	4	No		
	FW124	130.00		175	91	4	25-3	S	12				F	5 1/4	No		
	OW64	60.00		200	89	4	35-100 Hz	W					F	3 1/4	No		
	OW84	65.00		250	89	4	28-100 Hz	S					F	3 1/4	No		
	OW104	95.00		300	91	4	24-100 Hz	S					F	4	No		
	OW124	130.00		325	91	4	20-100 Hz	S	12				F	5 1/4	No		
	OW154	150.00		350	91	4	20-100 Hz	S	15				F	6 1/2	No		
	PW104	169.00		300	93	4	25-2	W	10				F	4	No		
	PW1028	199.00		325	96	†	25-2	W	10				F	4	No		
	PW124	199.00		350	94	4	20-1	S	12				F	5 1/4	No		
	PW1228	235.00		375	97	†	20-1	S	12				F	5 1/4	No		
	PW154	245.00		350	95	4	20-800 Hz	S	15				F	6 1/2	No		
	PW1528	285.00		375	98	†	20-800 Hz	S	15				F	6 1/2	No		
	PW184	389.00		450	96	4	20-200 Hz	S	18				F	7 1/2	No		
	HOLLYWOOD SOUND	ED-1051	116.00		250	91	4	25-2 ±3	W	10				F	5		
ED-1251		130.00		300	89	4	20-2 ±3	W	12				F	5			
ED-1551		164.00		350	89	4	16-2 ±3	W	15				F	6			
ED-75TDT		35.00		80	88	4	4k-20k ±3	T					F	3/4			
ED-1T0T		45.00		85	90	4	3k-20k ±3	T					F	3/4			
HSL-0634		52.00		100	87	4	45-3 ±3	W	6				F	3			
HSL-0834		56.00		150	88	4	40-2.5 ±3	W	8				F	3 1/2			
HSL-1054		80.00		200	92	4	30-1.5 ±3	W	10				F	4 1/4			
HSL-1254		86.00		200	91	4	20-1 ±3	W	12				F	5			
HSL-1554		110.00		300	92	4	20-1.5 ±3	W	15				F	6			
RS-INDT			99.00	80	93	4	2k-20k ±3	T					F, S				
RS-MR4		48.00		80	92	4	100-6 ±3	M			A		F	2 1/4			
RS-MB5		71.00		80	92	4	85-4 ±3	M					F	2 1/2			
RS-MB6		73.00		80	92	4	70-3.5 ±3	M					F	2 1/2			
ED-3DM		71.00		80	91	4	400-4 ±3	M					F	1			
RS-0854		116.00		200	87	4	20-1.5 ±3	W	8				F	3 1/2			
RS-1054		130.00		250	90	4	30-1.5 ±3	W	10				F	4 1/4			
RS-1254		86.00		200	91	4	20-1 ±3	W	12				F	5			
RS-1554		110.00		350	92	4	15-1.5 ±3	W	15				F				
HSL-693			118.00	80	93	4	40-27 ±3	W		3		Yes	F	3 1/2			
RSK-0041		259.00		80	92	4	100-20 ±3	T		2	A		†	2 1/4			
RSK-0051		277.00		80	92	4	85-20 ±3	W	5	2	A		†	2 1/2			
RSK-0061		299.00		100	91	4	50-20 ±3	W	6	2	A		†	3			
HSL-86		116.00		200	98	4	20-100 Hz ±3	W									
HSL-88	138.00		200	100	4	20-100 Hz ±3	S	8									
HSL-810	178.00		250	102	4	20-100 Hz ±3	S	10									
HSL-812	238.00		300	104	4	20-100 Hz ±3	S	12									
HSL-1574	130.00		300	91	4	16-1 ±3	W	15				F, S	6 1/2				
HSL-1DTHP	30.00		80	94	4	2k-30k ±3	T					F	1/4				
HSL-MB5X		60.00	60	93	4	100-27 ±3	T					F	2 1/2				
HSL-MB6X			90	91	4	50-20 ±3	T					F	3				
HOT BOX II	8.1 BP	230.00		80	92	4	40-500 Hz	S	8							Bandpass enclosure. As above. As above. As above. As above.	
	8.2 BP	400.00		160	94	4	40-500 Hz	S	8								
	10.1 BP	330.00		125	93	4	35-500 Hz	S	10								
	10.2 BP	500.00		250	95	4	35-500 Hz	S	10								
	12.1 BP	400.00		160	93	4	30-500 Hz	S	12								
IMPACT	SCC-100		259.95	55	89	4	80-40 ±3	W	4	2		No	F	2 1/4		Biamp capable. As above. As above.	
	SCC-130			55	89	4	60-40 ±3	W	5 1/4	2		No	F	2 1/4			
	SCC-160			80	89	4	55-40 ±3	W	6 1/2	2		No	F	2 3/8			
	SCS-130.2			85	89	4	60-40 ±3	W	5 1/4	2		No	F	2 1/4			
	SCS-160.2		339.95	100	89	4	52-40 ±3	W	6 1/2	2		Yes	F	2 3/8			
	SCT-25		179.95	80	89	6	3k-20k ±3	T					F, S	7/8			
	SCD-100i			50	89	4	200-5 ±3	W	4				F	2 1/4		Includes crossover.	
	SCD-130i	69.95		50	89	4	75-5 ±3	W	5 1/4				F	2 1/4			
	SCD-160i	79.95		60	89	4	60-4.5 ±3	W	6 1/2				F	2 3/8			
	SCD-210i	89.95		80	89	4	40-4 ±3	W	8				F	3			
	BP-8	199.95		100	95	4	38-200 Hz ±3	S	8				S			Bandpass enclosure, for hatchbacks and trunks.	

(Continued)

SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold in Pairs)	DRIVERS										Notes		
				Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	Subwoofer Only (S) / Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeter(s) = A, Pointable Tweeter(s) = P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)		Maximum Required Mounting Depth, Inches	Weatherproofed?
IMPACT (Continued)	BP-10	239.95		150	95	4	35-200 Hz ±3	S	10				S			As above.
	BP-12	299.95		200	95	4	28-200 Hz ±3	S	12				S			As above.
	BP-15	359.95		250	95	4	25-200 Hz ±3	S	15				S			As above.
	M-108.2		269.95	150	95	4	40-20 ±3		8	2		No	S			Wedge enclosure; for mini-trucks.
	M-110.2		329.95	250	95	4	37-20 ±3		10	2		No	S			As above.
	M-112.2		429.95	300	94	4	34-20 ±3		12	2		No	S			As above but for medium-sized trucks.
	M-508.2	329.95		150	95	4	37-20 ±3		(2)8	2		No	S			For hatchbacks.
	M-510.2	379.95		250	95	4	30-20 ±3		(2)10	2		No	S			As above.
	M-512.2	459.95		300	94	4	30-20 ±3		(2)12	2		No	S			As above.
	BB-208	199.95		150	95	4	42-500 Hz ±3	S	(2)8				S			Enclosure.
	BB-210	259.95		250	95	4	30-500 Hz ±3	S	(2)10				S			As above.
	BB-212	329.95		300	95	4	30-500 Hz ±3	S	(2)12				S			As above.
	BB-215	429.95		500	95	4	20-400 Hz ±3	S	(2)15				S			As above.
	TS-210	369.95		300	95	4	16-100 Hz ±3	S	(2)10				S			
	TS-212	429.95		350	95	4	14-100 Hz ±3	S	(2)12				S			
	BB-T208.2	329.95		200	92	4	40-116 Hz ±3	S	(2)8				S			Bandpass enclosure; for trucks.
	BB-T210.2	409.95		300	92	4	37-113 Hz ±3	S	(2)10				S			As above.
	BB-T212.2	499.95		350	92	4	32-104 Hz ±3	S	(2)12				S			As above.
	Md2-8.4	59.95		75	92	4	20-2.5 ±3	S	8				F	3 3/8		For enclosure of 0.25 to 0.5 cubic feet; 8-ohm version available.
	Md2-10.4	79.95		125	92	4	20-2.5 ±3	S	10				F	4 3/8		As above but 0.5 to 1 cubic foot.
	Md2-12.4	109.95		150	92	4	20-2.5 ±3	S	12				F	5		As above but 0.75 to 1.2 cubic feet.
	Md2-15.4	139.95		200	92	4	20-2 ±3	S	15				F	6		As above but 1.5 to 2.5 cubic feet.
	MFc-8.4	79.95		200	92	4	20-2.5 ±3	S	8				F	3 3/8		As above but 0.25 to 0.75 cubic foot.
	MFc-10.4	119.95		300	92	4	20-2.5 ±3	S	10				F	4 3/8		As above but 0.5 to 1 cubic foot.
	MFc-12.4	139.95		400	92	4	20-2.5 ±3	S	12				F	5		As above but 0.75 to 1.5 cubic feet.
	MFc-15.4	199.95		500	92	4	20-2 ±3	S	15				F	6		As above but 1.5 to 3 cubic feet.
	MFs-8.4	169.95		150	91	4	40-1.5 ±3	S	8				F	4		Eight-ohm version available.
	MFs-10.4	199.95		250	91	4	37-1.5 ±3	S	10				F	5		As above.
MFs-12.4	239.95		300	91	4	32-1.5 ±3	S	12				F	6		As above.	
INFINITY	RS-402 MKII		89.95	25	88	4	100-16		4	W			F	1 3/4	Yes	
	RS-502 MKII		119.95	30	90	4	80-20		5 1/4	2		No	F	2	Yes	
	RS-602 MKII		119.95	50	92	4	60-20		6	2		No	F	2 1/4	Yes	
	RS-5702 MKII		129.95	50	92	4	60-20		5 x 7	2		No	F	2 1/4	Yes	
	RS-6902 MKII		169.95	80	93	4	60-20		6 x 9	2		No	F	3	Yes	
	RS-6903 MKII		209.95	90	92	4	60-22		6 x 9	3	No	P	F	3	Yes	
	RS-400		199.95	60	89	4	90-20			2		Yes	F, S	1 3/4	Yes	
	RS-500		219.95	80	89	4	80-20		5 1/4	2		Yes	F, S	2 1/4	Yes	
	RS-600		229.95	100	89	4	60-20		6	2		Yes	F, S	2 1/2	Yes	
	32K MKII Kappa		49.95	18	91	4	120-16		3 1/2	W			F		Yes	
	462K MKII Kappa		59.95	25	91	4	100-16		4 x 6	W			F		Yes	
	42K MKII Kappa		99.95	25	87	4	100-16		4	2		No	F	1 1/8	Yes	
	52K MKII Kappa		149.95	30	88	4	63-22		5 1/4	2		No	F	2 1/8	Yes	
	62K MKII Kappa		159.95	55	88	4	58-22		6	2		No	F	2 3/8	Yes	
	63K MKII Kappa		209.95	55	88	4	58-45		6	3		No	F	2 3/8	Yes	
	692K MKII Kappa		199.95	80	90	4	34-22		6 x 9	2		No	F	3	Yes	
	693K MKII Kappa		249.95	100	90	4	34-45		6 x 9	3		No	F	3	Yes	
	KCS-40		109.95	50	88	4		M					F	2	Yes	For infinite baffle.
	KCS-50		129.95	70	88	4		W	5 1/4				F	2 3/8	Yes	As above.
	KCS-60		149.95	80	88	4		W	6				F	2 1/2	Yes	As above.
	KCS-65MB	79.95		125	87	4		W	6 1/2				F	3 1/4	Yes	As above.
	KCS-80	109.95		175	91	4	41-1	W	8				F	3 3/4	Yes	Versions for infinite baffle and vented enclosures.
	KCS-100	139.95		175	93	4	34-1	W	10				F	4 1/2	Yes	As above.
	KCS-120	179.95		200	94	4		S	12				F	5 1/4	Yes	As above.
	100-KD		109.95	35	89	4			3 3/8	2		No	F		Yes	For European cars.
	120-KD		119.95	40	89	4			4 1/4	2		No	F		Yes	As above.
	130-KD		129.95	40	89	4			5 1/8	2		No	F		Yes	As above.
	150-KD		89.95	40	89	4			5 1/8	2		No	F		Yes	As above.
CS-4 MKII Kappa		299.95	90	88	4	100-22				P		F, S	2	Yes	Midrange and tweeter.	
CS-5 MKII Kappa		329.95	100	88	4	80-22		5 1/4				F, S	2 3/8	Yes		
CS-6 MKII Kappa		349.95	120	88	4	58-22		6				F, S	2 1/2	Yes		
46P Kappa		159.95	50	88	4	100-22			2			P	2	Yes		
CS-1B Kappa		399.95	200	89	4	34-45		6 x 9	3	P	Yes	F, S	3	Yes		
JBL	GTC4210		69.95	50	91	4	70-20 ±3		4	2		No	F	1 1/2	Yes	
	GTC4220		109.95	80	91	4	65-21 ±3		4	2		No	F	1 1/4	Yes	
	GTC4610		59.95	60	92	4	70-20 ±3		4 x 6	2		No	F	1 1/8	Yes	For U.S. cars; for European cars, GTC4610d.
	GTC5210		89.95	60	90	4	60-20 ±3		5 1/4	2		No	F	2	Yes	
	GTC5220		129.95	90	91	4	55-21 ±3		5 1/4	2		No	F	2 1/8	Yes	
	GTC6210		99.95	90	91	4	55-20 ±3		6 1/2	2		No	F	1 1/8	Yes	
(Continued)	GTC6220		149.95	100	92	4	50-21 ±3		6 1/2	2		No	F	2 1/4	Yes	

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SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold In Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS						Weatherproof?	Notes		
								Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W) 2-Way (2), 3-Way (3), 4-Way (4)	Angle Tweeter(s) = A, Pointable Tweeter(s) = P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)			Maximum Required Mounting Depth, Inches	
JBL (Continued)	GTC7510		79.95	90	91	4	48-20 ±3		5 x 7	2		No	F		Yes	For vented or bandpass enclosure. As above. 12, 4, or 8 ohms; dual voice-coils. Two-channel enclosure. As above. Mirror-image enclosures. Tube enclosure. As above. For enclosure of 3.5 cubic feet. Venturi venting. As above but 2.5 cubic feet. For enclosure of 1.75 cubic feet. With dual voice-coils, \$129.95. As above but \$109.95. As above but \$99.95. As above but \$79.95. Includes crossover. For Mercedes.	
	GTC9610		99.95	100	91	4	45-19 ±3		6 x 9	2		No	F		Yes		
	GTC9615		129.95	110	92	4	40-20 ±3		6 x 9	3		No	F		Yes		
	GTC9625		189.95	150	93	4	30-21 ±3		6 x 9	3		No	F		Yes		
	1000GTi	299.95		600	91.5	4	20-1 ±3		10								
	800GTi	269.95		600	90	4	25-1.5	S	8								
	600GTi		349.95	300	91	4	45-5 ±3	W	6½								
	508GTi		679.95	150	89	4	55-21 ±1.5		5¼		P	Yes	F, S		2¼		Yes
	504GTi		599.95	125	89	4	55-21 ±1.5		5¼		A	No	F, F		2¼		Yes
	500GTi		449.95	150	89	4	55-7 ±1.5	M				Yes	F, F		2¼		Yes
	408GTi		649.95	125	89	4	75-21 ±1.5		4	2	P	Yes	F, F		2½		Yes
	404GTi		579.95	100	89	4	75-21 ±1.5		4	2	A	No	F, F		2½		Yes
	400GTi		399.95	125	89	4	75-7 ±1.5						F, F		2½		Yes
	08GTi		179.95	100	92	4		T			P		C, C		1		Yes
	GT4203		199.95	80	91	4	70-25		4	2		Yes	F, S		1½		Yes
	GT5203		229.95	90	91	4	60-25		5¼	2		Yes	F, S		2		Yes
	GT6203		249.95	110	91	4	50-25		6½	2		Yes	F, S		2½		Yes
	GT152D	129.95		300	97	†	20-2	S	15				C, C		6¼		Yes
	GT122D	109.95		280	95	†	25-3	S	12				C, C		5¼		Yes
	GT102D	99.95		260	94	†	30-3.5	S	10				C, C		4¾		Yes
	GT82D	79.95		200	93	†	35-5	S	8				C, C		3¾		Yes
	GT07	119.95		120	88	4	2k-30k				A		C, S				
	GTB10	399.95		200	90	4	35-20		10	3							
	GTB12	449.95		240	90	4	30-25		12	3							
	GTB210	429.95		200	90	4	40-20		10	3							
	GTM80	199.95		200	90	4	40-2	S	8								
	GTM100	249.95		240	90	4	35-1.5	S	10								
	1800GTi	499.95		1k	95	4	20-300 Hz	S	18				F, S		6¾		Yes
	1500GTi	369.95		1k	94	4	20-300 Hz	S	15				F, S		5¼		Yes
	1200GTi	329.95		1k	93	4	20-300 Hz	S	12				F, S		4¼		Yes
	GT152	119.95		300	97	4	20-2	S	15				F, S		6¼		Yes
	GT122	99.95		280	95	4	25-3	S	12				F, S		5¼		Yes
	GT102	89.95		260	94	4	30-3.5	S	10				F, S		4¾		Yes
	GT82	69.95		200	93	4	35-5	S	8				F, S		3¾		Yes
	GT03		79.95	90	90	4	4k-23k	T					S, S				
T545		349.95	150	92	4	40-18		6 x 9	3		No	S, P		1¾	Yes		
T464		119.95	60	90	4	100-20		3½	2		No	F, P		3½	Yes		
TL410		125.95	80	92	4	55-20		4 x 10	2		No	F, F		3½	Yes		
TL350		49.95	15	87	4	115-15		3½	W			F, F		1½	Yes		
JENSEN	JW12	59.95		300	92	4	30-2 ±3	S	12				F		No	Dual voice-coils. As above. As above. As above. Tube enclosure. For marine use. Enclosure; for hatchbacks. Dual voice-coils.	
	JW10	49.95		200	91	4	30-2 ±3	S	10				F		No		
	JTE650		159.95	150	92	4	60-25 ±3		6½	2					No		
	Leading Wedge																
	J310TX		94.95	150	92	4	30-20 ±3		6 x 9	3		No	F		3		Yes
	J210CX		69.95	120	91	4	35-20 ±3		6 x 9	2		No	F		2¾		Yes
	J365TX		79.95	120	91	4	35-20 ±3		6 x 9	3		No	F		1¼		Yes
	J246CX		79.95	100	91	4	40-20 ±3		6½	2			F		1½		Yes
	J236CX		59.95	80	91	4	40-20 ±3		6½	2			F		1½		Yes
	J245CX		69.95	100	91	4	45-20 ±3		5¼	2			F		1¾		Yes
	J244CX		49.95	85	90	4	40-20 ±3		4	2			F		1½		Yes
	J165FR		49.95	75	90	4	50-20 ±3		6½	W			F		1½		Yes
	J124FR		44.95	60	90	4	60-20 ±3		4	W			F		1½		Yes
	J226CX		59.95	90	91	4	40-20 ±3		6½	2			F		1½		Yes
	J225CX		59.95	100	91	4	50-20 ±3		5¼	2			F		1¾		Yes
	JFX1235		39.00	50	90	4	70-20		3½	W			F		1½		No
	JFX1246		44.00	50	90	4	70-20		4 x 6	W			F		1½		No
	JCX2240		89.00	120	91	4	40-20		4 x 10	2			C, F		3		No
	J5254		179.00	150	90	4	50-20 ±3		5¼	2	P	Yes	C, F				
	JTX3669		159.00	250	93	4	30-26		6 x 9	3		No	F, F		3		No
	JCX2462		79.00	100	90	4	60-20		6½	2		No	F, F		1½		No
	JCX2442		69.00	85	90	4	61-20		4	2		No	F, F		1½		No
	JFX1442		46.00	80	90	4	70-20		4	W			F, F		1½		No
	JSM303		99.00	150	88	4	70-20		4	3			S, F				No
	JTX3652		99.00	120	91	4	58-20		6½	3			F, F		1½		No
	JCX2252		79.00	80	90	4	60-20		5¼	2			F, F		1¾		No
	JFX125		54.00	65	90	4	60-20		5¼	W			F, F		1½		No
	JCX2257		99.00	100	91	4	60-20		5 x 7	2			F, F		2½		No
	JFX1269		74.00	120	91	4	35-20		6 x 9	W			F, F		2¾		No
	JP1200	89.00		375	92	4/8	30-3.5	S	12				F, F		5½		No
	JP1000	79.00		325	90	4/8	35-2.5	S	10				F, F		4¾		No
	JP800	69.00		225	88	4/8	38-3	S	8				F, F		4¾		No
	JT25			50	90	6	4.5k-32k	T			P		F				No
	JTS100		124.00	375	94	4	36-200 Hz	S	10								No
	JM33		149.00	140	91	4	40-23		6 x 9			No	F, F		4		Yes
JM156		80.00	100	89	4	45-20		6½	W			F, F			Yes		
JTE1300	299.00		300	97	4	53-22	(2)10	3			No	F, F			No		
JW101	179.00		375	89	4	36-200 Hz	S	10							No		
JTX3469		134.00	190	92	4	30-26		6 x 9	3		No	F, F		3½	No		
JCX2469		94.00	160	91	4	35-23		6 x 9	2		No	F, F		3¼	No		
JW824	65.00		200	88	4	25-3	S	8				F, F		4½	No		
JXL693		149.00	175	93	4	40-26		6 x 9	3		No	F, F		1¼	No		
JFX1652		52.95	75	90	4	60-20 ±3		6½	W			F, F		1½	No		

SPECIAL PACKAGE DEAL ON TEST CDs

AUDIO magazine and Allegro are pleased to offer a special package price of \$139.95 (that's 10% off the regular price) on a selected group of test CDs from two leading makers. The package is recommended by AUDIO for the professional or advanced hobbyist. Many of these CDs are not available anywhere else. This is a limited time offer—for two months only!—and it will not be repeated. **THE CUT-OFF DATE IS JULY 25, 1994!** During this period only, we'll even pay the postage and handling.

