96 | CATALOG

BSW

BROADCAST SUPPLY WORLDWIDE

IT'S EASY TO ORDER FROM BSW

Ordering By Telephone

Call toll-free 800•426•8434 from anywhere in the United States, Puerto Rico, US Virgin Islands and Canada. International customers please call 206•565•2301. Sales representatives are on duty 6am to 6pm Pacific Time, Monday thru Friday.

Ordering By FAX

As a convenience we have provided an order form on page 1 that you may photocopy, fill out and Fax to us toll-free at 800•231•7055. International Fax number is 206•565•8114.

Quick Index

Detailed product listings found on page 151

Payment Terms

Open account, Net 30 day billing is available to qualified domestic business and educational accounts. Credit application is provided on page 150 for accounts desiring open account status. COD is available under certain circumstances; please check with your sales rep for further details. Visa and Mastercard are accepted. Personal checks up to $1000.00 accepted with TeleCheck approval.

Shipping Information

We know fast delivery is important to you, so we make every effort to stock the items you need in a hurry. BSW's warehouse is filled with thousands of items available for immediate shipment. Some products will be drop shipped directly from the manufacturer at our discretion. BSW offers a variety of shipping options and carriers to save you money and time. We ship FOB Point of Origin unless other arrangements are made and approved in advance.

No Minimum Order

Other companies impose minimum order requirements ...not BSW. We are delighted to take your order, regardless of size. Actual shipping charges, insurance and a handling fee will apply to each order.

Returns

Should you have to return anything please contact us for a Return Authorization Number. All returns are subject to approval. In certain instances, a restocking charge may apply.

Prices

BSW's prices are routinely discounted below suggested list prices. Prices shown in catalog are provided for your assistance when budgeting and comparing different makes/models. This catalog is printed annually and manufacturers continually introduce new products and change prices. Actual BSW selling prices will be determined at time of sale and should be verified prior to ordering.

International Customers

BSW offers international customers a number of options when making purchases.
1. Prepayment via Checks/Cash/Cashier's Check. Please have funds in US dollars and checks drawn on a US bank. With only a few exceptions, checks must be received prior to the order being processed.
2. Payment via Letter of Credit.
3. Payment via Visa/Mastercard.
4. Payment via Wire Transfer. Interbank wire services (such as SWIFT) is a preferred option of payment.

Please contact a BSW International representative for information on all purchasing options and particulars.

Equipment Solutions To Keep You Number One

BSW
BROADCAST SUPPLY WORLDWIDE

Address Correspondence To:

Broadcast Supply Worldwide
7012 27th Street West
Tacoma, WA 98466 USA

Internet Website   www.bswusa.com

Catalog Design By:

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Toll-Free From USA and Canada

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Fax   800 • 231 • 7055

International Customers

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Fax   206 • 565 • 8114
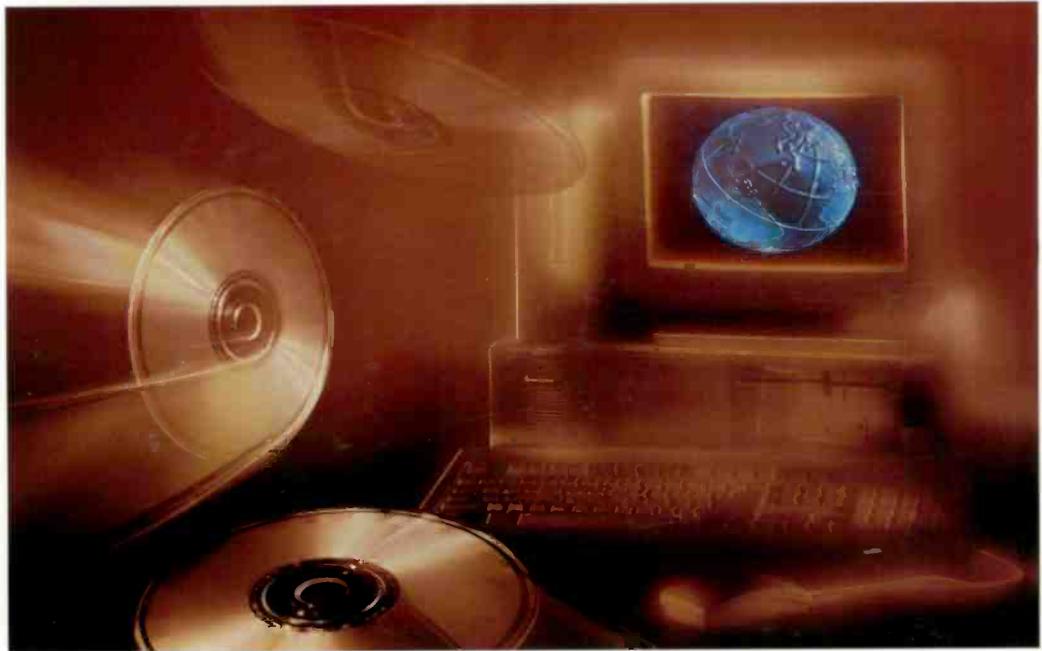
NEW OPPORTUNITIES   SOLUTIONS WITHOUT LIMITATIONS   INFINITE POSSIBILITIES

YOUR VISION IS OUR VISION

About BSW

Founded in 1973, BSW is the largest independent supplier of broadcast audio equipment, servicing thousands of broadcasters and audio professionals worldwide in over 77 countries. BSW is committed to offering unprecedented selection of products, exceptional service, and expert advice.

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7012 27th Street West
Tacoma, WA 98466 USA

Internet Website   www.bswusa.com

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design · advertising

Toll-Free From USA and Canada	International Customers
Voice 800 • 426 • 8434	Voice 206 • 565 • 2301
Fax 800 • 231 • 7055	Fax 206 • 565 • 8114

ORDER FROM BSW 3 DIFFERENT WAYS

1. Phone Toll Free 800-426-8434   **2. Fax Toll-Free 800-231-7055**   **3. Photocopy this order form, fill out, and mail.**

Billing Address:

Call Letters/Co. Name _____

Address _____

_____

City_____State_____Zip_____

Phone #(___)_____Fax #(___)_____

Attn:_____

Shipping Address: (Street address required)

Call Letters/Co. Name _____

Address _____

_____

City_____State_____Zip_____

Phone #(___)_____Fax #(___)_____

Attn:_____

QTY	MODEL #	DESCRIPTION	PRICE*	EXTENSION

Prices confirmed by BSW Sales rep_____

Date_____

SUBTOTAL_____

Please indicate desired method of shipping:

____UPS Surface____Federal Express Economy (2 day)

____Federal Express Overnight____Other (specify)_____

***SHIPPING/HANDLING**_____

TOTAL_____

Please indicate method of payment:

____Visa____MasterCard____Money Order____Company Check

____Personal Check____Open Account/Net 30*

Credit Card Acct Number_____

Expiration Date_____

Name Imprinted on Card_____

Card Billing Address_____

_____

City_____State_____Zip_____

*Net 30 day billing offered to accounts on approved credit. Should you desire an open account, please fill out credit application on page 150. *Shipping charges are based on actual shipping weights so please call for price quote if paying in advance. Shipping charges will be added to credit card if provided. All prices are subject to verification and change. A BSW representative will phone you for complete confirmation prior to shipping product. Personal checks gladly accepted up to $1,000.00, subject to Tele-Check approval.*

ALESIS

RA100/MATICA500
Power Amplifiers

Alesis amps are clean, quiet, reliable and affordable. The RA-100 features 75 watts per channel into 8Ω with only .05% THD with unbalanced 1/4" inputs.

The Matica 500™ offers high slew rate, wide bandwidth performance delivering 162 watts per channel into 8Ω. Balanced combination 1/4" TRS/XLR inputs.

RA100	Mfr. List $349.00	Call For BSW Price
MATICA500	Mfr. List $629.00	Call For BSW Price

ASHLY

SRA-120
Power Amplifier

The SRA-120 is a small, robust stereo power amplifier that offers superior sonic quality and rugged construction in a single rack space. Delivering 45 watts per channel at 8 ohms, the SRA-120 features low distortion and outstanding circuit protection. Front panel has volume controls and headphone jack.

Mfr. List $429.99   Call For BSW Price

BRYSTON

2BLP/3BNPB
Power Amplifiers

Bryston amplifiers represent the ultimate in reliability and sonic accuracy backed by an unprecedented **20 year warranty**.

The model 2B-LP is perfect for broadcast control rooms with 50 watts per channel into 8 ohms in a single rack space. Gold plated XLR and 1/4" input connectors as well as gold plated 5-way binding posts for speaker output.

The model 3B NPB offers 120 watts of ultra reliable power per channel into 8 ohms.

2BLP	Mfr. List $795.00	Call For BSW Price
3BNPB	Mfr. List $1,395.00	Call For BSW Price

CROWN

D75A/D45
Power Amplifiers

The legendary D75 features 40 watts per channel RMS with only .05% harmonic distortion and active balanced inputs with XLR connectors.

The D45 is the younger brother to the D75A offering all of the same features with 25 watts per channel into 8 ohms.

D75A	Mfr. List $625.00	Call For BSW Price
D45	Mfr. List $395.00	Call For BSW Price

POWER BASE
Power Amplifiers

Superior audio quality, bullet-proof durability, affordable pricing and an unbeatable 3-year, no-fault warranty are what make the Power Base™ amplifiers so attractive. The PB-1 offers 205 watts per channel into 8Ω, PB-2 is 320 W/8Ω and the PB-3 provides 520 W/8Ω.

PB-1 Mfr. List $875.00	Call For BSW Price
PB-2 Mfr. List $995.00	Call For BSW Price
PB-3 Mfr. List $1,375.00	Call For BSW Price

HAFLER

TRANS · ANNA/TRANS·NOVA
Power Amplifiers

Treat your ears to the phenomenal sound of Hafler Trans•Anna and Trans•Nova amplifiers. Award winning circuitry provides superb sonic integrity with the reliability professionals expect from Hafler. The P1000 Trans•Anna is perfectly suited for broadcast studio monitoring with 55 watts/channel, front panel headphone jack and both balanced and unbalanced inputs. The Trans•Nova P1500 is 75W/8Ω and the P3000 is 150W/8Ω. All models feature a 5-year warranty.

P1000 Mfr. List $499.00	Call For BSW Price
P1500 Mfr. List $549.00	Call For BSW Price
P3000 Mfr. List $799.00	Call For BSW Price

QSC

USA SERIES
Power Amplifiers

You get uncompromising performance and unexpected economy with QSC USA Series amplifiers. The USA370 features 125W per channel into 8Ω. The USA 850 has 270W per channel into 8Ω and the USA1300 has 400W per channel into 8Ω. All models feature turn on/off protection, balanced inputs/outputs and a 3-year warranty.

USA370	Mfr. List $625.00	Call For BSW Price
USA850	Mfr. List $745.00	Call For BSW Price
USA1300	Mfr. List $1,075.00	Call For BSW Price

ROLLS

RA2105/RA2200A
Power Amplifier

For inexpensive monitor amps with plenty of power and performance, choose the Rolls RA2105 or RA2200A. RA2105 is 1 rack unit high delivering 70 watts RMS/channel into 4Ω, RA2200 is 2 RU high with 130 watts RMS/channel into 8Ω. Features include turn-on delay protection, LED overload indicators, and 25/70 volt line capability.

RA2105	Mfr. List $360.00	Call For BSW Price
RA2200A	Mfr. List $473.00	Call For BSW Price

STEWART

PA SERIES
Power Amplifiers

Stewart Electronics utilizes a high frequency switch mode power supply to provide surprising power in a minimum amount of space. The PA1000 offers an amazing 200 watts per channel into 8Ω in a single rack space unit and carries a 5-year warranty. The PA50B provides 25W per channel and PA100B has 50W per channel. The PA50B and PA100B are half rack size.

PA50B	Mfr. List $299.00	Call For BSW Price
PA100B	Mfr. List $399.00	Call For BSW Price
PA1000	Mfr. List $1,099.00	Call For BSW Price

SYMETRIX

420
Power Amplifier

The model 420 is designed to handle a number of low power applications such as near field monitoring, audio/video reference, paging, multiple headphone amplification and more. It provides 20 watts (RMS) per channel into a 4 or 8 ohm load and can be bridged for 40 watts mono. THD is only .01% at full power output. Features include a front panel headphone jack with a speaker mute switch, a mono/stereo mode switch and a switch to allow the gain controls to operate independently or ganged together.

Mfr. List $399.00   Call For BSW Price

TASCAM
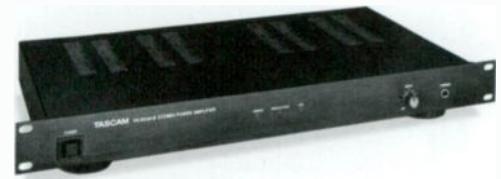
PA20MKII
Power Amplifier

The new PA-20MKII is a single space, dual channel power amplifier delivering 25 watts per channel into 8 ohms. It features low noise operation with flat frequency response, balanced XLR and unbalanced RCA inputs, headphone monitor output and continuously variable gain control. PA-20MKII can be bridged for a mono output of 50 watts.

Mfr. List $250.00   Call For BSW Price

YAMAHA

A100A
Power Amplifier

In an extraordinarily compact package, the A100A delivers a very substantial 50 continuous watts per channel into an 8Ω load. The front panel includes a headphone jack, output level controls and meters that read RMS power into 8Ω as well as RMS level in decibels. Input connectors are 1/4" and RCA. Outputs connections made via push clamp terminals.

Mfr. List $329.00   Call For BSW Price

APHEX

120A
Distribution Amplifier

The Model 120A is a high performance audio distribution amplifier with one high impedance input and four low impedance outputs, all electronically servo-balanced. The half rack wide sturdy steel chassis may be rackmounted singly, or paired with another unit in a single rack space. THD is .002% @ +4 dBm, hum and noise better than 90 dB. 1/2 rack wide.

Mfr. List $319.00   **Call For BSW Price**

ATI

ENCORE SERIES
Distribution Amplifiers

Two or four inputs, each driving three or four individually adjustable, active balanced outputs give you all the flexibility you need. Parallel the inputs together for additional outputs per channel.

DA206 (Dual 1 x 3) **Mfr. List $479.00**   **Call For BSW Price**
DA208 (Dual 1 x 4) **Mfr. List $379.00**   **Call For BSW Price**
DA412 (Quad 1 x 3) **Mfr. List $669.00**   **Call For BSW Price**
**DA416** (Quad 1 x 4)**Mfr. List $549.00**   **Call For BSW Price**

PB2X8
Distribution Amplifier/Press Box

Use the PB2X8 as a press box with a pair of summed mics driving sixteen outputs (8 transformer isolated +4 level and 8 balanced TRS, switchable between -10dBu or -50dBu) or as an extremely flexible distribution amp with a number of input to output configurations. Features include 2 balanced XLR mic/line inputs; balanced/unbalanced outputs with individual level control; VU metering of any input or output ; balanced TRS loop through input jacks; calibrated test tone oscillator; 48VDC Phantom power and a front panel headphone jack.

Mfr. List $1,399.00   **Call For BSW Price**

ATI
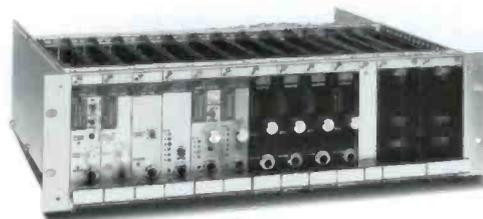
10,000 SERIES
Modular Amplifier/Distribution Systems

ATI's 10,000 Series Modular Systems include plug-in distribution, microphone and line amplifiers that are available as single and dual units, with or without metering, with transformer or active balanced outputs and optional VCAs with remote DC gain control. 10,000 Series plug-ins all use the same rack frame allowing for intermixing of all ATI module types. Now there are over 40 interchangeable microphone, line and audio DA modules to choose from.

Call For Configuration And Pricing

ESE

ES246
Distribution Amplifier

Here's a quad 1x6 DA with a difference. The ES246 offers the choice of barrier strip or Optional XLR connections, The barrier strip model is 1RU high, the XLR model is 2RU high. Front panel gain adjustment is available for each of the 4 input channels. Balanced or unbalanced operation with switchable 600Ω or 10kΩ input termination.

ES246   **Mfr. List $395.00**   **Call For BSW Price**
ES246XLR Mfr. List $595.00   **Call For BSW Price**

HENRY ENGINEERING

U.S.D.A.
Distribution Amplifier

U.S.D.A. ("Utility Summing and Distribution Amplifer") has two inputs (one stereo pair) and four outputs (two stereo pairs), and can be used as a conventional 1x4 or 2x4 distribution amplifier. U.S.D.A can also be used to combine a stereo input to a mono output.

Mfr. List $195.00   **Call For BSW Price**

PACIFIC RECORDERS

SDA8A
Stereo Distribution Amplifier

The model SDA-8A is a high quality DA that features a unique input mode switch that permits the amplifier to operate with stereo inputs to eight stereo outputs, or three monaural modes: LEFT, RIGHT, or SUM L+R to all sixteen outputs. Inputs and outputs are balanced and can be set for bridging or 600 Ω impedance levels. The SDA-8A also includes patch points on the inputs for insertion of EQ, AGC, etc. as well as mini VU meters that are switchable between the amplifier's inputs and outputs.

Mfr. List $559.00   **Call For BSW Price**

RDL

RUDA4D/STDA3
Distribution Amplifiers

The RUDA4D is a compact 1/3 rack space unit that functions as a 1x8 or 2x4 distribution amp. Individual output level adjustment and presence of audio LEDs. Requires external 24v power supply. Rack hardware optional.

For a super compact DA that can be mounted anywhere choose the STDA3. This mono 1x3 DA provides for balanced or unbalanced 20k ohm input with 20 dB of input gain adjustment. Three balanced +4 or low level unbalanced outputs.

RUDA4D Mfr. List $204.00   **Call For BSW Price**
STDA3   Mfr. List $113.00   **Call For BSW Price**
PS24A Power Supply   **BSW Price $15.00**

RADIX

DA1600
Distribution Amplifier

DA1600 features 8 stereo or 16 mono outputs with front panel level control and selectable pads to accommodate a wide range of input levels. One great feature is the removable, plug-in connectors that allow wiring changes to be made quickly and effortlessly with the DA still in the rack. Specifications: THD: .01% max @ +20 dBm out, SNR 90 dB, output separation: 90dB.

Mfr. List $435.00   **Call For BSW Price**

RANE

FDA28
Distribution Amplifier

The FDA28 is a stereo-in by 4 stereo-out or mono-in by 8 mono-out distribution amplifier. Inputs are switchable for mic or line level and include switchable phantom power. All inputs and outputs have seperate level controls. Includes power supply. Rack hardware optional.

Mfr. List $499.00   **Call For BSW Price**

WHEATSTONE

SDA82/SDA8400
Distribution Amplifiers

The model SDA82 is a quality 1x8 channel stereo distribution amplifier featuring LED status lights for all input and output channels. The SDA-8400 is an 8 output stereo DA or four 1x4 DAs in a single rack unit. Both models feature ruler flat frequency response and separate 3 conductor connectors for each input and output that eliminate the problems and hassle of barrier strips.

SDA82   Mfr. List $559.00   **Call For BSW Price**
SDA8400 Mfr. List $499.00   **Call For BSW Price**

WHIRLWIND

PRESSPOWER
Powered Pressbox

Whirlwind's Presspower provides a comprehensive and flexible audio distribution system for press conference situations. Presspower features two XLR inputs are mic or line level with selectable phantom power, ground lift and high pass filtering. There are twelve mic level outputs and 4 line level outputs. Line outputs 1 and 2 have adjustable gain with XLR and 1/4" TRS connectors. Line outs 3 and 4 are fixed level with XLR connectors. Mic outputs are XLR or 1/8" TRS. Additional features include VU meter, switchable test tone and AC or battery operation. Padded rack bag included.

Mfr. List $1,879.95   **Call For BSW Price**

Pick up listeners just about anywhere.

The Aphex Air Chain has increased fringe area coverage and reduced multipath distortion for stations around the world. WDRE-FM, a suburban New York City station, is reaching over one million more people. KALW-FM, a San Francisco public station, increased the number of paid subscribers in a fringe area 37 miles away by 37.5%! Not only are there more listeners, they are staying tuned in longer. Why? Because the Aphex Air Chain is the cleanest, most natural sounding processing available - regardless of format - while maintaining competitive loudness.

If you want more listeners and better audio, the Aphex Air Chain is the natural choice.

APHEX SYSTEMS

Improving the way the world sounds[SM]

11068 Randall Street, Sun Valley, CA 91352 • Tel: 818-767-2929, Fax: 818-767-2641

APHEX

COMPELLOR 320A
Compressor/Limiter

The Compellor 320A delivers invisible compression, and levelling simultaneously with selectable peak limiting. In addition 320A offers stereo enhance, 3 modes of stereo/dual mono operation, and comprehensive metering.

Mfr. List $1,350.00   **Call For BSW Price**

DOMINATOR II
Stereo Peak Limiter

The Dominator II represents the ultimate in clean and transparent peak limiting. Based on the popular Aphex Dominator, the Dominator II has even better performance with a dynamic range that has been increased by 24 dB to 104 dB and THD distortion of less than .005%

720   **Mfr. List $1,350.00**
722 (W/Pre/De-emphasis)   **Mfr. List $1,495.00**
Call For BSW Prices

250
Aural Exciter

With new features and improved circuitry the model 250 Aural Exciter is the perfect addition to your audio chain. Spectral phase refraction and adjustable harmonics mixing can restore the punch and clarity lost in FM processing and add new life to your AM sound. Two modes of noise reduction allow you to actually erase noise from noisy sources. Servo balanced inputs and outputs and RF filtered power make the 250 a natural for broadcast with I/O levels from -10 to +8 dBm.

Mfr. List $995.00   **Call For BSW Price**

DIGICODER
PPDM Stereo Generator

Digicoder provides unequalled sonic transparency of Class-A analog with the separation and stability of digital and maintains maximum loudness. PPDM™ (Parallel Path Digital Modulation) circuitry produces a dynamic range better than 110 dB. Features include real-time throughput, a zero overshoot lowpass filter, no internal calibration needed, greater than 65 dB of separation to 15 kHz, selectable pre-emphasis, and full remote control capability.

Mfr. List $3,995.00   **Call For BSW Price**

CRL

DP100
Digital Audio Processor

The DP100 breaks new ground in digital audio processing to give your station a unique sound that "jumps" off the dial! It's large touch screen LCD graphical display lets you easily take control of the all-digital gated AGC, 5-band compressor, multi-band limiter and graphic equalizer. The DMP100 also features CRL's exclusive stereo sound enhancement, an improved version of their dynafex® noise reduction and a true digital stereo multiplex generator.

Mfr. List $11,000.00   **Call For BSW Price**

FM/AM AUDIO
Processing Systems

CRL FM and AM modular processing can be purchased as systems or as individual components. Both AM and FM systems are comprised of combinations of basic units including multiband AGC with noise reduction, multiband compressor/limiter/EQ, final peak limiter and stereo generator for FM and AM stereo applications. Ask a BSW representative to help you configure the system that best fits your technical and financial requirements.

Pricing Based On Configuration

AMIGO
FM & AM Stereo Processors

CRL's Amigo audio processing systems combine the best of CRL technology into a complete, compact package that is economical, powerful and easy to use. The FM Amigo is a single rack space unit containing a dual band AGC followed by a variable pre-emphasis multi-band limiter and a digitally synthesized stereo generator.

Amigo AM provides complete processing for C-QUAM AM stereo in a single rack space, fully mono compatible unit. It combines a dual band AGC, 3-band stereo matrix limiter, single channel limiter, NRSC output filters, plus a full set of processing controls to customize your station's sound.

AMIGO   **Mfr. List $3,195.00**   **Call For BSW Price**
AMIGOAM **Mfr. List $3,195.00**   **Call For BSW Price**

CUTTING EDGE

UNITY 2000I/UNITY 2000AM
Audio Processors

The Unity 2000i is a complete multi-band FM processor utilizing advanced digital signal processing techniques to achieve an open, accurate sound over the full range of processing. It uses feed forward control circuitry and Cutting Edge's unique Linear Response Algorithm™ for a more musical high end and audio that never sounds harsh or synthetic regardless of how hard you process.

Functions include selectable broadband AGC, selectable phase rotator, adjustable bass enhancer, adjustable crossovers, four band processor/leveler, four band limiter, clipper/low pass filter system, stereo generator, and selectable composite processor. Nine presets are included and you may create up to 50 settings of your own. Other features include comprehensive front panel metering, four level security, day-part processing, and an RS-232 port for computer control from virtually anywhere.

For AM applications, the Unity 2000AM is a complete processor combining technical excellence with format flexibility, ease of operation and bottom line results. It utilizes the same basic processing sections as the Unity 2000i FM, but is specially tailored to suit AM's unique characteristics. The use of feed-forward processing allows the Unity AM to process more consistently at all levels, resulting in a more open, realistic sound with greater perceived loudness.

Both processors come with Unity Remote Software which enables you to control your processing from nearly anywhere by PC and modem. The software allows you to evaluate and modify your processing while listening in real-world environments. Optional AES/EBU digital I/O is also available.

UNITY2000I   Mfr. List $7,500.00   Call For BSW Price
UNITY2000AM Mfr. List $7,200.00   Call For BSW Price

DIVIDEND
FM Composite Filter

The Dividend reduces noise in the upper composite spectrum from 53 kHz to 99 kHz. That noise is often generated by audio processing and STLs. By installing the Dividend, stations can achieve a noise floor of greater than -60 dB. This provides a clean SCA environment for the most demanding subcarriers.

Great for stations that use FM subcarriers for (RBDS/RDS), microwave STLs, composite clipping, or want to regain lost modulation, or reduce multipath related distortion.

Mfr. List $1,195.00   Call For BSW Price

DBX

168A
Dynamics Processor

The 168A is a dual channel unit that uses an all new dbx compressor design to perform smooth, inaudible AGC leveling and/or more aggressive, dense sounding compression. This unique mix of dynamics processing works with a wide variety of program material. These characteristics make the 168A perfect for use as a preprocessor for final peak limiters or as the head end to your STL system. Each channel features compressor, feed forward de-esser, high and low frequency spectral enhancement, silence gate and output level. Additional features include high resolution gain reduction and peak output metering, hardwire bypass and floating balanced XLR in/out.

Mfr. List $999.00   Call For BSW Price

INOVONICS

DAVID/DAVID II
Integrated FM Audio Processor

Inovonics' DAVID and DAVID II integrate FM audio processing and stereo generation into a single, easy to use and affordable package. Both units contain a comprehensive audio processing section that produces a signal which is both competitive and fully protected from overmodulation as well as a digitally synthesized stereo generator. DAVID II lets you get a more "aggressive" sound without sacrificing ease of setup. It also includes a unique "bass-enhance" feature.

DAVID   Mfr. List $1,875.00   Call For BSW Price
DAVID II Mfr. List $1,985.00   Call For BSW Price

222-00
AM NRSC Processor

222-00 incorporates an adaptive pre-emphasis characteristic to enhance signal intelligibility and presence, and a sharp roll-off to eliminate adjacent channel interference. With a built-in peak limiter, the 222-00 can act as a stand alone processor, or interface with existing processing.

Mfr. List $620.00   Call For BSW Price

ORBAN

8200 OPTIMOD ™
Digital Audio Processor

The 8200 is a complete digital audio processing system for FM broadcast, fulfilling all of your station's processing needs: automatic gain control, compression, peak modulation control and stereo generation.

Flexible software based processing allows you to select from several factory presets or adjust and store your own custom presets (up to 32) for instant recall. The 8200 can be purchased in two basic configurations; as a two-band processor for transmitter protection with minimal processing or as a five-band processor for more comprehensive modulation control. It is fully expandable to incorporate future software upgrades and processing structures. Automatic program switching can be programmed into the internal clock to follow format changes throughout the day or night.

Two optional digital interface cards are available; the 8200D/32 basic card allowing 32 kHz AES/EBU inputs and outputs, or the 8200D/SRC which can accept inputs of 32, 44.1 or 48 kHz AES/EBU and convert for output of 32, 44.1 or 48 kHz AES/EBU.

8200PC Software (included with purchase of 8200) provides broadcasters with full control of a station's processing from any location. 8200PC displays all of the 8200's meters and processing controls on a computer screen via modem communications or direct connection.

8200/U2S (Two Band Processing Structure)	**Mfr. List $7,400.00**
8200/U3S (Five Band Processing Structure)	**Mfr. List $10,400.00**
8200D/32	**Mfr. List $725.00**
8200D/SRC	**Mfr. List $1,550.00**

Call For BSW Prices

8208U
Digital Stereo Encoder

The 8208U stand-alone Digital Stereo Encoder allows you to split your audio processing and stereo encoder for digital STL applications to maintain the highest signal quality. The 8208U accepts any sampling rate input from 32 kHz to 48 kHz and responds to status bits in the AES/EBU data stream that may be used to turn de-emphasis on or off. Additional features include LED metering of composite output level, pilot level, left and right input and output levels, automatically reverts to analog input with absence of digital input and opto-isolated remote control.

Mfr. List $1,975.00   **Call For BSW Price**

ORBAN

8200ST
Optimod Studio Chassis

Based on the popular 464A Co-Operator, the 8200ST is designed with improved noise and distortion specs and provides average or peak level control by combining stereo AGC compressor/limiter, HF limiter and peak controller, The 8200ST is the perfect companion for the Optimod 8200, used on the studio end of an STL system.

8200ST/U Mfr. List $1,400.00   Call For BSW Price

8100A1/U75F OPTIMOD ™
FM Audio Processor

Optimod 8100A, the analog predecessor to the 8200, is still available with all of the punch and clarity it has become famous for. Included functions in the 8100 are multiband compression, limiting and stereo generation. Pricing and information on companion products and options are available upon request.

**8100A1/U75 Mfr. List $6,250.00   Call For BSW Price**

9100B OPTIMOD ™
AM Audio Processor

9100B has become a standard for AM analog processing. It contains a wide band AGC, 6-band limiter, safety clipper, and all appropriate filtering for complete processing control. The net result is very high average modulation (loudness), exceptional fidelity, uncanny naturalness, and freedom from processing artifacts, yielding an FM-like sound on all types of receivers. NRSC compliant.

9100B1/U10 (Mono)   Mfr. List $4,550.00
Call For BSW Price
9100B2/U10 (Stereo)   Mfr. List $6,350.00
Call For BSW Price

MODULATION SCIENCES

CP803
Composite Processor

Sharpen your competitive edge by adding the CP803 to your compressor/limiter/stereo generator to enhance the stereo composite signal. Increase your signal by 6 dB with greater dynamic range without the breathing, pumping or swishing associated with conventional processing.

Mfr. List $1,495.00   **Call For BSW Price**
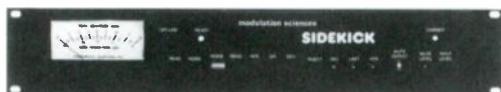
SCA186
Sidekick Subcarrier Generator

All you need for SCA in a single chassis. Contains subcarrier generator, audio processing, peak holding deviation meter, noise generator and incidental AM noise meter to optimize transmitter tuning for minimum cross talk. Available at 67 kHz or 92 kHz.

Mfr. List $3,835.00   **Call For BSW Price**

QEI

710A
Digital FM Stereo Generator

Now owners of digital or analog STLs can gain the performance benefits of digital stereo encoding with this state of the art, stand alone digital stereo generator. The 710A accepts any analog input or AES/EBU input with sample rates from 12 kHz to 56 kHz. 24 bit DSP internal processing and 18 bit D/A output conversion offer the ultimate in quality and performance. Additional features include MPX composite test output, audio failure alarm output and remote control of audio source selection and pre-emphasis.

Mfr. List $4,295.00   **Call For BSW Price**

EVENTIDE

BD500
Digital Broadcast Delay

From the inventors of the digital talk show delay comes the new BD500 with Eventide's patented automatic catch-up circuitry, optional digital I/O, plus a host of new conveniences at a breakthrough price. The BD500 lets you divide the total available delay time into several discrete segments (user definable) to protect against multiple obscenities that occur in succession. The "sneeze" button momentarily "edits" audio entering the delay, allowing the host to sneeze, cough, or make a short comment without being heard on air, and without dead air. The BD500 not only shows an exact digital read out of delay time, but also has a "quick read" bar graph to instantly confirm that you have delay time left. RS-232 port and dry contacts provided for remote control.

Mfr. List $3,195.00   **Call For BSW Price**

BD941/BD942
Broadcast Delays

The Eventide BD941 and BD942 provide a simple and practical "one-button" method for eliminating the risk of on-air obscenities. The mono BD941 is available in 6 and 12 second versions—the stereo BD942 offers 3 or 6 seconds of delay.

BD941-6 (Mono, 6 Second Delay)   **Mfr. List $1,795.00**
BD942-6 (Stereo, 6 Second Delay)   **Mfr. List $2,395.00**
Call For BSW Prices

SYMETRIX

610
Broadcast Profanity Delay

Now there's a cost effective way to deal with on-air profanities. The Symetrix 610 Broadcast Delay allows talk show hosts to "dump" obnoxious callers and automatically build back 7.5 seconds of delay time. Selectable build up time and a two-stage dump option let you set the catch-up time for the speed and intensity of your show. The 610 provides true stereo delay with additional features such as a "cough" button, an "Exit" function, automatic bypass mode, remote control/status connector and a switchable input attenuator to simplify hookup.

Mfr. List $2,695.00   **Call For BSW Price**

RANE

AVA22
Audio/Video Alignment Delay

The AVA 22 provides a cost-effective solution to the problem of aligning audio to video in broadcast. Modern video processing and satellite links can create time delays between audio and video of up to several frames. The AVA 22 has a maximum delay of 9.5 NTSC (8.0 PAL/SECAM) frames and can operate as a stereo unit or as two independent mono channels.

Mfr. List $799.00   **Call For BSW Price**

MODULATION SCIENCES

STEREOMAXX
Spatial Enhancer

Almost all air chain processors work to increase loudness. StereoMaxx makes your station sound bigger, not just louder. Works with all on-air audio processing units.

Mfr. List $2,889.00   **Call For BSW Price**

ORBAN

222A
Spatial Enhancer

The Orban 222A stereo spatial enhancer detects and enhances psychoacoustic directional cues to give your station enhanced stereo imaging. The 222A accomplishes this with no increase in FM multipath distortion, unnatural reverberation, or sensitivity to vertical tracing distortion.

Mfr. List $975.00   **Call For BSW Price**

275A
Stereo Synthesizer

The Orban 275A stereo synthesizer automatically detects mono signals and blends to mono-compatible synthesized stereo. Includes auto-polarity detector/corrector and single-ended noise reduction. Electronically balanced inputs and outputs.

Mfr. List $2,400.00   **Call For BSW Price**

AIR CORP

500PH
Voice Processor

The 500PH is packed with features for broadcast such as front panel input level selection, three band EQ, compressor/expander, de-esser, effects insert point, remote control via DB-25 port and simultaneous mic and line level output for mix minus set-up.

Mfr. List $799.00   **Call For BSW Price**

CRL

IPP100
Voice Processor

IPP100 combines microprocessor controlled circuitry with easy to use "analog" style controls. It features selectable mic/line level inputs, two band parametric EQ (constant Q), two band compressor with gating, 18 memory "pre-sets", security lock, remote jack for switching of presets.

IPP100   **Mfr. List $1,895.00**
IPP100R (Remote Panel)   **Mfr. List $395.00**

Call For BSW Prices

DBX

286
Voice Processor

The dbx 286 microphone processor may be just the cure for spicing up your on-air vocals. It sports a single, studio quality mic preamp with phantom power, an innovative new compressor circuit, de-esser, patented high frequency and low frequency detail controls, high-pass filter, and an expander/gate section. To make it flexible for any application, the 286 allows balanced mic and line level inputs and features an insert jack for utilizing outboard processing and effects.

Mfr. List $349.00   **Call For BSW Price**

ORBAN

787A/U
Voice Processor

The 787A/U is a programmable mic and line level processor with three band parametric equalizer, compressor, de-esser, noise gate and/or compressor gate integrated in a compact, powerful system. The 787A/U stores up to 99 different control setups in memory for instant recall, perfect for stations with multiple on-air personalities or busy production suites that are used by a variety of different individuals. An internal battery backup protects settings even if power goes down. Effects send and return ports are provided for use with external reverb/effects units. Optional mic preamp, MIDI and RS232 interface available.

Mfr. List $1,450.00   **Call For BSW Price**

RANE

VP12
Voice Processor

The VP12 is a mic or line level voice processor that incorporates a studio-grade microphone pre-amp stage, low and hi cut filters, de-esser, gate/compressor and two channels of parametric EQ. Inputs can be made via XLR mic input with switchable phantom power or separate balanced line input and can be selected separately or summed together. The hi/low cut filters tailor the frequency range to the specific application while the de-esser provides effective sibilance control. Dynamic control is covered by the flexible combination of expander/gate and compressor and the two bands of parametric EQ, each with 20 kHz bandwidth allow flexible frequency control.

Mfr. List $599.00   **Call For BSW Price**

ROLLS

HR11C
Voice Processor

Compact and cost effective, HR11C features a mic preamp with phantom power, compressor/limiter, notch filter, 10-band graphic equalizer, and an output control.

Mfr. List $225.00   **Call For BSW Price**

SYMETRIX

601
Digital Voice Processor

The Symetrix 601 accepts mic or line level analog input signals and converts them to 18 bit digital for true digital signal processing. Processing includes shelving and fully parametric EQ, notch filtering, noise reduction, de-essing, delay, stereo synthesis, gating expansion, compression and AGC. With the 601, control is easy and intuitive. If you want EQ, you go straight to the EQ buttons and dial in the sound you prefer using the large alpha wheel. Select the factory presets or store your own presets for dial-in access. The 601 also features digital inputs and outputs (AES/EBU, S/PDIF) and MIDI control capability.

Mfr. List $1,995.00   **Call For BSW Price**

528E
Voice Processor

The 528E from Symetrix is a refinement of the industry standard 528 microphone processor. In addition to the 5 previous functions; microphone pre-amplification, de-essing, compression/limiting, downward expansion and parametric equalization, the 528E includes a voice symmetry switch (phase rotator) that corrects for excessive positive or negative signal peaks of the human voice. The mic preamp now features a switchable 15 dB pad to compensate for mics with hot output levels.

Mfr. List $699.00   **Call For BSW Price**

VALLEY AUDIO

401
Voice Processor

The Valley 401 microphone processor retains the distinctive sonic signature of its popular predecessor, adding improved performance specifications, component quality and greater resistance to RFI/TVI. The great combination of low noise, high gain mic preamp, 3-band EQ, compressor, expander/gate and de-esser will help bring out the best in your on-air talent.

Mfr. List $799.00   **Call For BSW Price**

ALESIS

3630
Compressor/Limiter/Gate

This dual channel compressor/limiter with gate is ideal for a number of applications from vocal recording to stereo program mixdown to dynamic control for STL systems. Switchable RMS/ Peak and Hard knee/Soft Knee styles of compression with variable attack and release in peak mode allow you to customize the 3630's dynamic response to suit the job at hand, while each channel's independent built-in noise gate ensures quiet performance. Use the 3630's sidechain for de-essing or ducking functions. Dual mono or stereo operation.

Mfr. List $299.00   **Call For BSW Price**

APHEX

108 EASYRIDER
Automatic Compressor

Aphex has employed it's cutting edge technology to create one of the easiest to use, yet most effective and natural sounding compressors available. The model 108 Easyrider™ utilizes Aphex's patented Wave Dependent Compressor™ circuitry and No-Knee™ compression curve to automatically set attack and release times as well as compression ratios for whatever input signal you feed it. The result is absolutely smooth dynamic control without the typical pumping, breathing or dulling effects.

Mfr. List $349.00   **Call For BSW Price**

661
Tube Compressor/Limiter

Offering the ultimate in performance and flexibility, the single channel model 661 combines several of Aphex's leading technologies such as Expressor™ manual compression circuitry, Easyrider® automatic compression and Tubessence® tube sound circuitry. Push compression levels to the maximum with clarity or let the 661 fly on autopilot with smooth automatic gain control. You choose the level of control you need. Warm up and improve the sound of your digital audio recorder or workstation as well as add new life to vocals for on-air or production with this exceptional product.