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Pierre Verany's (PV 784031) offers more demos of music, including organ, choir, harpsichord, etc., together with basic test signals of white and pink noise, speaker phasing, resonance, etc.

Best of Demonstration, Vol. 1 from Pierre Verany (PV 792052) is a well-made recording, with natural acoustics; Mostly music, has trains, organs. No test signals.

Anechoic Orchestra Music from Denon (PG-6006) reviewed in AUDIO 7/89; John Eargle found it good for checking new recording halls and

the home listening room.

A unique test disc which has a 24-carat gold surface.

Audio Technical CD by Denon (C39-7147) has music and test signals for S/N, THD, response, phase, level, toneburst, impulse, and spot frequencies.

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SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold in Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL, (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS										Notes					
								Subwoofer Only (S)	Woofer Only (W)	Midrange Only (M)	Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2)	3-Way (3), 4-Way (4)	Angled Tweeter(s) = A	Pointable Tweeter(s) = P	Separately Mountable Drivers?		Flush Mount (F), Surface Mount (S), Convertible (C), Pile (P)	Maximum Required Mounting Depth, Inches	Weatherproofed?		
JENSEN (Continued)	JW1204	84.95		325	4	4	20-2.5 ±3	S	12														
	JW1500	109.95		350	94	4	18-4 ±3	S	15														
	JTE630		199.95	150	91	4	75-25 ±3		6½	2			No	S		6%	No					Carpeted enclosure; for smaller pickups and vans.	
	JTE830		249.95	200	94	4	60-25 ±3		8	2			No	S			No					Carpeted, bottom-loaded, ported enclosure; for smaller pickups and vans.	
	JTE1030		299.95	250	95		65-25 ±3		10				No	S			No					Carpeted, bottom-loaded, ported enclosure.	
	JM1600	64.95		170	88	4	50-22 ±3		6½	2			No	F		1½	Yes					For marine use.	
	JM1610	69.95		170	88	4	50-22 ±3		6½	2			No	S			Yes					As above; cabinet enclosure.	
JL AUDIO	8W1-4/8	89.95		100		4/8		S	8								F	3¾	Yes			For enclosure.	
	8W2-4/8	76.95		75		4/8		W	8								F	3½	Yes			For ported or bandpass enclosures.	
	8W6	119.95		200		†		S	8								F	4¼	Yes			†Dual 6-ohm voice-coils. For enclosure.	
	8IB4	89.95		75		8		W	8								F	3¾	No			For infinite baffle use.	
	10W1-4/8	109.95		125		4/8		W	10								F	4½	Yes			For small sealed or large ported enclosures.	
	10W4-4/8	168.95		200		4/8		S	10								F	5½	Yes			For enclosure.	
	10W6	199.95		300		†		S	10								F	5	Yes			For infinite baffle use.	
	10IB4	109.95		100		8		W	10								F	4½	No			For small sealed or large ported enclosures.	
	12W1-4/8	124.95		125		4/8		W	12								F	5¼	Yes			For enclosure.	
	12W4-4/8	184.95		200		4/8		S	12								F	5½	Yes			For infinite baffle use.	
	12W6	219.95		300		†		S	12								F	5½	Yes			For enclosure.	
	12IB4	124.95		125		8		W	12								F	5½	No			For infinite baffle use.	
	15W1-4/8	162.95		150		4/8		S	15								F	6¾	Yes			For small sealed or large ported enclosures.	
	15W4-4/8	210.95		200		4/8		S	15								F	6¾	Yes			For enclosure.	
	15W6	249.95		400		†		S	15								F	6¾	Yes			For enclosure.	
	CT-3		99.95		92		4	5k-20k	T				A				C	¾	Yes				For enclosure.
	4CW-1		82.95		30		4	100-8	W	4							F	1¾	Yes				For enclosure.
	5CW-1		95.95		50		4	60-8	W	5¼							F		Yes				For enclosure.
	6CW-1		125.95		50		4	50-5	W	6½							F		Yes				For enclosure.
	6W1	68.95		60		89	4	50-4	W	6½							F		Yes				For enclosure.
	5CX-1		125.95		40		4	70-19		5¼				No			F		Yes				For enclosure.
	6CX-1		159.95		50		4	60-19		6½	2			No			F		Yes				For enclosure.
	5CS-3		249.95		50		4	60-20		5¼	2		A	Yes			C	2½	Yes				For enclosure.
6CS-3		269.95		50		4	50-20		6½	2		A	Yes			C	2½	Yes				For enclosure.	
8A-1	229.95		50		89	4	44-138 Hz	S	8													Bandpass enclosure.	
8PT-2	399.95		100		92	4	42-125 Hz	S	(2)8													As above.	
10A-1	329.95		125		90	4	42-100 Hz	S	10													As above.	
10PT-2	499.95		250		93	4	42-100 Hz	S	(2)10													As above.	
12PT-1	399.95		125		92.5	4	42-100 Hz	S	12													As above.	
Mustang Stealthbox	629.95		250		91	4	32-125 Hz	S	10													Fiberglass enclosure; for 1979-1993 Mustangs.	
JVC	CS-5724	129.95		60		91	4	40-20		5 x 7	2		No	F		2½	Yes					For marine use.	
	CS-4624	94.95		45		89	4	50-20		4 x 6	2		No	F		1½	Yes					As above.	
	CS-304	39.95		30		87	4	80-15		3½	W			F		1½	Yes					For marine use.	
	CS-MX610	79.95		100		91	4	35-21		6½	W			F		2¼	Yes					As above.	
	CS-MX620	99.95		100		91	4	35-25		6½	2		No	F		2¼	Yes					As above.	
	CS-HX6920	124.95		100		93	4	30-26		6 x 9	2		No	F		3	Yes					As above.	
	CS-HX6930	149.95		120		93	4	28-27		6 x 9	3		No	F		3½	Yes					As above.	
	CS-HX6940	199.95		160		94	4	28-30		6 x 9	4		No	F		3½	Yes					As above.	
	CS-516	59.95		60		90	4	50-20		5¼	W			F		1¾	Yes					As above.	
	CS-526	69.95		60		90	4	50-20		5¼	2		No	F		1¼	Yes					As above.	
	CS-HX410	54.95		50		90	4	45-20		4	W			F		1½	Yes					As above.	
	CS-HX420	79.95		50		91	4	45-24		4	2		No	F		1½	Yes					As above.	
	CS-HX610	79.95		100		91	4	35-21		6½	W			F		2¼	Yes					As above.	
	CS-HX620	99.95		100		91	4	35-25		6½	2		No	F		2¼	Yes					As above.	
	CS-HX630	124.95		150		91	4	35-30		6½	2		No	F		2½	Yes					As above.	
	CS-F300	249.95		†		86	†	20-2	S	6		3			S								†Dual voice-coils, 50 watts and 4 ohms per coil. Enclosure.
	CS-F10	199.95		300		89	4	20-1	S	10					F		4¾	Yes					As above.
CS-F08	169.95		200		89	4	30-2	S	8					F		3¾	Yes					As above.	
CS-M04	89.95		150		88	4	45-7	M						F		1¼	Yes					As above.	
CS-T11	159.95		150		88	4	1k-30k	T				A/P		F, S		¾	Yes					As above.	
KAWASAKI	KS-301	279.99		260		90	4/8	110-20 ±3			2		No	S			Yes					Box enclosure.	
	KS-360	199.99		160		90	4	75-20		5¼	3		No	C		2½	Yes					As above.	
	KS-390	199.99		200		96	4	60-20		6 x 9	3		No	C		3	Yes					As above.	
																							As above.
KEF	KAR 160.Q	330.00		100		89	4	40-20 ±3		6½	2		No	F		2½	Yes					As above.	
	KAR 690.Q	350.00		120		90	4	30-20 ±3		6 x 9	2		No	F		3½	Yes					As above.	
	KAR 110.2	330.00		70		87	4	50-20 ±3		5¼	2		No	F		2½	Yes					As above.	
	KAR 160.2	380.00		100		89	4	40-20 ±3		6½	2		No	F		2½	Yes					As above.	
	KAR 160.B	170.00		100		88	4	40-4.5 ±3	W	6½	2		Yes	F		2¾	Yes					As above.	
	KAR 200.B	140.00		150		90	4	20-800 Hz ±3	S	8				F		4	Yes					As above.	
	KAR 250.B	180.00		200		91	4	20-500 Hz ±3	S	10				F		4½	Yes					As above.	
	KAR 19.U	150.00		100		90	4	3k-20k ±3	T					F, S			Yes					As above.	
	KAR 25.U	180.00		150		92	4	2k-20k ±3	T					F, S			Yes					As above.	
	KAR 110.M	130.00		70		89	4	40-5 ±3	M					F		2½	Yes					As above.	
KAR 160.M	150.00		100		89	4	40-5 ±3	M					F		2½	Yes					As above.		

SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold In Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS					Weatherproofed?	Notes		
								Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeters (A), Pointable Tweeters (P)	Separately Mountable Drivers?			Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, inches
KENWOOD	KFC-W1600		129.00	150	90	4	30-7	W	6				F	2 1/4	Yes	
	KFC-M205		99.00	150	89	4	65-10	M					F	2 1/4	Yes	
	KFC-M204		89.00	120	88	4	65-10	M					F	1 3/4	Yes	
	KFC-HQW300	369.00		1k	91	4	18-2	S	12				F	5 3/4	No	
	KFC-HQW250	269.00		600	90	4	18-2	S	10				F	5 1/4	No	
	KFC-W3000	99.00		450	93	4	18-4	S	12				F	5 1/4		
	KFC-W2500	89.00		360	91	4	18-3.5	S	10				F	4 1/4		
	KFC-W2000	69.00		300	91	4	20-6	S	8				F	4		
	KFC-T201		99.00	150	89	4	2k-23k	T					F	3 3/8		
	KFC-T301		129.00	150	89	4	2k-25k	T					F	3 3/8		
	KFC-7170		169.00	160	92	4	27-26		7 x 10	3	A		F, S	3 3/4	Yes	Fits 6 x 9-inch holes.
	KFC-HQ132		129.00	100	90	4	45-22		5	2			F, S	2 1/4	Yes	
	KFC-HQ102		119.00	60	89	4	55-22		4	2			F	1 3/4	Yes	
	KFC-1684		99.00	120	90	4	45-21		6 1/2	3			F	2	Yes	
	KFC-4671		89.00	45	91	4	60-20		4 x 6	2			F	1 3/8	Yes	
	KFC-1674		79.00	100	92	4	50-20		6 1/2	2			F	1 3/8	Yes	
	KFC-6963		79.00	100	91	4	35-20		6 x 9	2			F	2 3/4	Yes	
	KFC-463V		69.00	45	89	4	70-20		4 x 6	2			F	1 3/4	Yes	
	KFC-467C		69.00	45	91	4	60-20		4 x 6	2			F	1 3/8	Yes	
	KFC-1364		59.00	60	91	4	50-20		5 1/4	2			F	1 3/4	Yes	
	KFC-1064		49.00	50	90	4	60-20		4	2			F	1 3/4	Yes	
	KFC-7180		249.00	240	92	4	26-26		7 x 10	3			F	3 1/2	Yes	As above.
	KFC-HQ690		199.00	200	92	4	28-30		6 x 9	3			F	3 1/2		
	KFC-HQ162		169.00	150	91	4	35-30		6	3			F	1 3/4		
	KFC-6983		149.00	150	92	4	30-26		6 x 9	3			F	3		
	KFC-6973		119.00	105	91	4	35-25		6 x 9	3			F	3	Yes	
	KFC-4116		99.00	100	91	4	60-20		4 x 10	2			F	2 1/2	Yes	
	KFC-1374		79.00	60	91	4	50-20		5	2			F	1 3/4	Yes	
	KFC-1074		59.00	50	90	4	60-21		4	2			F	1 3/4	Yes	
	KFC-P305		159.00	150	90	4	60-20		2	2		Yes	F, S	2 1/4	Yes	
	KFC-P304		149.00	150	89	4	65-20		2	2		Yes	F, S	1 3/8	Yes	
	KSC-7702			300	90	4	35-20		10	3			S			
	KSC-W800	150.00		200	90	4	39-1.5	W	8				S			
	KSC-9902		269.00	200	90	4	40-20		10	3			S			
	KSC-8802		199.00	200	90	4	50-20		8	2			S			
	KSC-WA801	249.00		100	90	4	20-300 Hz	S	8				S			
	KFC-HQ160		149.00	150	90	4	35-22		6 1/2	3			F	2 3/8	Yes	
	KFC-HQ570		139.00	120	91	4	40-30		5 x 7	2			F	2 1/8	Yes	
	KFC-HQ460		129.00	55	89	4	45-30		4 x 6	2			F	1 3/4	Yes	
	KFC-1663		49.00	60	92	4	55-20		6	W			F	1 3/8	Yes	
KFC-1664		59.00	60	91	4	50-20		6	2			F	1 3/4	Yes		
KFC-1363		49.00	50	91	4	60-20		5				F	1 3/4	Yes		
KFC-1053		39.00	40	90	4	60-20		4				F	1 3/4	Yes		
KFC-830G		39.00	30	89	4	96-20		3 1/2				F	2			
KFC-P306		169.00	150	90	4	50-20		6	2		Yes	F, S	2 1/4	Yes		
KICKER	Resolution ND25		249.00	150	95	4	3.5k-22k ±3	T			A		C	1 1/4		Overload protection; includes crossover; Zobel impedance compensation.
	Resolution D14X		75.00	75	94	4	4.5k-21k ±3	T					C	3/4		As above.
	Resolution D20X		85.00	100	93	6	4.5k-21k ±3	T					F	3/4		As above; round version, \$99.00.
	Resolution R5		139.00	90		4/8	50.5 ±3	M					F	2 1/2	No	
	Resolution R4		109.00	70		4/8	75.6 ±3	M					F	2	No	
	Resolution R3		89.00	50		4/8	125-15 ±3	M					F	1 1/2	No	
	SS12	529.00		250	93.5	4	30-21 ±3		(2)12	3		No	S		Yes	Box enclosure; vents can be sealed to change bass contour; for hatchbacks, vans, and sport utility vehicles.
	SS10	439.00		200	92.5	4	33-21 ±3		(2)10	3		No	S		Yes	As above.
	SS8	349.00		150	92.5	4	38-21 ±3		(2)8	2		No	S		Yes	As above.
	SS6		179.00	75	4		55-21 ±3		6 1/2	2		No	S		Yes	Sealed enclosure.
	SSCTF	469.00		200	92.5	4	25-21 ±3		(2)10	3		No	S		Yes	Box enclosure; vents can be sealed to change bass contour; for Camaros and Firebirds.
	SS2x10	349.00		200	92.5	4	33-150 Hz ±3	S	(2)10				S			As above but for hatchbacks or mounting in trunks behind rear seat.
	Substation KSR80	279.00		150		4		S	8				S		Yes	Bandpass enclosure.
	Substation KSR100	379.00		200		4		S	10				S		Yes	As above.
	Substation KSR120	429.00		250		4		S	12				S		Yes	As above.
Substation KS60-4		249.00	100		4	29-1 ±3	W	(2)6 1/2				S			Carpeted, vented enclosure; 8-ohm version available.	
Substation KS80-4		349.00	150		4	32-1 ±3	W	(2)8				S			As above.	
SK12	529.00		250	93.5	4	35-21 ±3		(2)12	3		No	S		Yes	Box enclosure; vents can be sealed to change bass contour; for pickups, vans, and 4 x 4 vehicles.	
SK10		429.00	200	92.5	4	38-21 ±3		(2)10	3		No	S		Yes	As above.	
SK10-2		349.00	150	90.5	4	40-21 ±3		(2)10	2		No	S		Yes	As above.	
SK8-2		269.00	125	89.5	4	42-21 ±3		(2)8	2		No	S		Yes	Ported enclosure; for pickups, vans, and 4 x 4 vehicles.	

(Continued)

SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold in Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS							Notes			
								Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Applied Tweeter(s) = A, Pointable Tweeter(s) = P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, Inches		Weatherproofed?		
																	Woofer	Whizzer
KICKER (Continued)	Solo-Baric S8a	169.00		300	86.2	4/8	28-100 Hz ±3	S	8					F	3 3/8		For 0.33-cubic-foot sealed enclosure; works as isobaric pair. As above.	
	Solo-Baric S10a	249.00		450	87.7	4/8	24-100 Hz ±3	S	10					F	4 7/8			
	Solo-Baric S12a	299.00		600	87.7	4/8	20-100 Hz ±3	S	12					F	5 1/2			
	FX46		199.00	70	85	4	55-21 ±3		4 x 6	2				F	2			Biamp capable; tweeter overload protection.
	FX5.25		229.00	90	86	4	50-21 ±3		5 1/4	2				F	2 3/8			As above.
	FX65		239.00	150	86.8	4	30-21 ±3		6 1/2	2				F	3			As above.
	FX69		249.00	160	87.8	4	30-21 ±3		6 x 9	2				F	3 3/8			As above.
	Competition C18a	429.00		1k	91.8	4/8	20-500 Hz ±3	S	18					F	7 1/2			For sealed enclosure.
	Competition C15a	199.00		500	90.6	4/8	25-500 Hz ±3	S	15					F	6 3/8			As above.
	Competition C12a	169.00		400	89	4/8	25-500 Hz ±3	S	12					F	5 3/8			As above.
	Competition C10a	139.00		300	89.8	4/8	25-500 Hz ±3	S	10					F	4 3/8			As above.
	Competition C8a	89.00		200	88.6	4/8	30-500 Hz ±3	W	8					F	3 1/2			As above.
	Competition C6.5a	79.00		150	87.3	4/8	30-500 Hz ±3	W	6 1/2					F	3			As above.
	Freeair F6.5a	79.00		150	87	4/8	30-500 Hz ±3	W	6 1/2					F	3			As above.
	Freeair F6x9a	79.00		150	87.3	4/8	30-500 Hz ±3	W	6 x 9					F	3 3/8			As above.
	Freeair F8a	89.00		200	88.3	4/8	30-500 Hz ±3	W	8					F	3 1/2			For ported enclosure or free-air use.
	Freeair F10a	139.00		300	89.8	4/8	25-500 Hz ±3	S	10					F	4 3/8			As above.
	Freeair F12a	169.00		400	88.7	4/8	25-500 Hz ±3	S	12					F	5 3/8			As above.
	Freeair F15a	199.00		500	90.5	4/8	25-500 Hz ±3	S	15					F	6 3/8			As above.
	Impulse 690i		229.00	90	92	4	30-21 ±3		6 x 9	2	A	No		F	3 1/2	No		For enclosure.
	Impulse 650i		199.00	65	90	4	40-20 ±3		6 1/2	2	A	No		F	2 3/8	No		
	Impulse 570i		149.00	45	90	4	45-20 ±3		5 x 7	2	A	No		F	2 1/2	No		
	Impulse 525i		149.00	45	90	4	45-20 ±3		5 1/4	2	A	No		F	2 1/2	No		
	Impulse 460i		129.00	30	88	4	50-20 ±3		4 x 6	2	A	No		F	2	No		
	Impulse 400i		99.00	30	88	4	60-20		4	2	A	No		F	1 7/8	No		
	Impulse 350i		69.00	20	88	4	80-20		3 1/2	2	A	No		F	1 3/8	No		
	Impulse 154i/158i	149.00		175	90.7	4/8	25-700 Hz ±3	S	15					F	6 1/8	No		
	Impulse 124i/128i	119.00		150	90.7	4/8	27-1 ±3	S	12					F	5 3/8	No		
Impulse 104i/108i	99.00		125	89.3	4/8	30-1 ±3	S	10					F	4 1/2	No			
Impulse 84i/88i	79.00		100	87	4/8	30-1 ±3	W	8					F	3 3/8	No			
Impulse 6.2i		299.00	75	88	4	35-21 ±3		6 1/2	2	P	Yes		C	2 3/8	No			
Impulse 5.2i		279.00	65	88	4	40-21 ±3		5 1/4	2	P	Yes		C	2 1/2	No			
Impulse 4.2i		249.00	50	88	4	60-21 ±3		4	2	P	Yes		C	1 7/8	No			
KINETIC AUDIO	KA12W70	300.00	600.00	100	92	†	20-2 ±3	S	12				F, S	6 1/2	Yes	†Dual 4-ohm voice-coils.		
	KA12W40 RSDVC	200.00	400.00	100	91	†	20-2 ±3	S	12				F, S	6 1/2	Yes			
	KA12W70 FDVC	250.00	500.00	100	92	†	20-2 ±3	S	12				F, S	6 1/2	Yes			
	KA12W38 FDVC	150.00	300.00	100	91	†	20-2 ±3	S	12				F, S	6 1/2	Yes			
	KA12W38	125.00	250.00	100	90	6	20-2 ±3	S	12				F, S	6 1/2	Yes			
	KA8WRS	100.00	200.00	80	91	8	30-3 ±3	W	8				F, S	3 1/2	No			
	KA6528RS	100.00	200.00	80	90	6	35-2.5 ±3	W	6 1/2				F, S	3 1/2	No			
	KAMT	100.00	200.00	100	91	8	500-8 ±2	M					F, S	2	No			
	KAT3	100.00	200.00	80	92	8	2k-20k ±1	T					F, S	3	No			
	KAT2	90.00	180.00	80	93	8	3k-20k ±2	T					F, S	2	No			
	KAT1A	65.00	130.00	80	91	8	3k-20k ±3	T					F, S	1 1/2	No			
	KAT1	45.00	90.00	40	92	8	2k-20k ±3	T					F, S	1 1/2	No			
	KAT1ML	50.00	100.00	50	91	8	3k-20k ±3	T					F, S	1 1/2	No			
	KING SOUND	RF		220.00	120	94	4	25-20 ±3		(2)10	2	A	No	S			Yes	Enclosure.
KRACO	CX-572		49.95	40	90	4	60-16		5 x 7	2		No	F, P	1 1/4	No	Fits 5 x 7-inch and 6 x 8-inch holes. Fits 4 x 6-inch U.S. or DIN holes. Box enclosure. As above. Tube enclosure.		
	CX-462		49.95	40	88	4	80-16		4 x 6	2		No	F, P	1 3/4	No			
	FX-95		209.95	100	96	4	20-20		6	2	A	Yes	S		No			
	FX-98	219.95		200	96	4	20-20 ±3		6	2		No	S		No			
	FX-99	160.95		200	96	4	30-150 Hz ±3	S	8				S		No			
	TRI-500		109.95	50	86	4	85-20		4	3	A	No	S		No			
	CX-300		59.95	25	85	4	150-16		3 1/2	2	A	No	S		No			
	TRI-369		79.95	50	89	4	60-17		6 x 9	3		No	F	3 1/2	No			
	CX-269		54.95	40	86	4	65-16		6 x 9	2		No	F	3 1/2	No			
	CX-120		54.95	40	86	4	90-16		6 1/2	2		No	F	2 1/2	No			
	CX-2-20		59.95	40	86	4	90-16		5 1/4	2		No	F	2 1/4	No			
	THP-3		44.95	25	86	4	150-20		3 1/2	2		No	F	1 1/4	No			
	CX-240		54.95	40	89	4	90-16		4	2		No	F	1 3/4	No			
	LANZAR SOUND	MWS 5		79.95	80	96	4/8	100-4 ±3	W	5				F	2 1/2		Yes	
TWS			149.95	100	98	4	5k-27k ±3	T			A		C	1/2	Yes			
TXS			109.95	70	98	4	5k-22k ±3	T			A		C	1/2	Yes			
TTS			59.95	70	98	4	5k-22k ±3	T			A		C	1/2	Yes			
MD 4			59.95	80	98	4/8	100-5 ±3	M					F	1 7/8	Yes			
DCR 3.5			59.95	60	94	4	100-18 ±3		3 1/2	W			F	1 3/8	Yes			
ZR8S		79.95		100	96	4/8	39-4 ±3	W	8				F	3 1/2	Yes			
ZR10S		89.95		100	96	4/8	35-4 ±3	W	10				F	4	Yes			
ZR12S		119.95		150	98	4/8	32-4 ±3	W	12				F	5 1/2	Yes			
ZR15S		149.95		200	99	4/8	30-4 ±3	W	15				F	6 1/2	Yes			

SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold In Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS										Notes
								Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Woofer (W) 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeter(s) = A, Portable Tweeter(s) = P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Converting (C), Plate (P)	Maximum Required Mounting Depth, Inches	Weatherproof?			
LANZAR SOUND (Continued)	HCX 3.5		89.95	60	92	4	100-20 ±3		3 1/2	2		No	F	1 1/8	Yes			
	HCX 4		119.95	60	92	4	100-20 ±3		4	2	No	F	1 1/8	Yes				
	HCX 5		129.95	60	94	4	100-20 ±3		5 1/4	2	No	F	2 1/2	Yes				
	HCX 6.5		199.95	150	96	4	50-20 ±3		6 1/2	2	No	F	3 1/2	Yes				
	HCX 6x9		219.95	150	93	4	50-20 ±3		6 x 9	2	No	F	3 3/8	Yes	Biamp capable. As above.			
	OA8	84.95		100	96	4/8	39-4 ±3	W	8			F	3 3/4	Yes				
	OA10	109.95		120	96	4/8	35-4 ±3	W	10			F	4 1/4	Yes				
	OA12	129.95		150	98	4/8	32-4 ±3	S	12			F	5 1/2	Yes				
	OA15	159.95		200	99	4/8	30-4 ±3	S	15			F	6 3/4	Yes				
	LP8S	149.95		200	96	4/8	32-4 ±3	S	8			F	4 1/4	Yes	With dual 4-ohm voice coils, \$169.95.			
	ProSeries II LP10S	164.95		250	96	4/8	29-4 ±3	S	10			F	4 3/4	Yes	As above but \$184.95.			
	ProSeries II LP12S	224.95		350	98	4/8	25-4 ±3	S	12			F	5 3/4	Yes	As above but \$234.95.			
	ProSeries II LP15S	279.95		500	98	4/8	22-4 ±3	S	15			F	6 3/4	Yes	As above but \$299.95.			
	ProSeries II LXR 8	59.95		80	95	4	20-5 ±3	W	8			F	3 1/2	Yes				
	LXR 10	69.95		100	96	4	20-5 ±3	W	10			F	4 1/2	Yes				
	LXR 12	86.95		120	97	4	20-5 ±3	W	12			F	5 1/2	Yes				
	LXR 15	119.95		150	98	4	20-5 ±3	W	15			F	6 1/2	Yes				
	MWS 6.5		134.95	150	98	4	50-4 ±3	W	6 1/2			F	3 1/2	Yes				
	XR HB 8	204.95		80	95	4	20-20 ±3		8		A	S	S	No	Carpeted box enclosure.			
	XR SP 10		292.95	100	95	4	20-20 ±3		10	2	A	S	S	No	As above.			
	XR HB 10	282.95		100	96	4	20-20 ±3		10	2	A	S	S	No	As above.			
	XR HB 12	324.95		120	96	4	20-20 ±3		12	2	A	S	S	No	As above.			
	HF 6800	389.95		150	96	4	20-20 ±3		10	3	A	S	S	No	As above.			
	HF 7500	424.95		200	98	4	30-20 ±3		12	3	A	S	S	No	As above.			
	MT 3100		389.95	150	96	4	30-20 ±3		10	3	P	S	S	No	As above.			
MT 3300		459.95	200	98	4	30-20 ±3		12	3	P	S	S	No	As above.				
HM-1	159.95		150	99	4	30-150 Hz ±3	S	6 1/2	3		S	S	No	Carpeted bandpass enclosure.				
HM-2	249.95		200	100	8	30-150 Hz ±3	S	10			S	S	No	As above.				
L.A. SOUND	LS TFA8	69.00		100	89	4	38-2	S	8			F	3 3/4	No				
	LS TFA10	99.00		200	89	4	32-1.8	S	10			F	4 1/4	No				
	LS TFA12	119.00		250	90	4	25-1.2	S	12			F	5 1/2	No				
	LS T1		89.00	40†	90	4	3.5k-23k	T				F		No	†Watts rms.			
	LS P6	39.00		50	90	4	50-3	W	6			F	2 7/8	No				
	LS P8	59.00		80	90	4	45-2.5	W	8			F	3	No				
	LS P10	69.00		100	91	4	38-2	W	10			F	4	No				
	LS P12S	79.00		120	95	4	30-2	W	12			F	4 1/2	No				
	LS P12	109.00		160	94	4	30-2	W	12			F	4 3/4	No				
	LS 800	299.00		150		†	38-150 Hz	S	(2)8		No	F		No	†2, 4, or 8 ohms. Bandpass enclosure.			
	LS 1000	299.00		150		†	30-145 Hz	S	(2)10		No	F		No	†As above. Bandpass enclosure.			
	LX 8/HB	179.00		100	92	4	50-18 ±3		8	2		S	S	No	Box enclosure; for hatchbacks.			
	LX 8/2		149.00	100	92	4	50-18		8	2		S	S	No	Box enclosure; for trucks.			
	LX 10/HB	249.00		150	92	4	40-18 ±3		10	2		S	S	No	Box enclosure; for hatchbacks.			
	LX 10/2	179.00		150	92	4	40-18		10	2		S	S	No	Box enclosure; for trucks.			
	LS 4CF	119.00		50	89	4	60-7	M				F	2 1/2	No				
	LS 5CF	149.00		50	90	4	50-6	M				F	2 1/2	No				
	LS T2	79.00		40†	90	4	3.5k-23k	T				F		No	†Watts rms.			
	LS TW15	25.00		40†	92	4	3k-19.5k	T				F		No	†As above.			
	LS TW17	45.00		40†	91	4	3k-21k	T				F		No	†As above.			
	LS 600T	299.00		120†		††	40-160 Hz	S	(2)6		No	S	S	No	†As above. ††2, 4, or 8 ohms. Bandpass enclosure.			
	LS 600	299.00		120†		††	40-160 Hz	S	(2)6		No	S	S	No	†Watts rms. ††2, 4, or 8 ohms. Bandpass enclosure.			
	LS 6903H	99.00		100	93	4	50-26		6 x 9	3	No	F	3 3/8	Yes				
	LS 6902H	89.00		100	92	4	55-21		6 x 9	2	No	F	4 1/8	Yes				
	LS 6002H	69.00		60	91	4	70-20		6 1/2	2	No	F	2	Yes				
	LS 5002H	59.00		60	91	4	80-20		5 1/4	2	No	F	1 1/8	Yes				
	LS 4002H	49.00		50	90	4	90-20		4	2	No	F	1 3/4	Yes				
	LS 4001H	39.00		50	90	4	90-18		4	W	No	F	1 3/4	Yes				
	LS 3001HR	29.00		20	90	4	100-18		3 1/2	W	No	F	1 3/8	Yes	Replacement for 4 x 6-inch speakers.			
	LS 693	49.00		100	91	4	70-20		6 x 9	3	No	F	3 3/8	No				
	LS 692	39.00		50	91	4	70-20		6 x 9	2	No	F	3 3/8	No				
	LS 602	34.00		50	91	4	90-20		6 1/2	2	No	F	2	No				
	LS 601	24.00		30	91	4	90-20		6 1/2	W	No	F	2	No				
	LS 401	19.00		25	89	4	100-20		4	W	No	F	1 1/2	No				
	LS FA15	199.00		250	88	4	20-1	S	15			F	7	No	Vented pole piece.			
LS FA12	169.00		250	91	4	21-1.5	S	12			F	6 1/2	No	As above.				
LS FA10	109.00		150	95	4	36-2.5	W	10			F	5 1/2	No	As above.				
LS FA8	99.00		100	95	4	35-3	W	8			F	5	No	As above.				
LS 15AS	159.00		200	89	4	24-1	S	15			F	7	No	As above.				
LS 12AS	129.00		200	91	4	24-1.5	S	12			F	6 1/2	No	As above.				
LS 10AS	89.00		80	91	4	43-2.5	W	10			F	5 1/2	No	As above.				
LS 8AS	69.00		80	96	4	56-3	W	8			F	5	No	As above.				
LS 6AS	59.00		60	97	4	44-3	W	6 1/2			F	5	No	As above.				
LS 5AS	59.00		50	84	4	80-4	W	5 1/4			F	4	No	As above.				
LS 4AS	78.00		50	89	4	80-6	M				F	4	No	As above.				
LS 1AS	58.00		100	91	4	4k-20k	T				F	1 3/4	No					
LAZER	LA 848	70.00		100	94	4	38-3.5	W	8			F	4	No	For ported enclosure.			
	LA 1048	90.00		100	95	4	33-4	W	10			F	5	No	As above.			
	LA 1248	110.00		100	95	4	32-4.4	W	12			F	5	No	As above.			
	LA 1548	139.00		110	94	4	30-3.8	W	15			F	6	No	As above.			
	LA 18110	340.00		230	99	8	28-3	W	18			F	6	No	As above.			
	LA 870	110.00		170	97	4	35-3.2	W	8			F	5	No	As above.			
	LA 1070	130.00		170	96	4	30-4	W	10			F	5	No	As above.			
	LA 1270	150.00		170	97	4	26-3.9	W	12			F	6	No	As above.			
	LA 1570	170.00		170	95	4	24-3.7	W	15			F	6	No	As above.			
LA 1870	260.00		170	98	8	30-3	W	18			F	6	No	As above.				

SPEAKERS

MANUFACTURER	Model	DRIVERS										Notes				
		Price, \$ (If Sold Individually)	Price, \$ (If Sold in Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeter(s) = A, Pointable Tweeter(s) = P		Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, Inches	Weatherproofed?
MASS ENGINEERING (Continued)	ESL-3.5	910.00	200	89	4	1k-32k	†						1/2		†Midrange, tweeter, or both. Four electrostatic panels with high-voltage supply.	
	ESL-4.5	910.00	200	89	4	800-32	†						1/2		As above.	
	ESL-5.5	910.00	200	89	4	500-32	†						1/2		As above.	
MB QUART	Discus QM 1013KX	169.00	50	90	4	49-20		5 1/4			Yes	F, S	2 1/8	Yes		
	Discus QM 1016KX	189.00	60	90	4	45-20		6 1/2			Yes	F, S	2 1/2	Yes		
	Discus 2013CX	199.00	50	90	4	49-20		5 1/4		Yes	F, S	2 1/8	Yes			
	Discus 2016CX	219.00	60	90	4	40-20		6 1/2		Yes	F, S	2 1/2	Yes			
	Discus QM 3016CX	349.00	70	90	4	40-20		6 1/2		Yes	F, S	2 1/2	Yes			
	QM 130.01KX	259.00	50	90	4	49-32		5 1/4		Yes	F, S	2 3/8	Yes			
	QM 160.01KX	289.00	70	90	4	40-32		6 1/2		Yes	F, S	2 1/2	Yes			
	QM 210.01KX	499.00	90	90	4	35-32		8		Yes	F, S	3 1/4	Yes			
	QM 100.20KN-S	229.00	40	90	4	62-32		4		Yes	F, S	2	Yes			
	QM 100.21KN-R	229.00	40	90	4	62-32		4		Yes	F, S	2	Yes			
	QM 130.20KN-S	259.00	50	90	4	49-32		5 1/4		Yes	F, S	2 3/8	Yes			
	QM 160.20KN-S	289.00	70	90	4	38-32		6 1/2		Yes	F, S	2 3/8	Yes			
	QM 19.01HX	149.00	80	90	4	3k-32k	T				F, S	3/4	Yes			
	QM 19.02NX	199.00	60	90	4	3.5k-32k	T				F, S	3/4	Yes			
	QM 25.01HX	299.00	100	90	4	2.6k-32k	T				F, S	3/8	Yes			
	QM 250.90SUB	220	4			26-200 Hz	S	10			F, S	4 3/4	Yes			
	QM 160.90SUB	259.00	130	8		38-3.5	S	8			F, S	3	Yes			
	QM 200.90SUB	279.00	150	8		35-1	S	8			F, S	3 1/2	Yes			
	QM 250.91SUB	329.00	220	4		29-200 Hz	S	10			F, S	4 1/4	Yes			
	QM 214.20 Universal	259.00	40	90	4	62-32		4			F, S	2	Yes			
	QM 325.20 BMW	569.00	80	90	4	38-32		4			F, S		Yes			
	QM 215.21 Golf	329.00	50	90	4	49-32		5 1/4			F, S		Yes			
	QM 215.02CX	329.00	50	90	4	49-32		5 1/4			F, S	2 3/8	Yes			
	QM 218.02CX	389.00	70	90	4	40-32		6 1/2			F, S	2 1/2	Yes			
	QM 325.01CX	499.00	50	90	4	49-32		5 1/4		Yes	F, S	2 3/8	Yes			
	QM 328.01CX	549.00	75	90	4	38-32		6 1/4		Yes	F, S	2 1/2	Yes			
	QM 335.01CX	779.00	100	90	4	35-32		8		Yes	F, S	3 1/4	Yes			
QM 218.21 Golf III	399.00	70	90	4	38-32		6		Yes	F, S		Yes				
QM 328.20 Golf III	559.00	70	90	4	38-32		6		Yes	F, S		Yes				
QM 215.22 Passat	329.00	70	90	4	38-32		5 1/4		Yes	F, S		Yes				
QM 100.21KN-R	229.00	40	90	4	62-32		4		Yes	F, S	2	Yes				
QM 160.19 Nautic	309.00	70	90	4	40-32		6 1/2		Yes	F, S	2 1/2	Yes				
QM 218.19 Nautic	399.00	70	90	4	40-32		6 1/2		Yes	F, S	2 1/2	Yes				
McCAULEY SOUND	7018	500.00	1000	500†	98	4/8	22-500 Hz	S	18			F, S	7 3/8	No	†Watts rms. Requires vented enclosure.	
	7015	350.00	700	500†	97	4/8	24-800 Hz	S	15			F, S	5 3/8	No	As above.	
	7012	335.00	670	450†	94	4/8	28-800 Hz	S	12			F, S	4 3/8	No	As above.	
	7010	310.00	620	400†	93	4/8	30-1.2	S	10			F, S	4 3/8	No	As above.	
McINTOSH	MSS 470	370.00		100	87	4	50-22		5 1/4	2	P	Yes	†	2 1/2	Yes	†Flush-mount woofer, surface-mount tweeter.
	MSS 471	400.00		120	89	4	50-22		6 1/2	2	P	Yes	†	2 3/4	Yes	
	MSS 472	450.00		120	89	4	40-22		6 x 9	2	P	Yes	†	3 1/8	Yes	
	MS 467	190.00		300	92	4	35-1	S	8			F	3	Yes		
	MS 468	210.00		350	93	4	30-1	S	10			F	4 1/8	Yes		
	MS 469	300.00		400	94	4	25-1	S	12			F	5 1/2	Yes		
MEI	SK6930	59.95	60	92	4	40-16 ±3		6 x 9	3		No	F	3 1/2	No		
	SK6525	49.95	30	90	4	50-16 ±3		6 1/2	2		No	F	2 7/8	No		
	SK6505	39.95	20	90	4	50-14 ±3		6 1/2	2			F	2 7/8	No		
	SK5405	39.95	20	89	4	55-14 ±3		5 1/4	W			F	1 1/4	No		
	SK4020	39.95	25	88	4	55-18 ±3		4	W			F	1 1/2	No		
	SK4005	29.95	20	88	4	55-14 ±3		4	W			F	1 1/2	No		
	SK3505	24.95	15	89	4	75-14 ±3		3 1/2	W			F	1 1/2	No		
	DS693	129.95	150					6 x 9	3				F	1 1/2	No	
	DS652	79.95	80					6 1/2	2				F	2	No	
	DS542	79.95	60					5 1/4	2				F	2	No	
	DS402	69.95	60					4	2				F	2	No	
	CK102	39.95	75	94	4	5k-20k ±3	T					F, S	5/8	No		
	CK105	49.95	150	94	4	3k-20k ±3	T					F, S	1	No		
	CK1250	99.95	300	93	4	30-400 Hz ±3	S	12	2		No	F, S, F	4 7/8	No	Midrange and tweeter.	
	M & M ELECTRONICS	XM8	99.95	150	96	4	30-1.2 ±3	S	8				S		No	Ported tube enclosure; dual voice-coils.
620-15R-4/8		62.95	200	94	4/8	54-1.4 ±6	W	6				F, S	3	No	For sealed enclosure.	
6920-15R-4/8		66.95	200	95.5	4/8	48-4.6 ±6	W	6 x 9				F, S	3 3/8	No	As above.	
820-15R-4/8		67.95	200	96.9	4/8	32-2.1 ±6	W	8				F, S	3 1/2	No	As above.	
1030-2R-4/8		102.95	300	96	4/8	54-800 Hz ±6	S	10				F, S	4	No	As above.	
1230-2R-4/8		111.95	300	97	4/8	72-400 Hz ±6	S	12				F, S	4 7/8	No	As above.	
1870-25A-4/8		303.95	350	99	4/8	24-3.2 ±6	S	18				F, S	7 1/2	No	As above.	
620-15PR-4/8		66.95	200	94	4/8	54-3.4 ±6	W	6				F, S	3	No	As above.	
6920-15PR-4/8	70.95	200	95.5	4/8	54-4.8 ±6	W	6 x 9				F, S	3 3/8	No	As above.		
820-15PR-4/8	70.95	200	96.9	4/8	32-3 ±6	W	8				F, S	3 1/2	No	As above.		
1030-2PR-4/8	106.95	200	96	4/8	68-800 Hz ±6	S	10				F, S	4	No	As above.		
(Continued)	1230-2PR-4/8	116.95	300	97	4/8	56-3 ±6	S	12				F, S	4 7/8	No	As above.	

SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold in Pairs)	Recommended Maximum Power			Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS					Weatherproofed?	Notes	
				Watts/Channel	Watts/Channel	Watts/Channel				Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeter(s) = A, Pointable Tweeter(s) = P	Separately Mountable Drivers?			Flush Mount (F), Surface Mount (S), Convertible (C), Pole (P)
M & M ELECTRONICS (Continued)	1560-2PR-4/8	152.95		300	99.3	4/8	60-2.6 ±6	S	15				F, S	5 7/8	No	As above.	
	1570-25PR-4/8	207.95		350	96.6	4/8	52-2.4 ±6	S	15				F, S	5 3/4	No	As above.	
	Godfather 6-4/8	72.95		250	95	4/8	48-5.2 ±6	W	6				F, S	3	Yes	As above.	
	Godfather 69-4/8	77.95		250	98.3	4/8	56-3.3 ±6	W	6 x 9				F, S	3 3/8	Yes	As above.	
	Godfather 8-4/8	78.95		250	97	4/8	40-4.6 ±6	W	8				F, S	3 1/2	Yes	As above.	
	Godfather 10-4/8	119.95		320	97.9	4/8	60-900 Hz ±6	S	10				F, S	4	Yes	As above.	
	Godfather 12-4/8	129.95		350	97.6	4/8	56-1 ±6	S	12				F, S	4 7/8	Yes	As above.	
	Godfather 15-4/8	175.95		400	98.5	4/8	32-1.2 ±6	S	15				F, S	5 3/8	Yes	As above.	
	The Rose 10-4/8	187.95				4/8		S	10								As above.
	The Rose 12-4/8	216.95		800	93.2	4/8	48-800 Hz ±6	S	12				F, S	4 7/8	Yes	As above.	
	The Rose 15-4/8	250.95		1.2k	92.1	4/8	36-2.6 ±6	S	15				F, S	6 1/2	Yes	As above.	
	505-1A	22.95		80	96.8	8	544-2.6 ±6	M					F, S	2 1/4	No	Closed-back midrange; Includes crossover.	
	505-1	21.95						M									Closed-back midrange.
	606-1	39.95		120	102	4	128-5 ±6	M					F, S	1 7/8	No		
	Godfather MID	63.95		180	91	4	80-4.9 ±6	M					F, S	2 3/8	No		
PR-45A	19.95		80	87.4	8	1.2k-18.5k ±6	T		P			F, S	1 1/4	No	Includes crossover.		
PR-45	18.95						T										
MONOLITHIC SOUND	W-700	89.00		120	92.5	8	30-2.5 +3,-2	S	7				C	3 3/4			
MOREL ACOUSTICS	MDT-101S		149.00	200	91	6.4	1.8k-25k ±3	T		P		F	1 1/2				
	MDT-107H		149.00	200	95	6.4	1.2k-25k	T		P		F	2				
	MDT-105S		159.00	200	91	6.4	1.5k-25k	T		P		S					
	MDT-106		289.00	200	92	6.4	1.8k-25k ±2	T		P		F	2 1/2				
	MDT-104		127.00	80	90	6.4	2k-20k	T		P		F	1 1/4				
	57.04		119.00	80	89	6	2.5k-25k	T		A		C	5/8				
	57.05		139.00	120	90	6	2.5k-25k	T		A		C	5/8				
	57.06		149.00	160	91	6	2k-25k	T		A		C	1				
	CDM-75		119.00	100	91	4/6	400-5 ±3	M			Yes	F	2 1/4	Yes		Dual voice-colls and magnets.	
	MW-113C		219.00	150	87	4/8	60-6 ±3	W	↑		Yes	F	2 3/8	Yes		†4 5/8 x 2 3/8.	
	MW-114C			150	89	4/8	11-7 ±3	W			Yes	F	2	Yes		†12 x 3 3/4.	
	MW-1275		309.00	250	90	8	20-1.2 ±3	W	↑		Yes	F	3 1/4	Yes		Dual voice-colls and magnets.	
	CW-5		213.00	100	88	4	45-5	W	5			S					
	CW-6		239.00	100	90	4	35-5	W	6			F	2				
	CW-8		269.00	120	91	4	30-3.8	W	8			F	2 1/4				
	CW-10		299.00	150	92	4	30-3.3	W	10			F	2 3/4				
	CW-12		329.00	150	93	4	25-3.3	W	12			F	4 1/4				
	Coax-162		239.00	60	89	4	45-20		6	2	No	F	2 1/4				
	Integra 6		275.00	100	91	4	45-25		6	2	No	F	2 1/4				
	Integra 8		329.00	120	92	4	35-25		8	2	No	F	2 1/4				
	Integra 10		419.00	150	92	4	30-25		10	2	No	F	2 1/4				
CR-7 System		550.00	150		4	40-20 ±3		6	2	No						Wedge-shaped cabinet.	
142-M System		319.00	150	90	4	48-20 ±3				Yes	F	2	Yes				
166-M System		329.00	120	89	4	45-20		6	2	Yes		2 1/4					
226-M System		329.00	150	90	4	35-20		8	2	Yes		2 1/4					
228-M System		499.00	150	90	4	35-20		8	3	Yes		2 1/4					
MTX/BLACK GOLD	BG 44	39.95		70	87	4	88-9.5 ±3	M				F	2 1/8			Eight-ohm version available.	
	BG 54	49.95		100	88	4	71-6 ±3	M				F	2 1/8			As above.	
	BG 64	69.95		120	88	4	57-5 ±3	M				F	3 3/8			As above.	
	BG 84	109.95		100	88	4	30-2.5 ±3	S	8			F	3 1/4			As above.	
	BG 104	129.95		150	87	4	17-2 ±3	S	10			F	4 3/8	No		As above.	
	BG 124	169.95		250	90	4	20-2 ±3	S	12			F	5 1/4			As above.	
	BG 154	199.95		250	90	4	20-1.5 ±3	S	15			F	6 3/8			As above.	
	MTX/BLUE THUNDER	BT60		199.95	80	92	4	70-20		(2)6 1/2	2	No	S		No		Enclosure.
BT80			259.95	100	91	4	66-20		(2)8	2	No	S		No		As above.	
BT100			339.95	150	91	4	58-20		(2)10	3	No	S		No		As above.	
BT120			399.95	175	92	4	54-20		(2)12	3	No	S		No		As above.	
BT100W			379.95	150	92	4	35-20		(2)10	3	No	S		No		As above.	
BT120W			439.95	200	93	4	32-20		(2)12	3	No	S		No		As above.	
BPE80			299.95	150	90	4	45-112 Hz	S	8			S		No		Bandpass enclosure.	
BPE100			339.95	125	89	4	41-110 Hz	S	(2)10			S		No		As above.	
BTT6			239.95	100	90	4	47-1.8	S	(2)6 1/2			S		No		Tube enclosure.	
BTT8			299.95	100	90	4	43-3	S	8			S		No		As above.	
BTT10			379.95	150	90	4	39-2	S	10			S		No		As above.	
BTT16			49.95	100	92.5	6	5k-20k	T				F	1 1/8	No			
BTT1F			119.95	50	91	4	3.5k-20k	T			P	F, S		No		Includes crossover.	
BTM44			59.95	70	88	4	58-5	M				F	2 1/8	No			
BTM54			69.95	100	88	4	52-5.1	M				F	2 3/8	No			
FRCS			47.95	100	91.5	8	800-4	M				F	2	No		Center-channel speaker.	
BTM64			89.95	120	88	4	35-3	W	6 1/2			F	3 3/8	No			
BTW84			79.95	70	85	4	28-2.5	S	8			F	3 3/4	No		Eight-ohm version available.	
BTW104			99.95	100	88	4	24-2.1	S	10			F	4 3/8	No		As above.	
BTW124			119.95	150	87	4	18-2	S	12			F	5 1/8	No		As above.	
BTW154		139.95	200	90	4	18-1.5	S	15			F	6 1/2	No		As above.		
BT4S		189.95	40	89	4	58-20					F, S						
BT5S		219.95	60	89	4	52-20					F, S						
BT6S		259.95	75	90	4	35-20		6 1/2			F, S						

SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold in Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±0dB	DRIVERS										Notes
								Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeter(s) = A, Pointable Tweeter(s) = P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, Inches	Weatherproofed?			
MTX/COAXIALS	3501		49.95	30	92	4	130-19		3 1/2	W				F	1 1/2	No		
	4002		89.95	45	91	4	60-20		4	W			F	1 7/8	No			
	4602		119.95	45	95	4	60-20		4 x 6	W		No	F	1 3/8	No			
	5202		99.95	60	94	4	45-20		5 1/4	W		No	F	2	No			
	6502		109.95	75	95	4	40-20		6 1/2	W		No	F	1 3/4	No			
	6902		149.95	120	96	4	35-19		6 x 9	W		No	F	3	No			
	6903		179.95	150	96	4	32-20		6 x 9	W		No	F	3 1/8	No			
MTX/ELIMINATOR	ESW84	69.95		100	90	4	60-4	S	8				F	3 1/8	No	Eight-ohm version available with response from 46 Hz to 3.4 kHz. Eight-ohm version available.		
	ESW104	89.95		150	91	4	27-4	S	10				F	4 5/8	No	As above.		
	ESW124	99.95		150	91.5	4	27-2.1	S	12				F	5 1/8	No	As above.		
	ESW154	119.95		150	93	4	22-1.8	S	15				F	6 1/4	No	As above.		
MTX/ROAD THUNDER PRO	PRO10	299.95		175	99	4	48-22		10	2			S			Wedge enclosure. As above.		
	PRO12	399.95		200	100	4	40-22		12	3			S			As above.		
	PRO15	499.95		250	100	4	42-22		15	3			S			As above.		
	RTP4S		199.95	70	88	4	75-20		4				F, S					
	RTP5S		219.95	100	88	4	57-20		5 1/4				F, S					
	RTP6S		259.95	120	89	4	47-20		6 1/2				F, S					
	MNT1 F		99.95	50	91	4	3.5k-20k	T			P		F, S		No	Includes crossover.		
	RTP16	39.95		75	92.5	6	5k-20k	T					F	1 1/8	No			
	RTP34	29.95		30	90	4	140-7.3	M					F	1 5/8	No			
	RTP44	39.95		70	88	4	75-5	M					F	2 1/4	No	Eight-ohm version available.		
	RTP462	59.95		30	89	4	100-20			2		No	P	1 1/2	No	4 x 6-inch plate; for GM vehicles.		
	RTP54	39.95		100	88	4	57-5	M					F	2 5/8	No	Eight-ohm version available.		
	RTP64	59.95		120	89	4	47-3	W	6 1/2				F	3 3/8	No	As above.		
	RTP84	79.95		150	91	4	40-3	S	8				F	3 3/8	No	As above.		
	RTP104	99.95		175	93	4	34-3	S	10				F	4 3/8	No	As above.		
RTP124	119.95		200	94	4	26-3	S	12				F	5 1/2	No	As above.			
RTP154	139.95		250	93	4	22-1.8	S	15				F	6 1/8	No	As above.			
MTX/ROAD THUNDER TWO	SBX6		139.95	80	91	4	110-22		(2)6 1/2	2		No	S		No	Enclosure.		
	SBX8		159.95	200	95	4	60-22		(2)8	2		No	S		No	As above.		
	SBX10		299.95	300	99	4	52-22		(2)10	3		No	S		No	As above.		
	HBX8	199.95		200	97	4	53-22		(2)8	2		No	S		No	As above.		
	HBX10	259.95		300	98	4	50-22		(2)10	2		No	S		No	As above.		
	HBX12	339.95		400	99	4	40-22		(2)12	2		No	S		No	As above.		
	HBX15	399.95		500	99	4	40-22		(2)15			No	S		No	As above.		
	BPX6	199.95		70	89	4	61-300 Hz	S	(2)6			No	S		No	Bandpass enclosure.		
	BPX8	259.95		100	91	4	50-300 Hz	S	(2)8			No	S		No	As above.		
	BPX8M	249.95		200	91	4	50-300 Hz	S	(2)8			No	S		No	Enclosure; mono for bridged applications.		
	BPX10	299.95		125	94	4	40-300 Hz	S	(2)10			No	S		No	Bandpass enclosure.		
	BPX10M	299.95		250	94	4	40-300 Hz	S	(2)10			No	S		No	Enclosure; mono for bridged applications.		
	STX60		199.95	80	89	4	50-2.2		(2)6 1/2			No	S		No	Tube enclosure.		
	STX80		259.95	100	91	4	46-3	S	(2)8			No	S		No	As above.		
	CFX12	259.95		200	92	4	39-22		(2)12	2		No	P		No	For Camaros and Firebirds.		
	CFX15	319.95		300	92	4	34-22		(2)15	2		No	P		No	As above.		
	RT25	15.95		75	92	4	3.8k-40k	T					F	2 1/8	No			
	RT3	11.95		75	92	4	3.8k-27k	T					F	2 1/8	No			
	RTT1	19.95		70	91	6	5k-20k	T					F	3/4	No			
	QT2		9.95	30	91	4	5k-20k	T					S		No	Includes crossover.		
	RT234	19.95		30	89	4	180-7.6	M					F	1 5/8	No			
	RT244	29.95		40	88	4	70-5	M					F	2 1/8	No			
RT246	39.95		30	86	4	180-20		4	2		No	P	2 1/8	No	4 x 6-inch plate; for GM vehicles.			
RT254	29.95		50	89	4	60-6.5	M					F	2 5/8	No				
RT264	39.95		70	88	4	47-3.5	W	6 1/2				F	3 5/8	No				
RT284	59.95		100	89	4	37-3	S	8				F	3 3/4	No				
RT2104	69.95		125	92	4	28-2.8	S	10				F	4 1/2	No	Eight-ohm version available.			
RT2124	79.95		125	92	4	20-2.2	S	12				F	5	No	As above.			
RT2154	89.95		150	89	4	21-1.8	S	15				F	6 1/4	No	As above.			
RT24S		139.95	40	88	4	70-20			2		Yes	F	2 1/8	No				
RT25S		159.95	50	89	4	60-20			2		Yes	F	2 3/8	No				
RT26S		179.95	70	88	4	47-20			2			F	3 1/8	No				
MTX/TERMINATOR	XS88	60.00		100	91	8	41-3	S	8				F	3 3/4	No			
	XS108	70.00		125	92	8	26-3.5	S	10				F	4 1/2	No			
	XS128	80.00		125	92	8	24-2	S	12				F	5	No	Enclosure.		
	T62		140.00	80	91	4	110-22			2		No	S		No	As above.		
	T82		160.00	200	95	4	60-22		(2)8	2		No	S		No	As above.		
	T103		300.00	300	99	4	55-22		(2)10	3		No	S		No	As above.		
MUSCLE MAGNET	UES-32	60.00	120.00	175	95	8	25-3	W	10				F	4		For sealed enclosure.		
	UES-53	45.00	90.00	120	94	8	50-5	W	10				F	4		As above.		
	UES-72	125.00	250.00	400	98	8	40-4.5	W	12				F	5 1/2		As above.		
	UES-746	80.00	160.00	175	97	8	52-5	W	12				F	5 1/2		As above.		
	UES-10	160.00	320.00	400	95	8	30-4	W	15				F	6 1/2		As above.		
	UES-2	110.00	220.00	250	98	8	30-4	W	15				F	6 1/2		As above.		
	UES-89	190.00	380.00	400	95	8	26-3.5	W	18				F	7		As above.		
NAKAMICHI	SP-40		130.00	40	88	4	75-20		4	W			F	1 1/8	Yes			
	SP-65C		330.00	80	86	4	45-22		6 1/2	W	2	†	F	2 5/8	Yes	†Optional angle mount, Model MK-1.		
	SP-80		300.00	160	92	4	30-1	W	7 1/8				F	3 1/8	Yes	††Detachable tweeter.		
SP-1010	230.00		200	90	4	25-4	W	9 1/8				F	4 1/8	Yes				

SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold In Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS							Weatherproof?	Notes	
								Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeters (A)	Pointable Tweeters (P)	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)			Maximum Required Mounting Depth, In. Inches
N.E.A.R.	AES-1.1	159.00		100	90	4	65-16 ±3		5 1/4					S		Yes	Box enclosure. As above. As above.
	AES-1.2	179.00		100	90	4	65-20 ±3							S		Yes	
	AES-1.4	199.00		150	91	4	55-23							S		Yes	
	CS-2.2	74.95		50	90	8	2k-25k							F		Yes	
	CS-4.0	89.95		100	94	8	200-4	T						F		Yes	
	CS-5.25	99.00		100	90	4	48-10	M	5 1/4					F		Yes	
CS-8.25	189.95		150	91	8	26-4	W	8					F		Yes		
NXS	NS-11	74.95	80	93	4	4k-20k ±3	T							F	7/8	No	
	NS-18	79.95	50	93	4	3k-22k ±3	T							F		No	
	NS-121	99.00	40	100	4	2.5k-22k ±3	T							S		No	
	NS-40	79.95	50	95	4	100-6 ±3	M							F	2 1/8	No	
	NS-52	89.95	50	95	4	70-6 ±3	M							F	2 3/8	No	
	NS-51	79.95	90	92	4	300-8 ±3	M							F	2 1/8	No	
	NS-62	69.95	120	91	4	40-6 ±3	W							F	3	No	
	NS-82	79.95	140	94	4	30-6 ±3	W							F	3 1/2	No	
	NS-83	99.95	160	94	4	30-6 ±3	W							F	3 1/2	No	
	NS-104	129.95	170	95	4	25-4 ±3	F							F	4 1/8	No	
	NS-124	149.95	180	96	4	20-3 ±3	S							F	4 3/4	No	
	NS-154	179.95	180	97	4	20-3 ±3	S							F	5 1/8	No	
	NS-104D	149.95	170	93	4	22-3 ±3	S							F	4 1/8	No	
	NS-124D	169.95	180	94	4	20-2 ±3	S							F	4 3/4	No	
	NS-154D	189.95	180	94	4	20-2 ±3	S							F	5 1/8	No	
OPTIMUS	12-1728	139.99		100		4	45-20		8	2	P	No	S		Yes	Box enclosure; for hatchbacks. Box enclosure; for trucks or vans. Box enclosure.	
	12-1727		119.99	100		4	45-20		8	2	P	No	S		No		
	12-1725		49.99	30	90	4	150-20		3 3/8	3	P	No	S		No		
	12-1724		29.99	15	90	4	180-20		3	3	P	No	S		No		
	12-1722		59.99	60		4	40-20		6 x 9	2	P	No	S		No		
	12-1726	99.99	Inc.	4		4	30-250 Hz	S	8					F	3 3/4		Yes
ORION	XTR4CS		205.00	80	90.5	4	80-20		3 3/8	2				F	2 1/2		
	XTR5CS		219.00	100	89.7	4	69-20		4 3/4	2				F	3		
	XTR6CS		250.00	120	91.8	4	53-20		3 3/8	2				F	2 1/2		
	XTR1ND		235.00	100	90.5	8	3k-20k	T						F, S	1		
	XTR4G		165.00	80	88.9	4	90-5	M						F	2 1/8		
	XTR5G		195.00	100	89.5	4	94-4.5	M						F, S	2 1/4		
	XTR6G		245.00	150	90.3	4	90-4	M						F, S	3 1/4		
	XTR6.5MB	119.00	200	91.2	4	75-3	W	6						F	2 3/8		
	XTR8MB	144.00	250	91.7	4	75-3	W	8						F	2 3/8		
	XTR1s	42.00	84.00	100	89	8	2.1k-20k	T						F	3/4	No	
	XTR8DVC	129.00		400	↑	↑	36-2	W	8					F	4	No	
	XTR10	156.00		800	90.2	4	41-1.5	W	10					F	4 5/8	No	
	XTR10DVC	159.00		800	↑	↑	39-1.5	W	10					F	4 7/8	No	
	XTR12	185.00		800	92.5	4	29-1.4	W	12					F	5 5/8	No	
	XTR12DVC	199.00		800	↑	↑	27-1.4	W	12					F	5 5/8	No	
	XTR15	225.00		800	94	4	34-1	W	15					F	6 3/4	No	
	XTR15DVC	245.00		800	↑	↑	29-1	W	15					F	6 3/4	No	
	XTR8IB	135.00		200	92.1	4	45-2	W	8					F	4	No	
	XTR8IBDVC	145.00		200	↑	↑	40-2	W	8					F	4	No	
	XTR10IB	165.00		200	92.6	4	43-1.5	W	10					F	4 5/8	No	
	XTR10IBDVC	169.00		200	↑	↑	42-1.5	W	10					F	4 5/8	No	
	XTR12IB	199.00		200	93.5	4	34-1.4	W	12					F	5 3/8	No	
	XTR12IBDVC	209.00		200	↑	↑	32-1.4	W	12					F	5 5/8	No	
	SXT8SVC	209.00		500	88.8	4	25-1.5	W	8					F	3 3/4		
	SXT10SVC	235.00		1k	90.2	4	25-1	W	10					F	4		
	SXT12SVC	265.00		1k	91.8	4	28-300 Hz	W	12					F	4 3/4		
	SXT15SVC	345.00		1k	93.7	4	24-600 Hz	W	15					F	6		
	C01ND	159.00		100	90.5	4	3k-20k	T						F	3/8		
	C04ND	259.00		80	90.4	4	90-20				2			F	1 3/4		
	C05ND	279.00		80	90.7	4	70-20				2			F	2 1/4		
C06ND	309.00		100	92.3	4	55-20				2			F	3			
C06.5	95.00		200	88.2	4	44-2.5	W	6 1/2					F	3 1/2	No		
C08SVC	105.00		200	91.6	4	40-2	W	8					F	4	No		
C08DVC	110.00		200	↑	↑	38-2	W	8					F	4	No		
C010SVC	125.00		400	90.8	4	36-1.5	W	10					F	4 5/8	No		
C010DVC	130.00		400	↑	↑	35-1.5	W	10					F	4 5/8	No		
C012SVC	137.00		400	91.2	4	30-1.4	W	12					F	5 5/8	No		
C012DVC	145.00		400	↑	↑	27-1.4	W	12					F	5 5/8	No		
C015SVC	179.00		400	94	4	33-1	W	15					F	6 3/4	No		
C015DVC	195.00		400	↑	↑	29.5-1	W	15					F	6 3/4	No		
OWI	M-4F	49.00	98.00	30	90	4	70-18 ±3		4					F	1	Yes	For vans and trucks. As above. As above.
	M-5CX	74.00	148.00	40	94	4	50-20 ±3		5 1/4	2	No			F	1 1/2	Yes	
	202		159.00	80	92	8	90-20							S		Yes	
	203		179.00	100	92	8	90-20							S		Yes	
	2301		299.00	60	90	6	65-20							S	1 3/4	Yes	
OZ AUDIO	Oz-25		298.00	50	91	4	1.1k-20k ±1.5	T			P			C	3/4	Yes	
	Oz-100	169.00	60	89	4	80-6.5 ±1.5	M							F	1 3/4	Yes	
	Oz-130	195.00	80	91	4	60-5 ±2	W	5 1/4						F	2 5/8	Yes	
	Oz-180	220.00	100	90	4	35-5 ±2	W	6 1/2						F	3 1/2	Yes	
	Oz-200H	159.00	120	92	4	45-2 ±2	W	8						F	3 1/2	Yes	
	Oz-200L	129.00	120	92	4	25-2 ±2	W	8						F	3 1/2	Yes	
	Oz-250H	190.00	150	92	4	35-1.2 ±2	S	10						F	4 1/4	Yes	

(Continued)

SPEAKERS

MANUFACTURER	Model	DRIVERS														Notes
		Price, \$ (If Sold Individually)	Price, \$ (If Sold In Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	Subwoofer Only (S) Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4), Pointable Tweeter (P), Angled Tweeter (A), Portable Tweeter (P) = A, Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, Inches	Weatherproofed?			
OZ AUDIO (Continued)	Oz-250L	190.00		150	92	4	18-1.2 ±2	S	10				F	4 1/4	Yes	
	Oz-300H	249.00		180	92	4	32-1 ±2	S	12				F	5	Yes	
	Oz-300L	249.00		180	92	4	18-1 ±2	S	12				F	5	Yes	
PANASONIC	EAB-ST11		68.00	120	88	4	5k-25k	T			A		S		No	†Supertweeter.
	EAB-ST21		110.00	120	86.5	4	2k-25k	T			P		F		No	
	EAB-ST31		160.00	150	89	4	2k-25k	T			P		F		No	
	EAB-W250	140.00		300	89	4	35-3	T	10				F	4 3/8	No	
	EAB-W300	170.00		300	89	4	25-1	S	12				F	4 7/8	No	
	EAB-HS55		150.00	100	86.5	4	50-25		5 1/4	2	A	Yes	F	1 1/8	Yes	
	EAB-HS65		150.00	120	89	4	50-25		6 1/2	2	A	Yes	F	1 7/8	Yes	
	EAB-E55		269.00	150	86.5	4	50-25		5 1/4	2	A	Yes	F	2	Yes	
	EAB-E66		289.00	150	89	4	40-25		5 1/2	2	A	Yes	F	2 1/8	Yes	
	EAB-E99		329.00	200	90	4	35-25		6 x 9	3	P	No	F	2 3/8	Yes	
	EAB-RV5		399.00	150	87.5	4	50-30		5 1/4	2	A	Yes	F	1 3/8	Yes	
	EAB-RV6		429.00	150	89	4	40-3		6 1/2	2	A	Yes	F	1 1/2	Yes	
	EAB-A63		60.00	60	92	4	40-20		6 1/2	2		No	F	1 7/8	Yes	
	EAB-A45		59.00	40	91	4	50-22 +0, -10		4	W	A		F	1 3/4	Yes	
	EAB-A43		45.00	40	91	4	50-20 +0, -10		4	2		No	F	1 3/4	Yes	
	EAB-M10		130.00	150	90	4	500-10 +0, -10	M					F	1 7/8		
	EAB-W16		160.00	150	89	4	40-7 +0, -10	W	6 1/2				F	1		
	EAB-820	80.00		45	82	4	400-10 +0, -10	M					F			Center-channel speaker.
	EAB-H98		195.00	200	94	4	30-22		6 x 9	3	A		F	3	Yes	
	EAB-H97		145.00	120	94	4	30-22		6 x 9	3	A		F	3	Yes	
	EAB-H95		109.00	100	93	4	40-20		6 x 9	2	A		F	2 3/4	Yes	
EAB-H93		85.00	80	93	4	40-20		6 x 9	2	A		F	2 3/4	Yes		
EAB-S33		45.00	40	90	4	100-20		3 1/2	W			F	1 3/8			
EAB-051A		45.00	40	93	4	50-15		5				F	1 3/4			
EAB-T501		56.00	40	89	4	50-16 ±3		5	W			F	3 1/8	Yes		
EAB-T651		99.00	50	92	4	40-22 ±3		6 1/2	2	A	No	F	1 1/2	Yes		
EAB-466		69.00	50	90	4	60-22 ±3		4 x 6	2		No	F	1 3/8	Yes		
EAB-0552		79.00	60	91	4	40-22		5 1/4	2		No	F	1 3/8	Yes		
PETRAS	SMT-2	129.99	80	95	4	4k-22k ±3	T			A		C	1/2	Yes	Includes crossover.	
	SMT-3	59.99	60	95	4	5k-25k ±3	T			A		C	1/4	Yes	As above.	
	GC-44	89.99	100	92	4	70-8 ±3	M					F	2 1/4	Yes		
	GC-54	99.99	100	92	4	50-5 ±3	M					F	2 3/8	Yes		
	GP-48	34.99	100	88	8	80-8 ±3	M					F	2	Yes		
	4KH	199.99	120	95	4	250-25 ±3		4	2	A	Yes	C	2 1/4	Yes		
	4KN	249.99	120	95	4	250-22 ±3		4	2	A	Yes	C	2 1/4	Yes		
	5KH	219.99	120	95	4	150-25 ±3		5 1/4	2	A	Yes	C	2 3/8	Yes		
	5KN	269.99	120	95	4	150-22 ±3		5 1/4	2	A	Yes	C	2 3/8	Yes		
	GA64/68	74.99	150	91	4/8	40-3 ±3	M					F	2 1/2			
	GA84/88	84.99	150	93	4/8	35-3 ±3	W	8				F	3 1/2		For box enclosure.	
	CX104/108	89.99	150	93	4/8	25-2 ±3	S	10				F	4 1/8		As above.	
	CX124/128	99.99	150	93	4/8	25-2 ±3	S	12				F	5		As above.	
	CX154	124.99	250	95	4	20-1 ±3	S	15				F	5 1/8		As above.	
	HX104	99.99	300	93	4	30-1 ±3	S	10				F	4 3/8		As above; with dual 4-ohm voice-coils, \$109.99.	
	HX124	119.99	300	93	4	24-1 ±3	S	12				F	5 1/8		As above but \$129.99.	
	HX154	139.99	300	94	4	20-1 ±3	S	15				F	5 7/8		As above but \$149.99.	
	HX184/188	299.99	500	98	4/8	15-500 Hz ±3	S	18				F	7 1/2		For box enclosure.	
	PG64/68	84.99	150	91	4/8	40-3 ±3	M					F	2 1/2		As above.	
	PG84/88	94.99	150	93	4/8	35-3 ±3	M					F	3 1/2		As above.	
	PR104	139.99	400	94	4	28-1 ±3	S	10				F	4 1/2		As above; with dual 4-ohm voice-coils, \$144.99.	
PR124	149.99	400	94	4	24-1 ±3	S	12				F	5 1/4		As above but \$154.99.		
PZ124/128	179.99	400	95	4/8	24-1 ±3	S	12				F	5 1/2		For box enclosure.		
PZ154/158	199.99	400	96	4/8	20-1 ±3	S	15				F	5 7/8		As above.		
PZ184/188	314.99	500	99	4/8	15-500 Hz ±3	S	18				F	7 1/2		As above.		
PHASE LINEAR	PL1352		60.00	70	88	4	110-22 ±3		3 1/2	W		F	1 1/2	No		
	PL2520		149.00	90	88	4	64-20 ±3		5 1/4	2		F	1 3/4	No		
	PL4001		89.00	70	88	4	65-22		4	W		F	1 3/4	No		
	PL4602		129.00	80	91	4	65-22		4	2		P	1 3/4	No	4 x 6-inch plate.	
	PL6502		169.00	120	90	4	55-21		6 1/2	2		F	1 7/8	No		
	PL6903		199.00	180	90	4	34-21		6 x 9	3		F	3	No		
	PLC400/48		99.00	75	†	4/8	65-8 ±3	M				F	1 3/4	Yes	†Dual voice-coils: 89 dB at 4 ohms, 87 dB at 8 ohms.	
	PLC525/48		119.00	120	†	4/8	58-6.5 ±3	M				F	2 1/8	Yes	†As above.	
	PLS900/48	99.00		200	†	4/8	25-3 ±3	S	8			F	4 1/4	Yes	†As above but 88 and 86 dB.	
	PLS1000/48	129.00		250	†	4/8	20-2.5 ±3	S	10			F	4 7/8	Yes	†As above but 90 and 88 dB.	
PLS1200/48	169.00		330	†	4/8	20-3.5 ±3	S	12			F	5 7/8	Yes	†As above but 92 and 90 dB.		
PT75		150.00	150	90		4k-32k ±3	T			P		C	1 3/8	Yes		
PT100		140.00	150	90	4	4k-20k	T			P		C, P	1 3/8	Yes		
PHILIPS	GTP 623	110.00	60	91	4	45-22		6 1/2	2		No	F	1 3/8			
	GTP 523	90.00	50	91	4	50-22		5 1/4	2		No	F	1 3/8			
	GTP 423	80.00	40	91	4	70-22		4	2		No	F	1 3/8			
	GTP 613	80.00	60	91	4	45-20		6 1/2	W			F	1 3/8			
	GTP 513	70.00	50	90	4	50-27		5 1/4	W			F	1 3/8			

SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold In Pairs)	Recommended Maximum Power			Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS						Weatherproofed?	Notes
				Watts/Channel	Watts/Channel	Watts/Channel				Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeter(s) = A, Pivotal Tweeter(s) = P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)		
PHILIPS (Continued)	GTP 413	149.95	50.00	40	92	4	70-20		4					F	1 1/8	Requires enclosure. As above.	
	PXS 100			375	93	4	20-900 Hz ±3	S	10	W					F		4 3/8
	PXS 120	189.95		400	94	4	25-900 Hz ±3	S	12					F	6 1/4		
	PRS 002			150.00	120	91	4	5k-25k	T						F		1 3/4
	GTM 420	100.00	80	90	4	45-25				2			F	2			
	GTM 520	130.00	100	90	4	45-25				2			F	2 3/8			
	GTM 620	150.00	100	90	4	30-25				2			F	2 3/4			
	GTM 630	170.00	120	91	4	30-25				3			F	3 3/8			
	GTM 830	200.00	200	91	4	28-25				3			F	3 1/4			
	GTM 639	220.00	200	91	4	28-25				3			F, S	3			
	PRS 502	320.00	80	87	4	40-25				2	Yes		F, S	3 1/2			
	PRS 602	370.00	150	88	4	34-25				2	Yes		F, S	3 3/4			
PRS 802	400.00	200	89	4	30-25				2	Yes		F, S	3 3/4				
PHILLIPS SOUND LABS	PSL1270	79.98		300	95	4		W	12				S		No	Box enclosure. As above. As above.	
	PSL1050	74.98		240	94	4		W	10				S		No		
	PSL840	69.98		200	94	4		W	8				S		No		
	PSL101		59.98	40	90	4		T			A/P		C		No		
	PSL102		84.98	50	90	4		T			A/P		C		No		
PHOENIX GOLD	ZPM160	85.00		200.00	180	91	4	40-4	W	6 1/2				F	3	For 0.17-cubic-foot sealed enclosure or 0.5-cubic-foot ported enclosure. As above but 0.3 and 1 cubic foot. As above but 0.75 and 1.7 cubic feet.	
	ZPM130			180.00	150	90	4	50-5	W	5 1/4				F	2 3/4		
	ZPM100			150.00	100	90	4	60-6	W	4				F	2		
	ZPT25			180.00	100	93	4	2.5k-22k	T					F	1 1/2		
	ZSC4			365.00	100	90	4	60-22				4	P	Yes	F, C		2
	ZSC5			395.00	150	90	4	50-22				4	P	Yes	F, C		2 3/4
	ZSC6			415.00	180	91	4	40-22				6 1/2	P	Yes	F, C		3
	SW408			160	92	4	30-1	S	8			2			F		3 1/4
	SW410			115.00	200	93	4	20-700 Hz	S	10					F		4
	SW412			130.00	200	93	4	20-300 Hz	S	12					F		4 3/8
	SW415	175.00	250	96	4	20-300 Hz	S	15					F	5 1/4			
	SC320	50.00	60	89	4	180-20				3	W		F	1 1/2			
	SC420	60.00	60	89	4	120-20				4			F	2			
	SC520	100.00	70	90	4	80-20				5		No	F	2 3/8			
	SC620	120.00	90	90	4	60-20				6		No	F	2 3/4			
	SC690	135.00	90	90	4	56-20				6 x 9	2	No	F	3 1/4			
	SM300		60	89	4	180-12	M						F	1 3/4			
	SM400		60	89	4	120-7	M						F	2			
	SM500		70	90	4	80-5	W	5					F	2 3/8			
	SM600		100	90	4	60-3	W	6					F	2 3/4			
ST15		90	92	4	4k-22k	T											
ST25		90	93	4	4k-22k	T											
MDV10						S											
MDV15						S											
PIONEER	TS-6988	270.00	250	93	4	28-32 ±3			6 x 9	3				F	3 1/2	For Ford and Mazda vehicles. As above.	
	TS-A6805	140.00	120	91	4	35-25 ±3			6 x 8	3				F	2 3/8		
	TS-A6803	110.00	100	91	4	35-23 ±3			6 x 8	2				F	2 1/4		
	TS-D172	210.00	120	88	4	30-30 ±3			6 1/2	2				F	2 3/8		
	TS-D132	190.00	80	88	4	35-30 ±3			5 1/4	2				F	2 3/8		
	TS-C16	300.00	120	90	4	30-30 ±3			6 1/2	2				F	1 3/4		
	TS-A1385	95.00	100	89	4	60-25 ±3			5 1/4	2				F	2 1/8		
	TS-G1330	50.00	50	90	4	40-20 ±3			5 1/4	W				F	1 1/2		
	TS-4601	65.00	60	90	4	50-20 ±3			4 x 6	W				F	1 3/8		
	TS-4602	85.00	60	89	4	50-22 ±3			4 x 6	2				F	1 3/8		
	TS-4603	95.00	60	90	4	45-28 ±3			4 x 6	3				F	1 3/8		
	TS-C1301	201.00	150	90	4	40-25			5 1/4		P	Yes	F, S	2	For GM and VW vehicles.		
	TS-C1001	186.00	150	90	4	55-25			4	2	P	Yes	F, S	2			
	TS-TRX1000	421.00	250	94	4	45-23			10	3		Yes	S				
	TS-TRX800	108.00	291.00		200	91	4	50-22			8	2			S		Separate carpeted enclosure for each channel. As above. For sealed enclosure. As above. As above. Powered, enclosed subwoofer.
	TS-W3018C				400	93	8	18-3.5 ±3	S	12						5 1/4	
	TS-W2518C				300	91	8	18-4 ±3	S	10						4 3/8	
	TS-W2018C				250	91	8	20-6 ±3	S	8						3 3/4	
	TS-LX100				80	94	4	35-150 Hz ±0, -15	S	7							
	TS-M133	106.00	150	88	4	38-11	M							F, S	2 1/8	Includes 4 x 6-inch mount.	
	TS-M101	106.00	150	90	4	55-20	M							F, S	2		
	TS-M871	91.00	150	90	4	60-20	M							F, S	1 3/8		
	TS-T31	281.00	150	88	4	2.5k-35k	T				P			F, S	3/4	Includes crossover.	
	TS-T11	66.00	100	90	4	2k-25k	T				P			F, S	1		
	TS-M5	66.00	80	89	4	2.5k-30k	T				P			F, S	3/4		
	TS-P461	165.00	150	90	4	60-25				3 1/2	2	P	No	F	1 3/8	Biamp capable.	
	TS-A6990	306.00	200	94	4	28-32 ±0, -15				6 x 9	3	A	No	F	3 3/8		
TS-A6980	231.00	200	93	4	28-30 ±0, -15				6 x 9	4	A	No	F	3 3/8	Yes		

(Continued)

SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold In Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS										Notes
								Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Woofer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeter(s) = A	Pointable Tweeter(s) = P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, Inches	Weatherproofed?		
PIONEER (Continued)	TS-A6970	171.00	160	93	4	28-27		6 x 9	4	A	No	F	3 1/4	Yes				
	TS-A6950	145.00	120	93	4	+0,-15		6 x 9	3	A	No	F	2 3/4	Yes				
	TS-A6940	105.00	100	92	4	+0,-15		6 x 9	2	A	No	F	2 5/8	Yes				
	TS-A6930	75.00	80	92	4	35-20		6 x 9	W			F	2 5/8	Yes				
	TS-T21	111.00	150	90	4	+0,-15												
	TS-TRX60	301.00	150	91	4	2.4k-26k	T	6 1/2	2	A	No	S	1	Yes	For trucks.			
	TS-TRX50	231.00	120	90	4	55-24		5 1/4	2	A	No	S		Yes	As above.			
	TS-TRX40	170.00	100	90	4	65-23		5	2	A	No	S		Yes	As above.			
	TS-X200	140.00	80	89	4	75-23		4	3	A	No	S						
	TS-X100	108.00	60	89	4	65-30		4	2	A	No	S						
	TS-66	50.00	40	90	4	80-20		5 1/4	4	A	No	S		Yes				
	TS-44	40.00	40	88	4	180-18		4		A	No	S		Yes				
	TS-879	67.00	40	88		180-18		3 1/2	2	A	No	S	1 1/2		For GM, Ford, Chrysler, and VW cars.			
	TS-877	44.00	40	88		90-20		3 1/2	2	A	No	F	1 1/2		As above.			
	TS-1018	67.00	40	88	4	90-20		4	2	A	No	F	1 1/2		For Toyotas, Mitsubishi's, and Plymouths.			
	TS-A1250	85.00	50	91	4	50-20		5	2	A	No	F		Yes				
	TS-A1395	110.00	100	90	4	45-30		5 1/4	2		No	F	2 1/8	Yes				
	TS-A5705	125.00	120	90	4	+0,-15		5 x 7	3	A	No	F		Yes	Fits 6 x 8-inch hole.			
	TS-A5703	105.00	100	90	4	40-24		5 x 7	2	A	No	F		Yes	As above.			
	TS-MR165	201.00	120	90	4	40-23		6 1/2	2	A	No	F	4	Yes	For marine use.			
	TS-MR163	151.00	100	90	4	35-21		6 1/2	2	A	No	F	3 5/8	Yes	As above.			
	TS-MR161	81.00	80	90	4	38-20		6 1/2	W		No	F	1 3/4	Yes	As above.			
	TS-W301C	108.00	400	93	4	40-20		18-3.5 ±3	S	12			5 1/4		For sealed enclosure; version for free-air use available.			
	TS-W251C	93.00	300	91	4	+0,-15		18-4 ±3	S	10			4 3/8		As above.			
	TS-W201C	78.00	250	91	4	20-6 ±3		20-6 ±3	S	8			3 3/4		As above.			
	TS-W161	131.00	150	91	4	30-6 ±3	M	30-6 ±3					2 1/8					
	TS-A1680	165.00	150	91	4	35-30 ±3		35-30 ±3		6 1/2	3	A	No	2 1/8	Yes			
	TS-A1675	136.00	120	91	4	35-30		35-30		6 1/2	3	A	No	2 1/4	Yes			
	TS-A1660	110.00	150	91	4	+0,-15		35-25 ±3		6 1/2	2	A	No	2 1/8	Yes			
	TS-A1645	96.00	100	91	4	35-25		35-25		6 1/2	2	A	No	1 5/8	Yes			
TS-G1633	75.00	80	92	4	+0,-15		35-25		6 1/2	2	A	No	1 3/4	Yes				
TS-G1630	55.00	80	92	4	+0,-15		35-20		6 1/2	W		F	1 3/4	Yes				
TS-A4105	140.00	120	92	4	+0,-15		38-25 ±3		4 x 10	3	A	No	3	Yes				
TS-A4103	120.00	120	91	4	38-23		38-23		4 x 10	2	A	No	3	Yes				
TS-A4605	125.00	50	89	4	45-30 ±3		45-30 ±3		4 x 6	2	A	No	1 7/8	Yes				
TS-G1033	67.00	50	91	4	45-20		45-20		4	2		No	1 3/4	Yes				
TS-G1030	45.00	50	90	4	+0,-15		45-20		4	W		F	1 3/4	Yes				
TS-A1090	88.00	50	90	4	+0,-15		50-24		4	2	A	No	F	1 3/4	Yes			
POLK AUDIO	EX402	89.95	40	91	4	75-20		4	2		No	F, S	1 1/2	Yes				
	EX502	99.95	50	91	4	65-20		5 1/4	2		No	F, S	2	Yes				
	EX602	129.95	50	92	4	55-20		6 1/2	2		No	F, S	2	Yes				
	EX462	89.95	45	91	4	75-20		4 x 6	2		No	F, S	1 7/8	Yes				
	EX693	179.95	100	93	4	45-20		6 x 9	3		No	F, S	3	Yes				
	MM3500	54.90	50	89	4	120-17		3 1/2	W			F	1 1/2	Yes				
	MM4500	89.90	50	89	4	80-18		4 1/2	W			F, S	1 5/8	Yes				
	MM4600	69.90	50	89	4	75-15		4 x 6	W			F, S	1 5/8	Yes				
	MM5520	139.90	75	89	4	40-20		5 1/4	2		No	F, S	2 1/2	Yes				
	MM6520	179.90	100	90	4	35-20		6 1/2	2		No	F, S	2 5/8	Yes				
	MM4620	119.90	50	90	4	120-20		3 1/2	2		No	F, S	1 5/8	Yes	Fits 4 x 6-inch holes			
	MM6930	229.90	100	89	4	34-20		6 x 9	3		No	F, S	2 1/8	Yes				
	MM1200	79.90	75	92	4	3.5k-20k	T					S		Yes	Tweeter level control.			
	MM3000	179.90	100	92	4	2k-26k	T			P	A/P		S	Yes	As above.			
	MM4510	99.90	50	88	4	60-3	W	4 1/2				F, S	1 1/8	Yes				
	MM5510	119.90	100	89	4	40-3	W	5 1/4				F, S	1 3/4	Yes				
	MM6510	139.90	100	90	4	35-2	W	6 1/2				F, S	2 1/2	Yes				
	MM3045	319.95	50	88	4	60-26		4 1/2	2	A/P	Yes	F, S	1 3/4	Yes	External crossover with tweeter level control.			
	MM3055	349.95	100	89	4	40-26		5 1/4	2	A/P	Yes	F, S	2 1/2	Yes	As above.			
	MM3065	369.95	100	90	4	35-26		6 1/2	2	A/P	Yes	F, S	2 5/8	Yes	As above.			
MM1245	179.95	50	88	4	60-20		4 1/2	2	P	Yes	F, S	1 3/4	Yes	Tweeter level control.				
MM1255	199.95	100	89	4	40-20		5 1/4	2	P	Yes	F, S	2 1/2	Yes	As above.				
MM8002	79.90	150	90	4	30-1.5	S	8					3 3/8	Yes					
MM1025	129.90	200	90	4	20-1	S	10					4 3/8	Yes					
C4	369.00	200	94	†	25-150 Hz	S	(4) 6 x 9					S		Yes	†2, 4, or 8 ohms. Compound isobaric, bandpass enclosure.			
PREDATOR	PRE-100	80.00	40	91	4	4k-20k	T			A		C		Yes				
	PRE-400	200.00	80	89	4	80-20		4	2	A		C	2	Yes				
	PRE-525	250.00	100	90	4	50-20		5 1/4	2	A	Yes	C	2 1/2	Yes				
	PRE-650	290.00	150	91	4	40-20		6 1/2	2	A	Yes	C	2 3/4	Yes				
	PCX-400	128.00	40	91	4	90-20 ±3		4	2		No	F	2 1/2	Yes				
(Continued)	PCX-500	134.00	55	92	4	60-20 ±3		5	2		No	F	2 1/2	Yes				

SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold In Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS						Weatherproofed?	Notes	
								Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Applied Tweeter(s) = A, Pointable Tweeter(s) = P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Pole (P)			Maximum Required Mounting Depth, Inches
PREDATOR (Continued)	PCX-600		150.00	75	93	4	45-20±3		6			No	F	3	Yes	
	PFA-64	63.00		75	89	4	50-3.5	W	6½	2			F	3	Yes	
	PFA-84	79.00		85	90	4	40-3.5	W	8				F	3½	Yes	
	PFA-104	94.00		100	91	4	40-3.5	W	10				F	4	Yes	
	PFA-124	110.00		125	91	4	30-500 Hz	S	12				F	5	Yes	
PFA-154	139.00		150	92	4	27-500 Hz	S	15				F	7	Yes		
PREMIER	TS-930		145.00	120	93	4	30-26 +0,-15		6 x 9	3	A	No	F	2¾	Yes	
	TS-920		105.00	100	92	4	30-25 +0,-15		6 x 9	2	A	No	F	2½	Yes	
	TS-630		136.00	120	91	4	35-30 +0,-15		6½	3	A	No	F	2¼	Yes	
	TS-620		96.00	100	91	4	35-25 +0,-15		6½	2	A	No	F	1½	Yes	
	TS-W1RS	400.00		400	92	4	18-3 ±3	S	12				F	4½		
	TSW2RS	350.00		300	92	4	18-4 ±3	S	10				F	4½		
	TS-M3RS		400.00	150	88	4	25-8 ±3	M					F	2½		
	TS-M1RS		400.00	150	89	4	35-10 ±3	M					F	2¼		
	TS-M2RS		400.00	100	89	4	200-20 ±3	M					F	7/8		
TS-T1RS		400.00	150	88	4	1.5k-35k ±3	T			A		F, S	¾			
PRESTIGE	PS-400		75.00	50	88	4	80-20		4	2		No	F	1¼	Yes	
	PS-551	90.00		75	89	4	60-20		5¼	2		No	F	1¼	Yes	
	PS-650		75.00	50	89	4	60-20		6½	2		No	F	1¼	Yes	
	PS-651		95.00	100	89	4	50-20		6½	2		No	F	2	Yes	
	PS-6950		120.00	100	92	4	45-20		6 x 9	2		No	F	3½	Yes	
	PS-6951		140.00	150	92	4	35-20		6 x 9	2		No	F	3¾	Yes	
	PS-6952		130.00	100	92	4	40-20		6 x 9	3		No	F	4	Yes	
	PROFILE	CA15		79.95	300	100	4	20-1	S	15					6½	
CA12			69.95	300	98	4	20-1	S	12					5½		
CA10			59.95	300	98	4	30-1.5	S	10					4¾		
CA8			44.95	250	94	4	45-25	S	8					3¾		
CROC15			99.95	300	100	4	20-1	S	15					6½		
CROC12			89.95	300	98	4	20-1	S	12					5½		
CROC10			79.95	300	98	4	30-1.5	S	10					4¾		
S52CF			69.95	120	94	4	40-24		5	2						
S42CF			54.95	120	92	4	50-24		4	2						
M55CF			64.95	120	92	4	80-8									
NT11			79.95	100	92	4	2k-24k	M					C			
TW2			31.95	100	93	4	2k-22k	T					C			
TW3			21.95	100	91	4	4k-20k	T					C			
TW5			26.95	100	90	4	4k-22k	T					C			
SX693			59.95	150	92	4	40-22		6 x 9	3				3		
SX692			54.95	120	92	4	40-22		6 x 9	2				2½		
SX653			44.95	120	92	4	40-22		6½	3				2½		
SX652			39.95	120	92	4	40-22		6½	2				2		
SX552			27.95	100	91	4	50-22		5¼	2				1¾		
SX462			25.95	100	91	4	50-20		4 x 6	2				1½		
SX442		25.95	100	91	4	50-20		4	2				1¼			
S6910		39.95	80	90	4	40-18		6 x 9					2½			
S6510		29.95	60	90	4	50-18		6½					1½			
S510		21.95	60	90	4	80-18		5					1½			
S410		21.95	60	90	4	80-18		4					1¾			
S310		19.95	40	90	4	80-18		3					1¼			
PYLE	LW5210/4	39.95		120	90	4	60-4.5	W	5¼				F	2½	Yes	Eight-ohm version available.
	LW6516/4	49.95		160	90	4	40-4	W	6½				F	2¼	Yes	As above.
	LW6920/4	62.95		200	91	4	39-3.5	W	6 x 9				F	3¾	Yes	As above.
	LW820/4	64.95		200	91	4	35-3	S	8				F	4	Yes	As above.
	LW1020/4	72.95		220	91	4	30-2.5	S	10				F	4½	Yes	As above.
	LW1220/4	79.95		240	91	4	26-2.2	S	12				F	5½	Yes	As above.
	LW1530/4	109.95		260	93	4	22-2	S	15				F	6¾	Yes	As above.
	LW5216/4	47.95		140	90	4	60-4.3	W	5¼				F	2½	Yes	
	LW6520/4	59.95		180	90	4	42-4	W	6½				F	3¼	Yes	
	LW840/4	83.95		240	91	4	37-3	S	8				F	4¼	Yes	As above.
	LW1040/4	89.95		260	91	4	31-2.5	S	10				F	4¾	Yes	As above.
	LW1240/4	99.95		280	92	4	29-2.2	S	12				F	5½	Yes	As above.
	LW1540/4	125.95		300	94	4	22-2	S	15				F	6¾	Yes	As above.
	LW1070/4	134.95		400	93	4	29-2.8	S	10				F	4¾	Yes	
	LW1270/4	154.95		420	93	4	24-2.5	S	12				F	5½	Yes	
	LW1570/4	174.95		450	95	4	22-2.2	S	15				F	6½	Yes	
	LW1870/4	219.95		500	95	4	20-2	S	18				F	7½	Yes	
	LW820D	72.95		200	90	4	28-3	S	8				F	4	Yes	Dual voice-coils.
	LW1040D	99.95		260	91	4	26-2.7	S	10				F	4¾	Yes	As above.
	LW1240D	107.95		280	92	4	24-2.3	S	12				F	5½	Yes	As above.
	LW1540D	132.95		300	93	4	20-2	S	15				F	6¾	Yes	As above.
	NW830/4	88.95		250	91	4	30-2.4	S	8				F	4½	Yes	Enclosureless design.
	NW1040/4	99.95		300	91	4	27-2.4	S	10				F	4¾	Yes	As above.
	NW1240/4	115.95		300	92	4	22-2.5	S	12				F	5½	Yes	As above.
	NW1540/4	134.95		300	94	4	20-2.5	S	15				F	6¾	Yes	As above.
	MR506	35.95		80	90	4	500-8	M					F	1¾	Yes	
	MR510	39.95		90	95	8	500-10	M					F	1½	Yes	
	MR516	44.95		100	96	8	500-11	M					F	2	Yes	
	H261	47.95		80	101	8	4k-20k	T					F	4½		
	H391	49.95		80	102	8	2k-18k	T					F	7½		
	O21N		57.95	60	89	4	4k-22k	T					F	5½	Yes	
	DC21N		82.95	60	89	4	4k-22k	T					F, S	½	Yes	

(Continued)

SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)		Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS						Weatherproofed?	Notes	
		Price, \$ (If Sold In Pairs)						Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W) 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeter(s) = A, Pointable Tweeter (S) = P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)			Maximum Required Mounting Depth, Inches
PYLE (Continued)	D21N/H		84.95	60	89	4	4k-22k	T				S		Yes		
	D358		67.95	80	94	8	4k-22k	T				F	1 1/2	Yes		
	D458		67.95	80	94	8	4k-22k	T				F	1 1/2	Yes		
	D3546P		79.95	80	94	4	4k-22k	T				F	1 1/2	Yes		
	NW130/2		210.95	100	93	4	55-22			5 1/4	2	Yes	F	2 3/8	Yes	
	NW160/2		219.95	110	93	4	55-22			6	2	Yes	F	2 1/8	Yes	
	NW102		107.95	80	91	4	65-20			4	2	Yes	F	2 1/8	Yes	
	NW132		113.95	90	92	4	55-20			5 1/4	2		F	2 1/2	Yes	
	NW162		119.95	100	93	4	55-20			6	2		F	2 1/4	Yes	
	NW692		139.95	120	93	4	45-20			6 x 9	2		F	3 3/8	Yes	
	NW693		159.95	130	93	4	45-21			6 x 9	3		F	4	Yes	
	NW6930		229.95	200	94	4	40-22			6 x 9	2		F	3 3/4	Yes	
	NW352		77.95	50	90	4	90-21			3 1/2	2		F	1 3/4	Yes	
	NW462		89.95	60	91	4	65-21			4 x 6	2		F	2	Yes	
	NW412		115.95	100	93	4	55-20			4 x 10	2		F	2 7/8	Yes	
	NW5768		105.95	90	92	4	55-22			5 x 7, 6 x 8	2		F	2 1/2	Yes	
	T650A	295.95		80	Inc.			50-250 Hz	S				S		Yes	Powered; tube enclosure.
	T800A	339.95		80	Inc.			40-250 Hz	S		8		S		Yes	As above.
	T1000A	379.95		80	Inc.			35-250 Hz	S		10		S		Yes	As above.
	T65	119.95		180	90	4		50-2.5	S		6 1/2		S		Yes	Tube enclosure.
	T80	149.95		200	90	4		40-2	S		8		S		Yes	As above.
	T100	189.95		240	90	4		35-1.5	S		10		S		Yes	As above.
	ST6		259.95	160	91	4		40-20	S		6 1/2		S		Yes	Box enclosure; for trucks.
	ST8		305.95	240	93	4		35-20	S		8	2	S		Yes	As above.
	ST10		345.95	260	94	4		30-20	S		10	2	S		Yes	As above.
	CFP12	284.95		320	95	4		25-20	S		12	2	P		Yes	For Camaros.
	H88	299.95		240	93	4		35-20	S		8	2	S		Yes	Enclosure; for hatchbacks.
	HB10	329.95		260	94	4		30-20	S		10	2	S		Yes	As above.
	HB12	369.95		320	95	4		25-20	S		12	2	S		Yes	As above.
	HB15	469.95		380	96	4		20-20	S		15	3	S		Yes	As above.
PYLE DRIVER	PD824		74.95	200	90	4	35-3.5	S		8		F	3 3/4	Yes		
	PD1024		82.95	220	91	4	31-3.3	S		10		F	4 3/8	Yes		
	PD1224		89.95	240	92	4	26-3.1	S		12		F	5 1/4	Yes		
	PD1534		119.95	260	93	4	22-2.9	S		15		F	6 3/8	Yes		
	PD844		92.95	260	89	4	33-3	S		8		F	4	Yes	Eight-ohm version available.	
	PD1044		99.95	280	90	4	29-2.8	S		10		F	4 1/2	Yes	As above.	
	PD1244		109.95	300	92	4	21-2.6	S		12		F	5 1/4	Yes	As above.	
	PD1544		135.95	320	94	4	19-2.4	S		15		F	6 1/2	Yes	As above.	
	PD1074		145.95	440	93	4	29-2.5	S		10		F	4 1/2	Yes		
	PD1274		165.95	480	94	4	24-2.4	S		12		F	5 3/8	Yes		
	PD1574		185.95	520	95	4	19-2.3	S		15		F	6 1/4	Yes		
	PD1874		230.95	560	96	4	18-2	S		18		F	7 3/8	Yes		
	PDS844		90.95	240	87	4	32-2.2	S		8		F	4	Yes	For sealed enclosure.	
	PDS1044		98.95	260	88	4	28-2	S		10		F	4 1/2	Yes	As above.	
	PDS1244		107.95	280	90	4	24-1.9	S		12		F	5 1/4	Yes	As above.	
	PD35MB		29.95	60	89	4	90-5.5	M				F	1 1/2	Yes		
	PD40MB		39.95	100	92	4	65-5	M				F	1 3/8	Yes		
	PD52MB		49.95	140	93	4	55-4.5	M				F	2 3/8	Yes		
	PD65MB		62.95	180	93	4	55-4.5	M				F	3	Yes		
	PD25T		83.95	70	89	4	4k-22k	T				F, S	1 1/2	Yes		
	PDM102		115.95	90	92	4	65-22			4	2		F	1 3/8	Yes	
	PDM133		133.95	100	93	4	55-22			5 1/4	3		F	2	Yes	
	PDM163		139.95	110	93	4	55-22			6	3		F	1 7/8	Yes	
	PDM692		237.95	220	94	4	40-22			6 x 9	2		F	3 1/2	Yes	
	PDR352		87.95	50	90	4	90-22			3 1/2	2		F	1 1/2	Yes	
	PDR462		91.95	60	91	4	65-22			4 x 6	2		F	1 3/4	Yes	
	PDR412		119.95	110	93	4	50-22			4 x 10	2		F	2 1/2	Yes	
	PDR572		109.95	90	92	4	55-22			5 x 7	2		F	2	Yes	
	PDR682		110.95	100	92	4	55-22			6 x 8	2		F	2 1/8	Yes	
	PDC100/2		199.95	100	92	4	65-22			4	2		F	1 3/8	Yes	
PDC130/2		205.95	110	93	4	55-22			5 1/4	2	Yes	F	2	Yes		
PDC160/2		215.95	120	93	4	55-22			6	2	Yes	F	1 7/8	Yes		
PD8TB		329.95	240	93	4	35-20			8	2		S		Yes	Box enclosure; for trucks.	
PD10HB	489.95		260	94	4	25-20			10	3		S		Yes	Enclosure; for hatchbacks.	
PD12HB	549.95		320	95	4	20-20			12	3		S		Yes	As above.	
PD68P	319.95		200	92	4	45-150 Hz	S		6			S		Yes	Bandpass enclosure.	
PD88P	349.95		240	93	4	35-150 Hz	S		8			S		Yes	As above.	
PD108P	399.95		260	94	4	25-150 Hz	S		10			S		Yes	As above.	
RCF	C104		169.95	25	91	4	60-20			4	2	No	F			
	C130		199.95	25	91	4	50-20			5 1/4	2	No	F			
	C160		229.95	25	91	4	45-20			6 1/2	2	No	F			
	C915		179.95	25	91	4	50-20			4 x 6	2	No	F			
	CN104		299.95	50	89	4	50-20			4	2	No	F			
	CN130		329.95	50	89	4	45-20			5 1/4	2	No	F			
	WF100		179.95	75	90	4	50-4.5	W		4			F			
	WF130		229.95	100	91	4	45-4	W		5 1/4			F			
	WF160		269.95	100	92	4	40-3.5	W		6 1/2			F			
	TT19		129.95	40	90	4	1.6k-20k	T					F			
	TN25		189.95	40	88	4	1.5k-20k	T					F, S			
	W252	349.95		150	96	2	40-1.5	S		10			F, S			
6910		369.95	100	93	4	40-18	S		6 x 9	2	Yes	F			Dual voice-coils.	