Mfr. List $749.00   **Call For BSW Price**

ART

MDC2001
Dynamic Processor

For virtually any application requiring compression, limiting, expansion, noise gating, de-essing, signal enhancement, and sibilance correction, this single rack space unit will perform like nothing else available. Each function can be adjusted independently with over 45 LEDs to precisely monitor all functions and level variations. A revolutionary new VCA offers super dynamic range and ultra-low distortion.

Mfr. List $525.00   **Call For BSW Price**

CS2
Compressor/Limiter/Gate

Art's V.L.S.I. (Very Large Scale Integration) micro chip is the basis for the CS2, an extremely cost effective, yet very high quality compressor/limiter/gate.

This two channel unit can function as two totally independent mono processors or can be linked for stereo. Select hard or soft knee type compression, limiter with automatic slope and attack and a simple gate with threshold and release. CS2 also includes balanced I/O and advanced LED metering.

Mfr. List $279.00   **Call For BSW Price**

MDM8L
8-Channel Limiter

This space saving unit offers 8 independent compressor/limiter channels in a single rack unit. The perfect tool for digital multi-track recorders or workstations, the MDM8L offers a 2.5:1 compressor followed by a peak limiter to assure consistent audio levels without causing digital devices to clip. Each channel can be used independently or all channels may be controlled from one set of input/output controls. Additional features include stereo, or multichannel linking, balanced 1/4" TRS ins and outs and a 5-year warranty.

Mfr. List $629.00   **Call For BSW Price**

DBX

1066
Compressor/Limiter/Gate

This flexible dynamics control device allows you to choose the level and style of compression/limiting you like. Want that classic "dbx" sound? Just push the "Auto" button. Or use the independent attack and release controls to tailor the 1066 to your specific needs. With dbx's new V2™ VCA you can do it all with stunning clarity and the absence of discernible noise and distortion. You can create ducking effects as well as frequency dependant limiting by inserting other processors into the 1066's side chain input. Perfect for speaker systems and digital recording applications, the new PeakStopPlus™ circuitry offers stiff limiting without unwanted side effects. New lightpipe technology replaces standard LEDs making the 1066 both very easy to read and operate.

Mfr. List $549.00   **Call For BSW Price**

166A
Compressor/Limiter/Expander/Gate

Two channel, stereo linkable compressor/limiter/expander/gate with a choice of Over-Easy® or hard knee compression with two sets of program dependent attack and release time constants. Expander/gate features continuously variable release and a 75 dB threshold range. PeakStop® limiting protects against overloads to digital devices and switchable low frequency shelf prevents LF programming from "punching" holes in your sound. Balanced XLR and 1/4" inputs.

Mfr. List $549.00   **Call For BSW Price**

266
Compressor/Gate

The 266 is a full-featured, high-performance dual compressor/gate that uses the dbx AutoDynamic™ attack and release circuitry to deliver true, musical dbx compression for a wide range of applications, plus an advanced dbx gate circuit for smooth, natural sounding gating. Additional features include stereo or dual-mono operation, balanced inputs and a side chain insert.

Mfr. List $299.00   **Call For BSW Price**

DBX

160A
Compressor/Limiter

The 160A delivers the same outstanding performance and easy to use operational flexibility of the famous 160 plus a stronger chassis design and improved signal path. This single channel compressor/limiter offers the choice of Over-Easy® or Hard Knee operation with a range of compression ratios from 1:1 through infinity as well as negative compression. Its metering shows gain reduction of the compressed signal compared with either the input or the output level. It features balanced inputs and independent balanced and unbalanced outputs that will simultaneously drive their loads up to +24dBu.

Mfr. List $459.00   **Call For BSW Price**

163A
Compressor/Limiter

The 163A was designed for simplicity without sacrificing sonic quality. A single fader, along with the level-set control, provides the flexible combination of compression and gain at a consistent output level. Single channel. Optional rack mount hardware for single or dual unit available.

Mfr. List $169.00   **Call For BSW Price**

PRESONUS

DCP8
Audio Dynamics Processor

The DCP-8 8-channel Audio Dynamics Processor features 8 discrete compressor/limiters, 8 noise gates, 8 independent mutes, and 8 automated level channels, all under precise digital control and housed in a single rack space chassis. Using internal storage, all settings can be instantly recalled for up to 100 'audio scenes'. It's the perfect companion for digital recorders and digital audio workstations or any multichannel audio applications such as remotes, satellite feeds, PA systems, whatever! Full MIDI interface provides control of all parameters, automated mutes and level changes. Additional features include channel grouping, stereo linking, audio level conversion and an optional meter bridge.

Mfr. List $999.00   **Call For BSW Price**

RANE

FSC22
2-Channel /Stereo Compressor Limiter

This half-rack sized 2-channel compressor/limiter packs incredible flexibility and quality at an affordable price. It's Dual/Slave switch allows it to be used as two independent mono channels or strapped for stereo. Controls include ratio and threshold along with a system response switch allowing selection of fast/slow attack/release times. Metering is selectable to show output or gain reduction. Trim for -10 or +4 dBv levels.

Mfr. List $399.00   **Call For BSW Price**

ROLLS

RP252
Compressor/Limiter/Gate

The Rolls RP252 is a two channel compressor/limiter/gate with a surprising amount of features considering it's low cost. Variable threshold, compression ratio, attack, release and output level as well as gate threshold and release time make the RP252 extremely flexible. Also included are separate side chain inputs and outputs for ducking and de-essing, and a stereo link for dual mono or stereo operation.

Mfr. List $275.00   **Call For BSW Price**

SYMETRIX

488
8-Channel Compressor Interface

The Symetrix 488 DYNA-Squeeze™ is an eight channel compressor/interface for use with digital multitrack recorders and workstations. Patched between your mixing console and recorder, the 488 gently squeezes your tracks toward the upper end of the recorder's dynamic range. The results are hotter, more useable tracks without digital clipping. The 488 is extremely easy to use. Just select +4 or -10 output level and adjust the DYNA-Squeeze™ threshold for the sound you like - it's that easy. Includes balanced 1/4" inputs, unbalanced 1/4" outputs, LED gain reduction metering and bypass switch.

Mfr. List $579.00   **Call For BSW Price**

SYMETRIX

602
Digital Stereo Processor

The Symetrix 602 stereo digital processor is a digital domain audio toolbox that integrates three essential processing blocks into one user-friendly package: parametric EQ, multi-dynamics processing (comp/limit/AGC/downward expander/noise reduction/de-essing) and time domain effects - all simultaneously. With the 602, control is easy and intuitive. If you want EQ, you go straight to the EQ buttons and dial in the sound you prefer using the large alpha wheel. Select the factory presets or store your own presets for dial-in access. The 602 also features digital inputs and outputs (AES/EBU, S/PDIF) and MIDI control capability.

Mfr. List $1,995.00   **Call For BSW Price**

421/422
Automatic Gain Controllers

The sheer versatility of the Symetrix 421 will lend itself to almost every broadcast situation that requires stable, consistent audio level control. The 421 is an incredibly accurate, single channel, fast-acting AGC that keeps an "audio eye" on the operators. Simply set your target output level and walk away. The 421 works like a "phantom-hand" on the fader for accurate audio level control. What really sets the 421 apart is the way its "smart" circuitry reacts to real-world situations. The Activity Release Monitor circuit instantly distinguishes the difference between real signals (music and speech) and noise and feedback. The 422 offers the same intelligent gain-riding performance as the 421, but for stereo audio signals. It's simplified controls make it very easy to set up and use.

421 Mfr. List $569.00   **Call For BSW Price**
422 Mfr. List $595.00   **Call For BSW Price**

425
Dual-Channel Compressor/Limiter/Expander

The Symetrix model 425 offers integrated dynamics processing with a downward expander, compressor and limiter. It can be used for two independent channels or ganged for stereo operation. Separate threshold controls for expander, compressor and limiter give plenty of flexibility to achieve the sound you need. This unit features balanced XLR or unbalanced 1/4" inputs and outputs.

Mfr. List $999.95   **Call For BSW Price**

SYMETRIX

501
Compressor/Limiter

Two processor device with variable ratio compressor and an infinity-to-1 peak limiter for the ultimate in compression limiting. Selectable automatic mode significantly reduces overshoot and distortion. Balanced and unbalanced inputs and outputs. Used in broadcasting, music recording, sound reinforcement and tape duplication. Two units required for stereo.

Mfr. List $379.00　　　　　**Call For BSW Price**

SX208
Stereo Compressor/Limiter

The SX208 stereo compressor/limiter is a true stereo dynamic controller offering both studio sonic performance and ease of operation at a very economical price. Only half-rack size, the SX208 offers full-sized performance with a dynamic range in excess of 110 dB and typical distortion less than .03%. Balanced or unbalanced operation.

Mfr. List $319.00　　　　　**Call For BSW Price**

VALLEY AUDIO

730
Digital Dynamics Processor

The Valley 730 digital processor offers true digital compression, expansion, high frequency compression, limiting and multi-ratio, multi-threshold dynamics control. Digital I/O software selectable AES/EBU, S/PDIF or optical ports. Model 730DD features digital only I/O, the model 730ADD offers digital and analog interface.

730DD　Mfr. List From $2,798.00　Call For BSW Price
730ADD Mfr. List From $3,548.00　Call For BSW Price

ALESIS

MEQ230
Graphic Equalizer

No other equalizer offers more EQ control in such a small package. The M-EQ 230™ sports two complete 30-band 1/3 octave equalizers in one rack space! Each channel can handle frequencies from 25 Hz to 20 kHz with ±12dB boost or cut per band. Power up delay circuitry protects speakers from damage on power up.

Mfr. List $299.00　　　　　**Call For BSW Price**

ART

HD31/HD15
Graphic Equalizer

There's no need to worry about phase shift or sound coloration with the HD Series graphic EQs from ART. Constant "Q" circuitry and the absolute finest electrical components ensure transparent, accurate operation. Both units feature balanced inputs and outputs, 60 mm high resolution faders, signal/clip LEDs, switchable and subsonic/ultrasonic filters. Choose the single channel 31 band HD31 or two channel 15 band HD15.

HD31 Mfr. List $459.00　　　**Call For BSW Price**
HD15 Mfr. List $459.00　　　**Call For BSW Price**

ASHLY

GQX SERIES
Graphic Equalizers

Ashly EQs offer super quiet performance and excellent RF immunity with constant "Q" design. Input and output connections are barrier strip, 1/4" and locking XLR jacks. Outputs are servo balanced. Model GQX-1502 is a dual 15 band EQ, model GQX-3101 is single channel 31 band and the GQX-3102 is a dual 31 band unit. The 31 band models include switchable 6 and 15 dB cut/boost range and a switchable/tunable low cut filter.

GQX1502 Mfr. List $499.00　　**Call For BSW Price**
GQX3101 Mfr. List $599.00　　**Call For BSW Price**
GQX3102 Mfr. List $999.99　　**Call For BSW Price**
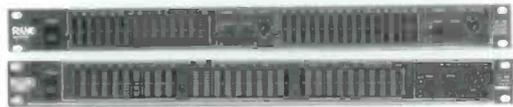
RANE

ME15B/ME30B
Equalizers

The Rane ME15B is a 2 channel, 15 band 2/3 octave EQ in a single rack space unit. The ME30B is a single channel unit with 30 bands (1/3 octave). Both units feature Rane's constant bandwidth (Q) interpolating filters for precise control with reduced ripple and interaction. Features include a range switch for the 20mm faders allowing cut or boost of ±12dB or ±6dB; input and output level controls and balanced inputs and outputs via barriers strip or 1/4" TRS connectors.

ME15B Mfr. List $429.00   **Call For BSW Price**
ME30B Mfr. List $419.00   **Call For BSW Price**

ROLLS

REQ215
Graphic Equalizer

Leave it to Rolls to create a low cost, two channel, 2/3 octave equalizer in a single rack space with features and performance comparable to higher priced EQs. The Rolls REQ215 provides smooth band pass filtering that's virtually distortion-free with transparent low-noise circuitry. It's high and low shelving filters provide adjustable roll-off and high cut functions. 5 segment LED metering makes level setting easy and accurate. Inputs and outputs are balanced XLR or unbalanced 1/4" phone jack.

Mfr. List $250.00   **Call For BSW Price**

SYMETRIX

SX201
Parametric Equalizer

The Model SX201 is a high performance studio quality parametric equalizer/notch filter in a remarkably compact 1/2 rack package. It offers three fully parametric bands of equalization with 15 dB boost and 30 dB cut capability. Overlapping frequency controls cover the entire audio range from 16 Hz to 20 kHz. Bandwidth is continuously variable from .05 octave (for deep notch filtering), to 3.3 octaves (for smooth tone shaping). Superb sonic integrity, extremely low noise and low distortion performance.

Mfr. List $319.00   **Call For BSW Price**

ALESIS

Q2™
Digital Effects Processor

One of the most advanced and comprehensive reverb/effect processors in its price class, the Alesis Q2™ rivals reverb systems costing much more for pristine sonic quality. It's powerful processor and unique "digital patch cables" allow up to 8 effects to be combined in any order without signal degradation. With all of its power, the Q2™ is visually oriented and very easy to understand and use. Effect types include reverb, delay/modulation, pitch and equalizer. Select one of the 100 great sounding factory presets or edit and store up to 100 of your own.

Mfr. List $799.00   **Call For BSW Price**

MIDIVERB 4
Digital Effects Processor

If you want to exercise more control over your digital effects, but your budget puts limits on your overall system plans, then the MidiVerb 4 simultaneous digital effects processor is for you. It features 128 great factory presets including reverbs, delays, chorus, flanging and pitch effects. A comprehensive editing system lets you program your own effects and store them in 128 memory locations. MidiVerb 4 can operate as stereo in stereo out; mono in stereo out; 2 independent mono channels or in cascade mode for combining effects.

Mfr. List $399.00   **Call For BSW Price**

MICROVERB 4
Digital Effects Processor

The MicroVerb®4 is an easy to use, true stereo, 18-bit effect processor in an affordable package. Its 100 preset and 100 user-storable programs include many varieties of reverbs, delays, chorus, flange and more. In addition to mono and stereo programs with single and multiple effect combinations, it offers dual-send programs that allow you to send one effect to one channel and a completely different effect to the other. MicroVerb®4 offers 20 kHz frequency response and is very easy to use.

Mfr. List $299.00   **Call For BSW Price**

ART

FXR/FXR ELITE
Digital Effects Processors

ART's acclaimed 24-bit superchip is the foundation for the FXR and FXR Elite effects units, providing two discrete channels of effects processing with stunning audio quality at incredibly low prices. Units can be mono in/stereo out, stereo in/stereo out, or two independent effects channels at once. FXR offers 250 preset sounds and combinations, FXR Elite is a user programmable version of FXR with MIDI interface.

FXR	Mfr. List $259.00	Call For BSW Price
FXR ELITE	Mfr. List $345.00	Call For BSW Price

RXR ELITE
Digital Reverb Processor

The RXR Elite provides two independent, or stereo linked channels of great sounding reverb that rivals reverbs costing much more. The secret to RXR Elite's great sound is based on two factors. First, ART has harnessed the full power of their V.L.S.I. (Very Large Scale Integration) microchip toward one specific function: reverb. Second, ART has created 8 completely new reverb algorithms using their proprietary Acoustic Room Modeling process and the results are breathtaking.

The RXR Elite is fully programmable. Parameters include decay time, pre-delay time, gate time, gate room size, tunable high and low pass filters, damping and mix. The presets are all definable and are arranged in 8 banks with 16 presets in each.

Mfr. List $369.00　　　　　**Call For BSW Price**

MR1
Digital Reverb

The MR1 is a mono in/out, preset only, digital reverb processor that actually fits in the palm of your hand. Full 16 bit processing assures you of crystal clear sound anywhere you need reverb. The MR1's presets include 5 plates, 5 rooms, 4 halls and 2 chamber reverb algorithms. Two rotary controls allow you to quickly select your sound and set the reverb level. Level matching switches optimize levels for different applications and bypass switch is included to A/B wet and dry signals.

Mfr. List $179.00　　　　　**Call For BSW Price**

DIGITECH

STUDIO QUAD
Digital Effects Processor

Digitech's Studio Quad is like having 4 separate effects units in a single rack space. It uses S-DISC™ processing made famous by the TSR24 for superb sounding audio with unbelievable flexibility. Studio Quad offers 4 basic effect groups: small reverb, large reverb, delay and pitch/modulation (detuning, chorus flanging, etc.). In addition it provides gating, 6-band parametric EQ, 8-band graphic EQ as well as auto input leveling. The clincher is that you can mix and match all these effects in any combination to each of the 4 separate channels. Best of all you don't need a degree to run the Studio Quad. It's large LCD screen and illuminated buttons make it easy to see what's happening and make necessary changes.

Mfr. List $499.95　　　　　**Call For BSW Price**

TSR6
Digital Effects Processor

This true stereo processor utilizes award-winning S-DISC™ processing for the highest quality effects in it's price range. It's 99 factory programs include reverb, chorus, flange, detuning, delays and parametric EQ. You can modify and save up to 99 of your own combinations of sounds easily and on the fly via the simple user interface.

Mfr. List $299.95　　　　　**Call For BSW Price**

EVENTIDE

H3000 SERIES
Broadcast Ultra-Harmonizers

In addition to offering natural sounding reverbs, delays, pitch control etc. the H3000B Broadcast Ultra-Harmonizers allow broadcasters the ability to create special effects and character voices quickly, at the push of a button. The H3000B+ contains all of the original effects and time compression with the addition of algorithms for gating, compression and ducking. For those not needing the variable-speed tape machine control included in the B+, there is the H3000B/LT lite version at a reduced price.

H3000B/LT	Mfr. List $2,495.00
H3000BPLUS	Mfr. List $2,995.00
	Call For BSW Prices

EVENTIDE

H3500 SERIES
Studio Ultra-Harmonizers

At the top of Eventide's line of broadcast effects units is the H3500BDFX. The H3500BDFX offers all the great sounds of the latest Mod Factory DFX algorithms featuring ambience, reverbs, special effects, full bandwidth and glitch-free pitch shifting. Plus, it offers 11.7 seconds stereo (H3500BDFX) or 47.5 seconds stereo (H3500BDFX/E) sampling time.

H3500BDFX	Mfr. List $3,995.00
H3500BDFX/E	Mfr. List $4,995.00

Call For BSW Prices

LEXICON

ALEX/REFLEX
Digital Effects Processors

The Alex digital effects processor and Reflex Dynamic MIDI® reverberator put Lexicon's legendary digital reverb and effects processing into two remarkably affordable packages. Both offer a multi-character LED display, and full remote control of program change and bypass via standard footswitches. In addition Reflex features Lexicon's incredible Dynamic MIDI® control. Alex and Reflex have 16 presets with three adjustable parameters giving you over 4000 effects combinations of reverbs, chorus, flanging, echoes and delays, plus another 16 user registers (128 in Reflex) for storing your own unique sounds.

ALEX	Mfr. List $399.00	**Call For BSW Price**
REFLEX	Mfr. List $499.00	**Call For BSW Price**

YAMAHA

SPX1000
Effects Processor

The SPX1000 is a highly sophisticated, full stereo, digital reverberation and effects system which offers 40 preset effect programs including reverb, delay, echo, compressor/expander, harmonic exciter, sampling and more. The SPX1000 also provides up to 5 effects at one time. With a sampling frequency of 44.1 kHz, it delivers full, flat frequency response from 20 Hz to 20 kHz.

Mfr. List $1,790.00 **Call For BSW Price**

YAMAHA

SPX990
Effects Processor

Yamaha's SPX990 professional multi-effects processor offers unprecedented signal processing quality and control. 20-bit A/D and D/A conversion, true stereo processing and a three-stage effect configuration make it easy to achieve a really "polished" sound. It has 80 preset effects including reverbs, pitch change effects, tempo-based delays and much more. 100 memory locations are provided for your own custom presets. The SPX990 also accepts external memory cards that can store up to 100 effects programs each.

Mfr. List $1,179.00 **Call For BSW Price**

REV100
Effects Processor

Now you can have great sounding Yamaha digital effects in an inexpensive, simple to use unit. The REV100 is a true stereo-in stereo-out unit with reverb, delay and modulation effects, plus a range of combinations that are fully editable. The three most critical parameters for all effects programs are adjustable via rotary controls. Just dial in the sound you want and hit the STORE button to save, or select one of the 99 great factory programs. Additional features include input and output level controls, peak LEDs and MIDI interface.

Mfr. List $299.00 **Call For BSW Price**

APHEX

104
Type C² Aural Exciter

The 104 is Aphex's newest generation aural exciter in an affordable package. It offers further improvements on the Aural Exciter circuitry making it quieter and easier to set up and use. It also features Big Bottom, a new circuit which increases the "perception" of low frequencies without substantially increasing the peak output level.

Mfr. List $349.00 **Call For BSW Price**

BBE

862
Sonic Maximizer

The 862 utilizes phase compensation/equalization circuitry to add significant articulation and definition to otherwise muddy or dull audio. More than just boosting certain frequencies, the 862 compensates for phase distortions induced by amplifiers and speakers to offer a very hearable improvement in recording and monitoring systems. Balanced/unbalanced inputs and outputs.

Mfr. List $599.00   **Call For BSW Price**

BEYER

VITALIZER
Psychoacoustic Equalizer

The Vitalizer is a new equalization system that takes the concept of "audio sweetening" to a new level. Especially designed to be compatible with the way the human ear perceives sound, the Vitalizer's sophisticated network of interactive filters actually reshapes the entire audio spectrum so that listeners perceive sounds as louder, clearer and more detailed. This unique circuitry consists of a resonant loop of filters that function interactively in a way that correlates amplitude with phase response to demask individual frequencies that might otherwise remain buried in a complex mix. The result is a clear, detailed sound without the muddiness or boominess often associated with extensive processing. Excellent for restoration, final mixdown, duplication and broadcast applications. The Classic Vitalizer features two independent channels of equalization. The Stereo Vitalizer has a single set of controls for both right and left channels.

CLASSIC VITALIZER	Mfr. List $1,499.00
STEREO VITALIZER	Mfr. List $1,199.00

Call For BSW Prices

DBX

296
Spectral Enhancer

The dbx 296 spectral enhancer utilizes patented spectral processing to add detail, sparkle, and definition to program material while reducing background hiss. Each channel features controls for input level, hiss reduction, LF correction and HF correction. LED metering displays filter activity and clip indicator helps set proper levels. Inputs and outputs are balanced.

Mfr. List $349.00   **Call For BSW Price**

CRL

DX2
Noise Reduction

The DX2 incorporates Dynafex™ noise reduction circuitry that provides up to 30 dB of noise reduction without the encode/decode process. The Dynafex™ system has gained wide popularity in the professional audio market because of its ability to remove noise from virtually any audio source. Unit is two channel.

Mfr. List $850.00   **Call For BSW Price**

ROLAND

SN-550
Digital Noise Eliminator

The SN-550 is a two channel, fully digital noise elimination system that employs exclusively designed DSP circuitry to remove all types of noise without "breathing" or changing the tonality of the overall sound. This is achieved with two separate circuits that handle noise and hum independently.

Mfr. List $2,095.00   **Call For BSW Price**

SABINE

FBX SERIES
Feedback Reduction Systems

The FBX Series Feedback Exterminators from Sabine utilize digital FBX filtering (10 times narrower than graphic EQ filters) to automatically find and eliminate feedback without taking a big chunk out of your sound. These units are perfect for remote PA applications or for studios where live monitors are being employed. The entry level unit is the FBX-Solo. Only 2 3/4" wide, these single channel units can be applied to individual channels or a main output channel. Model SL-610 is for line level inputs and the SM-610 features a mic level input with gain control. Up to six units can be mounted in a single rack space. The FBX-901 (single channel) and FBX-1802 are single rack space units that offer more control over filter depth and number of filters employed.

| SL-610	Mfr. List $299.95	Call For BSW Price
SM-610	Mfr. List $349.95	Call For BSW Price
FBX901	Mfr. List $649.95	Call For BSW Price
FBX1802	Mfr. List $1,299.95	Call For BSW Price

AUDIOLAB

TD1B
Bulk Eraser

Erases cassettes, cartridges and up to 10 1/2" reels. Automatic thermal protection to avoid burn-out.

Mfr. List $145.00   **Call For BSW Price**

FIDELIPAC

400/395
Bulk Eraser

395

400

The 400 provides over 2000 Gauss of erasure power. Enclosed in a hardwood case with laminate top, it will efficiently erase cartridges, cassettes, and up to 1" wide open reel tape.

The hand-held 395 is rugged, light weight, and has thermal protection. Perfect for erasing cartridges and cassettes.

400 Mfr. List $160.00   **Call For BSW Price**
395 Mfr. List $85.00   **Call For BSW Price**

GENEVA

PF211
Bulk Eraser

It only takes a few seconds to prepare used tapes for like-new performance. The PF211 generates 2300 Gauss field intensity and is perfect for erasing cassettes, carts, and 1/2" wide open reel tapes.

Mfr. List $79.99   **Call For BSW Price**

SONAR

VX1401
Bulk Eraser

For audio tape degaussing, the VX1401 from Sonar offers outstanding value. For all tape formats from cassettes to carts to open reel.

Mfr. List $79.00   **Call For BSW Price**

AUDICORD

DL SERIES
Cartridge Machines

The Audicord DL Series stands up to the daily grind of broadcasting and offers features to make the operator's job easier.

Playback features include replay lock-out to prevent accidental replay errors; manual or automatic muting of output audio; cue status indicators; mute lamp to indicate audio on/off status; automatic motor turn-off and multi-color LED level indicators.

Record features include bias and tone presence indicators; automatic meter switching from record to replay; optional recording shutoff with the end of SEC tone; full +8 dBm output ability with 12 db of headroom; slide back cover design allows for quick and easy access for cleaning; complete remote control connections (plugs are furnished) and multi-color LED level indicators.

DLPM (Playback, Mono)   **Mfr. List $1,050.00**
DLPS (Playback, Stereo)   **Mfr. List $1,150.00**
DLRM (Record/Play, Mono)   **Mfr. List $1,550.00**
DLRS (Record/Play, Stereo)   **Mfr. List $1,800.00**

Call For BSW Prices
Dual Transport Units Available

BROADCAST ELECTRONICS

DT90A SERIES
Cartridge Machines

Available in mono and stereo record/play and playback configurations, Dura Trak 90 cart machines offer sparkling audio performance, durability, and all the features broadcasters need most, at an affordable price. Features include: superior cart guidance system, rugged direct drive motor, fast forward standard, three cue tones standard, cart-previously-played lockout, 1/2" aluminum deck plate, fully floating active balanced outputs, automatic audio mute switching, front panel 1 kHz record defeat, pressure roller cleaning mode and more.

DT90APS Mfr. List $1,800.00 **Call For BSW Price**
DT90ARPS Mfr. List $2,750.00 **Call For BSW Price**
Mono Models Available

FIDELIPAC

DCR1000 SERIES
Digital Cart Machine

Fidelipac's DCR1000 provides CD quality audio utilizing low cost, 3 1/2" high density floppy discs. Virtually every other physical characteristic, from the layout of the control buttons to secondary and tertiary cue tones, to the remote interface is identical to analog cart machines, without the maintenance hassles.

A built-in clock/calendar checks commercials against their kill dates. Disk titling, length marking of recording, cue tone editing, cut preview and tightening are accomplished using the supplied keyboard. Other features include multiple sampling rates, start on audio, extended scale peak metering, RS232/422 port, a parallel printer port for printing disc labels and AES/EBU digital inputs.

> **DCR1020** (Master Player unit)   **Mfr. List $2,975.00**
> **DCR1040** (Record Module)   **Mfr. List $2,500.00**
> **Call For BSW Prices**

CTR10 SERIES
Cartridge Machines

The Dynamax CTR10 Series features fast forward, three cue tones standard, high speed cueing, selectable front panel metering for audio, phase and cue tones on recorders, on board audio switcher and mixer, transformerless audio circuitry and selectable restart disable.

> **CTR12** (Stereo Play)   **Mfr. List $1,935.00**
> **CTR14** (Stereo Record/Play)   **Mfr. List $2,890.00**
> **Call For BSW Prices**

ESD10
Eraser/Splice Finder

Dual, full track heads are incorporated instead of a coil below the deck plate on the ESD10. The result is an erase depth of 85 dB or more and better signal-to-noise ratio when you record your carts. Splice detection is extremely reliable. Tape speed is 27.5 ips.

> **Mfr. List $1,290.00**   **Call For BSW Price**

ITC

SERIES 1
Cartridge Machines

The newest advances in mechanical and electronic technology have been incorporated in the SERIES 1 to provide premium quality and faultless operation at an affordable price. High speed cue, three cue tones, transformer outputs, and heavy cast aluminum deck are just a few of the features designed into this machine.

> **SERIES 1 RPS** (Stereo Record/Play)   **Mfr. List $3,400.00**
> **SERIES 1 PS** (Stereo Playback)   **Mfr. List $2,200.00**
> **Call For BSW Prices**
> *Mono Units Available*
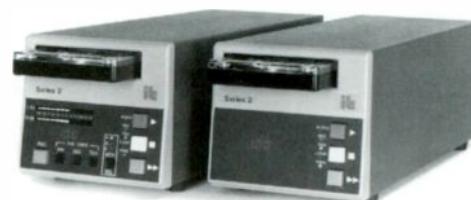
SERIES 2
Cartridge Machines

Like the SERIES 1 shown above, the ITC SERIES 2 machine offers additional features such as microprocessor control, digital tape timer, active balanced outputs, and Dolby HX Pro noise reduction.

> **SERIES 2 RPS** (Stereo Record/Play)   **Mfr. List $3,890.00**
> **SERIES 2 PS** (Stereo Play Only)   **Mfr. List $2,735.00**
> **Call For BSW Prices**
> *Mono Units Available*
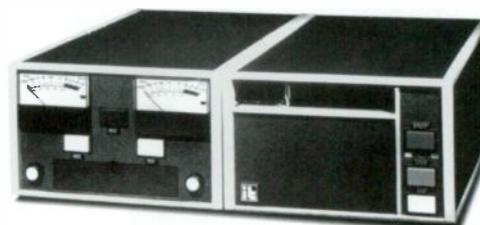
99B SERIES
Cartridge Machines

Loaded with features, the 99B Series delights the most discriminating user and listener. Central to the 99B Series is the patented ELSA feature found in the recorder. The ELSA cartridge preparation feature automatically erases the cartridge, locates the splice and azimuth aligns the record head for maximum phase response performance. The 99B Series standard features include microprocessor controlled logic, high speed cueing, and three cue tones.

> **99BRPSE** (Stereo Record/Play)   **Mfr. List $7,080.00**
> **Call For BSW Price**

AUDIOPAK

AA SERIES
Audio Cartridges

Model **AA4** is recommended for stereo use with SGS4 HOLN tape in a phase resistant cartridge (blue base/blue top). The **AA3**, also recommended for stereo, comes loaded with standard bias tape in phase resistant cartridge (blue base/clear top). Model **AA2** is for mono use featuring standard bias tape in the familiar black shell. (black base/clear top).

Call For Competitive Pricing

ITC
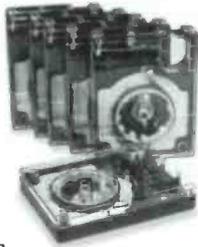
ITC CART II
Stereo Cartridges

These high bias cartridges utilize 1.5 mil tape with a unique padless tape path that greatly prolongs the usable life of the cart. (black base/clear top and no pads)

Call For Competitive Pricing

FIDELIPAC

DYNAMAX COBALT
Stereo Cartridge

Super hot tape in precision cartridge
(dark grey base/smokey grey top)

MASTERCART
Stereo Cartridge

HOLN tape in rugged cartridge
(red base/clear top)

300 SERIES
Mono Cartridge

Standard bias tape in the familiar grey cartridge
(grey bottom/clear top)

Call For BSW Competitive Prices

AUDIOPAK

FORMULA 17(605)
Standard Output

17918100 (1800' reel)	**BSW Price $18.00**
17942605 (4200' hub)	**BSW Price $31.50**
17984605 (8400' hub)	＊ **BSW Price $49.00**
Sold In Case Lots Only	

Q17(613) HOLN

17618613 (1800' reel)	**BSW Price $25.50**

BSW

CARTRIDGE LABELS

These removable labels are affixed to tractor fed backing paper making them suitable for use with printers. Available in six colors (black, red, orange, green, blue, yellow). White logo and low intensity colors allow for maximum printing space and visibility.

Rolls (1000 Labels) **BSW Price $21.95 per roll**

FIDELIPAC

326
Height Gauge
BSW Price $30.00

328
Head Insertion Gauge
BSW Price $8.00

387
Right Angle Zenith
BSW Price $36.00

DENON

DN790R
Professional Cassette Deck

Denon's top of the line cassette deck, the DN-790R features the Dolby S noise reduction system, long-life amorphous heads (3-head configuration), aluminum die-cast head base and dual capstan drive for rock-solid tape transport and absolutely faithful audio recordings. This professional rack mount unit also features Dolby B, C and HX Pro, ±12% pitch control, accurate music search and auto bias tuning. Engineers will appreciate the balanced XLR and RCA ins and outs as well as the unique 3-wire remote control system that makes it a breeze to wire remote control for 6 machine functions including Play, FF, REW, STOP, PAUSE and REC/REC MUTE.

Mfr. List $1,000.00　　　　　**Call For BSW Price**

DN720R
Professional Cassette Deck

For a lower cost alternative to a balanced professional cassette deck choose the Denon DN720R. DN720R has professional features like extra long life amorphous heads, ±12% speed control, ultra stable tape transport, real time counter, wired remote control and 19" rack mount brackets.

Mfr. List $500.00　　　　　**Call For BSW Price**

DN770R
Professional Cassette Deck

This twin well, dual output deck offers flexible features such as independent, simultaneous playback from both wells, record while playing back, 3 hour continuous record, high/low speed dubbing, ±12% speed control (each well), long life amorphous heads, ultra stable tape transport, real time counter and 19" rack mount brackets.

Mfr. List $700.00　　　　　**Call For BSW Price**

MARANTZ

PMD501

PMD502

PMD501/502
Cassette Recorders

The PMD501 and PMD502 cassette decks provide Marantz quality, durability and features at very competitive prices. Both decks are "Broadcast Ready" with rack mounting hardware, large buttons for easy access and control, front panel headphone jack and inputs for the WRC200 optional wired remote control. The PMD501 features Dolby B noise reduction and quick auto reverse. The PMD502 adds front panel mic inputs, Dolby B, C and HX Pro NR, ±15% pitch control and optional XLR line I/O.

PMD501 Mfr. List $329.00	Call For BSW Price
PMD502 Mfr. List $499.00	Call For BSW Price
WRC200 Mfr. List $149.00	Call For BSW Price

PMD510/500
Dual Cassette Recorders

The Marantz PMD510 is a rack-mountable, dual well cassette recorder that was built with the professional in mind. Each of the two wells is a completely independent cassette deck with it's own discrete set of stereo inputs and stereo outputs, two motors, two heads, pitch control, stereo bargraph meters, linear time counters, Dolby B, C, and HX Pro, and large, easy to operate transport keys. The headphone output is switchable between deck A, B or A&B. Additional features include 2-speed dubbing, serial recording and multiple unit real time dubbing with optional RC5PMD remote accessory. The WRC200 offers wired remote control for both units.

The PMD500 offers the same basic features as the 510 but both cassette wells share transport controls, inputs/outputs and metering.

PMD510 Mfr. List $829.00	Call For BSW Price
PMD500 Mfr. List $639.00	Call For BSW Price
WRC200 Mfr. List $149.00	Call For BSW Price

TASCAM

122MKIII
Professional Cassette Deck

The 122MKIII features a full 3-head system with CA (Cobalt Amorphous) record and playback heads, uncompromised electronics, a precision FG-servo direct-drive capstan motor and balanced XLR type I/O (+4 dBm). New features include Dolby HX Pro, B & C noise reduction, gear/clutch-coupled input level controls, audible cue & review, ±12% pitch control, real-time tape counter, three locate points, flexible monitor selector and a 25 pin D sub connector parallel port that allows connection for multi-deck operation or remote transport control.

Mfr. List $1,3499.00   **Call For BSW Price**

112MKII
Professional Cassette Deck

The 112MKII incorporates most of the features of the 122MKIII in a 2-head configuration. It comes out of the box with unbalanced, -10 inputs and outputs, but if you require balanced XLR, +4 ins and outs, simply order the balanced I/O kit.

112MKII Mfr. List $849.00   **Call For BSW Price**
LA112 Balance Kit Mfr. List $100.00 Call For BSW Price

302
Professional Cassette Deck

The model 302 is actually two independent cassette decks housed in a single 3RU chassis. Each of the two decks is capable of recording individually or simultaneously, giving you exceptional flexibility for high speed dubbing, continuous recording or playback. Both decks have independent sets of interface connectors (RCA), transport controls, pitch control, noise reduction functions, LED metering, and much more. Control I/O and cascade outputs allow linking of up to 10 additional machines. The 302 is equipped with Dolby B, C and HX Pro. The RC-302 remote control is available as an option.

Mfr. List $699.00   **Call For BSW Price**

TASCAM

102MKII/202MKIII
Cassette Decks

These quality rackmount cassette decks offer great performance at an affordable price. The **102MKII** is a basic single-well deck that features Dolby B and C noise reduction, Dolby HX Pro frequency extension and a front panel headphone jack. The **202MKIII** dubbing deck can make two identical copies simultaneously from an external master source, dub from on deck to the other and provide continuous auto reverse playback and recording between both decks. Other useful features include front panel R & L mic inputs, front panel headphone jack, Dolby B, C and HXPRO.

102MKII Mfr. List $369.00   **Call For BSW Price**
202MKIII Mfr. List $529.00   **Call For BSW Price**

238/238S
Professional Cassette Deck

Forever fighting budget and space constraints while trying to achieve great sound quality? The Tascam 238/238S 8-channel cassette recorder is for you. In only three rack spaces you get an excellent sounding multi-track recorder thanks to advanced head design, dual speed transport and either dbx (model 238) or Dolby S (model 238S) noise reduction. Features auto punch-in/punch-out, ±12% pitch control and 3-point memory locate.

238   Mfr. List $1,899.00   **Call For BSW Price**
238S Mfr. List $2,199.00   **Call For BSW Price**

134B
Multi-Channel A/V Deck

The 4-channel 134B offers a wide variety of features for multi-image and A/V applications: Three audio + 1 cue (or 4 audio) channels, RS232 and parallel remote ports, built-in 25 Hz cue tone generator, internal 4x2 mixer, ±12% pitch control, one button audio start with/without auto return to start and much more.

Mfr. List $1,629.00   **Call For BSW Price**

Consumer cassette decks offer the broadcaster a cost effective alternative to professional machines. Even though durability and interface capabilities are limited, consumer machines do offer many advanced features and good sound quality.

Please note that the products listed were current models at the time of printing. Current model numbers, features, and pricing may vary.

TEAC

V375/W416
Rack Cassette Deck

These consumer cassette machines, combined with the optional RK2 rack kit, offer good sound quality in a rack mountable package for an incredibly low price. Both units feature hard permalloy record/playback heads, Dolby B NR, 2-color LED level meter, 3-position tape selector and auto stop. The Teac model V375 is a single-well machine. The W416 is a dual-well deck with continuous playback and high/normal speed dubbing.

V375 Mfr. List $119.00	**Call For BSW Price**
W416 Mfr. List $149.00	**Call For BSW Price**
RK2 Rack Kit fits V375 and W416	**BSW Price $28.95**

TECHNICS

RSTR373/575
Double Cassette Decks

The RSTR373 and RSTR575 offer outstanding quality and convenience in a dual cassette format. Both decks feature superquick FF and REW; 24 hour continuous playback; Dolby B, C, HX Pro and high/low speed dubbing. RSTR575 adds record/play capability from both decks, up to 3 hour continuous recording and auto tape calibration. Both units can be made rack mountable with the ProRax RK4 rack kit.

RSTR373 Mfr. List $219.95	**Call For BSW Price**
RSTR575 Mfr. List $269.95	**Call For BSW Price**
RK4	**BSW Price $30.00**

MARANTZ

PMD SERIES
Portable Cassette Recorders

Without a doubt, Marantz makes the most popular portable cassette recorders used in broadcast, with 5 models to choose from to match your application.

PMD200 Series machines share common characteristics such as 7 1/2 hours of continuous recording on 3 "D" size batteries (AC power supply included); modular telephone jack for direct telephone recording and playback; switchable limiter; built-in electret condenser microphone and monitor speaker. The PMD201 is a mono 2 head machine. Both the PMD221 and PMD222 feature 3 heads for confidence monitoring. PMD222 features an XLR mic input. Other 200 Series features include Vari-speed; 3-position mic attenuation; line input and output jacks; cue and review; volume and tone control and automatic or manual record level.

The PMD101 is a slightly scaled down version of PMD201, yet it offers all of the necessary features of a great professional field recorder. It includes a built-in speaker, electret condenser mic, normal or 1/2 speed operation, ±20% pitch control on playback, external mic input, line in/out and more - all housed in a sturdy metal chassis. Does not include a VU meter, the RJ11 output jack and adjustable mic level (utilizes built-in AGC). AC adaptor must be ordered separately with the PMD101.

The PMD430 is a high-quality stereo recorder similar to the 200 Series models.

PMD101 2 Head Mono	**Mfr. List $279.00**
PMD201 2 Head Mono	**Mfr. List $379.00**
PMD221 3 Head Mono	**Mfr. List $449.00**
PMD222 3 Head XLR Mic Input	**Mfr. List $479.00**
PMD430 3 Head Stereo (Includes Case)	**Mfr. List $649.00**
Call For BSW Prices	

Accessories:

CLC221 Vinyl Carrying Case	**BSW Price $40.00**
CA221 12 volt car adaptor	**BSW Price $40.00**
DA36T AC adaptor for PMD101	**BSW Price $13.00**
KEB20 nylon carrying bag w/ extra storage	**BSW Price $24.95**
IC6 mic adaptor cable for PMD201/221	**BSW Price $15.00**
FSK221 field support/repair kit	**BSW Price $57.00**

PANASONIC

RQL340
Mini Portable Cassette Recorder

This handy portable recorder is great for news gathering or taking audio notes. It features AC/ Battery operation (includes AC adaptor/recharger and Ni-Cad batteries) built-in condenser mic with AGC; three tape speeds; auto-stop and pause; LED indicator (record/ battery and AGC); one touch and voice activated recording; Cue and Review; tone control (HI/LO); tape counter as well as mic and headphone jacks.

Mfr. List $59.95   Call For BSW Price

SONY

TCD5 PROII
Portable Cassette Recorder

The TCD5 PROII is ideally suited to a wide range of professional audio applications. Twin VU meters, LED peak level indicator, built-in monitor speaker, and headphone jack eliminate guess work so you have great recordings. Peak limiter and mic attenuator eliminate clipping and suppress excess signal levels by 20 dB to prevent distortion. Inputs are mic level XLR connectors. Outputs are unbalanced RCA connectors. Powered by 2 "D" size batteries, the TCD5 PROII allows 4.5 hours of recording time. AC power supply available optionally.

Mfr. List $999.00   Call For BSW Price

YAMAHA

MT50
4-Track Cassette Recorder

Here's a mini production studio you can fit into your briefcase. The MT50 includes a 4-track recorder, 4 channel mixer with 2-band EQ all in one compact unit. It offers 4-track simultaneous recording for remote work or simple productions.

Mfr. List $479.00   Call For BSW Price

BSW

Custom Loaded Cassettes

BSW cassettes are loaded in standard lengths including 5, 10, 20, 30, 45, 60, and 90 minutes, with custom lengths available (minimum 100 qty. on special orders). Three grades of tape are available: VC voice quality, MC music quality (HOLN), CP (high bias chromium compatible). Quantity price breaks are available. Competitive Prices.

Call BSW For Current Pricing

Cassettes are always listed in __total__ recording time.
i.e. VC60 has 30 min. per side, VC10 has 5 min. per side

CASSETTE BOXES / LABELS

CLEARBOX (clear hard shell box)   BSW Price .18 ea.
POLYBOX (soft semi-clear box)   BSW Price .22 ea.
CASSSHW (sheet of 12 white labels)   BSW Price .32 ea.
Minimum quantity is 25 cassettes.

TDK

Endless Loop Cassettes

BSW provides endless loop cassettes as well as studio-grade mastering cassettes from TDK. Available in a variety of lengths. Call us with your requirements.

Call BSW For Competitive Prices

DISCWASHER

FG1230   FG1450

FG1230/FG1450
Cassette Cleaner & Demagnetizer

FG1230 Perfect Path® safely removes tape oxides and contamination from delicate tape heads. FG1450 head demagnatizer helps maintain full frequency response.

FG1230 Mfr. List $4.95   Call For BSW Price
FG1450 Mfr. List $14.95   Call For BSW Price

DENON

DN610F
CD/Cassette Deck

This compact unit combines a separate CD player and cassette recorder in one 3RU chassis. Operate the CD and cassette decks independently or dub from CD to cassette, even mix the outputs of both. The CD player features a 10-key pad for direct track selection and powerful playback functions. The cassette deck is auto-reverse with Dolby B noise reduction and variable pitch up to ±12%. Inputs and outputs are unbalanced RCA type.

Mfr. List $700.00   **Call For BSW Price**

DN2000FMKII
Double CD Player

For club work or live on-air shows nothing offers the ease of use and smooth beat mixing of the DN2000FMKII. It features large operating controls and a pitch slider for ±8% pitch adjustment. It's unique pitch bend feature helps you nudge beats of two tracks into sync. Cue to music, instant start and separate control and transport units make it ideal for the air studio.

Mfr. List $1,300.00   **Call For BSW Price**

DN650F
Compact Disc Player

The Denon DN650F offers fantastic features including instant start (.01 sec.); instant re-cue; cue to audio with adjustable threshold; variable speed playback control; time remaining/elapsed time display; end monitor with selectable duration; adjustable EOM display; fade-in function with adjustable duration; remote connector with multiple fader start/stop modes; multiple play modes including single-track play with stop; re-cue or next functions and several continuous play options.

Mfr. List $800.00   **Call For BSW Price**

DENON

DN951FA

DN970FA

DN951FA/DN970FA
CD Cart Players

CD cart players, pioneered by Denon, are the standard for CD playback in the broadcast industry offering the convenience and durability of carts and digital audio quality.

The DN951FA is Denon's basic on-air playback unit. In addition to simple operation and extreme durability, it features instant cueing aided by a select dial, a simple audition function, single or continuous play, a digital display showing remaining or elapsed time in minutes, seconds, and frames, 4-times oversampling, variable output level through XLR connectors, and complete remote accessibility. End monitor feature allows the operator to listen to the outro of the song.

The DN970FA goes beyond the DN951FA with advanced features for production such as: 3 point cue memory, variable speed, external synchronization, and more.

Denon's unique Auto Track Select feature for both the 951 and 970 allows the program director to have total or partial control over the cuts to be played on the air. The machines read special barcode labels for three levels of control over play: Track Exclusive, Track Priority, and Track Lockout.

DN951FA	**Mfr. List $1,500.00**
DN970FA	**Mfr. List $2,800.00**
ACD5B CD Cart Shells	**Mfr. List $4.75 ea.**
Bar Code Labels (Sheet)	**Mfr. List $9.00 ea.**

Call For BSW Prices

DN961FA
Compact Disc Player

Here is a Denon professional machine for broadcasters who want all the features and performance found in the CD Cart™ Players, but without the CD Carts. The DN961FA is basicly a *drawer-loading* version of the DN951FA shown above. Once a CD is in the play mode the DN961FA's eject button is disabled so no accidents occur while the unit is on the air. Three units will fit side-by-side in a rack. Does not allow the Automatic Track Select feature.

Mfr. List $1,500.00   **Call For BSW Price**

MARANTZ

PMD320/PMD321
Compact Disc Players

The new Marantz PMD320 and PMD321 CD players are designed to provide a cost effective, commercial grade CD source for audio professionals. Both units are rack mountable and feature ±10% pitch control, fader start, digital output, 10-key direct track access and front panel headphone jacks. The PMD321 adds +4 dBu balanced XLR outs and cue-to-music mode. Optional remote control is WRC200

PMD320 Mfr. List $399.00	Call For BSW Price
PMD321 Mfr. List $529.00	Call For BSW Price
WRC200 Mfr. List $149.00	Call For BSW Price

CDR620
Compact Disc Recorder

The Marantz CDR620 is a stand alone write-once compact disc recorder. Features include a sample rate converter; DAT start ID/CD track converter; SCSI-II computer interface for CD-ROM recording; complete Red/Orange Book compatibility; Balanced analog I/O; AES/EBU and IEC-958-II digital I/O; multiple unit cascading and an optional full-function remote control.

Mfr. List $5,000.00   **Call For BSW Price**

PIONEER

CDJ500G
CD Player

Nicknamed the Digital Turntable, the CDJ500G has the look and feel of an analog turntable with an oversized cue wheel, large Cue and Start buttons and a long throw slider that can adjust the speed ±10% with, or without pitch change! Additional features include automatic cueing, seamless loops, extra large back-lit display and built-in CD+G for karaoke applications.

Mfr. List $995.00   **Call For BSW Price**

SONY

CDP2700
Compact Disc Player

The CDP2700 employs an 18-bit system with 8 times oversampling for superb audio quality. One of it's most striking features is it's ability to "remember" index code for up to 145 discs allowing it to memorize play mode settings that are recalled each time the disc is inserted. Automatic playback of up to 24 selections in any order is possible. Other features include: Variable speed (±12%), both AES/EBU and unbalanced IEC-958 digital outputs, 8-pin DIN jack for remote control interface, and rack mount adaptors (supplied).

Mfr. List $1,525.00   **Call For BSW Price**

TASCAM

CD401MKII
Compact Disc Player

The CD401MKII is rack mount ready, and has XLR balanced outputs. It features a precision 3-beam pickup controlled by a special track and focus system combined with 18-bit 4 times oversampling D/A converters for excellent sound quality. New features include pitch control, fader start, auto cue, single play, digital out and more. An optional remote control (RC401) is also available.

Mfr. List $1,049.00   **Call For BSW Price**

CD301MKII/CD201
Compact Disc Players

The CD301MKII and CD201 are affordable rack mount CD players designed for the broadcast environment. Notable features on both units are an industrial grade transport mechanism, auto cue function with 2 sensitivity levels, single play function, S/PDIF digital output and a rear panel timer on/off switch. In addition the CD301MKII offers balanced +4dBm XLR outputs. Both units can utilize the RC31 optional remote control.

CD301MKII	Mfr. List $739.00	Call For BSW Price
CD201	Mfr. List $529.00	Call For BSW Price
RC31	Mfr. List $90.00	Call For BSW Price

TECHNICS

SLPG350/450
CD Players

Both the SLPG350 and SLPG450 CD players feature auto cue-to-music and peak level search. In addition, the SLPG450 features 30-key wireless remote control, 10-key direct access on front panel and wireless remote and front panel headphone jack w/volume control.

SLPG350 Mfr. List $169.95	**Call For BSW Price**
SLPG450 Mfr. List $189.95	**Call For BSW Price**
RK1 Rack Mount Kit	**BSW Price $24.95**

BSW

CDBOX
CD Jewel Boxes

Whether you're replacing broken CD cases or trying to protect the CDs music companies send you in a plastic bag, BSW CD boxes are the perfect solution.

BSW Price .55 ea. Quantity discounts available

DENON

CD TEST　　　　　ACD5B

CD TEST/ACD5B
CD Accessories

CD Test is an outstanding CD Test Disc from Denon with 99 audio tests that include frequency sweeps, tone bursts, pink noise, IM distortion, square waves, and more.

ACD5B are the patented CD Carts for the DN951FA, DN790FA and the DN950FA CD Cart players.

CD TEST BSW Price $19.95

ACD5B　BSW Price $4.75 ea. Quantity discounts available.

DISCWASHER

FG1107　　　　　FG1163

CDC

CDC
CD Cleaner

Discwasher's patented rotary technique safely and effectively removes contaminants from your CDs.

CDC CD cleaner BSW Price $16.40

FG1107
CD Lens Cleaner

Safely removes contaminants from CD player's laser lens with unique wet/dry cleaning action. Kit includes cleaning solution, cleaning disc, and one replacement cleaning pad.

BSW Price $18.30

FG1163
CD Repair Kit

This handy kit can actually remove small scratches and blemishes in the disc. The kit includes fluid, polish, applicators, and polishing wipes.

BSW Price $10.10

GENEVA

CD Cleaning fluid　　　　Disc Wipes

PF425
Disc Wipes

No-nonsense, easy-to-use tissues safely remove dust and fingerprints from CDs. 70 wipes per container.

BSW Price $7.20

PF416
CD Cleaning Fluid

Safely cleans critical playback CD surfaces. Convenient 1 oz. spray bottle.

BSW Price $5.85

INTERCLEAN

CD121

CD101A

LL151

CD/LL SERIES
CD & Laser Lens Cleaners

ART's CD-101A is a manual disc cleaner that consists of non-alcohol, non-CFC ULTRA-PURE cleaning fluid and a nonabrasive cotton cleaning pad bound to a wood applicator.

The CD-121A Compact Disc Cleaning System utilizes a special radial action combined with ULTRA-PURE fluid to remove any contaminants from your CD in a manner that won't interfere with encoded data.

To help maintain optimum laser pickup, choose the LL-151 CD laser lens cleaner with special dual fiber brushes that effectively remove accumulated dust and dirt from the optical lens. This can be purchased separately or in a package with the CD-121A as kit LLCD-1.

CD101A	**BSW Price**	**$11.95**
CD121	**BSW Price**	**$24.95**
LL151	**BSW Price**	**$24.95**
LLCD1	**BSW Price**	**$35.95**

HBS

CD Music Libraries

Halland Broadcast Services CD and hard drive music libraries are being used by more than 1,000 broadcasters worldwide. All libraries feature original hit versions by the original artist and include a comprehensive data base, ready to load into your music scheduling system. Halland's researched playlists give you more programmable titles, not useless "filler" tracks. Choose from several CD libraries or when you're ready to load your music on hard disk, Halland will provide a custom music mix for you.

Rock 'N' Roll Graffiti features the most requested oldies from the 50's and 60's with 1229 songs on 50 CDs. **Seventies AC Gold** includes 545 songs on 30 CDs covering 1970-1979. **AC/Hot AC Eighties and Nineties** contains all the hits from 1980 through today with 941 songs on 54 CDs. **Country Hits** is the best of today's hottest country artists with 819 songs on 39 CDs. **Classic Rock** is a new supplemental library of the best album tracks of the 60's, 70's and 80's with over 350 songs on pre-loaded hard drive.

Call For BSW Pricing

SOUND IDEAS

CD Sound Effects/Production Music

No matter what you're after in the way of sound effects, Sound Ideas probably has it. There are 12 sound effects series to choose from including series created in conjunction with Hanna-Barbera, Warner Bros., Universal Studios, Lucasfilm and 20th Century Fox, with tens of thousands of individual digitally recorded effects. Additional libraries include sound effects on CD-ROM and a collection of instrument sounds and effects for digital samplers.

Call For Descriptions And BSW Prices

VALENTINO INC.

CD Sound Effects

You'll be amazed at the quality of these digitally recorded and mastered discs. All Valentino sound effects are grouped together by category for convenience and all sound effects are individually tracked on each CD (no sub-indexing) so cuts are easy to locate in any CD player. There are no additional royalty, clearance or license fees required once a library is purchased.

SFXCD (10 volumes of your choice)	**BSW Price**	**$429.00**
SFXCDLIB (37 vol. library)	**BSW Price**	**$1,200.00**
SFXCD8 (8 CDs based on analog recordings)	**BSW Price**	**$155.00**
SFXSET (set of 30 LPs)	**BSW Price**	**$399.00**
BGMCD	**BSW Price**	**$155.00**
(2 CD set including 198 commercial music beds)		

ARRAKIS

12,000 SERIES
Audio Consoles

With VCA level control, digital channel on/off and a built-in 8-bit digital buss for control of Arrakis digital audio workstations, the 12,000 Series sets a new console standard for the 1990s. These modular consoles feature a 'Universal Buss' design that allows any type of module to be placed in any position in the mainframe. Three mainframe sizes (8, 18, 28) are available in through-table or tabletop configurations. Four different input modules are available, each with 2 inputs and 3 stereo outputs. Optional control, switching and distribution modules are also available. Standard features include a built-in timer; extensive metering facilities; monitoring for control room and 2 studios; two telephone mix-minus buses; Penny and Giles faders; ITT Schadow switches; gold board connectors and solid oak trim.

Design your own console with choice of input modules or choose the popular 12000-12, a standard configuration of the 18 channel mainframe loaded with 12 input modules.

12000-12 Mfr. List Price $6,593.00   Call For BSW Price

22,000 SERIES
Audio Consoles

The 22,000 Series takes the concept of the air console as the control focal point to the next level by integrating video monitoring and direct digital workstation control with traditional console studio controls. Available in 18 and 28 channel through-table mainframes, the 22,000 shares the 12,000 Series' 'Universal Buss' design and supports all of the 12,000 Series modules. In addition, it will accept the Gemini Command Module (9 module positions) to control up to 6 Digilink workstations. A special low profile meter bridge with LED meters allows a 14" VGA monitor to sit atop the console for easy viewing. In addition to the 'digital ready' features, the 22,000 Series also offers comprehensive control channel logic, flexible multiple buss outputs and sophisticated monitoring facilities.

Price Based On Configuration

ARRAKIS

SC Series Consoles

Arrakis consoles are exceptionally cost effective without compromising product features. All Arrakis products are engineered for reliability first. No expense is spared in the use of quality components, like Penny and Giles slide faders and ITT Schadow switches.

All SC Series consoles feature the following: VCA level controls; DC controlled switches; 10 watt per channel monitor amp; 2 watt cue amp & 2 watt headphone amp; solid oak end panels and armrest; modular regulated power supply; mono mixdown; telephone mix-minus; remote start (except 150SC) and a 2-year warranty.

150SCT6S (6 channel, 18 inputs)	Mfr. List $2,495.00
500SCT8S (8 channels, 25 inputs)	Mfr. List $3,595.00
2100SCT12S (12 channel, 34 inputs)	Mfr. List $5,995.00
1500SCT8S (8 channel, 28 inputs)	Mfr. List $4,495.00
2000SCT12S (12 channels, 24 inputs)	Mfr. List $4,995.00

Call For BSW Prices

1200 SERIES
Audio Consoles

The 1200 Series consoles are perfect consoles to compliment today's digital storage/automation/production systems like the Arrakis DigiLink or Track*Star.

These consoles feature stereo and mono mix outs, mix-minus buss, stereo monitor outs with dim & talkback, 2 external monitor inputs, mono cue w/Autocue, remote selectors, VCA control of all faders and DC control of all audio switching.

The 1200-5 is a 5 channel, 10 input, stereo output console, the 1200-10 is a 10 channel board with 20 total inputs and dual stereo out and the 1200-15 has 15 channels with 25 total inputs.

1200-5	Mfr. List $1,795.00	Call For BSW Price
1200-10	Mfr. List $3,495.00	Call For BSW Price
1200-15	Mfr. List $5,995.00	Call For BSW Price

AEQ

BC500A
Audio Console

Now you can have the flexibility of a modular console at a very affordable price with the AEQ BC-500A. The BC-500A not only gives you the ability to configure its layout however you like with up to 15 input modules, it also features some very advanced features for a console in this price range. Input modules consist of a mono mic/line and dual stereo telephone modules with input gain trim, AUX and phone sends, LED clip indicator, cue button with LED and channel ON/OFF. The mono mic/line modules feature two bands of equalization and logic for tally lights and monitor mute. A special telephone module has an LED indicator to show incoming calls with a switch to answer the call and engage an external hybrid. Other Features include extensive control room and studio monitoring, a 4 way intercom module with internal mic, remote mute capability from studio, built-in stereo cue speakers, large 16 segment metering for master and AUX or Cue and attractive European styling.

Example Mfr. List Price $5,235.00
(Standard configuration with 4 mono mic/line, 6 stereo and 1 telephone module)
Call For Price And Configuration

ATI

VANGUARD SERIES
Audio Consoles

Vanguard Series Consoles offer superior performance and long term reliability with low initial cost and minimum maintenance. These consoles feature long-life membrane buttons for all switching, VCA control of audio and a tough polycarbonate overlay. Other features include built-in cue amp and speaker, programmable muting for each input, three-input headphone and monitor selectors and 2 mic preamps.

BC6DSL/R (6 Linear or Rotary Faders, 12 Inputs) **Mfr. List $3,195.00**
BC8DSL/R (8 Linear or Rotary Faders, 12 Inputs) **Mfr. List $3,595.00**
BC12DSL (12 Linear Faders, 24 Stereo Inputs) **Mfr. List $5,295.00**
Call For BSW Prices

AUTOGRAM
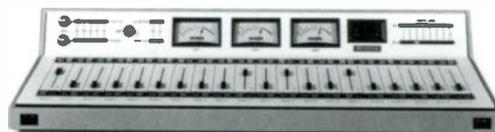
R/TV20
Audio Console

When you need mixing flexibility, you'll want the R/TV20 from Autogram with a total of 34 stereo inputs on 20 channels. Optional live assist package plugs into the R/TV series console and offers full remote control plus live assist sequencing capability.

R/TV20   Mfr. List $13,451.00
R/TV12 (Not Shown)   Mfr. List $11,153.00
Call For BSW Prices

PACEMAKER SERIES
Audio Consoles

Pacemaker consoles offer an incredible amount of flexibility without an enormous price tag. The Pacemaker 648 features 8 inputs per channel (48 inputs total). On the 618, channels 1-5 have dual inputs, channel 6 has 8 inputs. The 828 has 28 stereo inputs, the 1032 has 32 stereo inputs. Both the 828 and 1032 have 2 inputs per channel and 2 banks of remote selectors. Features on all Pacemakers include VCA level controls, no audio transformers, Schadow selector switches, electronic switching, mix-minus buss, engraved front panel, Penny and Giles faders and pluggable miniature terminal strips.

618 Mfr. List $5,221.00   648 Mfr. List $6,790.00
828 Mfr. List $6,365.00   1032 Mfr. List $7,527.00
Call For BSW Prices

MINI-MIX SERIES
Audio Console

The versatile Mini-Mix 12A offers a flexible input configuration to interface any piece of pro or consumer audio equipment. 12 slide pots host a total of 25 stereo inputs (15 balanced pro level, 10 unbalanced consumer level). First 2 channels are dedicated mic level. Mini-Mix 8A features 8 slide pots for 12 inputs (6 balanced, 6 unbalanced).

MINIMIX12A Mfr. List $3,499.00   Call For BSW Price
MINIMIX8A   Mfr. List $2,499.00   Call For BSW Price

AUDIOARTS

R60
Audio Console

Available in 8, 12 and 18 channel versions, the R-60 offers fresh new features with a totally modular design with no motherboard mounted components to streamline service.

It features illuminated switches throughout with smooth glide Penny & Giles® faders and the LS-60 six-source line selector module. Simple Phone™, Audioart's exclusive optional telephone module is very easy to operate and makes taking calls on the air a snap. Other options include two types of machine control modules, custom engraved "off" buttons and colored fader knobs.

R60-8 Mfr. List Price $4,695.00 Call For BSW Price
R60-12 Mfr. List Price $6,695.00 Call For BSW Price
R60-18 Mfr. List Price $9,195.00 Call For BSW Price

R16
Audio Console

For cramped quarters such as remote vans or news rooms, the R-16 offers high quality mixing in a compact package. It offers all the necessary features of a full-sized on-air board such as modular construction; program, audition and cue busses; machine start/stop switches; built-in cue speaker; studio talkback and more. Yet with all of these features it's only 23" inches wide x 17" deep. Even though the R-16 sports a very modest price tag, it's not short on quality with gold audio switches, gold edgecard connectors, conductive plastic faders and monitor pots, fully burned-in socket-mounted ICs and top-rate documentation.

Standard configurations come with 2 mic input modules and either 4 or 8 stereo line input modules, master output and control room modules as well as 3 blank slots that can be loaded with optional accessory modules.

R16-10 (Ten Channel) Mfr. List $3,895.00 Call For BSW Price
R10-6 (Six Channel) Mfr. List $2,695.00 Call For BSW Price

BROADCAST ELECTRONICS

MIX TRAK 100
Audio Console

Broadcast Electronics' Mix Trak 100 modular on-air console provides the versatility and flexibility to grow as your station grows. Available in 12, 18 or 21 channel mainframe sizes, it is designed for smooth and efficient on-air use. With over 20 input and auxiliary modules to choose from, you can custom build the Mix Trak 100 to match your exact requirements. Standard features include stereo program and audition busses with three mono auxiliary busses; separate music and speech program busses for independent routing and audio processing; balanced patch points on each channel; versatile talkback system ideal for multiple studio stations; P&G linear faders and Hall Effect on/off switches.

Price Based On Configuration

AIR TRAK 100/90
Audio Console

These 6, 12, 18, and 24 channel consoles have the look, functionality and durability needed for broadcasting in the 90s.

Features include independently assignable inputs for mic or line, HI or LOW level, P&G linear faders, VCA controlled audio, silent Hall-Effect switching, "Monitor Dim" function for easier cueing, versatile talkback system, independent program and phase integrity indicators, auxilary mix-minus buss, clock/timer and polycarbonate overlay.

Price Based On Configuration

SERIES 250A
Audio Consoles

The 250A Series consoles are available in 5, 8 and 12 channel models and feature two inputs per channel; separate monitor, headphone and cue channels and front panel polycarbonate overlay. Mixer channels utilize ladder-type step attenuators with cue detent, and roller-cam key switches.

Call For Pricing And Configuration

FIDELIPAC

MX SERIES
Audio Console

True modularity, superior flexibility and low cost give Fidelipac's MX Series consoles real value for the dollar. MXR consoles are available with 6, 8, 10, or 12 rotary faders. MXL consoles offer 6, 8, 10, or 12 linear faders mounted three inches apart. MXE consoles permit 10, 12, 14, 16, or 18 linear faders mounted two inches apart.

Fully modular input modules with precision motherboard construction offer durability and flexibility. Every input module has two inputs that can be wired for mono or stereo. The "A" side of any input module can be fitted with an optional mic preamp (one included standard). Line inputs can be wired for consumer or pro level, eliminating the need for outboard matching units. Additional features include VCA mixer and monitor control; two input expansion switches; four assignable outputs-two stereo plus two mono; remote start logic; count-up event timer; built-in cue amp/speaker and headphone amp; all steel construction; excellent RF immunity; and virtually indestructible control surfaces.

Prices Range From $3,270.00 to $7,990.00 Mfr. List
Call For BSW Prices

LPB

7000 SERIES
Audio Consoles

Available in 12 and 18 channel models, the 7000 Series stereo consoles from LPB feature 2 inputs per channel; 3 stereo output busses; 3 mono output busses; remote starts with blinking ready light and remote access on all inputs; cumulative/event timer with channel start capability; programmable muting; Penny & Giles linear faders; all gold contacts; all front panel push-button switches rated for 5 million operations.

7012 (12-Channel Stereo)	**Mfr. List Under $6,995.00**
7018 (18-Channel Stereo)	**Mfr. List Under $9,295.00**

Call For BSW Prices

LPB

SIGNATURE III SERIES
Audio Consoles

These consoles offer real ruggedness and demonstrated RFI immunity. Built in cue amp/speaker and monitor amp 3 inputs per mixer. Models include S10 (6 Mixer), S13 (8 Mixer), S20 (10 Mixer), S24 (12 Mixer)

Prices Range From $4,595.00 to $7,295.00 Mfr. List
Call For BSW Price

SOUNDCRAFT

RM100
Audio Console

The RM100 is an easy to use and affordable modular on-air console from Soundcraft, the makers of world renowned recording/live consoles. Three mainframe sizes are available with 8, 12 or 20 input capacity. These consoles will accept operation voltages between 90V and 240V, 50-60Hz.

There are three input modules to choose from, each with program and audition buss selection, cue, channel on/off and control/status logic. The mono input module includes a mic level input with selectable 48 volt phantom power and a switchable line level input. The stereo module allows two stereo inputs and offers input gain control from -12dB to +9dB. A telephone module allows you to put callers on the air easily and talk off-air to callers in CUE mode.

The RM100 output section features two stereo outputs, a mono mix down output, a flexible monitoring section and is available with or without master program and audition faders. Standard meter bridges include a pair of VU meters. The deluxe meter bridge adds a digital timer and internal cue speaker. Although consoles can be custom loaded, standard packages are shown below including 1 or 2 mono modules, a telephone module and the balance in stereo line modules. The 12 and 20 channel standard packages feature the deluxe meter bridge.

|	
RW5170STD 8 channel console	**Mfr. List $4,285.00**
RW5171STD 12 channel console	**Mfr. List $5,890.00**
RW5172STD 20 channel console	**Mfr. List $8,640.00**

Call For BSW Price

PACIFIC RECORDERS

X CLASS
Audio Consoles

X-Class consoles represent the best that broadcast audio equipment engineering has to offer. Clean, logical and high-quality in every detail, these consoles provide world class performance and features, suitable for the most demanding applications.

The BMX-III Air Console is the third generation of the most popular on-air console in network and major-market broadcasting. By combining unparalleled operating features and advanced performance in a user-intuitive design, the BMX handles the most complex programming effortlessly. Mainframe sizes are available to accommodate from 10 to 34 input positions. A range of modules features mic or line inputs with optional effect sends, stereo and mono output modules, telco modules, monitoring modules and several control/switching accessory modules are available to fit any application.
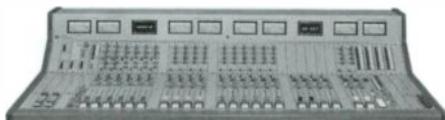
The AMX On-Air and Stereo Production Console takes the fast, intuitive on-air features of the BMX and adds stereo production features such as equalization, AUX sends and effect returns. AMX is equally at home on the air or in the production room. Standard features include 3 main stereo mix busses, two AUX sends, multi-function metering, multi-way talkback system, voice slating system and 4 telco mix-minus feeds plus telephone monitor mix.

The ABX Multitrack Production Console blends the power of a full-featured multi-track recording console with the speed and ease-of-operation of the BMX. It features multiple stereo outputs plus full equalization, reverb, foldback, solo, multitrack and mixdown capabilities.

Pacific Recorders Consoles Available For Sale Outside The U.S.

Only. Contact Our International Department For Pricing

PACIFIC RECORDERS

RADIOMIXER/PRODUCTIONMIXER
Audio Consoles

The affordable Radiomixer and Productionmixer consoles satisfy today's demanding on-air and production needs without compromise, yet fit within real world budgets of professional broadcasters.

Radiomixer offers true modularity, accommodating any combination of mic and line input modules and is available in 12, 20 and 28 input module capacity mainframes. Standard features include a telco mix system, program output and control room monitor modules, digital clock and digital timer with controller module. Optional machine remote control panels and stereo line selection modules can be added.

Productionmixer retains all of Radiomixer's on-air qualities while adding impressive multi-track production power. It offers input modules with 3-band EQ and stereo effect sends; multitrack input/output modules; send/return modules; expanded metering and built-in stereo cue speakers.

Pacific Recorders Consoles Available For Sale Outside The U.S.

Only. Contact Our International Department For Pricing
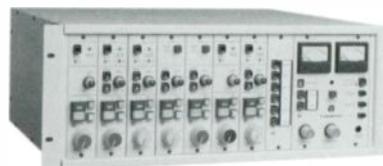
STEREOMIXER/NEWSMIXER
Audio Consoles

These compact modular consoles incorporate many of the features of the larger BMX Series consoles. Their mainframe housing needs only seven inches of rack space and may also be supplied with hardwood panels for desktop applications.

The Stereomixer was designed to handle a number of broadcast applications including talk shows, remotes, music and commercial dubbing, auxiliary production, backup on-air and even stereo news. It can be loaded with a combination of mic or line input modules, tape and telco modules as well as a remote selector module. It features stereo program and monitor outputs, talkback and slate facilities and stereo VU metering.

Newsmixer is similar in design, yet giving emphasis to radio news preparation, assembly and production. It's dual bus design allows you to perform two independent jobs at the same time in much less space than a full-sized console requires.

Pacific Recorders Consoles Available For Sale Outside The U.S.

Only. Contact Our International Department For Pricing

AUDIOARTS

MR-40
Audio Console

Multi-track production doesn't have to be complicated. The AUDIOARTS MR-40 has just the features many stations are looking for: 4-Track bus assign for your tape recorder or digital workstation; program assign so you can transfer direct to your 2-track or go right on-air. It has machine starts/stops just below the fader like an on-air console, but also includes a 3-band equalizer section so you can have the tone control that a normal radio console couldn't provide.

12 input channels are provided. Mono modules have both mic and line inputs: mic for recording and line for track playbacks. Subgroup channels provide fader control for record levels. The MR-40 has an on-air type monitor section, complete with control room, headphone and studio outputs plus all the necessary muting and tally functions you'd want. Cue speaker and amplifier are provided.

Mfr. List $9,995.00   **Call For BSW Price**

MACKIE DESIGNS

SR SERIES
Audio Consoles

Once again Mackie has pushed the envelope on how affordable top quality, amazing features and bulletproof durability can be with their SR Series audio consoles. These 4 buss consoles are available with 24 or 32 channels and are equally at home in the studio or on the road. In addition to Mackie's legendary ultra-high headroom, ultra-low noise performances, these consoles feature 3-band EQ on all inputs with sweepable mids; input low-cut filter; a unique "AIR" ultra-high frequency EQ enhancer on sub busses; 6 AUX sends (4 can be pre or post fader); Pre and Post fader listen and flexible control room and tape monitoring facilities. SR Series main chassis is a solid steel monocoque construction that doesn't flex, yet is relatively lightweight. Thanks to the special knob design, horizontal fiberglass circuit board design and brass standoffs, the controls can withstand serious abuse. You'll be hard pressed to find a 4-buss console that offers more performance and durability for the price.

SR24·4 Mfr. List $1,599.00   **Call For BSW Price**
SR32·4 Mfr. List $2,299.00   **Call For BSW Price**

MACKIE DESIGNS

8·BUS
Audio Console

Mackie's 8·Bus Series is proof that a high quality, full-featured console for multi-track recording doesn't have to cost a fortune. Available in 16, 24, and 32 channel versions, these consoles are a combination of high quality components, innovative design and incredible features providing unbelievable value for the dollar. Feature high-points include 100mm precision network faders; separate tape monitor path; A & B mix paths; 6 aux sends and returns; 4-band EQ (HI & LO shelving; HI MID sweep & LO MID sweep); solo/channel metering, 2 headphone mixes; studio/control speaker mixes and talkback with built-in mic. Meter bridges and floor stands are available as options for all models. Also available are the SC·8 sidecar with 11 rack spaces for patch bays, power supplies etc. and the 24·E, 24 input expander console.

16·8 16 Channel	Mfr. List	**$3,199.00**
24·8 24 Channel	Mfr. List	**$3,999.00**
32·8 32 Channel	Mfr. List	**$4,999.00**
24·E 24 Channel expander	Mfr. List	**$2,999.00**
MB·16 Meter bridge	Mfr. List	**$699.00**
MB·24 Meter bridge	Mfr. List	**$799.00**
MB·32 Meter bridge	Mfr. List	**$899.00**
MB·E Meter bridge	Mfr. List	**$699.00**
SC·8 Sidecar	Mfr. List	**$399.00**
ST16·8, 24·8, 32·8 & 24·E Stands	Mfr. List	**$299.00/ea.**

Call For BSW Prices

LM3204
Audio Mixer

Mackie's LM-3204 packs more inputs into less rack real estate for less money than ever before - sixteen stereo (16x2) line inputs plus four stereo (4x2) AUX returns, for a total of 40 inputs in only 5 rack spaces! Like the popular CR-1604, the LM-3204 retains luxurious headroom, unity gain structure, +4dBu internal operating levels, intuitive layout, 3-band EQ - even two of Mackie's famous studio grade mic preamps that can be patched to any of the 16 channels. Added features include a separate monitor out with level control and switchable routing of AUX 3 and 4 to the monitor buss.

**Mfr. List $999.00**   **Call For BSW Price**

MACKIE DESIGNS

CR1604
Audio Console

This compact 16 channel console from Mackie Designs offers exceptional performance and versatility. It's unique convertible design allows it to be used as a table top mixer or a rack mounted mixer with a unique input/output pod that allows you to rotate the ins and outs to face top or back (standard) or forward with the **RotoPod** rack option. CR1604 features include 6-studio grade mic preamps (16 with optional **XLR10** bolt-on mic input expander); 3-band EQ on every channel; 7 AUX sends per channel (up to 4 simultaneously); 4 stereo effects returns; stereo in-place solo; dual function channel mute; twice the headroom of conventional designs and a three year limited warranty.

MixerMixer allows you to combine all the outputs from up to three CR1604s and provides a new set of combined outputs without the loss of any functionality and no increased noise.

CR1604	Mfr. List $1,099.00	**Call For BSW Price**
ROTOPOD	Mfr. List $25.00	**Call For BSW Price**
XLR10	Mfr. List $199.00	**Call For BSW Price**
MIXERMIXER	Mfr. List $229.00	**Call For BSW Price**

BROADCAST TOOLS
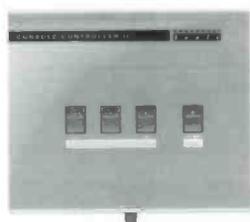
CCII
Console Controller

Console Controller II (CC II) provides the solution for interfacing non-broadcast consoles such as the Mackie CR1604, or digital workstations to the broadcast studio. It offers three channels of insert switching to turn on or off console input channels or other source equipment (i.e. mic pre's) as indicated by a bright red LED on each switch. The LEDs on each channel may be programmed to flash when activated. Additionally, the CC II offers monitor amplifier mute control (channel three may be programmed not to mute the monitors when activated), front panel monitor level control and the ability to switch between internal or external (program/off-air) monitor input sources. Installation utilizes simple insert cables with no modification to the mixer.

Mfr. List $299.00　　　　　**Call For BSW Price**

MACKIE DESIGNS

MS1202VLZ
Audio Mixer

Responding to customer suggestions on the famous 1202, Mackie has created an even better mixer with the MS1202-VLZ. VLZ stands for the very low "z" architecture borrowed from Mackie's acclaimed 8•Bus consoles, making the MS1202-VLZ dead quiet with minimal crosstalk. In addition they've added a number of great new features with only a slight increase in price. Each channel now has the same 3-band EQ found on the CR-1604 as well as a PFL (solo) button. The Mute/ALT 3-4 Bus feature allows you to mute the audio of a given channel from appearing in the main mix. The muted signal is routed to a stereo ALT output that can be used for a cue bus or to create a separate stereo mix. The first 4 channels now offer 60dB of gain with a virtual 10dB pad to handle a wide range of input signals. Channels 1-4 also feature a switchable low cut filter to help eliminate rumble. AUX1 can now be selected for pre, or post fader, plus a handy EFX-to-monitor switch lets you blend effects back into the AUX1 bus for monitors. Separate control room and headphone sections offer more monitoring flexibility and balanced XLR outputs allow the MS1202-VLZ to more readily connect to other pro gear.

Mfr. List $429.00　　　　　**Call For BSW Price**

SOUNDCRAFT

DELTA/K1 SERIES
Audio Consoles

Soundcraft Delta Series consoles represent the ultimate in audio performance and styling, drawing their heritage from the famed British console tradition. Whether your field of focus is radio/TV broadcasting, music performance/production or video/post, the Delta Series has a model to fit your application. The K1 is the affordable, 4-buss live mixing board in 8, 16, 24 and 32 channel versions with modular input section and fixed output section. Delta DLX is the popular 4-buss, fully modular recording console also in 8, 16, 24 and 32 channel versions. Delta 8 is a modular 8-buss production console and Delta AVE is designed specifically for audio for video editing and interfaces with virtually any type of edit controller. Call a BSW representative for more complete information and pricing.