SPEAKERS

MANUFACTURER	Model	Price \$ (If Sold Individually)	Price \$ (If Sold in Pairs)	Recommended Maximum Power, Watts Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS						Flush Mount (F) Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, Inches	Weatherproofed?	Notes
								Subwoofer Only (S), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Applied Tweeters(s) = A, Pointable Tweeter(s) = P	Separately Mountable Drivers?	Woofer Only (S), Midrange Only (M), Tweeter Only (T)				
REALISTIC	12-1713		79.99	50	95	4											Box enclosure.
	12-1714		22.99	15	88	4	100-20										
	12-1716		59.99	40	92	4											
	12-1717		49.99	60	90	4	70-20										
	12-1719		99.99	100	4	4	60-20 ±3										
	12-1720		79.99	60	4	4	50-20										
	12-1721		49.99	30	93	4	50-20										
	40-1348	41.99	100	86	4	4	40-1	S									
	40-1350	61.99	120	89	4	4	26-2.7	S									
	REDLINE PERFORMANCE	SAT-1.1C		149.00	50	93	4	2.5k-20k	T								
SAT-1.1M			149.00	50	93	4	2.5k-22k	T									
LPT-1			79.00	60	92	4	3.5k-21k	T									
SR-10			75.00	70	92	8	2k-20k	T									
MR-10			65.00	50	90	8	3.5k-20k	T									
TCA-1			60.00	50	90	8	5k-20k	T									
MT-1			35.00	40	91	4	7k-20k	T									
GE-165			120.00	65	90	4	75-2	W	5 1/4								
GE-308		92.00	80	92	4/8	8	50-2	W	8								
GE-1050			92.00	50	90	8	950-9	M									
GE-1053			88.00	50	90	8	200-5	M									
GE-1045			84.00	50	89	8	250-7	M									
GE-550			59.00	50	88	8	800-7	M									
GE-350			56.00	50	86	8	300-7	M									
GE-206			131.00	75	92	4/8	50-2	W									
GE-4010		95.00	100	91	4/8	4/8	30-1	S	10								
GE-5012		118.00	125	93	4/8	4/8	30-1	S	12								
GE-7010		139.00	150	94	4/8	4/8	30-1	S	10								
GE-7012		158.00	175	96	4/8	4/8	30-1	S	12								
GE-7015		167.00	200	95	4/8	4/8	25-1	S	15								
8-SW	99.00	75	89	4/8	4/8	35-500 Hz	S	8									
10-SW	112.00	90	90	4/8	4/8	30-500 Hz	S	10									
12-SW	135.00	120	93	4/8	4/8	25-500 Hz	S	12									
OD-8		137.00	100	89	4	30-1	W	8									
OD-10		173.00	200	90	4	30-1	S	10									
OD-12		227.00	300	90	4	30-1	S	12									
OD-15		281.00	400	95	4	25-1	S	15									
RESONANCE	RW-810	249.00	400	91	†	†	30-2	S	10							†Dual 4-ohm voice-colls.	
	RW-812	275.00	400	93	†	†	30-2	S	12								
	RW-815	360.00	400	95	†	†	20-2	S	15								
	RW-708	139.00	150	90	4	4	30-3	S	8								
	RW-710	159.00	200	91	4	4	30-3	S	10								
	RW-712	179.00	250	93.5	4	4	30-2	S	12								
	RW-715	189.00	250	96	4	4	20-2	S	15								
	RMB-6.5		115.00	100	90	4	35-4	W	6 1/2								
	RM-3.5		31.00	25	87	4	100-18	M									
	RCX-4.5		129.00	60	88	4	70-20		4 1/2	2							
	RCX-6.5		159.00	80	90	4	50-20		6 1/2	2							
	RT1-NS		79.00	80	91	4	2k-20k	T			P						
	RT-20		39.00	60	91	4	4k-20k	T									
	RT-15		32.00	40	91	4	5k-20k	T									
ROADMASTER	RS500N3	59.99	40	93	4	4	90-20 ±3		5 1/4	W						Box enclosure. As above. As above.	
	RS520N3	79.99	75	90	4	4	90-20 ±3		5 1/4	3	No						
	RS630N3	79.99	100	90	4	4	90-18 ±3		5 1/4	3	No						
	RS800N3	59.99	50	89	4	4	70-15 ±3		6 x 9	W							
	RS900N3	79.99	100	90	4	4	62-20 ±3		6 x 9	3	No						
	RS1990N3	129.99	150	89	4	4	60-18 ±3		6 x 9	3	No						
	RS6010N3	59.99	40	86	4	4	120-18 ±3		3	W							
	RS6035N3	79.99	100	93	4	4	70-18 ±3		3	3	No						
	RS6065N3	129.99	150	90	4	4	150-20 ±3		3 1/2	3	No						
	ROCKFORD FOSGATE	BTR-82	179.00	200	93	4	4	60-20		8	2						
BTR-83		239.00	200	93	4	4	55-20		8	3							
BTR-103		299.00	200	93	4	4	55-20		10	3							
BTR-123		359.00	350	93	4	4	45-20		12	3							
BTR-153		419.00	350	93	4	4	40-20		15	3							
BP-600		160.00	70	85	4	4	46-123 Hz	S	6 1/2								
BP-690		170.00	100	90	4	4	56-118 Hz	S	6 x 9								
BP-1000		249.00	100	92	4	4	54-126 Hz	S	10								
PWR-34/38			89.00	70†	84	4/8	4/8	155-10	M								
PWR-44/48			119.00	50†	91	4/8	4/8	85-8	M								
PWR-54/58			139.00	80†	90	4/8	4/8	50-6	M								
PWR-64/68			179.00	80†	92	4/8	4/8	60-6	M								
PWR-408/808						4/8	4/8		S								
PWR-410/810		239.00	200†	91	4/8	4/8	30-1	S	10								
PWR-412/812		349.00	600†	91	4/8	4/8	25-1	S	12								
PWR-415/815		379.00	600†	93	4/8	4/8	21-500 Hz	S	15								
PWR-418/818						4/8	4/8		S	18							
PCH-408/808		109.00	150†	88	4/8	4/8	40-1	S	8								
PCH-410/810		145.00	150†	91	4/8	4/8	38-1	S	10								
PCH-412/812		182.00	200†	94	4/8	4/8	32-250 Hz	S	12								
PCH-415/815	199.00	200†	94	4/8	4/8	28-250 Hz	S	15									
PCH-418/818	285.00	250†	94	4/8	4/8	23-200 Hz	S	18									

(Continued)

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SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold In Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS						Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, Inches	Weatherproofed?	Notes
								Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeter(s) = A, Pointable Tweeter(s) = P	Separately Mountable Drivers?					
SOUNDSTREAM	Granite Studio P51	219.00	100	90	4	60-20 ±3		5 1/4	2	A	Yes	F, S	2 3/8	Yes			
	Granite Studio P61	249.00	120	90	4	50-20 ±3		6 1/2	2	A/P	Yes	F, S	2 5/8	Yes			
	Granite Pro B52	139.00	100	90	4	60-20 ±3		5 1/4	2			F, S	2 3/8	Yes	Biamp capable.		
	Granite Pro B65	159.00	120	90	4	55-20 ±3		6 1/2	2			F, S	2 5/8	Yes	As above.		
	Granite Pro B69	179.00	150	90	4	35-20 ±3		6 x 9	2			F, S	3 1/4	Yes	As above.		
	SS510 mkII	319.00	140	90	4	55-20 ±3		5 1/4	2	A	Yes	F, S	2 1/8	Yes	Extended cone excursion.		
	SS4.0	115.00	100	90	4	70-18 ±3		4	2	W		F, S	2 1/8	Yes	As above.		
	Granite Pro 8	105.00	100	90	4	40-500 Hz ±3	S	8				C	3 7/8	Yes	As above.		
	Granite Pro 10	155.00	200	93	4	37-500 Hz ±3	S	10				C	4 1/2	Yes	As above.		
	Granite Pro 12	200.00	250	96	4	33-500 Hz ±3	S	12				C	5 1/8	Yes	As above.		
	Granite Pro 15	250.00	300	92	4	20-500 Hz ±3	S	15				C	6 5/8	Yes	As above.		
	SS18	795.00	2k	97	8	20-500 Hz ±3	S	18				C	8	Yes	As above.		
	SS10R	230.00	250	91	4	30-500 Hz ±3	S	10				C	4 7/8	Yes	As above.		
	SS12R	290.00	300	93	4	22-500 Hz ±3	S	12				C	5 1/4	Yes	As above.		
	SS8	150.00	200	90	4	37-500 Hz ±3	S	8				C	3 1/2	Yes	As above.		
	SS611	449.00	120	90	4	40-20 ±3		6 1/2	2	A/P	Yes	F, S	2 5/8	Yes			
	SS511	419.00	140	89	4	50-20 ±3		5 1/4	2		Yes	F, S	2 1/8	Yes			
NT1	190.00	140	90	4	2.5k-20k ±3	T					C	1 1/2	Yes				
Granite Studio One	109.00	100	90	4	3.5k-20k ±3	T			A/P		F, S	5/8	Yes	Includes crossover.			
SOUTHEAST ACOUSTIC	CX4	82.00	100	86.1	4	68-20		4	2	A	No	F	2 1/8	Yes			
	CX5	88.95	120	89	4	65-20		5 1/4	2	A	No	F	2 1/8	Yes			
	CX46	85.95	80	85.9	4	65-20		4 x 6	2	A	No	F	1 7/8	No			
	CX65	122.97	120	90	4	38-20		6 1/2	2	A	No	F	3 3/8	Yes			
	CX69	127.97	120	90.5	4	38-20		6 x 9	2	A	No	F	3 5/8	No			
	CX8	125.90	200	88.9	8	38-20		8	2	A	No	F	3 3/8	Yes			
	CX12	269.00	350	86	8	28-20		12	2	A	No	F	5 1/4	Yes			
	MR4	52.95	120	85	4	100-6						F	2 1/8	Yes			
	MR5	57.95	120	87.1	4	70-5	M					F	2 1/8	Yes			
	MB5	73.95	160	88.5	4	60-2	W	5 1/4				F	2 5/8	Yes			
	MB65	77.90	160	86	4	45-5	W	6 1/2				F	3 1/4	Yes			
	SC10	129.95	300	92.8	4	30-2	S	10				F	4 1/4	No			
	SC12	149.95	300	92.3	4	20-2	S	12				F	5	No			
	SC15	169.95	300	91	4	20-1.2	S	15				F	5 1/2	No			
	SD8	119.95	200	90.3	4	36-2	W	8				F	3 1/2	Yes			
	SD10	189.95	400	85.3	4	28-2	S	10				F	4 3/8	Yes			
	SD12	219.95	400	88.7	4	20-2	S	12				F	5	Yes			
	SD15	249.95	400	90.5	4	25-1	S	15				F	5 3/4	No			
	ST12	369.95	500	93.8	4	30-1	S	12				F	4 7/8	Yes			
	ST15	389.95	500	93.1	4	30-1	S	15				F	5 7/8	Yes			
	ST18	429.95	500	94.1	4	24-800 Hz	S	18				F	7 1/8	Yes			
	801730	19.50	50	88.5	8	3.5k-20k	T				P	F	3/4	No			
	811545	30.97	50	92	4	3.5k-20k	T				P	F	1 1/8	No			
811546	30.97	50	92	8	3.5k-20k	T				P	F	1 1/8	No				
811581	25.97	45	92	4	3.5k-20k	T				P	F	3/4	No				
811582	25.97	45	89	8	3.5k-20k	T				P	F	3/4	No				
811687	43.97	65	91.6	8	3.5k-20k	T				P	F	1	No				
811815	33.97	50	93	8	3.5k-20k	T				P	F	1 1/8	No				
SPARKOMATIC	7969	14.99	50	92	4	60-17 ±3		6 x 9	W			F			Replacement speaker.		
	7965	13.00	40	90	4	70-15 ±3		6 1/2	W			F			As above.		
	7950	11.99	40	90	4	80-15 ±3		5 1/4	W			F			As above.		
	7946	12.99	40	90	4	70-15 ±3		3 1/2	W			F			As above.		
	7940	11.99	40	90	4	90-15 ±3		4	W			F			As above.		
	7935	9.99	40	90	4	90-15 ±3		3 1/2	W			F			As above.		
	8525		50	90	4	50-21 ±3		5 1/4	2		No	F	1 3/4	Yes			
	SS65	100.00	inc.				S	6 1/2				S			Powered subwoofer.		
	STW800	79.99	inc.	92			S	8				S		Yes	As above; tube enclosure.		
	9440	89.99	40	90	4	60-20 ±3		4	3		No	S		Yes	Enclosure.		
	8690	57.99	70	93	4	40-20 ±3		6 x 9	3		No	F	3 3/4	Yes			
	8650	44.99	60	91	4	60-20 ±3		6 1/2	2		No	F	2 1/4	Yes			
	8400	29.99	40	89	4	80-20 ±3		5	2		No	F	1 3/4	Yes			
	SK693	34.99	160	95.3	4	30-17 ±3		6 x 9	3		No	F	3 1/2	Yes			
	SK692	27.99	100	96.6	4	30-15 ±3		6 x 9	2		No	F	1 3/4	Yes			
SK80		100					(2)8	2		No	S			Carpeted, ported enclosure.			
SK63	32.99	120	90	4	60-16 ±3		6	3		No	F	2 3/8	Yes				
SK400	27.99	80	86	4	90-15 ±3		4	W		No	F	1 3/4	Yes				
9690	89.99	80	92	4	35-21 ±3		6 x 9	3		No	F	3	Yes				
9525	44.99	80	90	4	50-21 ±3		5	2		No	F	1 1/2	Yes				
SPECO	G850PW	37.70	150	94	8	34-4.5	W	8				C	8	Yes			
	G1070GPW	43.99	200	95	8	30-4.5	W	10				C	9	Yes			
	G1275PW	56.50	250	96	8	25-4.5	W	12				C	12	Yes			
	W5CF3	19.95	10	90	4	75-10		5			No	S		No	Wedge kit.		

SPEAKERS

MANUFACTURER	Model	Price \$ (If Sold Individually)	Price \$ (If Sold In Pairs)	Recommended Maximum Power, Watts Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS						Weatherproofed?	Notes	
								Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeter(s) = A, Pointable Tweeter(s) = P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)			Maximum Required Mounting Depth, Inches
SYMPHONY	Baritone SY12	191.00		200	93	4	18-1	S	12				F	4 1/2	Yes	Two woofers and two tweeters. Two midranges and two tweeters.
	Baritone SY10	173.00		200	93	4	25-1	S	10				F	4 1/2	Yes	
	Tenor SY6.5	102.00		70	90	4	25-4	W	6 1/2				F	3	Yes	
	Tenor SY5.2	95.00		60	94	4	50-4	W	5 1/4				F	2 1/2	Yes	
	Quartet 6.5 Kit		320.00	70	90	4	25-20	W	(2)6 1/2	2	P	Yes	F, S	3	Yes	
	Quartet 5.2 Kit		268.00	60	94	4	50-4			2	P	Yes	F, S	3	Yes	
	SY4.5		139.00	60	92	4	150-18	M					F	2 1/2	Yes	
	SY1.2		176.00	70	91	4	3k-22k	T					S	1 3/4	Yes	
	SY1.0		164.00	60	91	4	3k-20k	T					S	Yes	Yes	
	THE HOTT SET-UP	TM 4 G	165.00	80	88.9	4	90-5	M					F	2 1/8		
TM 5 G		195.00	100	89.5	4	94-4.5	M					F, S	2 1/4			
TM 6 G		245.00	150	90.3	4	90-4	M					F, S	3 1/4			
TH 1 ND			100	90.5	4	3k-20k	T					F	3 1/8			
TM 4 ND		259.00	80	90.4	4	90-20			2			F	1 3/4			
TM 5 ND		279.00	80	90.7	4	70-20			2			F	2 1/4			
TM 6 ND		309.00	100	92.3	4	55-20			2			F	3			
TL6		90.00	200	89.7	4	44-2.5	W	6				F	3 1/2	No		
TL8		98.50	200	90	4	40-2	W	8				F	3 3/4	No		
TL8DVC		99.00	200	†	†	38-2	W	8				F	3 3/4	No		
TL10		118.00	400	88.7	4	36-1.5	W	10				F	4 1/4	No		
TL10DVC		124.00	400	†	†	35-1.5	W	10				F	4 1/4	No		
TL12		129.00	400	93	4	30-1.4	W	12				F	5	No		
TL12DVC		134.00	400	†	†	27-1.4	W	12				F	5	No		
TL15		178.00	400	95.4	4	33-1	W	15				F	6 3/4	No		
TL15DVC	182.00	400	†	†	29.5-1	W	15				F	6 3/4	No			
TM RUSH	6 1/2"	75.00	149.00	150	90	6	38-2.3	W	6 1/2				C	3 1/4	Yes	For ported enclosure or free-air use. Tube enclosure; requires corner loading. As above. As above. As above. As above. As above.
	8"	65.00	129.00	150	94	4	38-2.6	W	8				C	3 1/2	Yes	
	10"	75.00	149.00	200	95	4	38-2.4	W	10				C	4 1/4	Yes	
	12"	85.00	169.00	200	97	4	36-2.4	S	12				C	5 1/4	Yes	
	15"	95.00	189.00	225	99	6	34-2	S	15				C	6	Yes	
	18"	249.00	529.00	300	101	6	28-1.8	S	18				C	7 1/2	Yes	
	6" Dynamo		260.00	150	93	6	38-2	W	6 1/2						Yes	
	8" Mini Rush		299.00	180	98	4	34-2	W	8						Yes	
	10" Power Rush		350.00	280	102	4	30-2	W	10						Yes	
	12" Maxi Rush		429.00	300	103	4	30-2	S	12						Yes	
15" Ultimate Rush	295.00	589.00	350	104	6	28-2	S	15						Yes		
18" Extreme Rush	419.00	819.00	375	104	6	26-1.6	S	18						Yes		
TNT	104	100.00		200	87.8	4	28-600 Hz	S	10				F	Yes	For sealed enclosure. As above. As above. Includes crossover.	
	124	110.00		200	89.6	4	26-500 Hz	S	12				F	Yes		
	154	150.00		300	96.5	4	24-200 Hz	S	15				F	Yes		
	5	30.00	60.00	50	89	4	65-5	M					F	Yes		
	1	30.00	60.00	50	88	4	2k-22k	T			A		C	Yes		
TOBY	Ranger	440.00	240	99	4	47-110 Hz	S	(2)10						No	Dual voice-coils. As above. As above. As above.	
	Sheriff	240.00	120	94	4	47-110 Hz	S	10						No		
	Constable	240.00	120	93	4	50-140 Hz	S	10						No		
	Pistol	215.00	100	91	4	45-110 Hz	S	8						No		
	LowMan	275.00	120	90	4	34-85 Hz	S	10						No		
TOSHIBA	TS-931M	59.00	118.00					T								
	TS-942	49.00	98.00	60					4	2		P				
	TS-942M	69.00	138.00	60					4	2						
	TS-962	69.00	138.00	100					6	2		P				
	TS-962S	129.00	258.00	100					6	2						
	TS-992	119.00	238.00	160					6 x 9	2		P				
ULTIMATE SOUND	Reflex-Pro KL-4510DX		85.00	200	93	4	100-23		4 1/2	2	No	No	F	2 1/4	Yes	For sealed enclosure or free-air use. As above. As above. As above. Vented pole piece. As above. As above. As above. As above. As above. As above. As above. As above. As above. As above. As above. As above.
	Reflex-Pro KL-6525DX		175.00	300	93	4	40-23		6 1/2	2	No	No	F	3 1/4	Yes	
	Reflex-Pro KL-6935DX		220.00	300	93	4	40-23		6 x 9	2	No	No	F	3 1/2	Yes	
	Reflex-Pro KL-8035DX		260.00	500	94	4	40-23		8	2	No	No	F	3 7/8	Yes	
	Reflex-Pro KL-6935	95.00		200	95	4	50-3	W	6 x 9				F	4	Yes	
	Reflex-Pro KL-8050	120.00		700	93	4/8	30-3	W	8				F	4 1/8	Yes	
	Reflex-Pro KL-1050	140.00		700	95	4/8	25-3	W	10				F	4 3/4	Yes	
	Reflex-Pro KL-1280	200.00		1k	96	4/8	20-2	S	12				F	5 1/2	Yes	
	Reflex-Pro KL-1580	230.00		1k	97	4/8	20-2	S	15				F	6 1/2	Yes	
	Reflex-Pro KM-4010	35.00		50	90.2	4	100-10	M					F	2 1/8	Yes	
	Reflex-Pro KM-5210	40.00		65	93.2	4	60-10	M					F	2 1/4	Yes	
	Reflex-Pro KM-6525	60.00		80	93.7	4	40-5.5	M					F	3 1/4	Yes	
	Competition PW-8035	80.00		200	94	4/8	30-3	W	8				F	4	Yes	
	Competition PW-1035	80.00		225	95	4/8	25-3	W	10				F	4 5/8	Yes	
	Competition PW-1250	120.00		250	96	4/8	20-3	S	12				F	5 1/4	Yes	
	Competition PW-1550	140.00		300	97	4/8	20-2.5	S	15				F	6	Yes	