Call For Pricing And Configuration

SPIRIT

SPIRIT FOLIO/FOLIO RAC PAC
Audio Console

The Spirit Folio Series consoles are Soundcraft's low cost-high flexibility mixers. There are three models to choose from: a 10 channel portable (RW1450), a 12 channel portable (RW1454) and a 12 channel rack mount version (RW1461), each featuring 2 dedicated stereo inputs and the balance of inputs in mono mic/line. These consoles feature 2 AUX sends and support balanced or unbalanced 1/4" plugs with balanced XLRs on mono channels. Mono inputs feature 3-band EQ with mid sweep and stereo inputs have 2-band EQ. Additional features include channel cueing, 60mm faders, dedicated tape returns, monitor outputs and an oscillator for setting levels. 12 volt power inverter available for remote use.

The Folio Rac Pac (RW5141) is a rack mountable, 4-buss console with 10 mono mic/line inputs and 2 stereo inputs. It offers a convertible input/output panel that allows connections to be made at the back of the console for rack mount applications or on the end of the console for tabletop use. All inputs feature 6 AUX sends and 3 band EQ (mono channels with mid sweep). It also includes 4 stereo returns plus 2 stereo effect returns and a dedicated 2-track tape return. Extensive cue and monitor sections round out this flexible mixer.

RW1450 (10 Channel)	**Mfr. List $499.95**
RW1454 (12 Channel)	**Mfr. List $699.95**
RW1461 (12 Channel Rack Mt.)	**Mfr. List $699.95**
RW5141 (14 Channel - 4-buss Rack Mt.)	**Mfr. List $1,099.95**

Call For BSW Prices

FOLIO LITE (RW5157)
Audio mixer

Folio Lite is the new ultra-compact, professional mixer from Spirit. It combines versatility and high quality in a low cost, compact package. Folio Lite offers 4 mono mic/line inputs, 4 stereo line inputs, a stereo AUX return and a stereo tape input for a total of 16 inputs. Each input channel includes 2-band EQ, two AUX sends (AUX 1 pre/post switchable) and PFL (cue). Mono channels include inserts and switchable phantom power. Also included is a stereo mix output, a stereo monitor output and multi-segment LED metering.

Mfr. List $369.00　　　　**Call For BSW Price**

TASCAM

M2600MKII SERIES
Audio Consoles

M2600MKII is Tascam's affordable console series focused specifically on the recording process. Its newly re-engineered, premium quality mic preamps, new and improved power supply and a number of radical new features make it a contender with studio consoles costing much more.

These 16, 24 or 32 channel, 8-buss consoles make the recording process even easier with advanced features such as a split EQ system. This gives you the capability to use the shelving and semi-parametric sweep EQs in either the monitor or channel paths. AUX sends are something you can never get enough of, and with the M2600MKII you get 6 dedicated sends (two stereo) with pre/post selection, that can be returned through any of 6 stereo paths. Each input channel features a direct/group switch for sending inputs directly to your recorder or routing them through the group bussing with the push of a button. The distributed in-line monitor feature means you get two signal paths on each channel strip, giving you twice the number of available inputs at mixdown. A "flip" switch lets you choose which inputs are assigned to the long-throw faders and which are assigned to the rotary gain knobs. Add to this 2 independent stereo cue mixes, balanced tape returns, optional meter bridges with high-intensity 12-segment LED bar graphs and improved talkback and solo capabilities, and you have one serious mixing system.

M2600/16MKII Mfr. List $3,199.00 Call For BSW Price
M2600/24MKII Mfr. List $3,999.00 Call For BSW Price
M2600/32MKII Mfr. List $4,999.00 Call For BSW Price

M1500 SERIES
Audio Consoles

The M1500 Series recording mixers are designed to meet the needs of professional 4 and 8 track recording studios where space is at a premium. They are available in 8 or 16 input configurations. Each channel, besides having a main fader signal path, allows routing of additional sources to a separate stereo signal path. Other features include balanced XLR mic and 1/4" line inputs for each channel, 3 band EQ, 3 aux sends and bar-graph metering.

M1508 Mfr. List $1,299.00　　　**Call For BSW Price**
M1516 Mfr. List $1,949.00　　　**Call For BSW Price**

WE TOOK EVERYTHING WE KNOW
ABOUT MIXING

You know Yamaha makes some of the best live sound reinforcement consoles. Not to mention some of the best digital mixers.

And our expertise in signal processing is second to none.

That's why we strongly suggest you take a good hard look at the latest member of the family -- the exceptional ProMix 01.™

Everything we know has gone into this mixer. Beneath its compact, rugged exterior lies the most irresistible combination of digital technology ever assembled.

For the cost of a low-priced analog mixer, you can now get a digital one that has instant recall of all console settings.

ProMix 01 also has motorized faders and is capable of dynamic automation.

That way, entire mixes can be recorded and played back with any outboard MIDI sequencer. Saving creative energy. Not to mention a lot of time.

As if that wasn't enough, ProMix also has two internal digital effect processors. Three assignable stereo compressors. Superb three-band parametric EQ on each channel.

Even an EQ Library where you can store all your favorite settings.

AND CONDENSED IT.

And when it comes to complex mixes, fader grouping lets you control multiple channel levels from a single fader. There also happens to be a stereo "pair" function that allows changes in the left channel (such as EQ and gain) to be automatically mirrored in the right channel.

Sound pretty good?

Actually it sounds pretty great. ProMix 01 boasts more than 100dB of dynamic range. All made possible by the latest 20-bit AD/DA converters. Which virtually eliminate all noise, distortion and crosstalk.

The system also features digital output for flawless audio transfers to R-DAT and other digital mediums.

And has a large backlit LCD screen to help you see all your mix parameters at a glance.

As you can see, ProMix 01 has plenty of things going for it. With its memory, automation capabilities and onboard digital effects, it completely justifies spending $20,000.

Of course, that price would buy you 10 of them. For complete information on the ProMix 01, call the broadcast audio specialists at Broadcast Supply Worldwide.

1-800-426-8434

YAMAHA®
Programmable Mixing

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YAMAHA
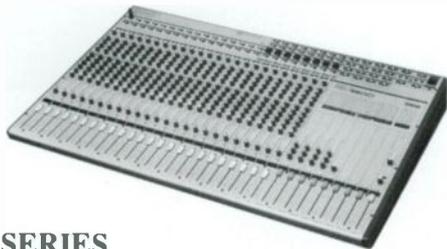
RM800 SERIES
Audio Consoles

The RM800 is a true 8-buss console offered in two feature packed versions. The RM800-16 offers 16 mic/line inputs, 16 additional tape returns, plus four stereo effect returns for a total of 40 inputs at mixdown. The RM800-24 offers 24 mic/line inputs, 24 tape returns, and four stereo effect returns for a total of 56 inputs at mixdown. Both consoles include channel direct outputs to allow 16 track recording. Each of the primary inputs includes mic/line gain trim, 3-band EQ, post fader listen and 100mm faders. Channels 1 through 8 feature mic level XLR inputs with switchable phantom power.

A versatile monitor section provides a stereo mix of tape/disk tracks, leaving primary console inputs free to handle sources during recording. When it's time to mix down, tape/disc tracks are routed to the main channel inputs, leaving the monitor section free to handle additional line level sources and effects. Alternately, the monitor section can serve as an extra stereo AUX send providing a total of 6 AUX sends. A multiple channel 10-segment LED metering system is included.

RM800-16 Mfr. List $1,699.00   **Call For BSW Price**
RM800-24 Mfr. List $2,399.00   **Call For BSW Price**
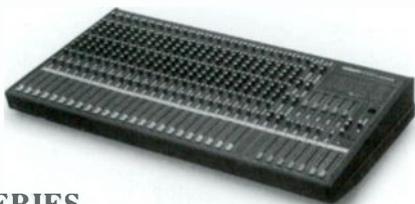
MX400 SERIES
Audio Consoles

For recording or live sound, the MX400 4-buss console from Yamaha is a dynamite performer with a very reasonable price tag. Consoles are available in 12, 16 and 24 channel configurations. There are two selectable balanced inputs per channel (one XLR mic w/ phantom, one 1/4" TRS line), a 3 stage EQ with mid sweep and an 80 Hz low pass filter. Each channel also features inserts; direct outs; signal and peak LEDs; 5 AUX sends (2 pre, 2 pre/post, 1 post); pan, group and stereo assign switches; channel on/off and pre-fader listen. In addition there are 4 stereo inputs with 2-band EQ.

The master section features AUX master sends 1 through 5 on slide type faders as well as the 4 group and separate L/R faders. An additional fader with selector can control either a summed mono output or an additional stereo output. Rounding out the master section are tape in and out with level controls; talkback and headphone facilities and 6 multi-LED bar graph meters.

MX400-12 Mfr. List $1,599.00   **Call For BSW Price**
MX400-16 Mfr. List $2,099.00   **Call For BSW Price**
MX400-24 Mfr. List $2,699.00   **Call For BSW Price**
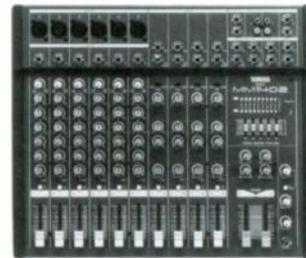
YAMAHA

MM1402
Audio Mixer

Yamaha's compact mixer, the MM1402 features a whopping 22 inputs and 8 outputs in a 17" x 14" chassis. Features include 6 mono mic/line inputs with 3-band EQ and input gain control; 4 stereo line inputs with 2-band EQ and a 3 position gain switch; 2 AUX sends per channel on mono inputs (one on stereo inputs) plus 2 stereo AUX returns; pre-fader listen (cue) buttons; separate stereo main and stereo monitor outputs; separate tape inputs and outputs; a 5-band stereo graphic EQ for main output, 10-segment LED metering and LEDs showing presence of phantom power and PFL. Main stereo output is balanced TRS.

Mfr. List $449.00   **Call For BSW Price**

PROMIX01
Digital Audio Mixer

Yamaha's ProMix 01 represents a real breakthrough in affordable console technology. This all digital console offers instant recall of all console settings and motorized faders making it capable of dynamic automation. This means entire mixes can be recorded and played back with any outboard MIDI sequencer. ProMix 01 also features two internal digital effect processors, three assignable stereo compressors, superb 3-band parametric EQ on each channel - even an EQ library where you can store all your favorite settings. For complex mixes, fader grouping lets you control multiple channel levels from a single fader. A special "pair" function allows changes in the left channel (such as EQ and gain) to be automatically mirrored in the right channel. Add to this more than 100 dB of dynamic range, digital outputs and large, backlit LCD display for under $2,000.00 - Pretty amazing!

Mfr. List $2,199.00   **Call For BSW Price**

AEQ

MP10
Remote Console

The AEQ MP-10 portable mixer features 5 inputs, each with switchable mic/line level and phantom power. It provides balanced outputs for program, Aux and talkback with 3 headphone outputs. A separate headset channel allows a commentator to talk on-air as well as communicate directly with the studio. Dual mode dial-up is provided on the front panel as is metering for program, talkback and battery level. The unit can operate from external AC power or internal rechargeable Ni-Cad batteries with average life of 4 hours. In addition, the MP-10 features an EQ boost to compensate for poor quality phone audio, a built-in tone oscillator and digital identifier.

Mfr. List $1,495.00   **Call For BSW Price**

TLE02
Mixer/Extender/Hybrid

The TLE-02 from AEQ combines a digital frequency extender, digital hybrid and mic/line mixer in a compact unit about the size of a small tape recorder. Features include two-input mixing (mic/line and an AUX), a front panel telephone key pad with pulse/tone dialing and an internal digital hybrid that allows cues to be sent to the talent without causing any disturbance in the program. Power is supplied by AC transformer or 8 AA size batteries for approximately 2 hours of operation. Two units (send/receive) required for frequency extended mode. (Not Comrex Compatible)

Mfr. List $1,130.00   **Call For BSW Price**

ASHLY

LM-308
Line Level Mixer

The LM-308 is an 8-channel stereo line level mixer that provides 8 stereo, or 16 mono inputs. Inputs feature level and pan control with channel on/off buttons. Channels 1 and 2 may be switched to accommodate mic or line level inputs. On the output side, the LM-308 offers a balanced/unbalanced stereo out with level and pan controls as well as separate mono and headphone outputs. There are also pre-master sub inputs and outputs for linking to other mixers. A 5-segment LED meter with clip LED helps you keep levels in control at a glance. Unit is backed by Ashly's five year worry-free warranty.

Mfr. List $399.99   **Call For BSW Price**

ATI

MX100/XP100
Utility Mixer/Expander

Both the MX100 three channel Mic/Line mixer and its companion XP100 four input expander feature low noise balanced mic/line inputs, phantom power, headphone output, and 600 ohm balanced/unbalanced outs. Stack'em or rack'em, one, two or three across for up to an eleven input mixer in a single rack unit. XLR and 1/4" TRS connectors models available.

MX100XLR Mfr. List $349.00   **Call For BSW Price**
XP100XLR Mfr. List $289.00   **Call For BSW Price**

BROADCAST TOOLS

SM6
Source Mixer

The SM6 provides a convenient way to mix up to 6 stereo input sources to a single balanced stereo or mono output. Front panel switches allow you to select as many sources as you want in your mix. Inputs are balanced with multi-turn input level adjust and can convert levels from IHF to Pro. An external sum input allows ganging of units. 19" rack mount or under-counter mounting kits available.

Mfr. List $399.00   **Call For BSW Price**

COMREX

CODEC BUDDY
Remote Console

How do you handle the complexity of today's remote broadcasts? With the Codec Buddy Remote Mixer from Comrex. This complete remote studio in a box provides audio mixes for program feeds, communications, headphones and public address systems. Features include a 4 channel main mixer, an elaborate headphone mix section, telephone interface with single line frequency extender and inputs for codec return feed and spotter mic. Though designed to be used with digital audio codecs, the Codec Buddy is also great for use with multiline frequency extenders or as a stand alone console for use with a single analog phone line.

Mfr. List $1,900.00   **Call For BSW Price**

ELECTRO-VOICE

ELX1A
Remote Mixer

The ELX1A features four balanced inputs, selectable mic or line level. Switchable output limiter, low cut filters and built-in tone oscillator. Headphone output will drive headphones or small speaker.

Mfr. List $659.00   **Call For BSW Price**

HENRY ENGINEERING

MICROMIXER
Utility Mixer

This four-input, two-out stereo utility mixer is the same size as the popular Matchbox. Inputs are balanced and bridging, with adjustments for level and gain. Inputs are assignable to the left, right, or both outputs in any combination. The stereo outputs will drive a 600 ohm load to +25 dBm. Frequency response is DC to 30 kHz.

Mfr. List $195.00   **Call For BSW Price**

RANE

SM26B
Splitter/Mixer

Here is an extremely versatile, single rack space mixing tool that combines 6-in/2-out mixer and 2-in/6-out splitter with mix/pan and level controls. Transformerless balanced inputs and outputs.

Mfr. List $399.00   **Call For BSW Price**

SM82
Stereo Line Mixer

The SM82 stereo line mixer offers extremely low noise performance suitable even for digital signals. 8 stereo input channels feature pan and AUX send controls. Master section has AUX return and balance controls feeding the stereo output.

Mfr. List $599.00   **Call For BSW Price**

RDL

RUMX5
Mic/Line Mixer

This compact, 5-channel mic/line mixer is only 1/3 rack space wide. It features a mix input for combining multiple mixers, LED level indicators (-20, 0, +5) and phantom power (jumper selectable). Connections are via barrier strip. Rack options available.

Mfr. List $211.00   **Call For BSW Price**

SHURE

FP410
Automatic Microphone Mixer

Now you can operate a multiple mic mix with ease with the FP410 from Shure. Patented IntelliMix technology allows for smooth mixes by activating mics for speech, but not constant room noise and automatically turning down unused mics. It also limits the number of activated mics to one per talker and keeps most recently activated mic open until a newly activated mic takes its place. Additional features include balanced mic/line inputs and outputs, phantom powering, linking capability (up to 25 Mixers), manual or automatic modes and AC or battery operation. Rack mount ears and link cable included.

Mfr. List $1,650.00   **Call For BSW Price**

FP32A
Microphone Mixer

The FP32A is compact and durable enough for the toughest remote situations, and quiet enough for any digital recording format. Three XLR transformer balanced inputs support mic, line and monitor sources that can be panned to L/R XLR outputs with mic, line or tape level. Inputs 2 &3 can be linked as a stereo pair. Features include 12 internal DIP switch selectable functions; output level meters; battery or DC operation; phantom power; LED indicators for input; peak out; limiter and battery; mix buss for combining units and flexible headphone monitoring. Supplied accessories: case, strap and mix bus cable.

Mfr. List $1,795.00   **Call For BSW Price**

SHURE

M367
Microphone Mixer

What could you do to improve on the world standard M267 mic mixer from Shure? Make it 25 dB quieter, add two additional mic/line inputs (for a total of six), give it 12 and 48 volt phantom power and input peak LEDs. That is exactly what Shure has done with the new M367. It retains the same size and durable, all-metal chassis as the M267. Other new features include detachable power cord; two XLR outputs; easy-access side battery compartment; Headphone monitor circuit; output peak/limiter LED; balanced, 2-position mic buss; power-on LED; balanced, 2-position mix bus; limiter with adjustable threshold; illuminated battery/AC/VU meter and program monitor input selector.

Mfr. List $795.00   **Call For BSW Price**

SPIRIT
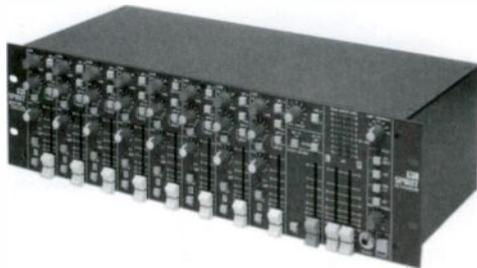
PRO TRACKER ZL0225
Audio Mixer

The Pro Tracker was designed to provide a compact mixing system with high quality, high gain preamps for use with modular digital multitrack recorders, providing the cleanest, most direct signal to the recorder as possible. These qualities make it the ideal mixer for remote sports trucks, a front end to your digital audio workstation or digital multitrack even a high quality expansion to your production or air console.

It all starts with Spirits amazing high gain mic preamps (-129dBu EIN) available on each of the 8 input channels. Add 8 more independent line level inputs, 60 mm faders, a 100 Hz high pass filter, a fast action adjustable limiter, pre fader listen (cue) and switchable pre/post fader AUX send on each channel. Two Monitor/Input switches let you switch between monitor and channel paths for each channel insert and AUX send control. The Mix 7/8 switch is a handy feature allowing 6 unmixed channels to be bounced down to channels 7 and 8 on the same 8-track machine. Bear in mind that all of these features fit into a mixer that takes up only 3 rack spaces in your rack! A comprehensive headphone monitor system, 100-240 volt universal power supply and cascade expansion jacks round out the Pro Tracker's features, making it one of the most flexible compact mixing systems available.

Mfr. List $995.00   **Call For BSW Price**

TELFAX

GX440
Remote Mixers

Owning a Telfax GX440 remote console is like having a mini broadcast studio that fits in a cigar box.

It provides all the features you need for great sounding remotes like: Four mic inputs to handle most any road crew, a headphone cueing channel, 2nd phone line capability for studio cues and on-air calls from listeners, radio monitor switch and jack for local off-air monitoring, an up/down timer, high capacity rechargeable batteries with charger, high level loop and AUX outs, pulse/tone dialing, low frequency extender interface, test tone oscillator, squelch/mute, bass boost, audio limiter, headphone amp input, and VU bargraph with peak indicator.

|	
GX440	**Mfr. List $1,295.00**
191007 Aluminum carrying case	**Mfr. List $100.00**
190401 Batteries set of 6	**Mfr. List $20.00**
190206 Hard plastic case	**Mfr. List $30.00**

Call For BSW Prices

ZERCOM

MAX-Z/MAX-ZII
Remote Mixers

MAX-Z is a remote broadcast console that provides maximum flexibility, utility, and above all, audio quality. Features include carrying case, built-in rechargeable batteries and charger, clock, stopwatch/timer, V.U. meter, wide range and audio inputs (will match almost anything), cue channel, phone line alarms and memory dialing (tone or pulse).

The MAX-ZII is an abbreviated version of the MAX-Z. High quality audio handling is maintained in the two channels of audio input. AC/ DC powered, two headphone outputs, cue channel.

MAXZ	**Mfr. List $1,225.00**	**Call For BSW Price**
MAXZII	**Mfr. List $750.00**	**Call For BSW Price**

FOSTEX
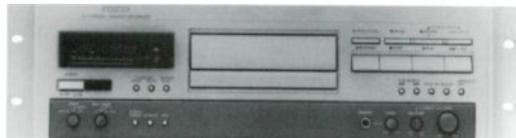
D5
DAT Recorder

The D5 provides cost effective DAT mastering with useful pro features. Three selectable sample rates and long play mode for up to 4 hours record/play time. 300 times max-speed locate and search, ID and TOC functions give you CD style track information and audio locating. Operators and engineers alike will appreciate the lack of copy ID, the balanced analog I/O, the AES/EBU and S/PDIF digital I/O and a 5-pin DIN connector for wiring remote control functions.

Mfr. List $1,495.00   **Call For BSW Price**

D10
DAT Recorder

The D10 is everything you would expect a pro DAT machine to be plus a few amazing things you hoped pro DAT machines could be. On-board RAM memory allows D10 to offer auto cue and instant start as well as a video editor style scrubbing for "reel-rocking" type cueing. Extensive external control, such as fader start, event out, transport controls, etc. is available via the universal GPI ports. For fast, high quality compilation or re-sequencing of program material, for precise assembly editing and as a source machine, the Fostex D10 is the ideal candidate. Wireless remote included.

Mfr. List $2,895.00   **Call For BSW Price**

RAMSA

SV4100
DAT Recorder

Derived from the highly successful SV3700, the new Ramsa SV4100 has the added benefit of a 5 second memory that allows instant start as opposed to the standard .07 second start time. Additional features include accurate PNO/cue assignment with 5 programmable cue locations, external sync capability, programmable output level, AES/EBU and IEC (optical, coaxial) digital I/O, and enhanced system diagnostics. Includes wireless remote.

Mfr. List $2,950.00   **Call For BSW Price**

RAMSA

SV3900
DAT Recorder

The SV3900 is designed for versatility and is compatible with virtually all editing controllers and automation systems. Full remote control capability is available via serial port and can be switched to follow ES-Bus or P-2 protocols. A full-function wired remote controller is available and includes a keypad for IDs, a 2-speed shuttle wheel, and all transport controls. Features include push button selectable sampling rate (44.1 and 48 kHz); program, absolute, and time-remaining displays; balanced XLR analog inputs and outputs; up to 400 times fast-forward/rewind and search speeds. SHMK390 is a full function remote control.

SV3900   **Mfr. List $2,895.00**   **Call For BSW Price**
SHMK390 Mfr. List $495.00   **Call For BSW Price**

SV3700
DAT Recorder

The industry standard SV3700 features a front panel shuttle wheel, high performance AD/DA converters, balanced XLR analog I/O and AES/EBU plus IEC digital I/O. A full function wireless remote and parallel remote port are included.

Mfr. List $1,695.00   **Call For BSW Price**

SONY

DTCA8
DAT Recorder

Sony's lowest cost studio DAT recorder features Super Bit Mapping for extended dynamic range and a 4-motor transport system that spells reliability and super smooth tape handling. Analog inputs and outputs are unbalanced RCA and 1/4". Digital inputs and outputs are IEC 958 Type II (RCA). An optional remote footswitch is available for hands-free control of Start, Stop, Fast Forward, Rewind and Record.

Mfr. List $1,475.00   **Call For BSW Price**

SONY

PCM2600
DAT Recorder

Sony's most recent flagship DAT recorder, the PCM2600 utilizes 20 bit A/D converters and new Super Bit Mapping (SBM) technology to achieve clearer and smoother recordings than ever before. This broadcast ready machine features balanced XLR analog I/O as well as AES/EBU and IEC 958 Type II digital I/O. Its LP mode allows for up to 4 hours recording/playback time on a 120 minute tape. Direct and accurate time searching is possible because the PCM2600 records absolute time to the tape. 48, 44.1 and 32 kHz sample rates are supported.

Mfr. List $1,875.00   **Call For BSW Price**

TCD-D10PROII
Portable DAT Recorder

The TCD-D10PROII is Sony's compact Pro DAT featuring balanced XLR mic connectors; digital inputs and outputs (S/PDIF and AES/EBU type); clear, easy-to-read back-lit display; two hour recording time; switchable limiter; built-in speaker and internal battery.

Mfr. List $4,000.00   **Call For BSW Price**

TCDD8
Digital Audio Recorder

The TCDD8 combines the compactness and durability of a Walkman and the sound quality of DAT, making it ideal for field recording. Features include anti-shock mechanism for stable recording and playback; up to 4 hours of recording time on 4 "AA" batteries; 3 sampling rates supported; LP mode; automatic/manual recording level; automatic/manual date function and ID subcode; high speed music search; 2 speed cue/review; analog and digital I/O. Optional AC adaptor available.

Mfr. List $799.95   **Call For BSW Price**

TASCAM

DA30MKII
DAT Recorder

The DA30MKII offers several improvements over its popular predecessor such as a new data/shuttle that allows quick data entry as well as program search, switchable automatic input calibration, selectable copy code and long record mode. XLR balanced analog inputs and outputs, and AES/EBU digital interface and 15-pin parallel remote port included. Optional wired remote available.

Mfr. List $1,599.00   **Call For BSW Price**

DA20
DAT Recorder

This scaled-down unit provides all you need to make great digital audio recordings including 3 switchable sampling rates, long play mode for up to 4 hours of recording and playback, RCA type analog and digital I/O, defeatable SCMS code and a wireless remote control.

Mfr. List $1,099.00   **Call For BSW Price**

AMPEX
DIC DIGITAL
PANASONIC
SCOTCH/3M
SONY

Professional DAT Cassettes

BSW stocks a variety of DAT tape types and sizes at great prices. Call us with your requirements.

EVENTIDE

VR204
Digital Audio Logger

The VR204 four-channel digital logger is extremely easy to use, and because of its superior audio quality and low cost, is the perfect logging tool for radio stations in any market. The high density DDS2 drive of the VR204 can actually record more than 500 hours, divided among up to 4 channels, on a single DAT tape. That's 20+ days of continuous recording on a single channel! The VR204 is a single drive machine, yet it can play and record simultaneously. That's because it features an ingenious built-in hard disk memory module that keeps recording even if the tape is playing back an earlier segment, or even if the tape runs out. When the tape resumes recording, the content of the hard disk is transferred to tape, maintaining the complete recorded log. Special features include a built-in passcode security matrix and up to 4 special event flags that allow you to mark and retrieve important segments as they are recorded. VP204 is a play only model that is ideal for the GM's or PD's desk or for the group's main office. Both the VR204 and the VP204 can playback any of the 24 channels recorded on an Eventide VR240.

VR204 Mfr. List $7,495.00		Call For BSW Price
VP204 Mfr. List $6,295.00		Call For BSW Price

VR240III
Digital Audio Logger

The VR240III Digital Broadcast Logger is Eventide's most powerful DAT logging system. Like it's little brother the VR204, the VR240III features an internal hard drive that allows simultaneous record and playback as well as uninterrupted recording while tapes are being changed. There are two versions available: the VR240IIIS features a single DAT drive capable of recording up to 500 hours on one tape, or the VR240IIID with dual DAT drives. Standard VR240III models can record up to 8 channels of audio simultaneously. Additional 8 channel I/O boards can be purchased to increase the VR240III's I/O capability to 24 channels.

The VP244, a cost-effective, play-only unit provides flexibility in scanning and playing back DAT logs.

VR240IIIS	Mfr. List	$12,500.00
VR240IIID	Mfr. List	$15,390.00
I/O8 8-Channel I/O board	Mfr. List	$2,195.00 ea.
VP244 Play only unit	Mfr. List	$4,995.00
	Call For BSW Prices	

360 SYSTEMS

INSTANT-REPLAY
Hard Disk Player

- **1,000 Cut Library**
- **Up To 16 Hour Audio Storage**
- **Map 500 Cuts To Hot Keys For Instant Access**
- **Stereo 16-Bit Digital Audio Quality**
- **Playlisting**
- **Analog And Digital I/O**
- **Printer Output For Library Hard Copy**

The Instant-Replay (DR550) is a fully professional quality digital audio hard disk recorder/player. It maps individual recordings to 50 "Hot-Key" buttons, providing instant access to a very large library of recordings. Unlike electronic music samplers that only allow short "snapshots", Instant Replay stores hundreds of cuts ranging from a few seconds to almost unlimited duration.

Instant Replay stores up to 1,000 audio cuts of various lengths on it's internal hard disk. Once you've recorded a cut, it becomes part of a well-managed library so it's easy to find again. You can find a cut by typing its name or ID number, or, if it has been assigned to one of the 50 Hot-Keys, just hit its associated key for absolute instant access. The library is divided up into ten "banks" into which you can sort spots, sound effects, music, etc. Each bank can represent a grouping of cuts for a particular air shift, production project, etc. 50 cuts from each bank can have their own Hot-Key assignments for a total of 500 cuts mapped to Hot-Keys at any given time.

Like other 360 Systems products, Instant Replay offers powerful playback options that place it miles ahead of analog cart and tape machines. To play a cut, simply press a Hot-Key and audio starts instantly. When the cut is finished the audio is instantly re-cued. You can jump from one cut to another with completely seamless transitions. For short effects like gunshots or door slams, Instant Replay will play the effect instantly every time the button is pushed, making it ideal for a number of live situations. Audio cuts can also be selected as part of a playlist for sequential playback. A different playlist can be stored for each of the ten banks, and can be recalled for playback or editing at any time. Additional features include looping and pause functions as well as a preview button that lets you listen to a cut through the headphone jack without sending audio to the main outputs.

DR550-4	4 Hours Stereo	Mfr. List	$2,995.00
DR550-8	8 Hours Stereo	Mfr. List	$3,495.00
DR550-16	16 Hours Stereo	Mfr. List	$3,995.00
	Call For BSW Prices		

With Instantaneous Access To 1,000 Cuts, This Could Be The Only Other Accessory You Will Ever Need To Buy.
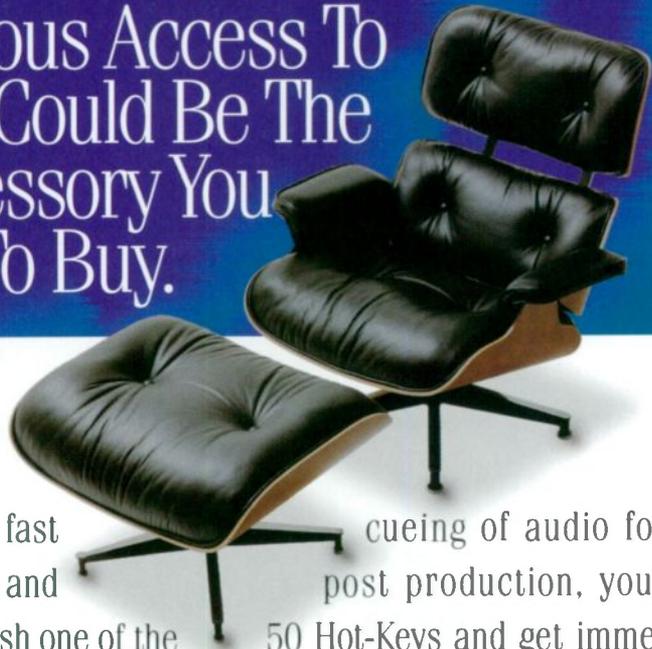
Sure, go ahead. Put your feet up.

Because with Instant Replay's® fast cueing of audio for radio, TV, live shows, sports events and post production, your work couldn't get any easier. Just push one of the 50 Hot-Keys and get immediate playback of your stored music, sound effects or spots—in stereo, with superlative quality.

Instant Replay is completely self-contained, sports a four or eight hour hard drive, and stores up to 1,000 cuts. There's no limit to the length of any cut, and no waiting for floppy disks to load. Professional features such as sample rate conversion, analog and digital I/O, automatic head trims, and even a printer port make this machine very agile and genuinely easy to use. *Best of all, it's only $2,995.*

Instant Replay, the Hard Disk Audio Player

Instant Replay is a new breed of digital audio player—especially designed for people in a hurry. Call 360 Systems today and arrange for a quick demonstration at your facility.

Easy chair optional.

360 Systems®
PROFESSIONAL DIGITAL AUDIO

360 SYSTEMS

DIGICART/II
Digital Audio Hard Disk Recorder

- **16-Hour Internal Hard Disk**
- **10,000 Cut Storage**
- **Instant Access To Any Cut**
- **Linear Recording Or With Dolby AC-2 Coding**
- **AES/EBU & AES/SMPTE Digital I/O**
- **16-Bit Stereo Digital Audio Quality**
- **Serial Interfacing**
- **Digital Editing**

DigiCart/II continues its success with the new 2500 Series featuring even more powerful software, greater storage options, standard AES/EBU and IEC-958 II digital I/O, enhanced remote control capabilities and Windows® software options for PC control.

DigiCart/II makes flawless 16-bit recordings, either in linear mode or with Dolby AC-2 data reduction for extended recording times. Playback mode offers instant access to 10,000 cuts (stored in 10 directories) with just a few keystrokes. Simply make a selection, hit play, and audio's rolling before your finger leaves the button. While that cut is playing, cue up the next cut and hit play when you're ready.

Playback options range from locate and play of a single cut to programmed playlists. Playlists range from simple strings of cuts selected on-the-fly to complex groups of linear or rotating stacks linked together. Back-to-back playback of audio cuts is absolutely seamless.

DigiCart/II stores up to 16 hours of stereo audio on hard disk and up to 68 minutes on removable media. The audio cuts range from 2 seconds to 2 hours or more with sampling rates of 48, 44.1, or 32K. Drop into record mode manually or automatically— with triggering on audio threshold.

Digital editing of heads, tails, fades, and gain is non-destructive and sub-frame accurate. And a host of menu items provide for user-programmable operational, library and parameter settings, allowing custom configurations as needed.

Expanded storage capacity is available through the DigiCart/II companion Hard Disk System. The HD houses up to five drives for additional storage of 80 hours.

	Mfr. List
2505 DigiCart/II 4 hr. 525 MB HD & Bernoulli	**$4,695.00**
2510 DigiCart/II 8 hr. 1-GB HD & Bernoulli	**$4,995.00**
2520 DigiCart/II 16 hr. 2-GB HD & Bernoulli	**$5,495.00**
2500 DigiCart/II with Bernoulli drive only	**$4,195.00**
Call For BSW Prices	

360 SYSTEMS
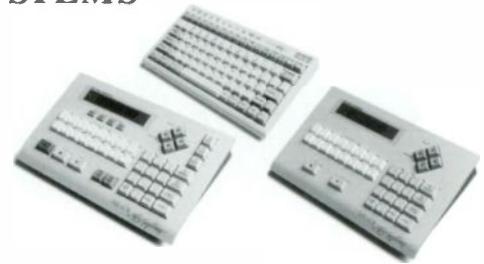
RC220/210/205
Direct Access Remote Controls

The RC220 remote duplicates Digicart/II's front panel and is designed primarily for production work, but can double for playback operations. It features 16 programmable presets and a keypad for rapid cut selection. It can control up to four machines.

The RC210 is a simplified remote, designed for on-air playback. Features include rapid playlist selection, 16 programmable presets and index number cut access.

The RC205 is a compact keyboard, perfect for titling directories and audio files. It maps up to 100 preset keys. DigicartII front panel keys appear as function keys.

RC220 Mfr. List $745.00	**Call For BSW Price**
RC210 Mfr. List $595.00	**Call For BSW Price**
RC205 Mfr. List $130.00	**Call For BSW Price**

PC Software For DigiCart/II

Computer-assist programs are available to augment DigiCart/II's operational capabilities. They run in a Windows environment on any standard 486 model PC.

OnScreen/II™ controls 1 to 3 DigiCart/IIs simultaneously and provides visual information about DigiCart's drives, directories and cuts. Additionally, it handles file management and library tasks, prints out lists of cuts, stacks and directories, and runs play and record functions. (Includes Print-It software.)

PC Hot-Keys™ provides instant access to multiple banks of 50 audio cuts. Each cut is displayed in a frame, allowing instant play commands via a mouse controlled cursor. (Includes Print-It software.)

Print-It™ software lets you organize audio cuts to provide printed lists that detail the contents of any DigiCart/II machine.

D-NET™ networking software upgrades your existing DigiCart/II allowing faster than real time transfers of digital audio files between other DigiCart/IIs and Instant Replay machines. Requires no network cards, file servers, or other "computer" hardware.

ONSCREEN/II	**Mfr. List $795.00**
PC HOTKEYS	**Mfr. List $595.00**
PRINT IT	**Mfr. List $295.00**
D-NET upgrade	**Mfr. List $300.00**
Call For BSW Prices	

DENON

DN900 SERIES
MiniDisc Machines

Denon MiniDisc machines combine the benefits of MD technology with the familiar operating characteristics and look of the DN951FA industry standard CD player.

The DN981F Denon's play only model offers a Hot Start function that allows you to assign 10 tracks of your choice to 10 independent Hot Start Buttons included in the MD remote software or an optional hardware remote control. Additional features include auto cue to music; single/continuous play; fader start; adjustable out cue; flexible cue outputs; RS232C remote interface; active balanced analog outputs; AES/EBU digital outputs and a 13-character time-code/name/message display.

The new DN990R recorder maintains the playback features of the DN981F plus advanced recording and editing features. Recording functions: instant recording; auto/manual track increment; backup for power failure during recording and switchable SCMS code writing. Editing features: end of track trim; cue point writing and the ability to erase, divide, combine, or move tracks.

The DN995R recorder adds external sync capability, a switchable RS422A/RS232C interface as well as refined end trim, cue, search and disc loading functions.

The DN981FA and DN995R include Windows® PC control software that provides a graphical interface to many MD Cart functions.

DN981F Mfr. List $2,800.00		**Call For BSW Price**
DN990R Mfr. List $3,500.00		**Call For BSW Price**
DN995R Mfr. List $4,300.00		**Call For BSW Price**

DN045R
MiniDisc Replicator

This unique machine performs digital-to-digital MD dubs, bypassing the ATRAC compression circuit, preserving the high quality sound of the original MD. Repeated editing on a MiniDisc causes data for each track to be fragmented over the disc, making it less efficient. The DN-045R will automatically defragment data from a fragmented disc so the dubbed copy will have a single, uninterrupted string of data on it. Dubs can be made up to 3.5 times faster than real time. An RS422A/232C serial port and provided Windows® software allow MDs to be edited during duplication.

Mfr. List $4,200.00   **Call For BSW Price**

DENON

DN1100R
MiniDisc Recorder/Player

The rapid-fire playback characteristics of the DN-1100R MD Recorder make it an excellent choice for fast paced live on-air work and productions, or in sports arenas and theaters where instant playback is required. It comes equipped with 10 Hot Start buttons that provide instant start of any 10 tracks that you preassign. Each button will start audio the moment it is touched even if another cut is playing. A 25-pin port allows you to remote control all of the Hot Start buttons with an optional Hot Start control box. Other features include cue to music; Denon's famous track select knob; switchable EOM indication; fader start; fade in function and much more. Analog I/O is balanced XLR and unbalanced RCA. RCA type digital input included.

Mfr. List $2,600.00   **Call For BSW Price**

DN80R
Portable MiniDisc Recorder/Player

The MiniDisc format has never ventured out of the relatively safe studio environment to become a viable means for recording audio in the field - until now. The DN-80R, Denon's portable MD recorder/player, is a compact, rugged MD recorder designed for life on the road. The machine is housed in a rigid aluminum case and utilizes a highly effective vibration-absorbing design with pickup mechanism suspension dampers to ensure great recordings under adverse conditions. In addition the DN-80R's PRE-UTOC function allows you to recover audio from recordings that were terminated due to loss of power etc. A 16 megabit RAM buffer memory (equivalent to 40 sec. stereo signal) helps prevent dropouts. Like other Denon MDs, it provides instant recording that begins the moment the record button is pushed. In mono mode you can make recordings up to 148 minutes on a single disc. Other useful features include a built-in speaker with volume control; switchable XLR mic/line level inputs with switchable mic attenuation; AES/EBU and IEC-958 digital I/O; AC or Battery operation; ACD-19 control software for track editing from your lap-top computer and many of the record/edit functions found in Denon's studio models.

Mfr. List $4,500.00   **Call For BSW Price**

SONY

MDSB3/MDSB4P
MiniDisc Machines

Designed to be a direct plug-in replacement for your NAB cart machines, the new MDSB3 and MDSB4P MiniDisc machines offer advantages that analog machines simply can't deliver, such as non-sequential recording, quick random access, easy handling and maintenance, high quality digital sound, table of contents editing and up to 74 minutes of recording time. These units provide memory start and cueing functions which provide rapid playback, suitable for on-air applications. The front panel display indicates the following: 25 track calendar; track title; end cue; commercial effective date; peak level meter; etc. Additional features include single /continuous playback capability; RAM buffer for auto-pause/auto-cue function; quick editing capability with combine, divide, move and erase functions; random music sensor; end of message indicator; supplied remote control and balanced analog XLR inputs and outputs. New features in these latest generation machines include digital inputs and outputs, 25 pin parallel remote port and D-sub 9-pin serial remote interface for RS-232C remote control.

MDSB3	Mfr. List $3,225.00	**Call For BSW Price**
MDSB4P	Mfr. List $2,500.00	**Call For BSW Price**

TASCAM

MD801R/MD801P
MiniDisc Recorder/Player

The MD-801R is a 3U rackmountable recorder incorporating a "jog" dial and is capable of editing increments as fine as 1/86th of a second. Combined with the ability to move, insert, combine and divide segments of program material, this unit is an extremely versatile, self-contained editing station. The MD-801R also features an End of Message (EOM) notification; defeatable SCMS encoding; XLR balanced and RCA unbalanced analog I/O; digital AES/EBU and S/PDIF I/O; RS232C serial and parallel interface and optional software for 10 track instant playback as well as the ability to enter data via a personal computer keyboard. The MD801P is a playback only unit. BU801 is optional RAM buffer.

MD801R	Mfr. List $2,499.00	**Call For BSW Price**
MD801P	Mfr. List $2,399.00	**Call For BSW Price**
BU801	Mfr. List $249.00	**Call For BSW Price**

AKAI

DR8/DR16
Multitrack Hard Disk Recorders

The DR8 and DR16 from AKAI are compact, easy to use rackmount machines that provide 8 or 16 tracks of random access, hard disk digital recording and editing. Both units are stand alone and don't require a computer to operate, however the optional SuperView™ VGA board is available allowing use of a standard VGA monitor for multi-page graphic display. They both feature a user friendly tape machine style interface, built-in digital mixing with dynamic MIDI automation. Mixing capabilities can be enhanced with an optional EQ board providing 3 band mid sweep digital EQ for 8 or 16 tracks. Fast and accurate editing with copy, move, insert, delete, erase and slip functions take these machines far beyond the capability of standard tape recorders. Interface options for both the DR8 and DR16 include SMPTE, MIDI Clock with SSP, MTC, A-DAT interface, RS422, Bi-phase and SCSI interface for adding external drive space. The DL16 is the remote record/edit/mix controller for the DR8 and DR16 with EQ, pan and 16 faders.

DR8	Mfr. List $3,495.00*	**Call For BSW Price**
DR16	Mfr. List $4,995.00*	**Call For BSW Price**
DL16	Mfr. List $1,795.00	**Call For BSW Price**

*Price does not include storage drive

DR4D
Hard Disk Recorder

The DR4d offers the speed and expandability of hard disk recording in a very affordable and compact package. This 4-track recorder offers some amazing editing capabilities right out of the box as well as the ability to expand up to 16 track operation. The DR4d-540 comes with a 540 MB hard drive that allows for approximately 108 total minutes of recording (27 minutes per track) that can be expanded with external SCSI drives. Features include random access cut/paste editing; 18 bit, 64X oversampling A/Ds; balanced 1/4" TRS inputs/outputs; digital AES/EBU & SDIFII I/O; SCSI ports for external drives; jog/shuttle; direct archiving to standard DAT machines and more. DL4d is an optional remote controller for the DR4d.

DR4D540	Mfr. List $2,145.00	**Call For BSW Price**
DL4D	Mfr. List $849.00	**Call For BSW Price**

SONY

GET OUT OF THE SAME OLD LOOP.

Tired of going around and around with your old cart machine?
Then it's time to head straight for Sony's digital MiniDisc Cart.
A direct result of Sony's leadership in MiniDisc technology, the MiniDisc Cart is a
simple plug-in replacement for your NAB cart. And it gives you advantages analog
simply can't deliver. Like superior sound quality, random access, low-cost/
re-recordable discs with up to 74 minutes of record time each, and more. Learn
how you can get out of the tape loop. Call 1-800-535-SONY, Ext. MD.

INNOVATION AT WORK.

ALESIS

ADAT XT
Digital Audio Recorder

Building on the huge foundation of 70,000 ADAT-format recorders installed worldwide, the ADAT®-XT™ keeps the ease of use and great sound that ADAT® is known for and adds exciting new features. The XT operates up to four times faster than the original ADAT® with intelligent software controlled tape transport, onboard digital editing and flexible autolocation. Improved audio performance is the result of the latest ultrahigh fidelity 18-bit, 128 times oversampling A/D converters. Other features include an onboard 10-point autolocation system, onboard copy/paste digital editing and a comprehensive vacuum florescent display.

The optional BRC controller offers additional automated control and non-destructive editing features. Up to 16 ADATs can be controlled from one BRC.

> ADATXT Mfr. List $3,499.00   Call For BSW Price
> BRC   Mfr. List $1,499.00   Call For BSW Price
> *Available in North America only*

E-MU

DARWIN
Hard Disk Recorder

Darwin is a stand-alone random access hard disk recorder that features screen-based digital audio workstation style recording/editing capabilities with a user interface that is extremely easy to use, all at a price comparable to popular modular multitrack digital tape recorders. Playlist-style editing and multiple levels of undo put real power at your fingertips. Yet large tape machine-style transport controls and large, easy to read, main edit screen make even the most computer illiterate operators comfortable. In fact all of Darwin's sophisticated editing and recording features can be accessed from the main screen. There's no need to scroll through menus to find different functions. Darwin's virtual slave reel function allows you to hold up to 100 different edited versions of an audio cut such as a commercial with only a slight increase in memory from the original. When it comes to system expandability the Darwin is an open door. 5 rear panel and 2 internal option slots allow you to add external SCSI drives, a sync card for linking up to 4 Darwins, ADAT digital I/O card, 4 additional analog inputs, even onboard removable disks. The standard package includes 8 balanced analog outputs and 4 balanced analog inputs, S/PDIF digital I/O and MIDI interface.

> Mfr. List $3,795.00 with 1GB drive   Call For BSW Price

FOSTEX
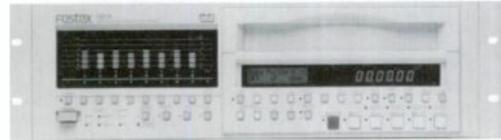
RD8
Digital Audio Recorder

Based on the widely used ADAT format, the RD8 provides digital 8-track capability with a new level of SMPTE/MIDI sync capability in a compact, affordable package. Features include built-in SMPTE reader/generator for all formats, RS422 port for interface to digital audio workstations and VTR emulation, on-board synchronizer for full chase/lock operation with offset, pull-up/pull-down functions for film-to-video/video-to-film, track slip, selectable sampling and much more. Post prodution facilities and broadcasters serious about sychronization will want to consider this fully ADAT group compatible machine.

> Mfr. List $4,395.00   Call For BSW Price
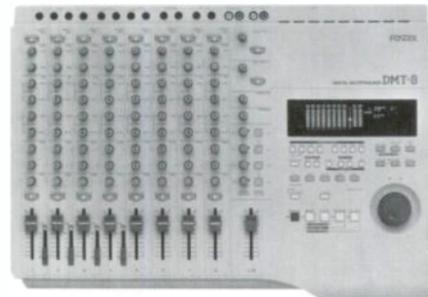
DMT8
Digital Multitracker

The Fostex DMT-8 incorporates a 16-bit linear hard disk recorder and an 8-channel, 22 input mixing system into one compact unit. Just add mics and processing and you have a complete portable digital recording studio. Going beyond simple 8-track recording and playback, the DMT-8 offers copy and paste editing with undo as well as built-in MIDI sync that doesn't take up a recording track to use. Its instantaneous search to Zero or any cue point speeds up the recording and editing process immensely. A jog shuttle wheel provides digital scrubbing without pitch change as well as fast, audible Cue and Review. Record up to 4 tracks at a time directly to the internal 540MB hard drive; edit your work, then save a digital audio master or session data to DAT via the optical S/PDIF digital I/O port (converter for coaxial S/PDIF available). The mixer section provides 8 channels, each with two inputs (main and sub) that have their own gain and pan controls. Each main channel features two channels of parametric EQ, 2 AUX sends and group assign switches. Channels 1-4 have input trim faders that allow for mic or line input levels as well as channel insert patch points. DMT-8 outputs include main and monitor stereo outs, 2 AUX sends and direct outs for tracks 1-8. Rounding out this compact studio is a florescent tube display that meters all 8 tracks and the main stereo buss as well as absolute time, MIDI time code and MIDI/Bar/Beat.

> Mfr. List $2,795.00   Call For BSW Price

RAMSA

MDA1
Digital Audio Recorder

Based on the ADAT S-VHS tape format, the MDA-1 8-track modular multitrack digital recorder is designed for audio professionals looking for pro level audio interface and performance. The audio quality of this machine is outstanding with 18 bit 128 times oversampling A/D converters and 20 bit, 8 times oversampling D/A converters. It utilizes the latest developments in transport technology incorporating an "intelligent", quick response software-controlled tape transport combined with a dynamic braking system for smooth gentle tape handling that is very fast and accurate. Automated features include an onboard 10-point autolocate memory system, auto record, auto play, auto return and rehearse functions. The auto record function enables punch in/punch out times accurate to 1/100th of a second. The auto play function sets segment start and end points for track shuttle purposes. Auto return allows a point to be set at which the tape returns to the auto play point and rehearse mode allows audio takes to be practiced before being committed to tape. The MDA-8 provides both balanced XLR and unbalanced RCA inputs and outputs.

Mfr. List $3,695.00   **Call For BSW Price**

SONY

PCM800
Digital Audio Recorder

Based on the robust and reliable Hi8 video format, the PCM-800 8-channel digital audio recorder provides an affordable, high performance tool for radio/TV broadcasters, project studios and post production facilities. It offers 108 minutes of 16-bit linear digital audio on a standard 120 minute tape with outstanding sound quality. Equipped with AES/EBU digital I/O and balanced XLR analog I/O, the PCM-800 is ready to interface directly to pro audio equipment. The DABK-801 optional sync board allows up to 16 machines to be linked together for a system of up to 128 channels. The sync board also provides SMPTE/EBU time code chase and generation as well as MIDI machine control and NTSC/PAL video sync. The optional RM-D800 remote control unit provides full control including the jog shuttle wheel and can control up to six machines.

PCM800	Mfr. List $5,995.00	Call For BSW Price
DABK801	Mfr. List $800.00	Call For BSW Price
RMD800	Mfr. List $1,083.00	Call For BSW Price

TASCAM

DA88
Digital 8 Track Recorder

Tascam's DA88 digital 8 track recorder utilizes the readily available Hi-8, 8mm tape format to produce CD quality recordings up to 100 minutes in length on a standard 120 minute tape.

Beside the rugged transport construction you'd expect from Tascam, the DA88 is very easy to use. The front panel has large transport buttons for FF/REW, Stop, Play, and Record. Getting around on your tape is quick and easy with super fast FF/REW time (entire tape in just 80 seconds) and a locator jog/shuttle wheel.

With DA88's building block approach, up to sixteen machines can be locked together for 128 tracks. Start with a single 8 track machine, then, as your needs grow, add additional machines as required. The RC848 gives you direct control of up to 6 units (48 tracks). RC808 is the single unit controller.

The optional sync board (SY88) provides SMPTE synch., video sync., a 9-pin RS-422 port, and MIDI machine control.

DA88 (8 track recorder)	Mfr. List $4,799.00
RC848 (Multi-Unit Controller)	Mfr. List $1,599.00
RC808 (Single Unit Controller)	Mfr. List $225.00
SY88 (Chase Sync. Board)	Mfr. List $849.00
MU8824 (24 Track Remote Meter Unit)	Mfr. List $999.00
IF88AE (AES/SPDIF Digital Interface)	Mfr. List $1,149.00
IF88SD (SPDIFII Digital Interface)	Mfr. List $1,299.00

Call For BSW Prices

JLCOOPER

CUEPOINT
Universal Remote Controller

CuePoint is the first device of its kind to support Midi Machine Control, an exciting standard for universally controlling audio and video recorders. It can simultaneously and independently control up to 4 machines including the Akai DR-4d, DR-8, Alesis ADAT, EMU Darwin, Fostex RD-8, Panasonic Sony PCM-800, Tascam DA-88 and other digital or analog recorders that support Midi Machine Control. Control features include 99 cue points, quarter frame accuracy, SMPTE reader/generator with MTC, pre-roll and post-roll times, optional Mac and PC software support and much more.

Mfr. List $849.95   **Call For BSW Price**

ARRAKIS

DIGILINK III
Digital Audio Storage/Automation Systems

Digilink III is a multipurpose digital audio workstation for satellite, CD and hard disk automation as well as on-air or live assist applications and audio production. With four times the power of the #1 selling Digilink II, the Digilink III offers the most power and features of any workstation of its type in radio today. Two separate audio outputs and the ability to triple play and record allows this amazing workstation to function as an on-air playback/scheduling device and a production recorder/editor simultaneously. With the appropriate options and a second VGA monitor with keyboard you can even have two independent studios, one for on-air and one for production, all with one DL-3 workstation. Adding Trak*Star III software gives your Digilink incredible multitrack editing power. Call today to find out why more radio stations world wide depend on Digilink digital audio workstations.

DL3-600 is a workstation with 10 hours of stereo audio storage, a VGA color monitor, keyboard and mouse. DL3-1000 is a 16 hour system. Digilink II users can still purchase additional DLII systems or upgrade existing units to DLIII systems.

DL3-600	Mfr. List $7,995.00	Call For BSW Price
DL3-1000	Mfr. List $9,995.00	Call For BSW Price

Software Accessories

Now your Digilink workstation can be controlled from two places at the same time with a remote control package. Simply call in via modem from a remote PC and you can view and control the on-air Digilink workstation even while another operator is using it. This powerful option opens up the possibility for unattended remotes, for recording news updates from the field or for making program changes from home or the corporate office. The remote package includes: (1) DL-REM, (1) MOD-1, (1) DL-CS, (1) DL-CTRL. Your DL workstation must also have a NET-1 option installed.

Add news and text interface to your Digilink for even more flexibility. News/Text software provides E-mail with alerting, a built-in text editor, the ability to place text files into a playlist and interface to news wire services.

REMOTE PKG. (requires NET-1 option)	Mfr. List $1,964.00	
NEWS/TEXT PKG.	Mfr. List	$495.00
	Call For BSW Prices	

ARRAKIS

GEM1
Live On-Air Workstation

GEM1 is a new digital audio workstation system assembled for fast paced, major market, live on-air productions. This package consists of a triple play DLIII workstation and a 99 push-button control surface. With it you can play multiple sound files simultaneously. For example you can play a music bed, phoner and effect at the same time. The control surface is even jock specific, and will change from shift to shift. Dual outputs from the DLIII allow you to cue a file while another is playing on air and the new DL-Live software included in this system makes live on-air operation even faster and more intuitive! Features include on screen cart wall; phone editor; segue editor; tagged text pop-ups for automatic news text or music tags; network compatibility with all Digilink and Trak*Star workstations and optional CD jukebox support.

|	
GEM1 Mfr. List $9,488.00	Call For BSW Price
GEM-6CC control surface only	
Mfr. List $1,195.00	Call For BSW Price
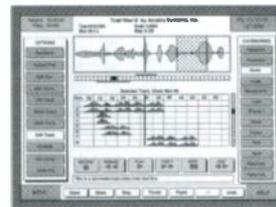
TRAKSTAR III
Multi Track Workstation

The Arrakis Trak*Star III is a powerful multitrack production system that is incredibly fast and easy to use and is the only production system in the industry that can provide 100% on-air back up for your Digilink system with Emergency DLIII software.

The Trak*Star III can be purchased as a stand-alone system with the same processor and audio card as the Digilink III, or purchased as a software upgrade to provide powerful editing capability to existing DLIIIs. Unlike RAM based systems, Trak*Star III can edit files up to 6 hours long. It allows you to scrub, cut, splice, and fade up to 8 tracks to create spots, programs, jingles and phoners quickly and easily.

TS3-600 is a complete system including a DL3-600 workstation, Track*Star III software, Emergency DLIII software, 2.5 hours digital audio storage, VGA color monitor, keyboard and mouse.

|	
TS3-600 Mfr. List $5,995.00	Call For BSW Price
TS3-600 software only Mfr. List $2,495.00	Call For BSW Price

THE BLUE GROUP

PHONEBYTE
Digital Reel-to-Reel Replacement

If you're still using tape to record phone calls, you may be behind the times. Take note of what stations all over the country are now using......PhoneByte!

Say good-bye to klunky recorders, razor blades and splice tape....say hello to incredibly fast and easy digital editing with your new PhoneByte. Just a single keystroke or simple click of the mouse allows you to record, edit, play, and archive all of your phone bits and sound effects.

PhoneByte's unique edit system is non-destructive and uses start and end points along with cut and paste features for intuitive and flexible editing with instant playback.

Grouping or stacking calls or other audio for sequential playback is a breeze with PhoneByte. Play back stacked cuts continuously or stop between cuts for comment.

The custom colorized keyboard with built-in track ball makes learning PhoneByte a snap. The record button is a red key labeled "RECORD" The Play button is green and says "PLAY".


Your personal collection of sound effects and drops can be assigned to hot keys for instant access. The custom keyboard's 12 function keys can be used, or optional touch button panels can be ordered with 60, 176, or 300 button configurations.

PhoneByte is the fast, easy, and cost effective way to get great phone bits on the air...without the use of tape.

Call For BSW Pricing And System Configuration

WIREREADY NSI
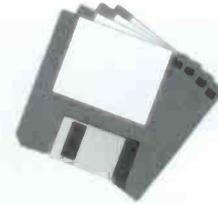
RADIOREADY
Software Suite

Combines the popular software programs listed below to create an affordable digital hard-drive system for the entire radio station. Software is completely integrated and runs on PCs* and LANs*. Suite includes 1 year of 24-hour 800 support and free upgrades. RadioReady™ is compatible with digital audio cards like the CardD Plus*. Audio files can be downloaded digitally from multi-track *.WAV editors like SAW* & FastEddie* via modem*, LAN*, and ZIP drives*. (*) items supplied by customer or sold separately.

CartReady™

Cart replacement software lets you record, playback and manage up to 5000 different audio files of any length on your hard-drive or LAN file-server. Supports traffic codes, start & stop dates, rotations and includes built-in easy-to-use cut & trim editor.

ReelReady™

Reel replacement software for phone-bits, contests, actualities, newswraps and long-form programs. Work with 50 different bits at a time which can be saved, redubbed, rearranged, deleted, cut apart and spliced back together in seconds.

On-AirReady™

10 on-screen stackable cart-decks. Software includes rotaters, kill dates, ASCII traffic log imports, instantaneous playing via push button and a big on-screen count-down timer.

NewsReady™

Built in timed copy editor for news, liners, and promo event copy. Arrange audio cuts right in your on-screen text so your bits can be played back in a preset order using any ordinary push-button. No more cart piles. Set up thousands of reusable text files too.

WireReady®

Capture any wire or data service(s) you now have barreling off a teleprinter like AP, ABC, etc. Software now used by well over 1000 radio stations. Easy to use and loaded with features.

SO-RR1W 1-Workstation Pkg.	**Mfr. List**	**$2,495.00**
SO-RR2W 2-Workstation Pkg.	**Mfr. List**	**$3,995.00**
SO-RR5W 5-Workstation Pkg.	**Mfr. List**	**$7,995.00**
SO-RR10W 10-Workstation Pkg.	**Mfr. List**	**$9,995.00**
SO-RR25W 25-Workstation Pkg.	**Mfr. List**	**$14,955.00**

Call For BSW Prices

CONTROLREADY
Satellite Automation Packages

Includes 2-Workstation RadioReady Pak, plus ControlReady™ software. Only needs 1 computer. Use 2 computers and you've got a second on-air/production unit which is also a backup at no extra charge. Package includes an 8X2 switcher, 16 x16 controller, live-assist button box, modem, cables, remote control software, dial-in log setup and screen by screen training for you and your staff. DAT/SEDAT controllers and other packages are available.

Mfr. List $6,995.00   **Call For BSW Price**

DIGIDESIGN

SESSION•8
Digital Audio Workstation

The Session• 8 brings together virtually all of the leading-edge recording technology available today, such as: direct-to-disc digital multitrack recording, digital mixing and track bouncing, random access editing, digital signal processing and MIDI interface in one compact, easy to use system. Designed for PC and MAC platforms, Session•8 gives you some very powerful options for creating a recording environment tailored to your exact needs. You have a choice of either external analog or internal digital mix modes for working with Session• 8's built-in digital patching and routing capabilities.

Session• 8's familiar console-style interface makes tracking and mixing simple. Control EQ, panning, autolocation, track bouncing, effects levels and more with the click of a button.

Editing is a snap in Session •8's editing window. Cut, paste, move and rearrange audio phrases with speed and precision. No need to worry about making mistakes, edits are non destructive and are stored as separate takes for quick comparison. And to make things even easier, tracks are color coded for easy identification and a huge zoom scale lets you view the entire cut at once or zoom to individual samples.

The optional R1 remote controller provides hands-on control for your Session•8 system. It features sleek, ergonomic design with transport controls, faders, autolocates, and assignable function keys. This sophisticated, yet easy to use controller is a powerful alternative to mouse control, and is an indispensable tool for live mixdown.

Session• 8 requires a separate computer and is configured with a building block approach. Start with a core system including the software and audio card. Then choose from three interface options to fit your application. For users who demand a completely integrated, all-digital system tracking, mixing, patching and editing, there's the original 882 Studio™ interface. For those who wish to use their existing console, the appropriate choice is the 882 I/O™ interface. And finally for those who need balanced, XLR inputs Digidesign offers the 8 XL™ (available for PC only).

Ask about optional interface for direct connection to Alesis ADAT.

SESSION•8 (PC or Mac software & card)	**Mfr. List $1,995.00**
PH007 882 I/O interface	**Mfr. List $995.00**
PH002 882 Studio Interface	**Mfr. List $1,995.00**
PZ002 8XL Session•8XL	**Mfr. List $5,995.00**
PH003US R1 remote control	**Mfr. List $995.00**
MH034 SMPTE slave driver	**Mfr. List $1,295.00**

Call For BSW Prices
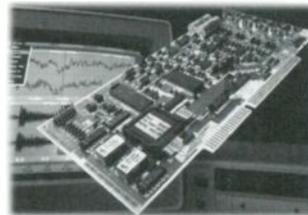
DIGITAL AUDIO LABS

CARD DPLUS
Digital Recording Hardware

With the CardD Plus™ (TC-01) from Digital Audio Labs you can turn your PC into a professional quality digital audio recording system. This IBM AT-compatible system is contained on a single plug-in card, including A/D and D/A converters with 16-bit resolution allowing for 32 kHz, 44.1 kHz and 48 kHz sampling rates. CardD Plus™ supports simultaneous record and playback. Inputs and outputs are RCA stereo (+4 dB or -10 dB levels).

For digital input/output capability there's I/O CardD™ (I/O-01). This is a companion product to CardD Plus™ and connects directly to it via ribbon cable to provide direct digital transfer to and from DAT machines etc. in S/PDIF format. The Digital Only CardD™ (DO-01) is a stand alone digital transfer card that does not require the CardD Plus™.

TCO1 CardDPlus™ Digital Recorder	**Mfr. List $795.00**
IO-01 Digital In/Out Card	**Mfr. List $295.00**
DO-01 Stand Alone Digital In/Out Card	**Mfr. List $495.00**

Call For BSW Prices

FAST EDDIE/EDDITOR PLUS
Editing Software

FastEddie™ provides fully non-destructive waveform editing for Windows™ .wave files. It is so intuitive that a novice can learn it quickly, and so powerful it can meet the editing demands of the professional. Cut, paste and delete functions are ultra fast on FastEddie™. Zoom in/out lets you see large soundfiles, up to hours in length and zoom in down to the single sample level. Other useful features include the ability to layer two sounds together, custom fades and crossfades, reverse and varispeed playback, gain adjustment and leveling, flexible edit markers, and a unique edit history that lets you go back to a previous point in your editing up to 10 steps back.

The EdDitorPlus™ gives you all the editing features of FastEddie™ plus simultaneous record and play so you can lay down one stereo track while listening to another. EdDitor Plus™ also provides preset punch-in recording as well as an audible scrub function for fast cueing.

FE-01 FastEddie	**Mfr. List $199.00**
EP-01 EdDitorPlus™	**Mfr. List $349.00**

Call For BSW Prices

DIGITAL AUDIO LABS

V8
Digital Audio Hardware

You don't have to settle for less than professional audio quality or interface options for your PC digital audio system now that there's the new V8™ from Digital Audio Labs. V8™ is the professional digital audio hardware for the PC that plugs into your PC and works as your digital recorder and mixing console. With the V8™ and any number of compatible software programs you can design a system where you choose the amount of signal processing power, the number of analog inputs and outputs, external sync capability and interface to digital multitrack machines. The main V8™ board offers 16-bit audio recording and playback of up to 16 channels with 44.1 and 48 kHz sampling rates. It also features 2 built-in DSPs processors and expansion slots to load up to 6 more DSPs. Options include the Supercharger™ dual DSP module, Timing Gear™ a rackmount MIDI/SMPTE sync box, I/O boards with 8 or 2 balanced analog channels and digital I/O as well as interface cards for ADAT and DA-88.

V8 main board w/4MB RAM   **Mfr. List $1,895.00**
Call For Options And BSW Pricing

FOSTEX

FOUNDATION 2000RE
Digital Recording/Editing System

Foundation 2000RE brings the broadcaster random access digital audio recording/editing for under $10,000. Powerful, yet very easy to use, the Foundation 2000RE is an 8 channel system with 8 analog and 8 digital inputs and outputs. You won't find a mouse or cursor on this system. Its solid brass jog wheel controls high resolution audio scrubbing that sounds and feels like analog reel rocking.
Dedicated keys allow single stroke cut, paste, fade and trim functions. Six levels of undo/redo non-destructive editing provide a way back from creative dead-ends. If you're looking for a reliable, high quality audio workstation with virtually no learning curve, you owe it to yourself to check out the Fostex 2000RE.

Mfr. List $9,995.00   **Call For BSW Price**

IQS

SAW/SAWPLUS
Multi-Track Digital Mixing/Editing Software

The SAW and SAWPLUS systems, used with a digital audio card, such as the Digital Audio Labs CardD™, converts your PC running Windows™ into a multi-track recording, mixing and editing station. SAW Plus software audio workstation offers 16 track mono or stereo real-time playback and complete drag and drop nonlinear editing. The 16 track on-screen software mixer includes pan, solo and mute functions. Individual tracks (soundfiles) can be mono or stereo and have different resolutions and sample rates - SAW's mixing window supports them all simultaneously. SAW supports multiple card outputs and includes built-in graphic EQ, audio gate/compressor, echo effects and auto pan.

SAW operates on the Windows™ platform and creates 8 tracks (4 stereo pairs) which can be overlaid and played back in real time. A 4 channel on-screen mixer gives you non-destructive programmable mixing. Drag and drop editing is available across 40 sound files at once. Change pitch/length without distortion, draw in custom crossfades from one track to another and more. External MIDI/SMPTE sync. available.

SAWPLUS Mfr. List $999.00   **Call For BSW Price**
SAW   Mfr. List $599.00   **Call For BSW Price**

OSC

DECK II
Digital Audio Workstation Software

Deck II runs on Macintosh computers and is designed to work on the new Macs that include internal 16-bit sound cards so no additional audio or video cards are needed. Older Macs can run Deck II with the addition of a soundcard such as Digidesign Audiomedia or Protools, RasterOps MediaTime, or Spectral Innovations NuMedia.

It offers 16-bit, multitrack hard disk recording, real-time moving fader automation, non-destructive waveform editing, unlimited digital track bounce, continuous SMPTE synchronization to all SMPTE formats, synchronous QuickTime video playback and more.

Mfr. List $399.00 (Software only)   **Call For BSW Price**

Fostex Digital Audio Production Tools – Efficient and Affordable.

OUR PHYSICAL CONSOLE ISN'T AN OPTION. IT'S THE WHOLE IDEA.

Random Access Digital Audio Production by SoundLink.

No mousing. No fumbling. And no nonsense. We designed the SoundLink Digital Audio Production System exactly as our most demanding customers asked us to: Without compromise.

We built an intuitive and full-featured console that gives you complete control over random-access digital recording, editing and audio mixing. Along with digital signal processing, machine control, MIDI capabilities and synchronization.

So if you're working in radio or any other audio environment, now you can enjoy all the benefits of random-access digital editing with all the advanced features you require.

> *"SoundLink has not only made every production operation faster, it's also expanded my creative capabilities to include things I could never tackle with analog equipment."*
> — Rick Wiggins, Creative Director
> WJR-AM, Detroit
> Capital Cities/ABC, Inc.

> *"It's one of the few pieces of equipment at the station I don't have to worry about."*
> — Fred Holub, Chief Engineer
> KLAX-FM/KXED-AM, LA
> Spanish Broadcasting System

> *"This is the 90s production room solution. Its integrated digital console, storage and editing combine to make one of the most efficient and cleanest operating studios you can find anywhere."*
> — Roy Pressman, Tech. Director
> WLVE-FM/WZTA-FM/WINZ-AM
> Paxson Broadcasting, Miami

And instead of having to work on an imaginary desktop, you can enjoy the comfort of the real thing–with controls you can get your hands on.

Best of all, SoundLink is a perfectly integrated production system, rock-solid and problem-free. Not a fragile mix of components.

For more information, just pick up your physical telephone and call Broadcast Supply Worldwide at 800-426-8434. If you'd like to have complete control over your digital production, anything less really isn't an option.

SoundLink® KORG Professional Audio

KORG

SOUNDLINK
Digital Audio Workstation

The Korg Soundlink is a comprehensive, versatile and affordable random access digital audio multi-track system designed to save you time and money.

No other system offers you as much processing power and flexibility right out of the box. In fact, SoundLink is virtually fully assembled upon delivery, making it remarkably quick and easy to install and start operating.

This turn key system features 3 system components: the console, with all of the operating controls, faders, visual display etc.; the main unit, including the CPU, DSP and I/O section; and the storage unit with SCSI hard disk and 8mm tape backup. It's logical layout of familiar controls and multi-faceted architecture make it easy for the non-technical operator to begin editing very quickly, yet it offers advanced features to tackle even the toughest production scenarios.

Soundlink's recording section allows you to record up to 8 tracks simultaneously with over 100 minutes of storage time on a standard system (expandable to 9 hours).

Non-destructive editing functions include erase, move, copy, trim, ramp in/out and crossfade. Audio scrubbing and waveform display help you locate edit points quickly and precisely.

Real time automated mixing with digital audio signal processing and effects put the power of an entire production studio at your fingertips.

- 8 Analog Inputs, 10 Analog Outputs and Digital I/O with 8 Track Simultaneous Recording/Playback.
- 8 Channel Automated Digital Mixing.
  - Automated faders and mutes
  - Automated Aux/FX sends and pan pots
- Non-Destructive Editing.
  - Waveform editing, audio scrubbing
- Real Time DSP Functions.
  - 8 Channels of automated 3 band EQ
  - Digital automated reverb
  - Digital automated stereo compressor/limiter
  - 8 channel noise gates
- Time Compression/Expansion & Sample Rate Conversion
- Full Synchronization.
- 16 Track MIDI Recorder/Sequencer.

SOUNDLINK Complete System Mfr. List $29,000.00
Call For BSW Price

ROLAND
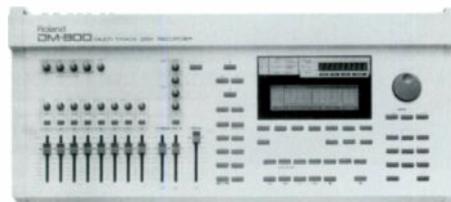
DM800
Digital Audio Workstation

This entire 8-track recorder and 12 channel mixing system is integrated into a compact 26" x 11 1/4" package that weighs just over 12 lbs. Economical, comprehensive and easy-to-use, the DM-800 offers nondestructive recording/editing, optional ADAT communication buss, video display output, optional RS 422 interface, 300 virtual tracks, full dynamic automation, MIDI integration and time compression. The DM-800 employs a 16-bit linear recording data format, with selectable sampling rates of 48 kHz, 44.1 kHz and 32 kHz. It can lock to and generate both SMPTE and MIDI Time Code.

Storage for the DM800 is purchased in addition to the basic unit. There is provision for two 2.5" SCSI hard disks to be mounted internally as well as SCSI ports for external drives and DAT back up.

Mfr. List $6,295.00 (base unit without storage)
Call For BSW Price And Storage Options

DM80
Digital Audio Workstation

The DM80 is the older brother to the DM800 featuring the same ease-of-use and bulletproof performance. Designed to be an expandable system, the DM80 lets you configure systems from 4 to 24 tracks and includes SCSI interface so you can ad the amount of storage you need. The recorder, remote control and mixing surface are separate components and can be purchased as you have need of them. DM80 also supports Macintosh graphic interface with optional software.

DM80-8 Recorder (8 Track)	**Mfr. List $6,995.00**
DM80R Remote Controller	**Mfr. List $1,895.00**
DM80F Fader Panel	**Mfr. List $1,195.00**
DM80-S Mac Software	**Mfr. List $650.00**

Call For Other Configurations And BSW Prices

CRL

DAA50
Digital Signal Analyzer

The CRL DAA-50 offers comprehensive analysis of digital audio signals. It identifies signal format, pro/consumer mode, emphasis status, audio/non-audio mode, frequency and much more. Includes AC adaptor that recharges the batteries.

> **Mfr. List $795.00**   **Call For BSW Price**

FOSTEX

FSC-1
Digital Sample Rate Converter

The FSC-1 converts a digital input signal with any arbitrary or imprecise sampling frequency to either 48kHz, 44.1kHz, 44.056kHz or 32kHz asynchronously within ±20ppm (internal mode). It also features an EXT WORD IN terminal with "wide" or "narrow" mode selection. Input connectors are provided for XLR, coaxial and optical inputs to support (AES/EBU) and consumer (S/PDIF) formats. Excellent for converting from consumer to pro standards and synchronizing the digital clocks in multiple pieces of equipment.

> **Mfr. List $1,395.00**   **Call For BSW Price**

MIDIMAN

MIDI/SMPTE INTERFACES

MIDIMAN provides innovative MIDI interface products like wireless MIDI interfaces, MIDI/PC interfaces, MIDI/Mac interfaces and ultra-reliable MIDI/SMPTE sync boxes for reasonable prices with a lifetime guarantee.

> **Call BSW For Pricing And Configuration**

SYMETRIX

620
20 BIT A/D Converter

The 16 bit digital audio systems around today have made vast improvements over the analog recording/processing equipment of years past. However there are things that 16 bit digital systems don't do so well, such as reproduce very low level sounds. Undithered signals that fall below the digital quantization level are lost and gone forever. If your console boasts 110 dB dynamic range and you record to DAT (even if it's equipped with an 18 bit converter), your dynamic range is reduced to 96 dB at best. The solution is the Symetrix 620 20 bit A/D converter. It captures the detailed analog audio and intelligently processes it into the 16 bit storage medium using dithering and noise shaping. This improves the effective dynamic range of 16 bit sounds offering the best, most natural sound your equipment can reproduce. The 620 can also perform real time sample rate conversion. Supports AES/EBU and S/PDIF I/O.

> **Mfr. List $995.00**   **Call For BSW Price**

Z SYSTEMS

Z-LINK
Sample Rate Converter

The Z-Link is an affordable sample rate converter that provides 44.1 and 48 kHz output in AES/EBU or S/PDIF formats. Transformer isolated RCA or BNC inputs and outputs, 20 bit resolution, 120 dB dynamic range, noise -106 dB. Z-Link+ adds AES sync input and loop-through for synchronization to other sample rates and sources.

> **Z-LINK Mfr. List $349.00**   **Call For BSW Price**
> **Z-LINK+ Mfr. List $549.00**   **Call For BSW Price**

DIGITAL AUDIO STORAGE

BSW provides the correct media for all of your digital storage and back-up needs. We can supply a variety of SCSI hard disk drives, optical drives, DAT back-up drives and rack-mountable combinations of the above.

> **Call BSW For Pricing And Configuration**

GORMAN - REDLICH
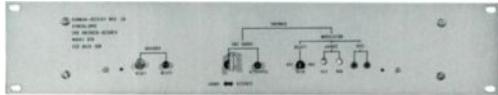
CEB
EBS Monitor

This low cost unit exceeds FCC specifications for EBS requirements and offers uncompromising quality and performance.

Features:
• Encoder FCC type accepted • Decoder FCC certified • Provision for remote operation • Programming loop through standard in encoder
• Decoder demutes monitor receiver/and or activates auxiliary alarm
• Decoder can be self-tested • Requires outboard tuner

Mfr. List $540.00   **Call For BSW Price**

CRW
Weather Alert Monitor

Receive accurate local weather, plus emergency alert messages, weather radar data or marine information. Automatic warning for severe weather or civil defense emergency. Features include High Q, individually tuned active filters that eliminate false alarms, rear panel relay closure for audible alarm and/or to start a recorder and rear panel jack for 50Ω antenna.

Mfr. List $540.00   **Call For BSW Price**

OFF SITE RECEIVER
Portable Off-Site EBS Monitor

This tunable AM/FM Receiver features Gorman's FCC certified model C.D. EBS decoder mounted on the rear and directly attached to the receiver output. This unit is ideal for use during hours of unattended operation at the studio and transmitter site. With modern remote control equipment the alert message can be put on the air via telephone.

A stand alone decoder unit is also available for use with the receiver of your choice, or the decoder can be driven by a phone line.

OFFSITERCV Receiver/Decoder   **Mfr. List $350.00**
OFFSITECDBOX Decoder only   **Mfr. List $250.00**
                Call For BSW Prices

MTS

3000C
EBS/Weather Monitor

System 3000C incorporates three monitor receivers, and an EBS encoder/decoder into a single rackspace unit. System 3000A can monitor your areas CPCS1, CPCS2, and the local NOAA weather service. Or it can monitor your CPCS1, CPCS2, and an adjacent area CPCS1. With 2 or more systems you can monitor EBS and NOAA services over a large area thereby offering your community the best information and protection available.

Additional features include; three channel scan; continuous automatic self test; manual or automatic operation; program audio loop through; NOAA priority alert decoder; left and right channel outputs; remote operation; built-in monitor speaker and optional NOAA weather service receiver.

Mfr. List $1,900.00   **Call For BSW Price**

SYSTEM 1000
EBS System

This single rack space unit covers all your EBS requirements with EBS encoder, decoder, and receiver built in.

Features include continuous automatic self test; full program audio loop through; digital remote control access; stereo outputs; independent encoder output; alarm relay and Hi-Z RX monitor port.

Mfr. List $899.95   **Call For BSW Price**

TFT

886/887
EBS Monitor

The AM receiver, Model 886, and the FM receiver, Model 887, are tunable for their entire respective broadcast bands via front panel push button selectors. Both receivers have built-in two tone decoders for the 853 Hz and 960 Hz EBS signalling tones. Two 2-digit LED displays on the front panels of the receivers show the number of days, up to twelve, since EBS test transmissions were last received and/or sent to help avoid FCC citations.

886 Mfr. List $2,150.00   **Call For BSW Price**
887 Mfr. List $2,075.00   **Call For BSW Price**

AKG

K240M

The K240M offers accurate reproduction at all listening levels, and extreme comfort with virtually no fatigue with prolonged use. Frequency response 15 Hz to 20,000 Hz. 4-600 ohm impedance.