(Continued)

SPEAKERS

MANUFACTURER	Model	Price, \$ (If Sold Individually)	Price, \$ (If Sold in Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, +dB	DRIVERS										Notes
								Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Angled Tweeter(s) = A	Pointable Tweeter(s) = P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, inches	Weatherproofed?		
ULTIMATE SOUND (Continued)	Competition PM-4010	22.00		45	91	4	100-10	M							F	2 1/8	Yes	
	Competition PM-5210	28.00		65	91	4	80-10	M							F	2 3/8	Yes	
	Competition PM-6525	44.00		85	92	4	40-5	M							F	3 1/4	Yes	
	IMC-4510	29.00		80	86	4	100-10	M							F	2 1/4	Yes	
	IMC-8025	69.00		160	92	4	30-3	W	8						F	3 3/8	Yes	
	IMC-1030	89.00		200	93	4	25-3	W	10						F	4 1/4	Yes	
	IMC-1235	109.00		250	93	4	20-3	W	12						F	5	Yes	
	CA-4510	25.00		45	88	4	80-10	M							F	2 1/4	Yes	
	CA-8020	44.00		90	89	4	35-3	W	8						F	3 3/8	Yes	
	CA-1025	55.00		120	90	4	30-3	W	10						F	4 1/8	Yes	
	CA-1230	70.00		130	90	4	25-3	S	12						F	4 3/4	Yes	
	RT-1		75.00		80	92	4	2.5k-20k	T		A				S		Yes	
	RT-2		75.00		80	92	4	2.5k-20k	T						S		Yes	
	RT-3		42.00		50	97	4	4.5k-23k	T						C		Yes	
	RT-4		85.00		80	92	4	2.5k-20k	T		A				S		Yes	
	SST-1		30.00		100	97	4	5k-23k	T						S		Yes	
	Neo-Titan		80.00		80	92	4	4k-23k	T		A				C		Yes	
	BP-8	239.00		250	94	4	30-130 Hz	S	8								Yes	Fourth-order bandpass enclosure. As above.
	BP-10	289.00		300	95	4	25-120 Hz	S	10								Yes	As above.
	BP-88	349.00		300	95	4	30-130 Hz	S	(2)8								Yes	As above.
	BP-1010	399.00		350	96	4	25-120 Hz	S	(2)10								Yes	As above.
	BP-8P	259.00		250	94	4	30-130 Hz	S	8								Yes	As above.
	BP-10P	319.00		300	95	4	25-120 Hz	S	10								Yes	As above.
	BoomTube1PT-8	330.00		80		4	30-300 Hz	S	8								Yes	Powered, tube enclosure.
	BoomTubeT-8	155.00		Inc. 200	101	4	25-300 Hz	S	8								Yes	Tube enclosure; version available with dual voice-coils.
	BoomTubeT-10	199.00		225	101	4	25-300 Hz	S	10								Yes	Tube enclosure.
	BoomTubeT-12	245.00		250	102	4	22-300 Hz	S	12								Yes	As above; version available with dual voice-coils.
	B800S		160.00		100	92	4	45-20	(2)8	2							Yes	Separate ported enclosure for each channel.
	B821H	180.00		100	92	4	45-20	(2)8	2								Yes	Ported enclosure, for hatchbacks.
	B1002S		230.00		150	95	4	30-20	(2)10	2							Yes	Separate ported enclosure for each channel.
	B102H	250.00		150	95	4	30-20	(2)10	2								Yes	Ported enclosure, for hatchbacks.
	B1003S		270.00		150	93	4	20-20	(2)10	3							Yes	Separate ported enclosure for each channel.
	B12HB	330.00		200	95	4	20-20	(2)12	3								Yes	Ported enclosure, for hatchbacks.
	U-6920TX		100.00		150	94	4	20-21	6 x 9	3		No	F	3 1/4		Yes		
	U-6920CX		90.00		150	94	4	20-20	6 x 9	2		No	F	3 1/4		Yes		
	U-6510CX		75.00		80	93	4	20-20	6 1/2	2		No	F	2 1/4		Yes		
	U-5710CX		75.00		80	91	4	20-20	5 x 7	2		No	F	2 1/4		Yes		
	U-4110CX		90.00		80	91	4	20-20	4 x 10	2		No	F	2 1/4		Yes		
	U-4606CX		55.00		45	91	4	25-20	4 x 6	2		No	F	1 3/4		Yes		
	U-4006CX		55.00		45	91	4	25-20	4	2		No	F	1 3/4		Yes		
P-402		34.00		50	91	4	40-20	4	2		No	F	1 3/4		Yes			
P-502		35.00		75	92	4	40-20	5	2		No	F	1 3/4		Yes			
P-653		50.00		75	90	4	40-20	6 1/2	3		No	F	2		Yes			
P-692		65.00		100	91	4	35-20	6 x 9	2		No	F	2 1/4		Yes			
P-693		70.00		120	92	4	35-20	6 x 9	3		No	F	2 3/4		Yes			
U.S. BLACK MAGIC	BM-3500B	15.00		30	90	4	120-18	3 1/2	W					F	1 3/8	No		
	BM-4000B	20.00		40	89	4	90-18	4	W					F	1 3/4	No		
	BM-4200		48.00	50	90	4	80-22	4	2			No	F	1 3/4	No			
	BM-5250		49.95	60	90	4	65-20	5 1/4	2			No	F	2	No			
	BM-5720		55.00	70	90	4	65-19	5 x 7	2			No	F	2 3/8	No			
	BM-6400B	25.00		60	91	4	65-18	6 1/2	W				F	1 3/4	No			
	BM-6420		65.00	70	91	4	65-20	6 1/2	2			No	F	1 7/8	No			
	BM-6430		75.00	90	91	4	55-22	6 1/2	3			No	F	2 1/2	No			
	BM-6920		89.00	120	92	4	38-20	6 x 9	2			No	F	3 3/8	No			
	BM-6930		105.00	130	92	4	38-24	6 x 9	3			No	F	3 3/8	No			
	BM-6921		73.00	100	93	4	50-20	6 x 9	2			No	F	2 7/8	No			
	BM-6931		85.00	120	93	4	50-22	6 x 9	3			No	F	2 7/8	No			
	BM-6520R	48.00		160	89	4	44-5	6 1/2					F	2 7/8	No			
	BM-8030R	60.00		200	91	4	31-2.5	8		W			F	3 3/4	No			
	BM-1042R	77.00		260	91	4	28-2.5	10		S			F	4 1/4	No			
	1250R	85.00		300	92	4	20-2	12		S			F	4 1/8	No			
	BM1-652		159.00	160	90	4	50-18	6 1/2	2			No	F	2 3/4	No			
	BM1-653		151.00	180	90	4	50-20	6 1/2	3			No	F	2 3/4	No			
	BM1-692		179.00	200	90	4	45-18	6 x 9	2			No	F	3 1/4	No			
	BM1-693		207.00	220	90	4	45-20	6 x 9	3			No	F	3 1/4	No			
	BM1-300		90.00	60	92	4	1k-20k		2	P		No	C	1 3/4	No			
	BM1-410B		50.00	60	91	4	100-10			M		No	F	1 7/8	No			
	BM1-460		104.00	60	90	4	90-20	4 x 6				No	F	1 3/4	No			
	BM1-65	64.95		200	90	4	45-6	6 1/2		S			F	3	No			
	BM1-690	100.00		240	90	4	35-4.5	6 x 9		S			F	3 3/8	No			
	BM1-80	89.00		240	90	4	20-3	8		S			F	3 3/4	No			
	BM1-10	155.00		300	91	4	20-3	10		S			F	4 3/8	No			
	BM1-12	183.00		400	91	4	20-3	12		S			F	4 7/8	No			
	BM1-290		110.00	120	91	4	2k-22k			T			C		No			
	BM1-692A	(Continued)	224.00	200	90	4	30-22		6 x 9	2		No	F	3 3/8	No			

SPEAKERS

MANUFACTURER	Model	Price \$ (If Sold Individually)	Price \$ (If Sold in Pairs)	Recommended Maximum Power, Watts/Channel	Sensitivity, dB SPL (1 Watt/1 Meter)	Impedance, Ohms	Frequency Response, Hz to kHz, ±dB	DRIVERS										Notes
								Subwoofer Only (S), Woofer Only (W), Midrange Only (M), Tweeter Only (T)	Woofer Size, Inches	Whizzer (W), 2-Way (2), 3-Way (3), 4-Way (4)	Applied Tweeter(s) - A, Pointable Tweeter(s) - P	Separately Mountable Drivers?	Flush Mount (F), Surface Mount (S), Convertible (C), Plate (P)	Maximum Required Mounting Depth, Inches	Weatherproofed?			
U.S. BLACK MAGIC (Continued)	BMA-0420		68.00	50	90	4	75-20		4	2		No	F	1 3/4	No			
	BMA-0525		90.95	60	90	4	65-20		5 1/4	2	No	F	2	No				
	BMA-0642		93.00	70	91	4	60-20		6 1/2	2	No	F	1 3/4	No				
	BMA-0643		111.00	90	91	4	50-20		6 1/2	3	No	F	2 1/2	No				
	BMA-0690		115.00	100	90	4	35-18		6 x 9	2	No	F	2 7/8	No				
	BMA-0691		143.00	120	90	4	35-20		6 x 9	3	No	F	2 7/8	No				
	BMA-0692		152.00	150	91	4	30-18		6 x 9	2	No	F	3 1/4	No				
	BMA-0693		170.00	160	91	4	30-20		6 x 9	3	No	F	3 1/4	No				
	BMA-8F	83.00	240	89	4	45-3	S	8				F, S	3 3/4	No				
	BMA-10F	129.00	300	90	4	35-2.5	S	10				F, S	4 1/2	No				
	BMA-12F	157.00	400	91	4	30-2	S	12				F, S	4 7/8	No				
USD	1p		500.00	100	89	4/8	350-21			2		P	1/4	No	Midrange and tweeter.			
	WaveGuide A-5.2		1500.00	100	110	6	500-22			2		†	10	No	†Under-dash mount. As above.			
	WaveGuide B-1		750.00	40	100	8	500-22			2		†	10	No	As above.			
	WaveGuide C-1		440.00	40	100	8	600-22			2		†	10	No	As above.			
	WaveGuide D-1		350.00	50	97	8	600-20			2		†	10	No	As above.			
	WaveGuide E-1		250.00	50	97	8	600-20			2		†	10	No	As above.			
	15proB	450.00	400	105	4/8	18-350 Hz	S	15				F	4 3/8	No				
	12proB	360.00	300	90	6	19-1	S	12				F	4	Yes	For sealed enclosure.			
	10proB	330.00	300	100	4/8	36-3.5	W	10				F	3 5/8	No				
	8pro	280.00	150	89.5	4/8	35-1.8	W	8				F	4	Yes				
	6pro	220.00	150	90	4/8	42-3.5	W	6 1/2				F	2 1/2	No				
	820	100.00	100	90	4/8	35-3	W	8				F	3 1/4	No				
	840	115.00	150	90	4/8	32-3	W	8				F	3 3/4	No				
	1060	160.00	200	92.5	6	25-2	S	10				F	4	No				
	1260	190.00	200	94.3	6	20-1	S	12				F	4 3/4	No				
28mm	160.00	150	92	6	2k-22k	T					F	1 1/2	No					
1t	50.00	30	91	4/8	4k-21k	T					F	3/4	No					
4	90.00	30	90	4/8	350-5	M					F	2 1/8	No					
VERTEK/XTC	XT4108	275.00		125	90.2	4	35-125 Hz ±3	S	8			S				Transmission-line enclosure; dual voice-coils; includes crossovers; stereo pair version, \$425.00. Slot-loaded enclosure; includes crossover. As above.		
	XT4212		425.00	150	91.5	4	25-120 Hz ±3	S	12			S						
	XT4122		360.00	150	92	4	28-120 Hz ±3	S	10			S						
	VX06SC1		165.00	75	88	6	48-5	M				F	2 7/8	Yes				
	VX05SC		110.00	70	88	6	56-6.5	M				F	2 1/2	Yes	Includes crossover.			
	XV01SCA		80.00	100	90	5	4k-23k	T				F	1	Yes	As above.			
	XV01SCF		120.00	100	91	6	3k-25k	T				F	1	Yes	As above.			
XV10DVC	125.00	150	91	4	30-400 Hz	W	10				F	4 1/4	Yes	Dual voice-coils.				
XV08Sci		180.00	80	91	6	40-3.5	W	8			F	3 1/4	Yes					
VOLCANO	4CX		99.95	80	93	4	80-21		4	2	No	F	2 1/4					
	5CX		109.95	100	94	4	70-21		5 1/4	2	No	F	2 3/8					
	6CX		109.95	100	94	4	60-21		6	2	No	F	2 1/4					
	65CX		119.95	100	94	4	55-21		6 1/2	2	No	F	2 1/2					
	3S		21.95	50	90	4	150-10	M				F	1 1/2					
	4S		29.95	60	91	4	100-10	M				F	2 1/8					
	5S		34.95	100	90	8	100-10	M				F	1 7/8					
	65S		54.95	200	94	4	32-4	W	6 1/2			F	3					
	8S	69.95	100†	92	4		S	8				F	3 3/8					
	10S		99.95	200†	93	4		S	10			F	5		†Watts rms. For enclosure of 0.7 cubic foot.			
	12S		124.95	200†	93	4		S	12			F	5		As above but 1 cubic foot.			
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12CDS	249.95	300†	94	4		S	12				F	6		Double spiders.				
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18CDS	379.95	500†	96	4		S	18				F	8 1/2						
MTP46		89.95	50†	91	4	200-21		3	2	No	P	1 1/2		As above.				
TP46		72.95	50†	94	8	3.5k-20k	T				P	1 1/4		Fits 4 x 6-inch hole.				
MT15		19.95	20†	92	8	4.5k-20k	T				P	1/2		As above.				
PC15		229.95	100†	104	8	1.5k-20k	T				F	1 1/2						
WAVE	5 1/4" Full		104.00	45	94	4	80-18 ±3				C	2 1/8	Yes					
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	8" Sub		154.00	125	96	4	30-2 ±3	S				C	3 3/8	Yes				
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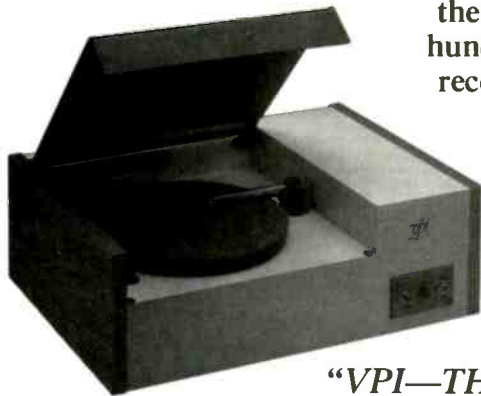
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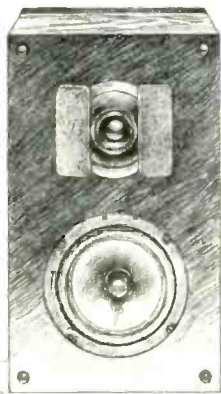
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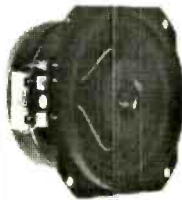
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Vas (ltrs)	19.5
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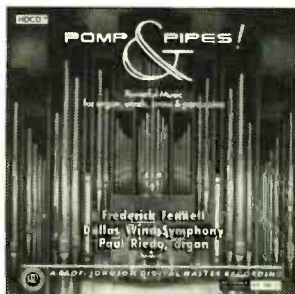
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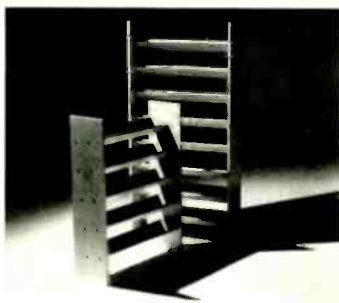
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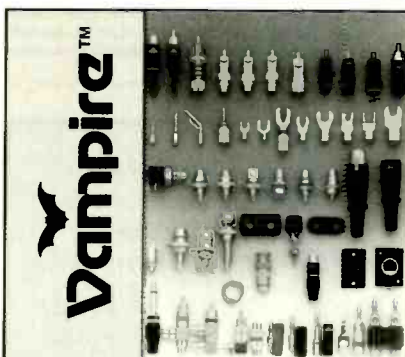
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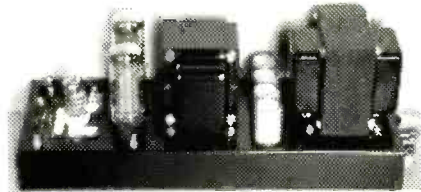
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AD INDEX

Firm (Reader Service No.)	Page
Adcom (1)	43
Advent	74
Allison Acoustics (2)	39
Apex Audio (3)	73
Audiophile Systems	25
AudioQuest	Cover IV
Bell'Oggetti (4)	35
BMG	48 a&b
Brystonvermont (5)	40
Caig Laboratories (6)	19
Cambridge Soundworks (7, 8)	30, 31
Carver (9)	55
Celestion (10)	7
Cerwin-Vega (11)	79
Columbia House	16 a-d
Coustic (13, 14)	81, 83
Crutchfield	18
Delco Electronics	36
Digital Phase (1) (2)	15
Ford	71
GMC Truck (16)	29
Hifonics (17)	47
High Street Records	9
JVC (18, 19)	12, 13
KEF (20)	23
Linnaeum (21)	19
Linn Hi-Fi	25
Martin-Logan	Cover III
Mobile Fidelity (22, 23)	3, 68
Nakamichi	61
NEON (12)	Cover II & I
Parasound	5
Pioneer (24)	20 & 21
Pyle (29)	93
Sony	10 & 11
Sound City (25)	118
U.S. Army	51
Vandersteen (26)	8
Velodyne (27)	27
Wadia Digital	45
XLO Electric (28)	63
Yamaha	33

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