Mfr. List $129.95   **Call For BSW Price**

AUDIO TECHNICA

ATHD40/ATHM40

These headphones offer bulletproof durability in a sealed-ear format. Ear pads rotate 180° to permit one-ear monitoring. ATH-M40 has a flat frequency response from 5 Hz to 28 kHz. ATH-D40 features enhanced bass (boost from 20 to 500 Hz). Both headphones can be driven LOUD.

ATHD40 Mfr. List $175.00   **Call For BSW Price**
ATHM40 Mfr. List $175.00   **Call For BSW Price**

BEYER

DT770PRO

Super wide frequency response, excellent isolation and maximum comfort with "Bass reflex" technology for improved bass response. 5 Hz - 35 kHz frequency response. 600Ω nominal impedance.

Mfr. List $159.00   **Call For BSW Price**

BEYER

DT311

These light weight, open-ear style headphones offer reliable construction and fantastic sound. Frequency response is 20 Hz to 20 kHz. Impedance is 40Ω.

Mfr. List $79.00   **Call For BSW Price**

FOSTEX

T20RP

The Fostex T20RP headphones can handle high SPL without distortion. They offer sturdy construction with soft, comfortable fit in a semi-closed format. Removeable cable is easily replaced. Frequency response 50 Hz to 30,000 Hz.

Mfr. List $119.00   **Call For BSW Price**

KOSS

LifeTime Warranty

PRO4AA

The PR04AA has been preferred by professionals for years. It delivers an extended range with outstanding sensitivity. Comfortable ear cushions provide a complete seal. Frequency response 10-22,000 Hz. impedance 230 ohm @ 1 kHz.

Mfr. List $99.99   **Call For BSW Price**

KOSS

LifeTime Warranty

TD60

This lightweight, sealed ear stereophone delivers great sound and is very affordable. Frequency response 18 to 20,000 Hz.

Mfr. List $19.99   **Call For BSW Price**

SENNHEISER

HD414P

Radio's most popular open-ear headphone reissued for a limited time only. Replaceable cable. Frequency response 20 to 25,000 Hz. 600Ω impedance.

Mfr. List $99.95   **Call For BSW Price**

HD25SP

The HD25SP offers a lightweight and comfortable alternative for listeners who spend a great deal of time wearing headphones and need maximum isolation. They are extremely rugged with low impedance, high sensitivity drivers for unparalleled efficiency. All parts are field replaceable. Frequency response 16 Hz to 22 kHz.

Mfr. List $129.00   **Call For BSW Price**

SONY

7506 / 7504 / 7502

The 7506 delivers a surprisingly wide frequency range (5 to 30,000 Hz usable) in a comfortable, sealed ear format providing maximum isolation from external sound. Collapsible for storage.

The 7504 is lightweight and comfortable with a closed ear format. Collapses for easy storage. Frequency response is 50 Hz to 18 kHz.

7502 is an economy headphone with surprising sound. Closed ear format. Frequency response is 60 Hz to 18 kHz.

7506 Mfr. List $159.00   **Call For BSW Price**
7504 Mfr. List $119.00   **Call For BSW Price**
7502 Mfr. List $69.00   **Call For BSW Price**

STANTON

101HB
Cuing Headphone

The Model 101HB is the perfect solution for times when you need to hear cue or program information and still hear what is going on around you. This single-cup headphone features an adjustable soft padded headband and a 12' coiled cord terminated in a 1/4" plug. Impedance is 100 ohms. Frequency response is 20 - 22,000 Hz. Also available in a shoulder rest version.

Mfr. List $82.95   **Call For BSW Price**

BEYER

DT290
Headset

Low profile, light-weight design is very comfortable for long term operation. It also offers excellent isolation from ambient noise. List price shown is for model with dynamic mic element.

Mfr. List $299.00 **Call For BSW Price**

DT190/DT180
Headset

The DT190 combines Beyer's best sounding hypercardioid mic element and studio quality headphone elements in the classic Beyer headset design. DT180 is a single ear version.

DT190 Mfr. List $399.00 **Call For BSW Price**
DT180 Mfr. List $399.00 **Call For BSW Price**

DT109K/DT108K
Headset

An industry standard for remote sports broadcasting, the DT109K offers good sound, comfort and durability. DT108K is a single-ear version of the DT109K.

DT109K Mfr. List $349.00 **Call For BSW Price**
DT108K (Single Ear) Mfr. List $289.00 **Call For BSW Price**

CROWN

CM311HS/CM312HS
Condenser Boom Microphones

Turn the popular Sony 7506 into an excellent sounding broadcast headset with the Crown CM311HS and CM312HS head-worn condenser microphones. CM311HS offers maximum noise rejection and the CM312HS is a hypercardioid mic with good sound cancelling properties. Sony headphones purchased separately.

CM311HS Mfr. List $299.00 **Call For BSW Price**
CM312HS Mfr. List $279.00 **Call For BSW Price**

SHURE

SM2
Headset

The Shure SM2 provides maximum comfort, durability and high quality sound reproduction. Headphone frequency response, 100 Hz to 8,000 Hz; mic response 50 Hz to 15,000 Hz.

Mfr. List $264.00 **Call For BSW Price**

TELEX

V220
Headset

This unique headset offers audiophile quality and flexible configurations using modular cord sets and microphones. Construction is super-rugged and comfortable. The ear phone section is studio quality and features a unique adjustment for more or less isolation.

Since this set is modular, be sure to order the headphone, mic, and cable set you require.

V220	Double Sided Headphone W/Boom	**Mfr. List $165.00**
MB11	Supercardioid Dynamic Mic Element	**Mfr. List $49.00**
MB12	Supercardioid Electret Mic Element	**Mfr. List $49.00**
CA10	Cable (XLR And 1/4" For Electret)	**Mfr. List $150.00**
CA11	Cable (XLR And 1/4" For Dynamic)	**Mfr. List $110.00**

Call For BSW Prices

BENCHMARK
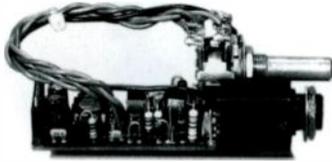
HPA1
Headphone Amplifier

The HPA1 can be used anywhere - in consoles, at the patch bay, on interview tables, etc. Designed for headphones with impedances from 60 to 600 ohms. This kit requires power supply and installation.

BSW Price $70.00

FOSTEX

PH-5
Headphone Distribution Amp

The PH-5 offers five separate amplifiers for individual level control of 5 headphones. Two signal paths allow channel A to feed all 5 outputs or A to feed 3 phones and B to feed 2 phones. Both A and B channels have mono L, R and stereo inputs.

Mfr. List $199.00   **Call For BSW Price**

OZ AUDIO

HM6 Q-MIX
Headphone Matrix Amp

This unique headphone matrix amplifier can create 6 independent headphone mixes at once. Each output channel can be fed any mix of the main stereo input and the 4 auxiliary inputs. Q-Mix features balanced inputs and a very sturdy metal chassis. Great for complicated remotes or busy control rooms.

Mfr. List $299.00   **Call For BSW Price**

RANE

HC6
Headphone Amplifier

Main stereo inputs drive six stereo headphone amplifiers through individual volume controls. Each headphone amp also has its own separate input which independently bypasses the main stereo input.

Mfr. List $459.00   **Call For BSW Price**

ROLLS

RA62HA
Headphone Amplifier

This inexpensive headphone amp offers 6 stereo channels with independent output controls on each channel. The stereo input includes a pan control and a mono switch to mix two mono sources. Insert jacks are provided for each channel so each can be used independent of the others.

Mfr. List $228.00   **Call For BSW Price**

HA43
Compact Headphone Amplifier

This compact stereo 4-channel headphone amp is perfect for any application where space is limited. Mini slide faders adjust individual volumes. AC adaptor included.

Mfr. List $100.00   **Call For BSW Price**

SYMETRIX

SX204
Headphone Amplifier

The SX204 is a 1-in 4-out amplifier utilizing proprietary high voltage converter technology to drive high impedance headphones, while providing more than ample power for low impedance phones. Individual volume control for each channel.

Mfr. List $319.00   **Call For BSW Price**

WHIRLWIND

HBB
Headphone Breakout Box

The HBB splits any amplified headphone signal to feed up to six headphones. Isolation resistors keep signal constant regardless of how may headphones are plugged in. Features heavy duty chassis with locking 1/4" jacks.

BSW Price $71.25

APHEX

124A
Interface Amplifier

Easily interface consumer audio equipment to professional studio and broadcast facilities with superior audio specifications. Active, servo-balanced circuitry converts +4 dBm (or +8 dBm) line levels to -10 dBm (hi-fi) levels, and back again. XLR and RCA type connectors enable quick hook-up.

Mfr. List $229.00   **Call For BSW Price**

ATI

INTERFACE AMPLIFIERS

DP100, a uni-directional stereo interface, converts the unbalanced IHF outputs of CD players to transformer balanced and isolated 600 ohm line levels with no compromise or degradation of the source audio.

MM100 offers the same high quality level matching capability as disc-patcher in a bi-directional format for record and playback applications.

Nanoamp Series interface amplifiers offer a high quality, ultra compact solution for interfacing unbalanced IHF equipment to balanced PRO equipment, These 1/3 rack width units come in three versions to match any application. The BI100 is a stereo, bi-directional unit, BU400 is a four channel unit - all balanced to unbalanced and the UB400 is a four channel unit converting 4 unbalanced inputs to balanced. All IHF connectors are RCA, balanced connectors are XLR. Separate power supply (WA100-1) required. Battery option available.

DP100	**Mfr. List $279.00**
MM100	**Mfr. List $299.00**
BI100	**Mfr. List $225.00**
BU400	**Mfr. List $210.00**
UB400	**Mfr. List $230.00**
WA100-1	**Mfr. List $13.00**

Call For BSW Prices

DBX

1024
Buffer Amplifier

The dbx 1024 provides an easy means of connecting equipment with unbalanced -10 dBv inputs/outputs to equipment with balanced +4 inputs/outputs. This stereo, bi-directional unit features a special buffer mode that allows the XLR inputs to be patched directly to the XLR outputs for added convenience.

Mfr. List $239.00   **Call For BSW Price**

EBTECH

LLS/LLS8
Line Level Shifter

The LLS 2-channel and LLS8 8-channel rack mount units both convert back and forth between -10dBV and +4dBu, eliminate ground loop hum and convert between balanced and unbalanced signals at either end.

LLS Mfr. List $84.95   **Call For BSW Price**
LLS8 Mfr. List $339.95   **Call For BSW Price**

HENRY ENGINEERING

MATCHBOXII
Interface Amplifier

This is the ideal, inexpensive way to correctly interconnect consumer equipment with professional studio gear. The Matchbox is a bi-directional unit with four independent amplifiers providing full stereo input and output interface. Features adjustable output levels and RF shielding.

Mfr. List $195.00   **Call For BSW Price**

TWINMATCH
Interface Amplifier

Like the Matchbox, but provides two stereo channels, one direction, for playback of two consumer level units such as consumer CD players.

Mfr. List $195.00   **Call For BSW Price**

RUSS FRIEND & ASSOC.

CD100X
Interface Amplifier

Very inexpensive conversion of a -10 dBv source to +4 dBu. RCA inputs and barrier strip outputs. Front panel, recessed trim pots. Perfect for consumer CD to pro equipment interface.

Mfr. List $99.00   **Call For BSW Price**

RDL

STICK-ON SERIES
Interface Devices

Radio Design Labs' Stick-Ons™ are compact, high-quality audio interface devices that can be directly and discretely mounted on equipment, under counter tops, or combined in rack mount systems. 24 volt power is required for all active units and must be ordered separately.

ACTIVE STICK-ONS

Model	Description	Mfr. List
STA1	Electronic Transformer, Dual Channel	$122.95
STA1M	Audio Line Amp (mono)	$90.00
STAMC3	Active Mic Combiner	$102.00
STPA2	2 Watt Utility Power Amplifier	$58.00
STPA6	6 Watt Audio Power Amplifier	$79.00
STACR1/ACR2	Audio Controlled Silence Sense Relays	$81.00
STDA3	Distribution Amplifier, Mono	$113.00
STCL1	Mono/Stereo Compressor/Limiter	$125.95
STCX1S	Subwoofer Crossover	$102.00
STEQ3	3 Band Equalizer	$80.00
STGCA1	Gain Control Amplifiers	$107.00
STGCA2	Fast Gain Control Amplifiers	$107.00
RLC1	Remote Level Control	$54.00
STLCR1	Logic Controlled Relay (momentary pulse)	$63.00
STLCR2	Logic Controlled Relay (alternate action)	$93.00
STM1	Microphone Preamp, Fixed gain	$86.00
STM2	Microphone Preamp, Variable gain	$119.00
STM3	Microphone Preamp, High gain	$136.00
STMDA3	Mic-Level Distribution Amplifier	$113.00
STMPA2	Mic Phantom Adaptor	$75.00
STMX3	Line Level Mixer	$103.00
STMLX3	Mic/Line Level Mixer	$108.00
STMMX3	Mic Level Mixer	$108.00
STMXL3	Line To Mic Mixer	$108.00
STOSC2A	1 kHz/10 kHz Oscillator	$74.95
STOSC2B	100 Hz/400 Hz Oscillator	$81.95
STPH1	Stereo Phono Preamplifier	$104.95
STRG1	Ramp Generator	$93.00
STSH1	Stereo Headphone Amplifier	$103.00
STSSR1	Solid State Audio Relay	$88.00
STSX4	4 Input Audio Switcher	$86.00
STVCA1	Voltage Controlled Amplifier	$102.00
STVOX1	Audio VOX Relay	$86.00
STVP1	Voice-Over/Page Module	$113.00
PS24A	24 volt Power Supply For All Active Units*	$15.00

Power Supplies Must be ordered separately

PASSIVE STICK-ONS

STD150, 600, or STD10K Divider/Combiner Network, Four Channel (150, 600, or 10k ohms) **$44.00 ea.**

STP1 Variable Attenuator, Two Channel **$50.00 ea.**

Call For Complete Information, Mounting Options And BSW Discounted Prices

BROADCAST TOOLS
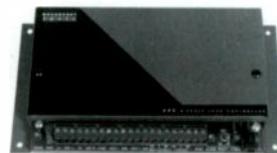
AFC
Audio Fade Controller

Add professional audio quality fade control to any audio source with the AFC. It offers two ranges of fade speed, on/off and preset dimming (-6 dB) via TTL/CMOS compatible control inputs. The AFC is also equipped with an 8 node addressable RS-232 serial port allowing full control of level and fade rate. It provides balanced stereo outputs and will accept any balanced stereo input with levels from -15 to +10 dBv.

Mfr. List Price $199.00   **Call For BSW Price**

UI4
Universal Interface

The UI-4 universal interface is an inexpensive interface that facilitates remote control interfacing of transmitters, studio, and remote equipment that is not normally remoteable. The 3" x 5" interface creates an SPDT relay and open collector output from an optically isolated 5 to 25 volt AC or DC input. Four channels of control are included which operate independently, or may be paired for latched and multiple relay contact operation. Input and output connections are via screw type terminals. The UI-4 is supplied with a plastic channel for easy mounting, that may be attached with screws, double back tape or velcro. A self contained power supply operates from 12 to 48 volts AC or DC. Optional external wall transformer available.

Mfr. List $130.00   **Call For BSW Price**

HENRY ENGINEERING

SUPERELAY
Utility Control Interface

Ideal for controlling various equipment functions that are activated by an independent source.

Superelay can be controlled by any switch, relay (momentary or maintained), or CMOS/TTL logic circuit. It provides six double-throw relay outputs for low-voltage and audio switching and an AC output switched with a solid-state synchronous relay. Includes internal flasher unit and 24v DC power supply.

Mfr. List $250.00   **Call For BSW Price**

360 SYSTEMS

AM16B
Audio Routing Switcher

The basic switcher is a mono 16x16 matrix, but may also be configured as an 8x8 stereo unit, or as a 16x1 mono or 8x1 stereo selector. All inputs and outputs are electronically balanced. Several slave units may operate in parallel to provide more than sixteen simultaneous inputs for 16x16 stereo or multi-channel operation. All active power supply elements are fully redundant, so an AM16 B can keep working even if all regulated supplies experience a failure. 100 memory presets are standard.

Mfr. List $1,495.00   **Call For BSW Price**

AUTOGRAM

CYA-3
Prioritized Audio Switcher

Autogram's CYA-3 is a three input stereo audio switcher, with a prioritized signal path and safety lock button that make it a perfect emergency audio switcher for your main on-air signal. Other applications include production/newsroom switching, console input expansion and remote audio switching for STLs etc. with its remote control port. Additional features include balanced bridging inputs, a mono-mix output, surge protection/RFI filtering and 110 or 220 volt operation.

Mfr. List $695.00   **Call For BSW Price**

BROADCAST TOOLS

RACK-O-SWITCHES/BOX-O-SWITCHES
Utility Switch Panels

Rack-O-Switches (R.O.S.) and Box-O-Switches (B.O.S.) allow remote switching of any kind of equipment needing a normally open dry contact closure. Each of the 12 switches contains a bright red LED displaying the active status of the associated equipment connected to the R.O.S or B.O.S. All connections on the B.O.S. and R.O.S are made with dual DB-25 connectors.

ROS Mfr. List $199.00   **Call For BSW Price**
BOS Mfr. List $199.00   **Call For BSW Price**

BROADCAST TOOLS

8X2A/3X2
Active Dual Stereo Audio Switchers

The 8X2A and 3X2 Dual Stereo Audio Switchers can switch their stereo inputs (3 or 8) to two stereo outputs via front panel switches with LED indicators. The inputs will accept either balanced or unbalanced sources and may be programmed to either overlap, mix, or interlock any source. Additional features on the 8X2A include up to 10 dB of dimming on each input; EEprom programming for power-up input select, mute input, step input, front panel switch disable, monaural outputs, summing inputs & unbalanced outputs for multiple unit cascading and output selectable silence sensor. Both units feature RS-232 serial ports for remote control and status.

8X2A Mfr. List $629.00   **Call For BSW Price**
3X2 Mfr. List $629.00   **Call For BSW Price**

6X1B
Passive Stereo Routing Switcher

The 6X1B is a six input stereo switcher/router which can select up to six stereo balanced inputs to one stereo output. It provides passive switching through sealed gold contact relays. Front panel switches with LEDs provide interlocked source selection and status. Full remote control and status is available via rear-panel 15 pin D connector. The 6X1B provides loss of power bypass on input one with programmed source selection at power-up. Additional features include audio mute; source switch safety lock; step input; programmable non-selected input termination and wire captive terminal strips. Housed in a half rack width chassis, the 6X1B may mount on a desktop or be rack mounted with the RM-1 optional rack shelf and FP-1 filler panel.

Mfr. List $329.00   **Call For BSW Price**

SMI5B
Studio Monitor Intercom

The Broadcast Tools SMI5B provides an efficient, affordable, full duplex communication system between up to 5 studios. Talk with one studio at a time or on an "all call" basis. Each unit has host and guest headphone jacks with bass and treble EQ. The SMI automatically dims studio monitors during talkback. Other features include full remote control with tally; separate R/L feeds to host headphones; interconnection via standard 25 pair phone cable; mono/phase check button; front panel talkback mic with adjustable AGC; aux input for talkback with level control (for remote feeds etc.).

Mfr. List $629.00   **Call For BSW Price**

BURK TECHNOLOGY

LX1
Stereo Selector

This 1x6 stereo source selector features "soft" switching (no pops or clicks), mix mode for overlapping sources, control from front panel, studio, or remote control, start automation or tape with machine-follow outputs, matches IHF or PRO inputs and offers great audio specs.

Mfr. List $1,295.00   **Call For BSW Price**

CONEX

UM33
Cue And Monitor Amplifier/Switcher

The UM33 is a stereo, eight channel in, one channel out, general purpose cue, monitor and line amplifier. Features include 2 built-in cue speakers with amplifiers, stereo LED VU meters, front panel headphone jack and monitor switch, built-in 3 frequency oscillator.

Mfr. List $641.00   **Call For BSW Price**

AS101
Audio Routing Switcher

Allows any one of 10 stereo sources to be switched to the stereo output channel. Switching is accomplished by pressing one of the illuminated buttons on the front panel, or via the remote control connector on the rear panel. Several remote control devices may be connected in parallel, and all will indicate the selected channel.

AS101	**Mfr. List $962.00**
AS401 Remote Control	**Mfr. List $161.00**

Call For BSW Prices

HENRY ENGINEERING

STEREO SWITCH
Stereo Switcher

StereoSwitch a cost effective way to remotely select between 3 stereo sources. It utilizes sealed relays with gold-plated contacts, with no circuitry in the audio path, providing totally transparent source selection. It can be controlled with any momentary or maintained contact closure, open collector, TTL/CMOS logic, or DC voltage from 5-24 volts. User can select which of the three inputs is automatically selected on power-up. Tally outputs are also provided to drive remote status indicators.

Mfr List $250.00   **Call For BSW Price**

FAST TRAC II
Audio Workstation Interface

The Fast Trac II is a comprehensive audio production system that functions as a stereo switcher, audio mixer, utility dubbing center, voice over recording system, compact production facility, or as the control head of a digital editing workstation. Features include 6 stereo line inputs with balance control, one mic input, 4 output modes (stereo, L-only, R-only, or L+R), automatic ducking function, 2 processor loops, headphone out and timed auto-start machine control for perfectly cued dubs with one-button ease.

Mfr. List $1,595.00   **Call For BSW Price**

PACIFIC RECORDERS
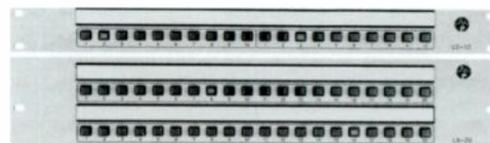
LS10/LS20
Stereo Audio Switchers

These high quality stereo audio switchers provide passive operation using gold-plated contact interlocked switches with self indicating buttons. LS-10 features two 10-button banks with 10 stereo inputs that can be switched to two stereo outputs. LS-20 provides two 20-station switch assemblies allowing the 20 inputs to be switched to two stereo outputs.

LS-10 Mfr. List $671.00	**Call For BSW Price**
LS-20 Mfr. List $1,053.00	**Call For BSW Price**

RDL

STSX4
Audio Switcher

The ultra-compact ST-SX4 accepts up to 4 unbalanced audio sources to feed a single unbalanced output. Two units can be slaved together for stereo operation. Source selection is achieved through a single input terminal by applying a specified resistance between the control input and ground. Any of the 4 inputs can be selected or all sources may be switched off.

Mfr. List $95.00　　　　　　**Call For BSW Price**

ZERCOM

PS2 PATCH SWITCH
Audio Switcher

From simple to elaborate, the Zercom PS2 Patch Switch allows you to configure convenient patch systems to handle all your control room routing needs. Multiple units can be bussed together providing front panel access to an unlimited number of input sources. Additional features include Stereo or Mono selection, phase reversal, signal summing and a PC board that's set up for easy installation of audio pads. Switches are rated for over 1 million operations and Patch Switch carries a two year warranty.

Mfr. List $379.00　　　　　　**Call For BSW Price**

Z-SYSTEMS

Z8.8
Digital Audio Switcher

Z-Systems offers you a way to route your digital audio without leaving the digital domain. The Z-8.8 is an 8x8 crosspoint switcher/ DA for AES/EBU digital audio. Each of the 8 outputs has a switch which maps a selected input to that output, allowing for arbitrary input-to-output mappings. Both input side and output side are available with either 110Ω transformer-isolated XLR connectors, 75Ω BNC connectors, or TOSLINK optical connectors. Input and output configurations can be mixed. Active switching with high current drive provides for long-distance transmission. Non-volatile memory hold switch settings between power-downs.

Mfr. List $950.00　　　　　　**Call For BSW Price**

ADC

PRO PATCH MARK II
Patchbays

Pro Patch Mark II patchbays feature 48 TRS Longframe jack points and are available in 1 and 2 rack-height versions. The fully enclosed Pro Patch chassis protects all the internal patchbay wiring. Front panel and rear panels remove easily for service without removing the unit from the rack. Pro Patch features ADC's Ultra Patch termination panels with QCP connectors that provide a "gas tight" connection that will not deteriorate over time.

Call BSW For Price And Configuration
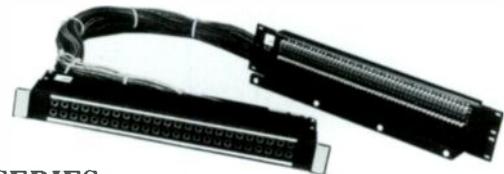
BJF SERIES
Patchbays

The best features of the Pro Patch Series are incorporated into the BJF Series of patchbays. Front and back panels are separated with a cable harness in between. Standard cable harness length is 4' but any custom length can be ordered.

Call BSW For Price And Configuration

P-KIT SERIES
Patch Kits

These money saving kits have many of the features of the pre-assembled patch bays, but in a package designed specifically for the do-it-yourselfer. Simply add your own cable and termination panel.

P-KIT1 Mfr. List $207.00　　　　**Call For BSW Price**
1.75" Panels With 2x24 Array Of Long Frame (1/4") Jacks

P-KITB Mfr. List $277.00　　　　**Call For BSW Price**
1.75" Panels With 2x48 Array Of Bantam Jacks

PJ390
Jack Panel

Here's a panel with two rows of 26 longframe jacks for your own custom wiring applications

Mfr. List $188.00　　　　　　**Call For BSW Price**

ADC

Long Frame 1/4"   Bantam

PRO PATCH CORDS

Engineered for broadcasters where flawless performance is critical. ADC Pro Patch Cords are highly flexible, drape neatly, and won't kink. The plug is molded directly onto the patchcord offering outstanding strain relief. Plugs are nickel plated offering corrosion protection and quiet contact with your jacks. BSW offers four different colors for easy identification.

LONG FRAME PATCH CORDS

Single Plug	1'	2'	3'
Red	R1	R2	R3
Green	G1	G2	G3
Blue	B1	B2	B3
Black	BK1	BK2	BK3
List Price	$25.00 ea.	$26.00 ea.	$27.00 ea.

BANTAM PATCH CORDS

Single Plug	1'	2'	3'
Red	R1B	R2B	R3B
Green	G1B	G2B	G3B
Blue	B1B	B2B	B3B
Black	BK1B	BK2B	BK3B
List Price	$22.00 ea.	$23.00 ea.	$24.00 ea.

Call For BSW Prices and the Complete Selection of ADC Patchcords

DBX

PB48
Patchbay

Here's a flexible patchbay with 48 1/4" TRS connections (front and back panels) in a single rack space chassis. The PB48 utilizes high-quality TRS jacks with pure nickel-silver self-cleaning contacts for longer life and lower noise. Unique modular design allows easy configuration of each patch pair for normalled or non-normalled operation.

Mfr. List $179.00   **Call For BSW Price**

FURMAN

PB40 SERIES
Patch Bays

These sturdy, heavy gauge steel patch bays feature 40 patch points with either mono 1/4", 1/4" TRS or RCA jacks. The PB Series features modular construction that makes it easy to the jack types mentioned above as well as configure normaling for your application. Units are shipped from the factory as half-normaled.

PB-40P 1/4" mono	Mfr. List $165.00
PB-40RR RCA	Mfr. List $155.00
PB-40T 1/4" TRS	Mfr. List $165.00

Call For BSW Price

GENTNER

VERSAPATCH / PRE-WIRED SERIES
Patch Systems

Hand-wired to your specifications, using the highest quality components. A large variety of bay fronts and terminations are readily available for almost any configuration. Chassis-enclosed audio patch panels with the terminations mounted on the rear panel. Eliminates guesswork on bundle length and provides protection against RFI and dust. Offset jack spacing for stereo patching.

Call For Pricing And Configurations

RAXXESS

CBLD
Patch Cable Organizer

A great way to store cables out of site and protect them from kinks etc. 14 slots hold approximately 40 cables. 1/4" cables maximum.

BSW Price $15.50

AKG

C414BULS
Condenser Mic

The low inherent self-noise and high overload point guarantee a dynamic range in order of 126 dB. Four different polar patterns selectable on mic. All metal housing in black chrome finish. Includes stand adaptor and windscreen.

Mfr. List $1,199.00   Call For BSW Price

AKG

C3000
Condenser Mic

Large diaphragm and micro transducer technology in one. Includes switchable cardioid and hypercardioid patterns, bass roll off and 10 dB pad. Internal elastic spider suspension and integrated windscreen.

Mfr. List $699.00   Call For BSW Price

AUDIO TECHNICA

ATM25
Dynamic Cardioid Mic

Small hypercardioid mic with the performance of larger, more expensive studio mics. Voice tailored response with minimal off-axis coloration.

Mfr. List $278.00   Call For BSW Price

AUDIO TECHNICA

AT4050CM
Studio Condenser Mic

The AT4050CM large-diaphragm condenser mic offers superior performance in cardioid, omnidirectional and figure-eight polar pattern settings. Spider shock mount and protective case included.

Mfr. List $995.00   Call For BSW Price

AUDIO TECHNICA

AT4033/SM
Studio Condenser Mic

The AT4033/SM provides the dynamic range and sensitivity of high end studio mics at a surprisingly affordable price. Features: switchable hi-pass filter, internal windscreen, and spider shockmount.

Mfr. List $725.00   Call For BSW Price

AUDIX

OM5
Hypercardioid Dynamic Mic

This hypercardiod mic is designed for voice offering high output with natural, undistorted sound and a tight polar pattern to help avoid feedback and reject unwanted noise.

Mfr. List $329.00   Call For BSW Price

BEYER

MC834

Large diaphragm cardioid condenser mic with wide range, flat frequency response, exceptional signal to noise, high SPL capability, 10 & 20dB pads, transformerless output and 3 position low frequency roll-off.

Mfr. List $999.00   Call For BSW Price

BEYER

MCE 50.15

Extended frequency response, omni-directional, extremely small unobtrusive design. Phantom power preampilfier with XLR connector.

Mfr. List $299.00   Call For BSW Price

BEYER

M58
Omnidirectional Moving Coil Mic

Specifically designed to satisfy ENG and EFP applications. Its internal shockmount dramatically reduces handling noise. Accurate voice reproduction information with a very high degree of intelligibility. Frequency response 40 Hz to 20,000 Hz. Includes WS58 windscreen and zippered case.

Mfr. List $259.00   Call For BSW Price

EV®

635N/D RE50N/D

The New Power Tools

It's not surprising that the 635A and RE50 microphones have been industry standards for over 20 years—after all, there hasn't been a microphone yet that could surpass them for performance and durability. *Until Now.*

Introducing the new 635N/D and RE50N/D microphones—legends infused with the power of N/DYM®.

The 635N/D (635N/D-B in black), featuring a newly-designed steel case, is even tougher than its predecessor. The 635N/D's ultrahigh-output neodymium iron boron (N/DYM®) magnet structure offers an outstanding signal-to-noise ratio. An Acoustalloy® diaphragm ensures smooth response regardless of atmospheric conditions, while an integral windscreen/blast filter guards against wind noise, P-popping, and excessive sibilance.

The RE50N/D's (RE50N/D-B) N/DYM® magnet structure provides the increased sensitivity required for demanding ENG/EFP applications. It features EV's DynaDamp™ shock-mount system, a unique mic-within-a-mic concept that offers a degree of shock isolation unprecedented in omnidirectional dynamic mics.

The 635N/D and RE50N/D—these new "power tools" can tame the most savage field conditions.

ELECTRO-VOICE

RE27N/D
Dynamic Cardioid Mic

A neodymium alloy magnet makes this mic a dynamic that rivals expensive studio condensers in sensitivity, output and clarity. The RE27N/D exhibits very consistent response no matter the distance from the mic with excellent off-axis rejection.

Mfr. List $707.00   Call For BSW Price
Options: Windscreen WS1, Shock Mount 309A

ELECTRO-VOICE

RE20
Dynamic Cardioid Mic

One of the most popular microphones used in broadcasting. The RE20 has a warm sound which will please the most discriminating announcers. Frequency response 45 Hz to 18,000 Hz. Output, -57 dB.

Mfr. List $622.00   Call For BSW Price
Options: Windscreen WS1, Shock Mount 309A

ELECTRO-VOICE

RE2000
Studio Condenser Mic

This "top-of-the-line" condenser offers extremely high sensitivity, low self-noise and wide dynamic range. It's unique heated head keeps output consistent, despite environmental variations. Includes power supply, shockmount and windscreen.

Mfr. List $2,042.00   Call For BSW Price

635A/635L
Omnidirectional Dynamic Mic

The most popular microphone in the world for broadcasters on the go. Now available in an extended length version perfect for interview situations.

635A	**Mfr.List $149.00**
635L Long Handle	**Mfr.List $198.00**

Call For BSW Price

635A/635L
Omnidirectional Dynamic Mic

The famous 635A is now available as the 635N/D with EV's neodymium magnet for increased sensitivity. Available in beige or black.

635N/D   Mfr. List $165.00

Call For BSW Price

RE50/RE50N/D
Omnidirectional Dynamic Mics

Standard (RE50) or neodymium models (RE50N/D) feature the same characteristics as the 635A, plus built-in shockmount and blast filter for low handling and wind noise. In beige or black.

RE50	**Mfr. List $240.00**
RE50N/D	**Mfr. List $282.00**

Call For BSW Price

RE45N/D
Shotgun Cardioid Mic

Specifically designed for handheld use. The exclusive N/DYM™ dynamic element has the output level of a condenser microphone without need for battery or phantom power. Frequency response 50 to 15,000 Hz (close), 150 to 15,000 Hz (far). Output -50 dB. Includes: clip, case, windscreen, and shock handle.

Mfr. List $535.00   Call For BSW Price

RE15/RE16
Super Cardioid Dynamic Mics

These time tested mics feature wide, flat response and uniform super-cardioid pattern with minimal off-axis coloration.

RE15	**Mfr. List $417.00**
RE16 (RE15 With Blast Filter)	**Mfr. List $440.00**

Call For BSW Price
Options: Windscreens 314, 379 Shock Mount 313A, 307

ND157B/ND357B
N/DYM Dynamic Cardioid Mic

The Electro-Voice ND357B is priced like other dynamics but features extended frequency response and higher output levels. The ND157B offers ND performance at an even lower price.

ND357B	**Mfr. List $244.00**
ND157B	**Mfr. List $140.00**

Call For BSW Price

NEUMANN

U87AI
Multi-pattern Condenser Mic

Famous the world over, the U87's smooth characteristics make it a superb vocal mic. Patterns include: omni, cardioid and figure-8. Frequency response is 40 Hz to 16 kHz.

Mfr. List $2,725.00   Call For BSW Price
Options: Windscreen WS87, Shock Mount (option "Z')

NEUMANN

TLM170R
Multi-pattern Condenser Mic

Capable of handling sound pressure levels up to 140 dB with minimal distortion, with a dynamic range of 126 dB. Choose from: Omni, wide cardioid, cardioid, hypercardioid and figure-8. Equipped with a tiltable, elastically suspended mounting bracket.

Mfr. List $2,725.00   Call For BSW Price
Options: Windscreen WS89

NEUMANN

TLM193
Multi-pattern Condenser Mic

Large diaphragm, double membrane cardioid condenser with ultra-low self noise, high SPL capability, 130 dB dynamic range, 20 Hz - 20 kHz response and that distinctive Neumann sound.

Mfr. List $1,495.00   Call For BSW Price
Options: Windscreen WS89, Shock Mount EA193

SENNHEISER

MD421U
Dynamic Cardioid Mic

One of Sennheiser's most versatile and popular dynamic microphones. For on-air or production use, the MD421U is the natural choice for many stations. Frequency response 30 to 17,000 Hz. Pictured with optional shock mount.

Mfr. List $485.00   Call For BSW Price
Options: Windscreen WS1, Shockmount TM3/311

SENNHEISER

ME66/K6
Short Shotgun Mic

Replaces the famous ME80 and offers extremely high sensitivity and very low self-noise. Utilizes K6 power module (single AA battery or phantom power). Frequency range 40-20,000 Hz.

ME66	**Mfr. List $279.00**
K6	**Mfr. List $285.00**

Call For BSW Price

SENNHEISER
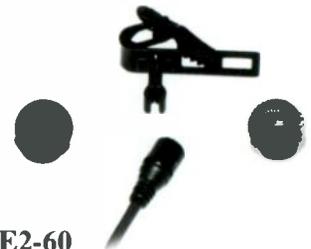
MKE2-60
Subminiature Omni Mic

Open, natural sound plus extremely small size. Used by major TV networks. Utilizes K6 power module for battery or phantom power operation.

MKE2-60	**Mfr. List $295.00**
K6	**Mfr. List $255.00**

Call For BSW Price

SONY

ECM55B
Omni-directional Lavalier Mic

One of the most popular lavalier microphones we sell. It can be powered by AA batteries or external power supply. Comes with mesh windscreen and holder clips.

Mfr. List $405.00   Call For BSW Price

RD SYSTEMS

P650
Parabolic Mic

One of the most directional microphones ever produced. Picks up voices, nature sounds, practically anything - to professional standards from long distances. Includes handle, aiming sights, monitor earphone and carrying case.

Mfr. List $549.00   Call For BSW Price

CROWN

PZM
Pressure Zone Mic

Crown's PZM Sound Grabber features PZM microphone technology in an inexpensive package. One Sound Grabber in the middle of the table can replace eight conventional microphones for conference recording. Comes with mini and 1/4" plug for direct recorder connection. Perfect for news departments.

Mfr. List $99.00   Call For BSW Price

SHURE

SM7
Dynamic Cardioid mic

One of the finest studio professional dynamic microphones in use today. It features a wide-range, very smooth frequency response with graphic response tailoring switches to permit the choice of four different microphone response curves. Frequency response 40 to 16,000 Hz. Output, -57 dB. Contains integral shock mounting.

Mfr. List $566.50   Call For BSW Price

BETA58MR
Supercardioid Dynamic Mic

This supercardioid dynamic features the warmth of the original SM58 with an even smoother presence rise and extended top end. Superior shock isolation and tight polar pattern help eliminate unwanted handling and background noise.

Mfr. List $266.00   Call For BSW Price

VP88
Stereo Condenser Mic

Select from three stereo modes or direct mid and side output. VP88 offers a wide, natural, uncolored response for stereo imaging, yet is perfectly mono compatible. Battery or phantom powered and includes windscreen, clip, case, and Y-cable.

Mfr. List $995.00   Call For BSW Price

SHURE

SM58/SM57
Dynamic Cardioid Mics

Ideal for studio and remote, unmatched in performance, ruggedness and reliability. The SM58 features a distinctive vocal presence peak and integral windscreen and the SM57 provides wide range reproduction of music and voice.

SM58LC (Less cord)   **Mfr. List $188.75**
SM57LC (Less cord)   **Mfr. List $147.00**
Call For BSW Prices
Optional Windscreens: (SM58) A58WS, (SM57) A2WSA

BETA87
Supercardioid Condenser

The rich smooth sound of a studio condenser with amazing gain-before-feedback characteristics is what you get with the Beta 87. Sleek body design is perfect for hand-held use.

Mfr. List $434.00   Call For BSW Price

SM89
Shotgun Condenser Mic

The SM89's highly directional polar pattern and fine-tuned frequency response will pick up desired sounds while rejecting off axis ambient noise. Frequency response 60 Hz to 20,000 Hz. Output, -52 dB. Windscreen and carrying case included.

Mfr. List $927.00   Call For BSW Price
Options: Shock mount A89SM

SHURE

SM87LC
Cardioid Condenser Mic

An innovative new cartridge element features a highly directional supercardioid polar pattern for a surprising amount of gain before feedback. Shock isolated capsule and built in multistage blast filter. Low susceptibility to RF interference.

Mfr. List $292.00   Call For BSW Price

VP64
Omnidirectional Dynamic Mic

A rugged, dynamic handheld mic with very low handling noise and an omnidirectional pick-up pattern that doesn't suffer from proximity effect. Neodymium magnet provides increased output and improved clarity.

Mfr. List $135.00   Call For BSW Price

SM90A/SM91A
Surface Mount Condenser Mics

Professional, studio-quality, "boundary effect," surface microphones. Ideal for TV settings, news conferences, dramatic productions, choirs or wherever an inconspicuous microphone is desired. The SM91A is unidirectional and the SM90A is omnidirectional.

SM90A or SM91A   Mfr. List $310.00
Call For BSW Price

AUDIO TECHNICA

Wireless Mic Systems

Audio Technica provides a range of wireless mic systems for every application. From the very affordable 300 series shown above to full-blown diversity systems. With years of experience in wireless microphone manufacturing, Audio Technica employs cutting-edge design and components to offer reliable, affordable systems that sound great.

System Prices Start At $289.95 Mfr. List
Call For Complete Specifications And Prices

BEYER

S250/S150
Wireless Mic Systems

Beyer offers high quality systems at a very reasonable price. S250 is a diversity system with multi-pole front end for exceptional RF reception and signal to noise specs. S150 is the non-diversity system. Both systems offer a handheld version with a hyper-cardioid condenser element and a lavalier version. Additional features: 8-10 hour battery life, RF & audio LEDs, variable squelch control, all metal construction, 12 frequencies available.

Systems From $599.00 Mfr. List
Call For Configurations And BSW Prices

ELECTRO VOICE

R Series
Wireless Mic Systems

The R-Series wireless mic systems are great sounding and affordable, offering EV components in a rugged package. Choose diversity or non-diversity receivers housed in solid metal cases with front-mounted, collapsible antennas. Handheld and lavalier transmitters are available and feature an audio mute to avoid noisy on/off switching.

Systems From $292.00 Mfr. List
Call For Configurations And BSW Prices

SHURE

LX SERIES
Wireless Mic System

Based on the popular L Series, the LX Wireless Microphone Series gives you a new level of reliability and features unsurpassed in its price range. The LX MARCAD® diversity receivers are half-rack width featuring a metal chassis with unbalanced and balanced XLR, mic/line switchable outputs as well as unique 5-segment RF and audio metering. Both handheld and lavalier systems feature popular Shure microphone models that are perfectly matched to the system electronics. Shure's battery fuel gauge, audio mute switching and extended 18-20 hour battery life make them a real pleasure to use.

System Prices Start At $750.00 Mfr. List
Call For Complete Specifications And Prices

SC SERIES
Wireless Mic Systems

The SC Series incorporates new features that set it ahead of the rest. Systems includes 8 user selectable frequencies (4 on travelling systems), single on/off switch in transmitter supported by mute in receiver, and a battery fuel gauge to show how much power is left.

SC24/58 Handheld system	Mfr. List $1,050.00
SC14/83 Lavalier system	Mfr. List $930.00

Call For BSW Price

VOCAL ARTIST/PRESENTER
Wireless Mic Systems

These systems provide Shure quality in the most affordable package. The Vocal Artist is a handheld system, the Presenter is a belt-pack lavalier system. Available in diversity and non-diversity system.

Systems From $360.00 Mfr. List
Call For Configurations And BSW Prices

TELEX

FMR150 SERIES
Wireless Mic System

The FMR-150 system from Telex offers frequency agility in a crystal-controlled system. This system offers tremendous flexibility, rock-solid performance and premium audio quality. Front panel switch on the receiver allows your choice of 3 frequencies. (Screwdriver adjustment on the transmitters). The FMR-150 incorporates the Telex Posi-Phase Auto Diversity for outstanding operating range without dropouts.

System Prices Based On Configuration
From $915.00 Mfr. List Call For BSW Prices

FMR70 SERIES
Wireless Mic System

FMR70 Series wireless is a true diversity system with professional features in a compact, economical package. Special features include: squelch control, extensive LED display, mic gain adjustment, balanced XLR audio output, mic mute switch, and low battery test button.

System Prices Based On Configuration
From $599.00 Mfr. List Call For BSW Prices

PROSTAR SERIES
Wireless Mic System

Telex's most economical wireless system, ProStar is true diversity and is available in handheld and lavalier systems. Features permanently attached telescoping antennas on receiver, volume and squelch controls, popless mic mute and mic gain control. Several handheld and lavalier mic element options available.

System Prices Based On Configuration
From $400.00 Mfr. List Call For BSW Prices

APHEX

107
Thermionic (Tube) Mic Preamp

The two-channel 107 combines the best attributes of both tube and solid state providing unmatched performance. In short this baby is hot and quiet with up to 64 dB of gain available and noise spec of -128 dBu worst case at max gain. Additional features: switchable 20 dB pad, low cut filter, phase reverse switch and phantom power.

Mfr. List $595.00   **Call For BSW Price**

ART

TUBE MP
Tube Microphone Preamplifier

Nothing makes today's mics come alive like the warmth of a tube microphone preamp. The affordable TUBE MP from ART offers low distortion, wide frequency response and dynamic range with switchable phantom power, two ranges of input gain for mic or line levels and a phase reversal switch.

Mfr. List $149.00   **Call For BSW Price**

ATI
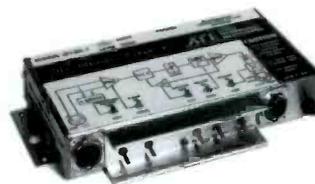
M100 ULTIMIKE
Microphone Preamplifier

This unusually quiet preamp has impressive hum and RF rejection and accepts +20 dBm maximum input. Features switchable and adjustable gain, limiter, lo-cut filter, 48 volt phantom power and a phase reversing switch.

Mfr. List $349.00   **Call For BSW Price**

DBX

760X
Microphone Preamplifier

The 760X provides high quality transformerless inputs and outputs and delivers 60 dB of sonically transparent gain. Additional features: clip indicators, polarity reverse switch, and switchable phantom power. Rack mounting hardware included.

Mfr. List $349.00   **Call For BSW Price**

RDL

STM1/STM2
Microphone Preamps

Ultra compact size makes these units ideal where larger or heavier preamps cannot be used. Both models feature Hi or Lo-Z, RF filtered inputs and balanced Hi or Lo-Z outputs. STM1 has a single fixed level output - STM2 has two variable level outputs. External phantom power can be supplied to mics through a designated supply input on both models.

STM1 Mfr. List $86.00	Call For BSW Price
STM2 Mfr. List $119.00	Call For BSW Price
PS24A Power Supply	BSW Price $14.30

ROLLS

RP220
Dual Tube Mic Preamp

The RP220 Dual Tube Microphone Preamp is an excellent product for those looking for clear sonic quality and the warm sound of tubes at an affordable price. It utilizes 12AX7A tubes in a unique configuration to give smooth controllable gain with true transformer balanced inputs. Inputs and outputs are selectable for mic or line levels and feature both unbalanced 1/4" and balanced XLR connections. Front panel features gain and volume controls and 5 segment output level LEDs.

Mfr. List $500.00   **Call For BSW Price**

SYMETRIX

SX202
Dual Mic Preamp

The SX202 features two ultra clean microphone preamplifiers with variable gain, 15 dB pad, +48 volt phantom powering, left, right, and left + right outputs.

Mfr. List $319.00   **Call For BSW Price**

SHURE

FP11
Mic-to-Line Amplifier

The FP11 is a portable, 1-input, 1-output microphone-to-line level amplifier designed for field production. Balanced, locking XLR input, balanced XLR and binding post output, switchable peak limiter, AUX input, and a removable belt clip. Powered by one standard 9V battery.

Mfr. List $340.00   **Call For BSW Price**

ROLLS

ADB2
Phantom Direct Box

This handy direct box runs on phantom power supplied by your console and uses discrete low noise differential drivers for very quiet operation. It features two 1/4" jacks wired in parallel, a male XLR output, a 3 position attenuation switch and a ground lift switch.

Mfr. List $50.00   **Call For BSW Price**

PB23
Phantom Power

The PB23 provides 12VDC or 48VDC powering for phantom powered microphones. AD/DC adaptor included. Several units can be powered off of one adaptor.

**Mfr. List $50.00**   **Call For BSW Price**

WHIRLWIND

MICPOWER
Phantom Power Supply

For use with most electret condenser microphones this unit supplies +12 to +18VDC under nominal loads at the microphone input. The output is AC coupled. Micpower operates on two 9 volt batteries for approximately 50 hours and includes a battery level LED.

Mfr. List $65.50   **Call For BSW Price**

PROCO
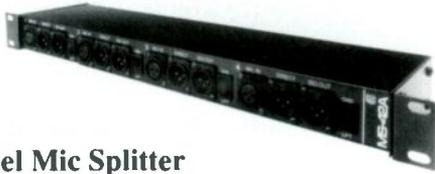
MS42
4 Channel Mic Splitter

For splitting signal from a low-Z microphone to two feeds. 4 channels, each with female XLR inputs, direct and isolated XLR outputs. Isolated output has a ground lift switch.

Mfr. List $333.00   **Call For BSW Price**

MC-2
Microphone Combiner

For combining signals from two low impedance mics to feed one input. Inputs are XLR female, output is XLR male. Polarity reverse switch available on one input. Extends your mixer capability.

Mfr. List $120.00   **Call For BSW Price**

SHURE

A97A/F
Line Matching Transformers

Matches low impedance (150 ohm to 600 ohm) microphone outputs to medium impedance (1k ohm to 10k ohm) inputs. Model A97A is XLR to 1/4" male/female phone connectors. Model A97F is XLR to 1/8" miniplug.

A97A BSW Price $38.50   **A97F BSW Price $47.00**

WHIRLWIND

LITTLE IMP
Mic Transformer

Impedance matching transformer XLR type low in to 1/4" high out. Quality construction.

BSW Price $12.25

SPLITTER/COMBINER
Mic Splitters/Combiners

1 low impedance input into 2 or 3 low impedance, transformer isolated outputs. Provides separate ground lifts. Combiner combines 2 low impedance mic inputs to one out with phase reversal switch.

SPLITTER1X2   Mfr. List $62.75   Call For BSW Price
SPLITTER1X3   Mfr. List $70.25   Call For BSW Price
IMPCOMBINER Mfr. List $72.95   Call For BSW Price

RAXXESS

POMT/STOP6
Studio Pop Filter

Get maximum protection against P-popping without sound coloration. With the STOP6 /POMT screen/gooseneck/clamp combination allows mounting to your studio mic arm.

POMT Mfr. List $42.95   **Call For BSW Price**
STOP6 Mfr. List $19.95   **Call For BSW Price**

WINDTECH

SM58 shown with 300 Series
SM57 shown with 5700 Series
635A shown with 600 Series

MD421U and RE20 shown with WS1

Windscreens

WindTech™ windscreens are high quality, cost effective, come in a large variety of colors and fit most microphone models. These screens are made of an open-cell, hypo-allergenic foam that won't color sound, yet provide maximum protection against wind-noise and P-popping. The nature of their composition makes them long lasting, holding their shape and color even after washing.

Just call BSW, specify the mic you are using, and choose from virtually any color of the rainbow (plus neons and tie-dyes on certain models). Low cost windscreens for shotgun mics also available.

| Series	Description	Inside diameter	BSW Price
WS1	X-Large Cylindrical	2"	$19.95
900	Large Spherical	1 5/8"	$4.95
300	Regular Spherical	1 3/8"	$4.75
600	Small Spherical	1"	$4.25
5700	Squared Cylindrical	1"	$4.25
1200	Large Cylindrical	3/4"	$3.75
1300	Small Cylindrical	5/8"	$3.50
500	Podium	1/2"	$3.25
1100	Lapel	1/4"	$3.25
1500	Round Lavalier	3/8"	$3.25
2300	Mini Round Lavalier	3/16"	$3.00
2100	Tear-Drop	1/4"	$3.00

Please specify color

LUXO

Mic Booms

Luxo mic boom arms are available in 3 basic models to match your application.

LM1 with 41" extended reach for mics weighing up to 1 lb. . Oyster or black color.

A.   **B.**   **C.**   **D.**

LM2 features 26" extended reach for 1 lb. microphones. Grey color.

LM1-3 with 41" extended reach for up to 3 lb. microphones . Oyster or black color.
LM1, 2 or 3 **BSW Price $67.50**
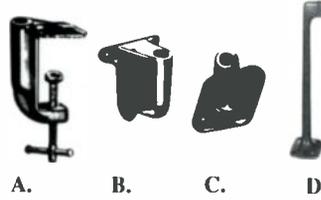
Mounting Brackets For Booms

A. Clamp Mount
B. Wall Mount
C. Desk Mount
A. - B. or C. $10.95 ea.
D. RISER 12" aluminum pedestal.
Colors: grey, oyster, black and silver.
BSW Price $24.95

H.   **I.**   **J.**
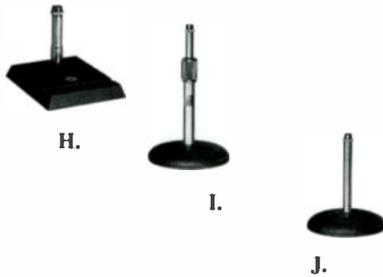
ATLAS

H. DS2 Vibration Isolating Stand
Non-adjustable 3" high chrome tube. Non-reflective 4"x 6" charcoal base.
BSW Price $23.95

I. DS7 Adjustable Desk Stand
Adjustable height 8" to 13". Grip-action clutch. 6" diameter charcoal base. Black or silver.
BSW Price $18.95

J. DS5 General Purpose Stand Non-adjustable 4" high chrome tube. 6" diameter cast iron charcoal base.
BSW Price $13.95

K.   **L.**   **M.**
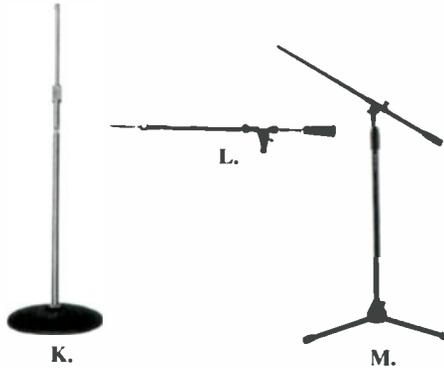
K. MS12C General Purpose Floor Stand
with weighted base. Black or silver.
BSW Price $29.95

L. PB25X Microphone Boom Attaches to any stand with 5/8" threads. Grip action clutch. Expandable from 31" to 50". Black or silver.
BSW Price $49.95

M. TE16BE Microphone Stand W/Boom
Rugged tripod mic stand with boom. Stand height adjustable from 35" to 60". Boom extends to 25 1/2". Black color.
BSW Price $38.95

QUIK LOK

N.   **O.**
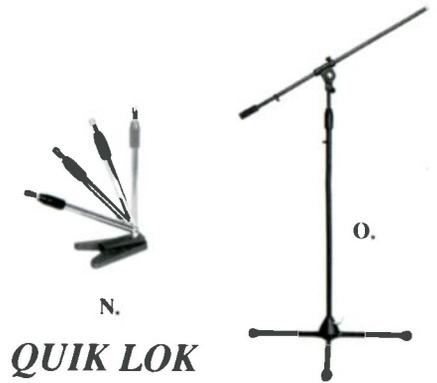
N. A114 Telescopic Desk Stand
Heavy duty, with handy pivot feature. Allows optimum placement of even heavy studio mics. Adjustable from 16.5" to 23.5". Chrome only.
BSW Price $39.95

O. A105 Tripod Floor Stand/Boom
A105 is a lightweight economy stand, available in black and chrome.
High quality collapsible construction, adjustable from 39" to 67" high.
BSW Price $49.95

BSW

IC6
Interview Cable

This 6' adaptor cable allows the use of pro level mics with Marantz portable field recorders. Female XLR to 1/8" mini plug.
BSW Price $14.00

PROCABLE

M10/M25
Microphone Cable

High quality, low loss mic cable featuring XLR connectors. Black cable is flexible without a memory. Quantity discounts available.
M10 (10') BSW Price $9.95
M25 (25') BSW Price $13.95

HOSA

WTI148G

Handy cable ties that secure your coiled cables so you don't end up with piles of tangled cables to untie. Send them with remote crews to organize their cables and help prolong cable life.
WTI148G Package of 5   **BSW Price $3.75**

OTARI

MX5050/MKIV SERIES
2, 4, and 8 Channel Recorders

The Otari MX5050 Series include the MX5050BIII two track and MX5050BQIII 4 track. For overhead meter style machines, there is the MKIV series including the MKIV-2 two track, MKIV-4 four track, and MKIV-8 eight track.

All models features super dependable construction and the most advanced features making them the deck of choice for the professional environment. Call BSW for detailed technical information and pricing.

MX55N/MX55NM
2-Channel Recorder

Loaded with features, the MX55N was designed for fast paced production and mastering applications and offers the ultimate in audio quality in an upright reel to reel machine. Call for detailed specifications.

MX55N	Mfr. List $5,830.00	Call For BSW Price
MX55NM	Mfr. List $7,791.00	Call For BSW Price

(Same As Above With Meterbridge Console)

MX50IIN
2-Channel Recorder

The Otari 2-track for facilities on a limited budget. Two speed DC-servo capstan motor with vari-speed of +7%. Balanced XLR inputs and outputs.

Mfr. List $3,233.00   **Call For BSW Price**

TASCAM

BR20
2-Channel Recorder

The BR20 packs outstanding performance and features into a compact, exceptionally easy-to-use recorder. Standard features include: Balanced +4 dBm inputs and outputs, front panel audio calibration controls, exceptionally smooth operation, switchable 15/7.5 ips tape speed (optional 7.5/3.75 speed available), accurate real-time tape counter with locate points, dump edit, manual edit, stop edit, and quick cue modes, independent L/R reel size selectors, built in rack mounting and optional remote control.

Mfr. List $3,149.00   **Call For BSW Price**

32
2-Channel Recorder

An outstanding value in 2 track reel-to-reel for 2 track mastering and light production work. Look at these features: fast, gentle tape handling with minimal wow and flutter, accurate zero return, 2 speeds (7 1/2 and 15 ips), pitch control (±12%), dump edit function, cue lever and more. Unbalanced inputs and outputs.

Mfr. List $2,399.00   **Call For BSW Price**

TSR8
Multitrack Recorder

This compact 8-track recorder offers the highest sound quality on a 1/2" tape format. Features include: External sync capability, built-in dbx type-1 noise reduction, automatic, gapless punch in/out with rehearsal, real-time tape counter and 3-point auto location, dump edit, manual edit, spot erase and much more. Options include RC408 remote control and RM408 rack kit.

Mfr. List $3,649.00   **Call For BSW Price**

PRORAX
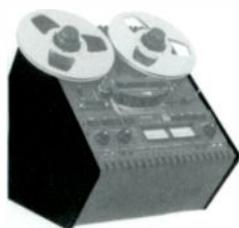
PO100
Custom Side Panels

The PO100 is a set of attractive, rugged and economical panels that convert your Otari MX5050BII or BIII into a table top edit station. It replaces the two side panels of your machine to give it the perfect tilt angle for editing work. Installation is a breeze using existing screws. Black color only.

BSW Price $99.00

QUIK LOK

QL400
Locator Stand

In addition to being a very practical roll-around stand for your reel machine remote/locator, the QL-400 is also a great stand for small audio mixers, multitrack recorders, or workstation control surfaces. It can hold gear from 17 1/4" to 23 3/4" wide and up to 26" deep and allows your equipment to tilt to any desired angle. Stand height adjusts from 32" to 40". 5-wheel castor base can lock to hold position. 5-year warranty.

Mfr. List Price $179.95   **Call For BSW Price**

NIGEL B.

RS
Roll Around Recorder/Equipment Stand

Give your reel recorder maximum mobility and optimum operating angle with the RS from Nigel B. This heavy duty portable rack is ideal for any rackmount equipment such as mixers, processing gear or test equipment. Upper rack can tilt to desired angle and has 13 rack spaces. Rack in the pedestal base has 7 spaces.

Mfr. List $399.95   **Call For BSW Price**

AMPEX

499
Studio Mastering Tape

For applications where the absolute highest analog audio performance is required. Features Ampex's highest output and lowest noise floor.

Model	Description	Price ea.	Price ea.
49917611T 1/4" x 2500'	10 1/2" pancake	(1-9) $14.95	(10+) $13.30
499151111 1/4" x 1200'	7" plastic reel	(1-39) $10.20	(40+) $9.60
499174111 1/4" x 2500'	10 1/2" metal reel	(1-9) $25.80	(10+) $24.20

456
Audio Mastering Tape

When you demand high output, minimal distortion, and consistent audio quality choose 456 Grand Master from Ampex. 456 is tested and inspected over 150 times during the manufacturing process.

Model	Description	Price ea.	Price ea.
45617611T 1/4" x 2500'	10 1/2" pancake	(1-9) $13.30	(10+) $12.50
456151111 1/4" x 1200'	7" plastic reel	(1-39) $9.10	(40+) $8.50
45617311J 1/4" x 2500'	10 1/2" metal reel	(1-9) $24.00	(10+) $22.50

406/407
Audio Mastering Tape

High performance is essential for mastering. The oxides for 406, 407 are specially selected to provide high signal-to-noise ratio, high head room and low distortion.

Model	Description	Price ea.	Price ea.
40617613T 1/4" x 2500'	10 1/2" pancake	(1-9) $10.50	(10+) $9.80
406151131 1/4" x 1200'	7" plastic reel	(1-39) $7.50	(40+) $7.10
40617313J 1/4" x 2500'	10 1/2" metal reel	(1-9) $19.40	(10+) $18.20
40717613T 1/4" x 3600'	10 1/2" pancake	(1-9) $17.10	(10+) $16.10
407151131 1/4" x 1800'	7" plastic reel	(1-39) $9.90	(40+) $9.30
40717313J 1/4" x 3600'	10 1/2" metal reel	(1-9) $26.30	(10+) $24.60

632/642
Audio Mastering Tape

The extra low noise/ high output formulation of Ampex 632/642 tapes provides enhanced performance capabilities over that obtainable from standard output tapes.

Model	Description	Price ea.	Price ea.
632131111 1/4" x 600'	5" plastic reel	(1-39) $3.50	(40+) $3.30
632151111 1/4" x 1200'	7" plastic reel	(1-39) $5.30	(40+) $5.00
632173111 1/4" x 2500'	10 1/2" metal reel	(1-9) $17.50	(10+) $16.40
642151111 1/4" x 1800'	7" plastic reel	(1-39) $7.30	(40+) $6.80
642173111 1/4" x 3600'	10 1/2" metal reel	(1-9) $21.40	(10+) $20.00

Empty Reels And Boxes

Plastic Reels	BSW Price
5464 5" - NAB Center	.70 ea.
5196 5" - EIE Center	.55 ea.
5231 7" - EIE Center	.99 ea.
6089 10 1/2" - NAB Center	$3.30 ea.

Metal Reels	BSW Price
6393600 10 1/2" - NAB center (includes box)	$11.55

Empty Boxes	
605 5" empty box	.50 ea.
607 7" empty box	.50 ea.
630 10 1/2" empty box	$1.15

BSW

164T
Editing Pencils

White china markers don't require sharpening. Perfect for all your tape editing.

164T Box Of 12   **BSW Price $19.95**

GEM
Editing Blades

The popular choice for splicing and editing. Single edge razor works with all splice blocks.

**GEM** Box Of 100   **BSW Price $9.00**

XEDIT

S3/S3/90
Splicing Blocks

Editall precision splicing blocks are individually machined to very precise standards from hard, high quality aluminum and are hand finished to a very smooth, bur free surface. The S3 features two cutting angles. The first angle is defined as a "multitrack" angle. This is the longest angle that will result in the normally imperceptible time interval of less than 1/100th of a second between the top and bottom tracks, at the splice point, for a given tape width. The second angle is at 45°. The S3/90 features 45° and 90° cutting angles.

S3   **BSW Price $57.00**
S3/90   **BSW Price $57.00**

CL1
Splice Tabs

Splicing is a breeze with Xedit splice tabs. Each tab has a red non-sticky "handle" that lets you position the tab easily and let go of the splice without pulling it out of place. CL1 is a box of 1000 tabs. CL1-250 is a set of 250 tabs.

CL1   **BSW Price $49.30**
CL1-250   **BSW Price $18.00**

INTRACLEAN

S711
Head Cleaner

Formulated to clean tape heads, tape guides, capstans, and pinch rollers. Removes tape oxides, soils, oils, waxes, greases etc. with low toxicity and fast drying rate. Leaves no residue and is non-flammable.

S711 (2 oz. Bottle)   **BSW Price $8.95**
S711Q (Quart Can)   **BSW Price $39.95**
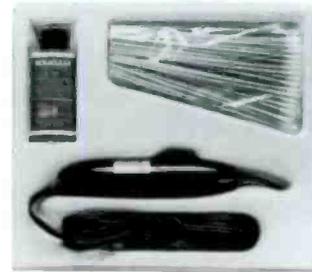
D5115
Recorder Maintenance Kit

The D5115 professional care kit offers complete tape head maintenance for reel-to-reel, and other recording machines. Includes a 2 oz. bottle of S-711 head cleaner, 100 cotton swabs and wand-style head demagnetizer.

Mfr. List $49.95   **Call For BSW Price**

BSW

COTTON SWABS

For cleaning tape heads. Extra long for hard to reach areas. Cotton tip stays on when wet.

BCS 100 (100 Quantity)   **BSW Price $2.95**
BCS 500 (500 Quantity)   **BSW Price $10.95**
BCS 1000 (1000 Quantity)   **BSW Price $19.95**

STL/MRL

TEST TAPES

Complete selection of test tapes for every application. Available in cassette, cartridge, and open reel.

Call BSW With Your Requirements

BROADCAST ELECTRONICS

VMC16
Remote Control

With the new Broadcast Electronics VMC-16 everything you need for continuous remote transmitter control is included in one complete, economical package. VMC-16 provides continuous monitoring of 20 user definable input channels utilizing standard dial-up phone lines, dedicated lines or radio link. Meter readings and other data are related to the remote operator with clean, clear human voice. Control instructions are made through any standard TOUCH TONE® telephone. It will also dial preset numbers and announce any alarm conditions, should they occur. Installation of the VMC-16 is simple and straightforward, but ample provision is given for your own custom programming. Corrective actions can be preprogrammed to respond to out-of-tolerance conditions and up to 99 timed events can be programmed as well. All programming is stored in EEPROM and is retained in the event of power loss. Additional included features are: 32 control relays, temperature sensors, 2-level password protection, 8-way fail-safe, self diagnostics through B.E. Customer Service and RS-232 port for PC monitoring and logging.

Mfr. List $2,450.00   Call For BSW Price

BROADCAST TOOLS

DC8
Dial-Up DTMF Controller

The DC-8 is designed to connect to a standard dial-up telephone line or program feed, allowing the user to control eight SPDT relays and monitor eight digital inputs via any standard TOUCH-TONE® telephone or DTMF source. The relays may be configured for momentary, latching, interlocking or group latch/unlatch operation. In addition, it offers bridging audio inputs and outputs allowing audio to be sent or received through the phone line. The DC-8 incorporates a "PAGER ALERT" function, which when activated, will dial a digital pager and display a programmed phone number. Additional features include programming via standard TOUCH-TONE® telephone; up to 8 digit passwords; programmable number of rings; 1 kHz tone generator; audio input/output switching to/from telephone line; status LEDs for tone, off-hook, local control, ring and power; single high/low tones used for status of the eight relays and digital inputs. Applications include adding telephone control capability to older remote control systems, an inexpensive source for unattended control of studios and transmitter facilities, a complete system for recording and playing audio from a remote location and more. Optional RM-2 rack kit available.

Mfr. List $399.00   Call For BSW Price

BROADCAST TOOLS

SRC8A
Remote Relay Control

The SRC-8A adds remote relay control to your DSP-6000 (or equivalent) digital STL or ISDN remote equipment. Applications include direct relay control for your dial-up remote control, a supplement to your dedicated remote control, relay control of satellite, transponder or remote audio switching as well as machine control and talent alerting for remotes. The standard system provides one-way control. The SRC-8B is available for Bi-directional control and status. All SRCs utilize a high integrity data format for maximum reliability. The SRC-8A consists of both transmit and receive units. Each unit is mounted in an aluminum case with mounting holes allowing convenient mounting. The optional RM-2 rack mount may be purchased for mounting two units in a 19" rack. Power adaptors and serial cables are provided.

Mfr. List $399.00   Call For BSW Price

BURK TECHNOLOGY

ARC16
Remote Control

Now, you have a choice: Full-time studio control, dial-up telephone control—or both. And because of modular design, the ARC16 offers features never before available in a 16-channel remote control system. With the studio controller you have a constant link to your transmitter, for instant response to any problem. The 32 character LCD display shows out-of-tolerance conditions at a glance, and it's simple to make adjustments, with clear-text prompting to guide you. The Enhanced Speech Interface (ESI) lets you take control using the telephone keypad from any Touch-Tone® phone. It can be used as the only control source, or in addition to the studio controller. It can be installed in the transmitter or the studio unit.

Features include clear text prompts (studio units); digitally-recorded human voice for dial up; built-in subcarrier generators; built-in alarms and multiple site control. AutoPilot computer software makes automatic operation of a studio/transmitter facility a dream come true. With modes defined by the user, the program will take corrective action when needed. AutoPilot can reduce down time and operator errors, while providing better records to show FCC compliance. AutoPilot runs on a 286 PC and is designed for use with the ARC-16 containing the computer interface option.

Price Based On Configuration

BURK TECHNOLOGY

TC8
Remote Control

The TC8 is a full featured remote control system that requires only 1 3/4" of rack space and provides 8 analog metering channels, 8 status inputs and 16 control outputs (8 raise, 8 lower). Studio and transmitter units communicate via telco loops or STL/SCA subcarriers. Specify which you prefer at time of ordering. Status inputs accept 5 to 28 V signals and metering channels accept inputs of either polarity from 0.25 to 4 V, ensuring easy interface with all broadcast equipment. Status LED's and a large dot matrix metering display can be read from across the room. CRT display, logging and fully automatic operation is possible using the optional RS-232 interface.

Mfr. List $2,495.00   **Call For BSW Price**

GENTNER

VRC2000
Remote Control

This system provides a total solution for controlling your broadcast transmitter where a telephone line, radio link, data link, or bi-directional audio link is available. The VRC2000 will notify you when something goes out of tolerance, when security is breached, or when corrective action is taken. It features 16 single-ended analog metering channels, 16 TTL compatible status channels, and 32 "open collector" transistor command outputs. The unit can be used to automatically monitor conditions at a remote site, automatically log regular reports to a printer, take corrective action based on monitored conditions, and notify a human operator via telephone or radio links should an undesired condition occur. The VRC2000 has an outstanding list of options and accessories that make installation and operation easy and efficient.

Point and click your way to total transmitter control with optional VRC-WIN software. Compatible with your PC running Windows 3.1 or later, VRC-WIN lets you dial and connect to any of six sites, see current conditions and take corrective action with the click of your mouse.

Basic VRC2000	**Mfr. List $2,995.00**
VRC-WIN	**Mfr. List $195.00**

BSW System Prices Based On Configuration

MOSELEY
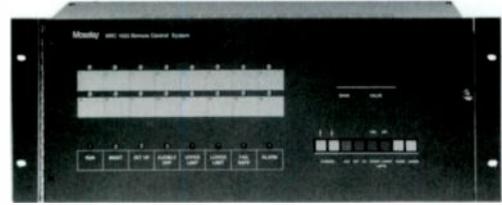
MRC1620
Remote Control System

The MRC1620 system consists of a remote terminal that allows an optional control terminal or IBM PC with TaskMaster20 software to monitor and control a remote facility from both dedicated and/or dial-up control points. The MRC1620 remote terminal comes equipped with 32 relay isolated command outputs (16 raise/16 lower), 16 TTL status inputs and 16 analog metering inputs with the required terminal connectors.

The remote and control terminals are simple to operate and easy to understand. All status channels are simultaneously displayed on a set of 16 LEDs. The front panel displays read-outs of selected channel number and telemetry data. LEDs indicate operation mode, alarms and other system parameters. During alarm conditions, intelligent automatic corrective action can be taken by the remote terminal under the direction of the TaskMaster20. The remote terminal comes equipped with the appropriate modems to communicate over dedicated circuits (STL/TSL/FMSCA, 2/4 wired leased lines or standard dial-up lines).

MRC1620 Remote Terminal	**Mfr. List $3,450.00**
MRC1620 Control Terminal	**Mfr. List $1,550.00**
TASKMASTER20 Software	**Mfr. List $595.00**

Call For BSW Prices
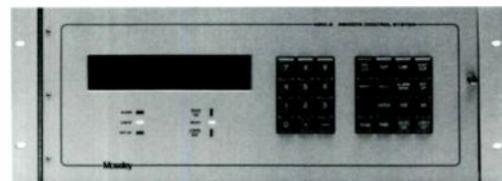
MRC2
Remote Control System

Multi-site, multifunction, the MRC2 controls and monitors as many as 99 remote sites, with multiple control terminal capability to let you delegate control from master to master as needed. Up to 255 status, 255 telemetry and 255 command channels supervise your sites.

Command, status and telemetry setup is straight forward on the MRC2. Using the remote terminal keyboard and 48 character alphanumeric LED display, the system provides plain English prompting and menu pages for setup selection. Similar procedures are used at the control terminal to set up and verify telemetry limits, assign data links and to set up controlled access for restricted functions.

Several options and configurations available. Call for complete information and pricing.

Prices Based On Configuration

SINE SYSTEMS
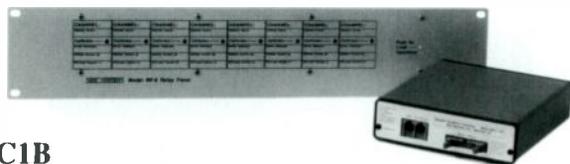
RFC1B
Remote Control

Control and monitor your transmitter from any telephone with the Sine Systems RFC1/B, the affordable fully-featured dial-up remote control. It speaks to you with a natural human voice! Its built-in alarm system phones up to six different telephone numbers to report out-of-tolerance conditions. It can automate transmitter power/pattern changes as well. The basic system consists of one RFC1/B and one RP-8, eight-channel relay panel. Add more RP-8s for additional channels. Add the optional SP-8 heavy-duty surge protection system and Sine Systems will cover lightning damage under the one-year warranty!

Let your RFC1/B system print your readings with the RS-232 option and a serial printer. The RS-232 kit installs in about 10 minutes. Add two modems and it can also print readings remotely without using a computer. Multiple RFC1/B sites can log into the same printer.

An important part of FCC regulation is being able to monitor your tower lights. The optional ACM-1 not only tells you if the lights are on or off, it can detect a change in average lighting current as small as 1%.

The optional AFS-1 audio fail safe detects the loss of program audio. It can monitor 2 audio channels with an adjustable delay time for relay closure.

RFC1B	Mfr. List	$1,099.00
RP-8	Mfr. List	$399.00
SP-8	Mfr. List	$129.00
RS-232	Mfr. List	$249.00
ACM-1	Mfr. List	$99.00
AFS-1	Mfr. List	$249.00

Call For BSW Price

DAI-1
Dial-Up Audio Interface

The DAI-1 Dial-up Audio Interface provides an impressive array of control features. It combines an autocoupler, a dial-out alarm, two AGCs, a DTMF operated equipment controller and an audio switcher into one affordable device. It is commonly used as a tool for "walkaway" EBS compliance. Another popular application is to allow "dial-up" remote broadcasts when the studios are unmanned. Options include the DB-1 50 millisecond delay board that prevents DTMF tones getting on the air, the CI-1 Composite Insertion Module for use when discrete audio is not available and the DAI-RP rack mount kit.

Mfr. List $699.00   **Call For BSW Price**

TELTEK

INFORMERIITX
Temperature Sensor

InformerIITX interfaces with your remote control to report accurate temperatures from your transmitter with a range from 0 to 230 degrees F. Simply supply the unit with 8-80 VDC and it will provide 10mV of output per degree fahrenheit to your remote control. Includes 18' cable and sensor.

BSW Price $74.95

BROADCAST TOOLS

SILENCE MONITOR
Loss Of Audio Monitor

The Silence Monitor is designed to monitor any stereo or monaural audio source for activity. Sources to monitor may be modulation monitors, AM/FM/TV tuners, etc. The absence of audio will extinguish the "SIGNAL" LED and close a relay after a programmable time delay. The relay remains closed for the duration of the loss of audio, while a second relay is latched and may be set to flash. The precise time delay is programmed via 8 dip switches in increments of 2 seconds with a maximum time delay of eight and a half minutes. The Silence Monitor is equipped with an on-card silence alarm reset switch, opto-isolated remote reset and defeat inputs and LEDs that display presence of audio, power and silence alarm. The Silence Monitor is supplied in an aluminum chassis with mounting holes allowing convenient mounting. The optional RM-2 allows two units to be mounted in a 19" rack.

Mfr. List $199.00   **Call For BSW Price**

BROADCAST ELECTRONICS

AIR SENTRY II
Audio Signal Monitor

The Air SentryII is designed to constantly monitor the presence of an audio signal to energize a relay when the audio is absent. Activation of the relay is front panel adjustable from 4 to 20 seconds. Air SentryII can monitor any stereo or mono audio source such as audio from AM/FM tuner, TV receiver, or modulation monitor.

Mfr. List $295.00   **Call For BSW Price**

BELAR

FMMA1 WIZARD™
Digital FM Modulation Analyzer

The Wizard is a microprocessor controlled, digital modulation monitor/analyzer, available in FM and AM models that precisely measures peak modulation, peaks per minute, average peak modulation, modulation density and more. The Wizard Software (included with the Wizard) and an IBM-compatible computer enable real-time graphing, logging and remote operation. The FMSA1 combines with the FMMA1 baseband unit to offer DSP-based stereo monitoring.

FMMA1	Mfr. List $3,300.00	**Call For BSW Price**
FMSA1	Mfr. List $3,900.00	**Call For BSW Price**
AMMA-1	Mfr. List $3,300.00	**Call For BSW Price**

FMM2

FMS2

AMM2B

FM/AM SERIES
Modulation/Frequency Monitoring Products

For more than 30 years Belar has been making precision modulation monitoring products and established a reputation that makes their name synonymous with reliability. Belar makes a model and options to fit every application.

Below is a list of the major products available for your reference. Please call BSW for more information on specifications and options available for all these trustworthy products.

FMM2 FM Precision Modulation Monitor	Mfr. List	**$1,790.00**
FMS2 FM Stereo Modulation Monitor	Mfr. List	**$2,050.00**
FMM4A FM Digital Frequency Monitor	Mfr. List	**$1,590.00**
SCM2 SCA Modulation Monitor	Mfr. List	**$2,050.00**
RFA4 Frequency Agile FM RF Amplifier	Mfr. List	**$1,190.00**
RFA1A Fixed Frequency FM RF Amplifier	Mfr. List	**$850.00**
AMM2B AM Modulation Monitor	Mfr. List	**$1,590.00**
AMM3 AM Modulation Monitor	Mfr. List	**$1,790.00**
AMM4 AM Digital Frequency Monitor	Mfr. List	**$1,390.00**
RFA2 AM RF Amplifier (specify frequency)	Mfr. List	**$790.00**
Call For BSW Prices		

DELTA

SM-1
AM Splatter Monitor

Now you can use the same tool that the FCC uses to measure your stations compliance with NRSC and FCC regulations and requirements. It's inexpensive and easy to use and interpret results.

SM-1	**Mfr. List $3,995.00**
AWA1 Active Whip Antenna	**Mfr. List $645.00**
Call For BSW Prices	

INOVONICS

530-00
FM Modulation Analyzer

The Inovonics model 530-00 allows precise measurement of FM broadcast carrier modulation. Clear displays are given for total modulation as well as left/right program channel and pilot/subcarrier injection levels. The tunable laboratory grade FM receiver has 8 station presets so you can accurately monitor the competition. Additional features include alarms for insufficient signal strength or excessive multipath, three measurement ranges plus a peak flasher, a user definable output port for remote control and a front panel program monitor headphone jack.

Mfr. List $2,200.00   **Call For BSW Price**

MODULATION SCIENCES

MODMINDER
FM Modulation Monitor

Increase modulation with less processing, and still stay within FCC limits. ModMinder™ gives you more accurate measurement of modulation in accordance with the most recent FCC standard. FM ModMinder™ registers only those longer "events" that the FCC really cares about. The end result is you may be able to boost your modulation up to 3 dB depending on the type of processing you use. ModMinder™ works with any stereo-capable demodulator or can be purchased with an internal demodulator.

FMMM1 ModMinder	**Mfr. List $2,395.00**
FMMM2 ModMinder W/Demodulator	**Mfr. List $3,090.00**
Call For BSW Prices	

QEI

691/01
FM Modulation Monitor/Test Set

The 691/01 is a highly technical, precision instrument employing a combination of test techniques in a versatile, but very compact package. It was designed to be a complete FM test package with facilities for all proof of performance measurements and a wide range of trouble-shooting tests. Operator convenience and simplicity of use were primary considerations in the design of the 691/01. 18 tests can be performed in addition to measuring FM and SCA modulation when used with an oscilloscope.

Mfr. List $6,875.00   **Call For BSW Price**

TFT

844A
FM/Stereo Modulation Monitor

You get everything you need for complete proof of performance measurements (for distortion, an external analyzer is needed) right on the front panels, plus accuracy, versatility and convenience no other monitors can match. The 844A FM Monitor combines a tunable RF preselector, a baseband monitor and a stereo monitor in one compact instrument.

Mfr. List $5,150.00   **Call For BSW Price**

884
FM Stereo Modulation Monitor

A cost effective alternative to TFT's popular Model 844. It can be used for transmitter proof of performance measurements or for off-air monitoring. The frequency synthesized preselector lets you compare your signal with other stations.

Mfr. List $3,765.00   **Call For BSW Price**

CRL

SC100
RDS Encoder

The SC100 generates RDS signals and (optionally) SCA signals through 100% digital subcarrier generation. The SC100 allows you to easily enter static data from its front panel to begin taking advantage of RDS right away. With the built-in RS232/Modem interface you can move on to dynamic data entry from your PC or laptop. The PC software is easy to understand, yet offers powerful operating features. Optional SCA generator with two expansion slots available.

Mfr. List $3,395.00   **Call For BSW Price**

INOVONICS

710
RDS Encoder

The 710 is a very easy to use RDS encoder which requires neither a host computer nor user programming. As many as 15 separate "frames" or complete sets of IDs, flags and messages are held in the 710's nonvolatile memory. With a touch of a button or by remote command, you select the data frame(s) to be broadcast. All desired combinations of RDS data are stored in an easily-updated EPROM with supporting software supplied. Simply connect the 710 to an IBM-compatible PC for more advanced, dynamic operation.

Mfr. List $995.00   **Call For BSW Price**

MODULATION SCIENCES

RDS1
RDS Encoder

The RDS-1 consists of a plug-in IBM-compatible circuit board and software that interfaces directly to the SCA input of your exciter. RDS-1 allows you to go on the air with RDS quickly and easily, with all "standard" functions - transmit your call letters, format code, traffic announcements, Radiotext and more. Then, when you're ready, you can send title and artist information for the music you play, advertiser phone numbers while you're airing their spots, unlimited length Radiotext messages, even time & temperature. RDS-1's included software supports it all.

Mfr. List $1,750.00   **Call For BSW Price**

SPECIALIZED COMMUNICATIONS

MUSICBOARD
Interactive Billboards

Imagine driving down the highway and seeing a billboard with your station's call letters and an enormous radio electronically displaying the artist and song title currently playing on your station. Talk about the ultimate in outdoor advertising. This, and other amazing promotional opportunities are now a reality with MusicBoard™ from Specialized Communications and BSW. MusicBoard takes information from your station's playlist and sends it for real-time display on RDS radios, billboards and LED messaging signs.

Interactive Billboard Pricing Based On Configuration

LED Displays

In addition to billboard applications, MusicBoard LED displays can be utilized in a number of effective ways. Show potential listeners who's on the air with MusicBoard portable LED message signs that display song titles and artist names. A variety of size and color options are available including kiosk versions that combine the LED display with your custom backlit artwork for maximum visual impact. You can even add an audio output for headphones or speakers. These signs are great for promotional vehicles, station lobbies or client locations.

With the enhanced Radio*ACTIVE* feature of MusicBoard you can create your own messaging network to create a new revenue source with RDS. Set up an information service such as sports scores, news headlines etc. and sell time to local businesses for private messages to be transmitted.

LED displays are available in many configurations to suit your particular needs.

Call For Complete Information And Pricing

MusicBoard Software

Critical to the success of MusicBoard is its special software, developed to import information from a music database and send it to an RBDS encoder. It works with just about every music database available, including automated stations and stations that rely on a database playlist and play selections manually. When a music log is printed for the next day, a computer file of the log is saved for MusicBoard use. The MusicBoard computer can be operated manually or hardwired directly to the music sources on the control room audio console to operate automatically. MusicBoard "reads" the start pulse of a song and knows the song length. During commercials it will display custom messages you've created, opening up the potential for your station selling visual advertising. Depending on the receive system you choose, your display options are virtually limitless.

There are three levels of MusicBoard software. Level 1 activates RDS radios with basic RDS features to display artist and song title. Level 2 allows you to activate MusicBoard LED signs. Level 3 activates Radio*ACTIVE*, the full-function system with networking capability, allowing you to display independent messages to multiple locations. This expanded level of operation allows you to tap into the full potential of RDS as a profit center by creating electronic information services and client specific advertising.

LEVEL 1 Software	**BSW Price $399.00**
LEVEL 2 Software	**BSW Price $599.00**
LEVEL 3 Software	**BSW Price $699.00**

BELAR
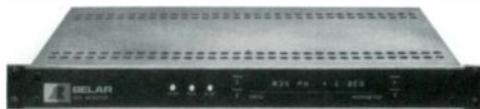
RDS-1
RDS/RBDS Monitor

The RDS-1 displays RDS/RBDS parameters including RDS injection; stereo pilot injection, RDS/pilot phase error; radio text; alternative frequencies; data channels; groups present; location/navigation; radio paging and more. It also features an RS-232 port for computer display.

Mfr. List $2,200.00   **Call For BSW Price**

INOVONICS

510-000
RDS Decoder/Reader

The 510 connects to the output of any FM modulation monitor to verify your RDS signal. It accurately measures injection level and reads station, format and program IDs; radio text; alternate frequencies and traffic flags. Additional features include an internal "glossary" to locate groups of interest, an RS-232 port for external PC control and optional software for expanded features.

Mfr. List $1,950.00   **Call For BSW Price**

CIRCUITWERKES

TELERADIO
Remote Controlled Listen Line

Why settle for conventional taped air checks when you can have immediate air checks at your fingertips. The TeleRadio is a rack mounted device that contains an AM/FM tuner coupled with a switcher that allows any touch-tone telephone to change station presets so you can listen to your station and the competition in real-time. Perfect for programming consultants and group program directors to monitor up to 10 radio stations in the same market from a remote location. TeleRadio's auto answer and auto hang-up feature allows for unattended operation.

Mfr. List $689.95   **Call For BSW Price**

DENON

TU380RDS
AM/FM/RDS Tuner

This tuner features comprehensive RDS receiving and display facilities in an affordable package. RDS features include program service name (name of station being received), program type indication and search; radiotext message (up to 64 characters on a scrolling display); traffic program/traffic announcement indentification and clock time. Additional performance features includes high sensitivity; high S/N ratio; low distortion; wide/narrow IF Bandwidth selection (FM) as well as 40 station preset memory with custom character display for each preset.

Mfr. List $325.00   **Call For BSW Price**

ROLLS
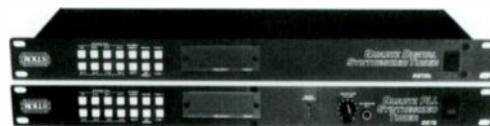
RS78B/RS79
AM/FM Tuner

These single rack space tuners offer the features and performance broadcasters need at very affordable prices. The RS78b features 16 FM and 8 AM presets that stay in memory for up to 4 days with power off. Its large LCD display stays visible even in bright daylight.

The RS79 adds balanced XLR outputs, a signal strength meter, a front panel headphone jack and 3-year preset memory.

RS78B Mfr. List $215.00   **Call For BSW Price**
RS79   Mfr. List $298.00   **Call For BSW Price**

TECHNICS

STK550R
AM/FM Tuner

BSW has combined a quality consumer hi-fi AM/FM tuner with our own custom rack hardware to bring you another fantastic value. The Technics ST-K550R features a total of 30 presets for FM and AM frequencies. Non-destructive memory allows presets to stay intact even when power is off.

Mfr. List $215.00   **Call For BSW Price**

BROADCAST TOOLS

TALKING DUCK
Remote Audio Circuit Identifier

The Talking Duck, unlike any other product available, conveniently identifies any audio circuit. By simply connecting the wall transformer to the Talking Duck and pressing the RECORD button, a 16 second identifying message may be recorded. On playback, a 4 second 1 kHz tone along with the recorded message will continually run. By connecting the Talking Duck to a Telco loop or ISDN equipment, the user can immediately identify a remote circuit by dialing up or selecting the circuit and listening to the message. The Talking Duck will continually feed the circuit until a 1/4" TRS plug is inserted into the front panel jack, at which point, the recording is disconnected and the source equipment is switched back to the circuit.

Mfr. List $139.00   **Call For BSW Price**

MARTI

RPT30/RPT15
Remote Pickup Transmitters

Remotes are a breeze with a Marti Remote Pickup System. The RPT30 transmitter offers four balanced microphone inputs (one selectable for line level) and a built-in FM compressor providing automatic modulation control.

The RPT15 is a compact 15 watt transmitter that can operate on 115 VAC or 12-14 VDC. It features an XLR mic input, Aux line level input and built-in FM compressor/limiter.

The RPT-2 is Marti's hand-carried RPU transmitter that operates for up to 3 hours on an internal Ni-Cad battery, from 115 VAC or an external 12 VDC power source.

All of the above models are available as single or dual frequency systems.

RPT30	**Mfr. List $1,815.00**
RPT15	**Mfr. List $1,165.00**
RPT2B with battery	**Mfr. List $1,155.00**

Call For BSW Prices

MARTI

SR10
RPU Receiver

The frequency agility and superior selectivity of the Marti SR-10 help you maneuver through the high interference levels that plague today's RPU bands. Frequencies can be selected in 12.5 kHz steps within the 450-455 MHz band (other frequency bands soon available). It allows for front panel selection of channels with 6 programmable priority channels that can be scanned or selected. There's also an option for remote channel selection and display. Additional features include front panel speaker and headphone jack with monitor level control, automatic noise reduction circuit and optional subaudible tone decoding.

Mfr. List $2,500.00   **Call For BSW Price**

CR10/AR10
RPU Receivers

The CR-10 and AR-10 receivers offer single or dual-frequency operation with legendary Marti reliability. CR-10 is a rack mount model and AR-10 is a portable receiver. Both units feature built-in test meter, squelch relay, monitor speaker, subaudible tone decoding and noise reduction circuitry.

|	
AR10	**Mfr. List $1,395.00**
AR10-2 dual frequency	**Mfr. List $1,435.00**
CR10	**Mfr. List $1,195.00**
CR10-2 dual frequency	**Mfr. List $1,235.00**

Call For BSW Prices

ANTENNACO
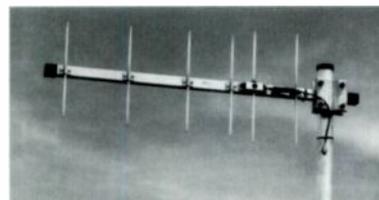
H SERIES
Yagi RPU Antenna

These durable medium gain yagis are great for RPU or other directional applications with frequencies ranging from 138 MHz to 960 MHz. Their robust square tube boom and solid aluminum rod elements make them very durable in all types of climates. Made in the USA, these antennas feature a 2-year warranty.

Mfr. List Prices Range From $194.00 to $365.00
Call For BSW Price

LARSEN
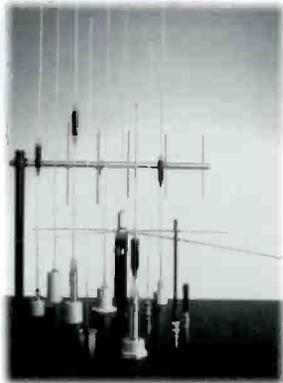
Antennas

Larsen has a large selection of antennas available for both mobile and fixed applications.

Call Us With Your Specific Requirements

SCALA

CA7-460
Yagi Antenna

The CA7-460 is a seven-element yagi designed for high performance and long-term reliability even under severe environmental conditions. Its broadband design makes it particularly suitable for systems requiring frequency agility within a specified band. Two standard models cover the 406-420 MHz and 450-470 MHz bands. Custom models are available for other portions of the 200-500 MHz spectrum. Impedance is 50 ohms, gain is 10 dB (over dipole), and input power rating is 100 watts.

Mfr. List $200.00   **Call For BSW Price**

MARTI

YC SERIES
Yagi Antennas

These yagis are available in fixed frequencies ranging from 152.08 to 455.99 to cover any RPU application. The antennas have 5 or 6 elements depending on the frequency, and have a gain of 9 dB.

YC SERIES (All Models)   **Mfr. List $185.00**

Call For BSW Price

WILL-BURT

Pneumatic Telescoping Masts

Will-Burt's pneumatic telescoping masts are a quick and convenient way to get the antenna height you need from your remote vehicles. The masts are extended from their compact nested height by pneumatic pressure supplied by air compressors, hand pumps or compressed air bottles. They can be mounted to extend through the roof of a remote vehicle, or on the vehicles rear bumper.

Call BSW For Pricing And Detailed Specifications

HURRY-UP
Telescoping Mast

Here's a simple, inexpensive, and effective portable antenna mast for your remotes. The TMD Hurry-Up mast is designed for fast and easy deployment of light weight antennas. It consists of 6 graduated aluminum tubes which nest one inside another. The mast is extended by pushing up the sections and fixing them into position using quick lock/release collars. It can be fully extended to 25' in one minute or less. Hurry-Up is free standing in its universal vehicle mounting stand so you can take it on remotes using whatever vehicle is available. Weight is only 20 lbs. with a nested height of 6'-0".

Mfr. List $1,450.00   **Call For BSW Price**

MARTI

STL15C/STL10
STL Systems

The Marti STL-15C transmitter and companion R-15C receiver form a high quality, frequency synthesized, radio communications link. Depending upon the available channel bandwidth, the systems can transmit composite stereo with two subcarriers, or digital stereo audio when used with external modems. Features: Unexcelled composite stereo separation, noise and distortion specs, high interference rejection receiver, 9.5 watts of power, available for new narrow channels provision for automatic switching, two year limited warranty.

For mono operations or for non composite stereo applications, choose the STL10 Package. Separate right and left units can be linked for stereo operation with greater rejection of interference, superior noise specifications, lower channel crosstalk and redundancy than most composite systems, plus four optional sub-channels available. Features include: excellent square wave response, user selectable audio processing, low pass and band pass filtering for minimum overshoot and high selectivity, extensive front panel test features and built-in automatic switching capability.

> **STL15C/R15C Composite Stereo System**
> **Mfr. List $7,000.00**   **Call For BSW Price**
> **STL10/R10 Mono System**
> **Mfr. List $3,320.00**   **Call For BSW Price**

MD2E/MD2D
Digital Encoder/Decoder

Upgrade the performance of your composite analog STL with the MD-2E digital encoder and MD-2D digital decoder. Combined with the Marti STL-15C, or other current composite STL system the MD-2E and MD-2D create a high quality, 16 Bit digital link delivering outstanding audio specifications such as crosstalk of -85dB and dynamic range 93dB typical. Encoder features digital AES/EBU inputs with 3 selectable sampling rates as well as RDS and MPX inputs.

> **MD2E Mfr. List $2,500.00**   **Call For BSW Price**
> **MD2D Mfr. List $2,500.00**   **Call For BSW Price**

MOSELEY

DSP6000
Digital STL Encoder/Decoder

Your key to an STL system that can pass CD quality audio is the DSP6000. This digital encode/decode system is designed to be used with Moseley PCL6000 or PCL606 Series STLs. It provides a 90 dB SNR with only .01% distortion and can operate in existing channel allocations from 100 to 500 kHz, coexisting with established analog radios. Look at the advantages of having digital: Signal-to-noise ratio of 90 dB with .01% distortion, higher system gain (up to 25 dB over analog STLs), constant SNR - unaffected by fades, no crosstalk, no degradation with multiple hops.

The standard system comes equipped with an encoder and decoder for two (right and left) audio channels and one data channel with provisions for up to two auxiliary program channels and one additional data channel.

> **Basic System Starts At $5,990.00 Mfr. List Complete Digital STL Packages Available Prices Based On Configuration**

## PCL6000 SERIES
Composite STL Systems

The PCL6010 transmitter and PCL6020, 6030 and 6060 receivers employ a synthesized reference oscillator to eliminate fixed frequency crystals. Monaural or composite operation is available from a single system. By selecting appropriate jumpers, you can enable wideband composite stereo or 15 kHz monaural basebands. Two PCL6000 systems can be used in a dual discrete configuration to transmit right and left stereo programs with no measurable crosstalk. Receiver IF bandwidth can be factory or field set for channel spacing of 100 kHz to 500 kHz.

Which system is right for you? If you have no adjacent channel interference, the PCL 6020 will offer superior performance. The PCL 6030 is designed for hostile RF environments where maximum selectivity and adjacent channel rejection are required. The PCL6060 goes even further to operate in congested antenna farms. It offers noise-free performance in the most hostile RF conditions.

> **PCL6020 System Mfr. List $8,250.00**   **Call For BSW Price**
> **PCL6030 System Mfr. List $9,250.00**   **Call For BSW Price**
> **PCL6060 System Mfr. List $9,950.00**   **Call For BSW Price**

QEI
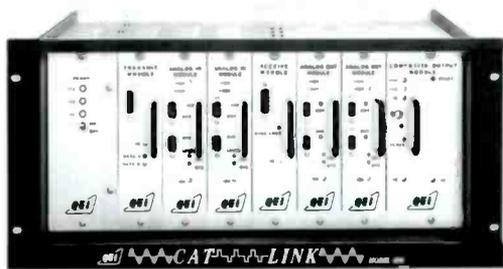
CAT-LINK
STL/TSL System

CAT-LINK is a digital STL/TSL system that provides two-way transmission of program material over readily-available T1 telco services. Linear Digital PCM encoding/decoding provides a transparent link to the transmitter without audible delays. CAT-LINK offers multichannel send and receive capabilities for discrete audio, composite audio and digital audio via AES/EBU interface. Call BSW for more information.

Prices Based On Configuration

TFT

DMM92
Digital STL Modem & Multiplexer

DMM92 encoders and decoders allow transmission of digitally encoded audio and computer data via conventional analog radio equipment. A system provides CD quality audio utilizing apt-X sub coding for very short audio delay. Digital and analog I/O and multiple channel versions available.

System Prices From $6,150.00 Mfr. List
Call For BSW Pricing And Configuration

8910 RECITER
STL Receiver/FM Exciter

The Reciter™ is a single unit that combines the function of an STL receiver and an FM exciter with an Intermediate Frequency (IF) interface between them allowing the cleanest transfer from an analog receiver to an FM exciter available.

Mfr. List $9,100.00   **Call For BSW Price**

TFT

9100A/9107A
Composite STL System

TFT's highest quality analog STL. Transmitter features: 0.02% THD, 85 dB SNR, 55 dB stereo separation, 5-year warranty, CD quality audio when used in conjunction with TFT's Reciter, AC or DC operation (±12V, ±24V, ±48V). Receiver features: 0.05% THD, 80 dB SNR, 50 dB stereo separation, high interference immunity without phase distortion, 5-year warranty and built-in receiver switchover.

9100A Mfr. List $3,725.00		Call For BSW Price
9107A Mfr. List $3,385.00		Call For BSW Price

9200/9205
Mono STL System

This economical, frequency synthesized system is designed for single, redundant dual channel, or stereo program transmission. Features: Field programmable frequencies • Spectrum efficient operation • Optional built-in subcarrier generator and demodulator • 0.2% THD, 75 dB SNR, 80 dB channel separation • Built-in receiver switchover unit

9200/9205 System Mfr. List $3,570.00   Call For BSW Price

8300/8301B
Composite STL System

The 8300 is specifically designed for crowded RF signal environments. Features like S.A.W. filters, selectable RF front end gain, variable bandwidth IF amplifiers and cast aluminum RF shielded housings for critical circuits contribute to the cleanest possible signal with this system. A wide array of options and accessories such as IF repeater, stereo decoder, and 92 kHz SCA capability are available.

8300 Transmitter Mfr. List $5,300.00   Call For BSW Price
8301B Receiver   Mfr. List $5,160.00   Call For BSW Price

Thanks for Making
T.FT #1

Thanks to you,
we've got one of the most advanced digital STLs!

A Long History of Leadership

25 years ago, TFT developed the first practical, off-air modulation monitors. When TV stereo was born, we developed the first BTSC aural modulation monitor. We pioneered the FM synchronized booster system. We introduced the only digital STL that accommodates additional subcarriers.

TFT has been a leader in broadcast technology in RF and digital transmission products. Our technology covers audio to 1.8 GHz and includes specialties in DSP (Digital Signal Processing) and modems. TFT holds four patents granted since 1973.

TFT Offers Affordable STLs – Digital/Analog

TFT's DMM92 Digital Modem and Multiplexer gives you superior audio quality, six channel capacity and a choice of audio compression. Now you can add multiple subcarriers in one cost-effective solution!

We've included features that allow you to expand when you're ready, without paying for what you don't need. Get an open system with higher performance for less expense!

Whether single or multiple transmitter sites, even via IF repeaters, TFT has analog and digital solutions.

Contact TFT Today for Your FREE STL Primer

For years engineers have relied on us for direction. And again we're here to help. We've put together a comprehensive Primer on cost-effective solutions detailing Studio-to-Transmitter Links. You'll learn fundamentals, applications, equipment descriptions, installation, and block diagrams. It's all yours *FREE* for the asking. Contact TFT or your local TFT agent now.
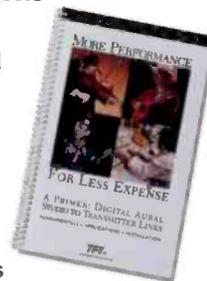
ANDREW

GRIDPAK
Grid Antennas

Andrew GRIDPAK and Mini GRIDPAK antennas are high-performance, low windload grids which reduce transportation costs because they are shipped totally disassembled in a light-weight flat package.

Price Based On Size And Configuration
**Call For BSW Prices**

MARK
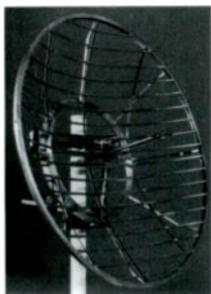
Grid Antennas

Mark grid antennas are very lightweight and durable made of HeliArc welded aluminum for superior strength and rigidity. These grid antennas have virtually the same electrical characteristics of comparable size parabolic reflectors but only about 25-30% of the wind load factor. When ordering specify size, frequency, pressurized or non-pressurized, heated or non-heated.

Price Based On Size And Configuration
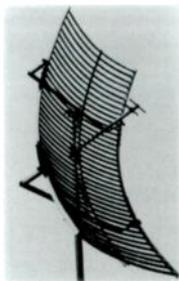
SSH9A72GN
Super Short Haul Antenna

The SSH9A72GN is a point-to-point grid antenna designed to work in any frequency between 940-960 MHz. The antenna has a mid band gain of 20 dBi and half power beamwidth of 19° (horizontal) and 10° (vertical). It weighs only 30 lbs. (including feed and mount), and utilizes universal clamps for quick and easy installation on pipe diameters from 1.9" to 3.5" O.D. UPS shippable!

Mfr. List $985.00   **Call For BSW Price**

MARTI

SC48
Parabolic Antenna

This low cost, 4' antenna is broadband for the 940 to 960 MHz aural STL band and is category B rated in vertical and horizontal planes. Gain at 950 MHz 21.05 dbi, 1/2 power beam width 16 degrees, max. input power 100 watts.

Mfr. List $835.00   **Call For BSW Price**

SCALA

Grid Parabolic Antennas

BSW now offers a full line of grid parabolic antennas from Scala for applications within the 940-960 MHz range. Dish sizes from 48" to 144".

**Call For BSW Pricing And Configuration**

MF960

PR950

PR SERIES
Paraflector® Antennas

Widely used for point-to-point STL links, telemetry, and UHF-TV, the PR Series Paraflector® offers rugged construction for reliable long-term service, even in severe environmental conditions. Universal mounting bracket allows for easy horizontal or vertical mounting. Specify frequency when ordering. UPS shippable.

For short hops where a full-sized grid or parabolic is not necessary the MF960 Miniflector® is a rugged, economical way to fulfill your antenna needs.

PR950 Mfr. List $690.00   **Call For BSW Price**
MF960 Mfr. List $350.00   **Call For BSW Price**
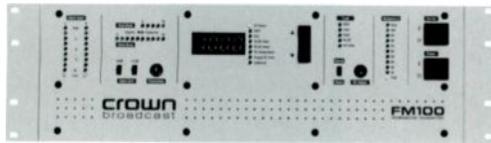
CROWN

FM SERIES
Integrated FM Transmitter Systems

More than just an FM exciter or amplifier, a Crown integrated FM transmitter system combines built-in audio processing and stereo generator in one rugged, compact unit. Each model provides excellent signal quality, ease of use, and economical long-term reliability with a variety of features including:

- Quick set-up
- Built-in stereo generator & audio processing
- AC or DC operation.
- Built-in metering and diagnostics

FM30T	3 to 33 Watts	Mfr. List	$4,795.00
FM100T	20 to 110 Watts	Mfr. List	$5,995.00
FM200T	20 to 215 Watts	Mfr. List	$7,295.00
FM200T	20 to 515 Watts	Mfr. List	$10,995.00

Call For BSW Prices

HENRY RADIO

FM Broadcast Power Amplifiers

Henry Radio has been building commercial, military and industrial power amplifiers for over 30 years, earning a reputation for reliability and service. They still support every amplifier they've ever made with quick shipment of parts from stock. In short, you can count on Henry amps for a long economic life.

Henry supplies both tube type and solid state amplifiers for FM broadcast applications ranging from 20 W to 16 KW. These amplifiers provide a very cost effective way to upgrade old transmitters or create new systems.

The tube versions feature Eimac triode tubes in a grounded grid configuration. They are very cost effective and easy to maintain. Solid state models utilize modern microstrip design, based on conservatively rated, balanced-emitter transistors which are self-protecting in bad load conditions.

All amplifier models include internal low-pass filtering and are type-accepted for use with any type-accepted 10 watt exciter.

Call For BSW Pricing

MARTI

ME40
FM Exciter

The ME40 is a quality 40 Watt synthesized FM Exciter at a surprisingly low price. This is an excellent choice to replace your older exciter or for use as a standby. Features 40 Watts VSWR protected power, peak-hold baseband modulation LED display, test multimeter with forward and reverse power ranges, full remote capability, and 2 year limited warranty.

**Mfr. List $3,995.00**   **Call For BSW Price**

QEI

QUANTUM
Solid State FM Transmitters

QEI's new Quantum Series of FM broadcast transmitters are totally solid state and provide an unsurpassed broadcast signal with utmost efficiency. Everything you need, including QEI's new 300 watt exciter, is housed in a single cabinet. All Quantam transmitters under 6 kW fit in a cabinet only 59" high, facilitating air freight shipping and easy installation. Only the Quantum allows you to buy precisely the amount of power you need between 1.2 and 9.6 kilowatts in 600 watt increments. QEI's exclusive cable-less, solid state power combiner eliminates all trouble prone connections and high loss cabling. A single phase power supply facilitates installation for a broad range of applications.

Call For BSW Pricing

QEI
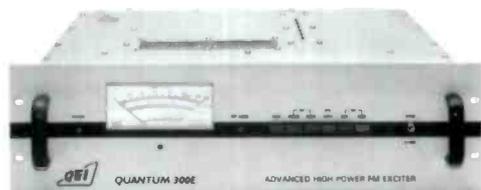
QUANTUM E SERIES
FM Exciters/Transmitters

The E SERIES establishes a new level of FM performance with the advantage of highest power emergency back-up available in an exciter style package. QEI took the field-proven design of the model 695 exciter and incorporated high power FET amplifiers to deliver uncompromised performance as a transmitter, exciter, booster or translator (option). Features: Frequency synthesized in 100 kHz increments (10 kHz optional); phase locked; "on-carrier" direct FM; unconditionally stable solid state amplifier and ultra low distortion, crosstalk and noise. Power levels from 75 watts to 1000 watts.

Price Based On Power Level

FMQ SERIES
FM Tube Transmitters

QEI's FMQ Series FM broadcast transmitters share unique design elements and are conservatively designed for years of trouble-free service. Available in 3.5, 5, 10, 20 and 30 kW models, these transmitters utilize an inherent broadband design to provide a superb broadcast signal. The FMQ power amplifiers utilize a single triode in grounded grid service. This grounded grid triode design offers inherently greater stability, better performance and is less critical in operation than its tetrode counterparts since it requires no neutralization or additional energy consuming power supplies. QEI's 675B exciter is supplied with the FMQ Series transmitters standard and optionally with the model 695 exciter.

Call For BSW Pricing

QEI

695
FM Exciter

The 695 is an advanced technology FM exciter with outstanding features, performance and audio quality. Modulation metering and peak counter are built-in the front panel. QEI's "Automod" (Automatic Modulation Control) circuitry will maintain an optimum modulation level in spite of variations that may occur in the studio equipment or STL. The 695 will operate with any stereo generator or 3 SCA inputs as well as a 600-ohm balanced line for mono signals. RF frequency is selectable and may be changed easily in the field without retuning. Power output is adjustable from 5 to 20 watts.

Mfr. List $5,450.00   **Call For BSW Price**

TEPCO
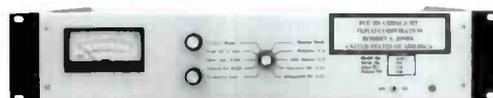
J-317

J300 SERIES
FM Translators

Tepco has been providing FM translators to the broadcast marketplace for over 2 decades. They still maintain their excellent service reputation and have a genuine interest in providing customers with high quality, affordable equipment, expeditious delivery, friendly advice and timely information.

Tepco's J-317 and J-340 are not merely converted exciters or baseband units, but are dual heterodyne conversion FM translators. They both employ optimized, time proven circuits which Tepco has been using for many years. Both units utilize a MOSFET front end, dual gate mixing, state of the art ceramic IF filter network, two independent AGC loops, five stages of limiting and positive muting action. The output power stage on both units is protected in the event of serious load changes. An optional built-in exciter is also available for inserting locally originated announcements, if needed. Both units meet or exceed FCC part 74 requirements. The J-317 is type accepted for 5-12 watts, the J-340 is type accepted for 10-40 watts. Both units are also approved to drive higher output amplifiers such as Tepco's J-3250, 250 watt amplifier.

J-317 Mfr. List $2,622.00	**Call For BSW Price**	
J-340 Mfr. List $4,495.00	**Call For BSW Price**	
J-3250 Mfr. List $3,500.00	**Call For BSW Price**	

BROADCAST ELECTRONICS / ERI

BESP/BEMP/BELP
FM Antenna

You can count on years of rugged performance with Broadcast Electronics/ERI Series of high, medium and low power FM antennas. The BESP (super power) and BEMP (medium power) both feature circular polarization, high input power ratings and a number of mounting options to fit any application. The BELP (low power) antennas utilize horizontally polarized radiators.

Available On A Regional Basis Only
Call BSW For Prices And Availability In Your Area

DIELECTRIC

FM Antennas

With manufacturing experience of over 45 years, first exclusively with RCA and then direct, Dielectric continues to be in the forefront in providing high quality broadcast antennas worldwide with competiteve pricing.

Call BSW For Prices And Specifications

ERI

FM Antennas

ERI is the only manufacturer to use large diameter outer conductors and a completely enclosed, pressurized, internal series feed system. The result is a very simple and reliable method of coupling power to the elements. ERI's Series fed antenna does not require a troublesome secondary current loop for element excitation with all the resulting disadvantages. The ERI patented design results in greatly increased single element impedance bandwidth. Specific applications have been measured in excess of 15 MHz at 1.5:1 VSWR points.

Call BSW For Prices And Specifications

JAMPRO

The JHCP antenna is a circularly polarized FM antenna for the broadcaster who wants extremely high-input power capability, coupled with the patented design that has become an industry standard. This design is sophisticated in concept yet simple in execution. Each bay consists of a radiating element with its associated 6 1/8" (15.56 cm) interbay feed line. The element and line are supported by a heavy brass casting which is attached to the support structure by its mounting bracket.

The JHCP antenna is conservatively rated at 30 kW per bay, with a maximum system rating of 80 kW for three bays and above. These ratings are reduced well below both the average and peak power ratings for the power distribution system, with corona and high voltage arcing problems eliminated by the use of very low Q radiating elements.

Call BSW For Prices And Specifications

SHIVELY

FM Antennas

A good antenna is crucial to quality broadcasting. An antenna that is merely adequate will compromise the performance of even the best studio equipment and transmitter.

Shively regularly includes standard features that other companies either provide only as options or simply do not offer.
• Pressure relief valves which allow purging of the entire system at any time, without climbing the tower.
• Custom designed, solid steel mounting brackets for each installation, instead of chains, as are commonly used.
• Individually grounded bays which give maximum protection to transmission lines from lightning damage without the need to purchase shorting stubs.

Shively engineering expertise and quality components further enhance performance.

Call BSW For Prices And Specifications

ALTRONIC RESEARCH INC.

RF Coaxial Load Resistors

Altronic Research, Inc. manufactures the Omegaline RF coaxial load resistors (dummy loads). These are economical, lightweight, portable dummy loads for terminating coaxial transmission lines and are available in air or water cooled models.

Prices Based On Configuration

DIELECTRIC

RF Products

Dielectric manufactures a number of high quality RF related products including dehydrators, switches, loads, isocouplers, antennas and more.

Call BSW For More Information

ELECTRO IMPULSE

RF Coaxial Loads

Electro Impulse is a leading supplier of specialized equipment for the communications and broadcast industries such as dry, forced air cooled loads, termination type power meters and attenuators. Call us with your requitements.

Prices Based On Configuration

KINTRONIC LABORATORIES

Isocouplers

Kintronic Laboratories Isocouplers provide versatility to existing AM radiating elements by allowing for installation of transmit/receive, FM/TV antennas operating in the frequency range of 30-1000 MHz without disrupting AM antenna characteristics.

Pricing Based On Configuration

MODULATION SCIENCES

CLD2504
Composite Distribution Amplifier

Modulation Science's one-in four-out Composite DA lets you continuously and simultaneously drive dual main transmitters, back-up transmitters, alternate processor setups, etc.

Mfr. List $950.00   **Call For BSW Price**

ROHN

Towers/Shelters

Allow BSW and Rohn the opportunity to give you a quote on your tower and shelter requirements. BSW can supply quotes for complete tower systems, individual tower components and shelters with or without complete environmental control systems.

Prices Based On Applications

SVETLANA

Power Grid Tubes

Well-engineered, carefully-constructed Svetlana tubes are available at all power levels up to and exceeding one megawatt, including high-performance triodes, tetrodes and pentodes. Shown above is the 4CX15000A/8281

Call For BSW Pricing And Configurations

TWR

Lighting Equipment

BSW sells a variety of tower lighting products including light fixtures, controllers, flashers and replacement bulbs.

Call For BSW Pricing And Configurations

ANDREW

The Andrew Corporation, the world leader in the design and manufacture of communications equipment and systems, is well known in the radio broadcast community for supplying high quality transmission cable and related accessories. BSW is proud to represent a complete line of products for all your transmission cabling requirements including HELIAX® foam and air-dielectric cable connectors and accessories, rigid transmission line and accessories, and STL antennas.

A BSW technician prepares a custom cable from in-stock components at our Tacoma warehouse.

BSW is a stocking distributor of Andrew HELIAX® cable in 1/2" and 7/8" diameters, perfect for those times when your need for transmission line can't wait. Our factory trained technical staff can custom install Andrew connectors on your cable so you don't have to.

BSW offers competitive pricing and wide selection of Andrew products. Try us out on your next project or emergency.

Call BSW Toll Free With Your Requirements

CABLEWAVE

Cablewave Systems is dedicated to the design and manufacture of RF related products including: aluminum and fiberglass parabolic microwave antennas, Flexwell and Cellflex low loss coaxial cables, rigid coaxial lines, Flexwell elliptical waveguides, connectors, pressurization equipment, and RF associated accessories. BSW carries the complete line of Cablewave products and can supply the proper products for any situation.

Call BSW Toll Free With Your Requirements

DIELECTRIC
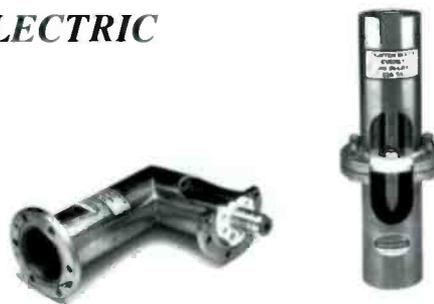
Dielectric is the worlds largest manufacturer of rigid coaxial transmission line. They have been supplying transmission line to communications professionals since the early 1940's. Many of Dielectric's early systems are still in operation after years of use and exposure to the elements.

Call BSW For Information And Specifications

MYAT

Myat has been designing and manufacturing transmission line and components that deliver exceptional efficiency, high velocity and low attenuation. Myat rigid line sections and components are drawn from the purest, highest quality copper or aluminum stock available and are thoroughly factory-tested using the most advanced equipment. Every Myat line section or RF component is guaranteed to meet or exceed published specifications. Myat also maintains an extensive inventory so BSW can respond to your call for transmission line in short order.

**Call BSW For Information, Specifications And Pricing**

BROADCAST TOOLS

SCC8
Satellite Channel Controller

The SCC-8 provides remote channel selection for DAT-SEDAT digital audio decoder cards installed in Scientific Atlanta, Comtech/Fairchild and Ariel receivers. It may be programmed to select eight DAT/SEDAT channels and subchannels on each decoder card. Channel selection is accomplished with momentary TTL/CMOS 5 volt logic levels, open collector or dry contact closures allowing control via remote control systems or switch contacts. The 2400/9600 baud serial port provides status for the two channel ports and a means of performing programming changes via modem or local computer. (Dedicated computer not required.)

Mfr. List $299.00   **Call For BSW Price**
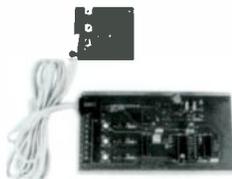
XP3
Satellite Channel Controller

The XP-3 provides remote transponder selection for Scientific Atlanta, Comtech/Fairchild and Ariel receivers. It allows selection of the three transponder channels with momentary or latched TTL/CMOS 5 volt logic levels, open collector or dry contact closures and allows control by the users remote control systems or switch contacts. The XP-3 has three jumpers to configure which transponder is selected during power-up. It is equipped with a wire captive terminal strip providing remote control and status, along with local switches for transponder selection.

Mfr. List $299.00   **Call For BSW Price**

ZEPHYRUS

700 SERIES/300 SERIES
Satellite Receivers

The Zephyrus 700 Series single or dual channel SCPC receivers offer outstanding performance and features at an affordable price. Zephyrus also manufactures a full line of electronics to receive and process baseband signals, audio and "sub-audible" tones transmitted by networks to their affiliates. The 300 Series provides a modular approach that allows you to purchase only the equipment needed for a particular application.

Call For Complete Information And Pricing

ALESIS

MONITOR ONE/MONITOR TWO
Studio Reference Monitors

Monitor One™ is a compact near-field reference speaker with wide frequency response, accurate transient reproduction, clear imaging and high power handling capability. Alesis' exclusive SuperPort™ technology and proprietary 6.5" mineral filled low frequency driver give Monitor One™ solid high-power bass transients and low frequency response extended beyond that of comparable near-field monitors. It's 1" silk-dome high frequency driver adds accurate high-end to the system.

Monitor Two™offers the same accurate tonal balance and imaging of the Monitor One™ but with a 10" three way speaker design producing a larger sound field, extra deep bass and exceptional mid frequency detail.

Both models are covered with a nonslip rubber textured laminate finish.

MONITOR ONE	**Mfr. List $399.00/pair**
MONITOR TWO	**Mfr. List $699.00/pair**

Call For BSW Prices
Available In North America Only

AUDIX

Monitor Speakers

Audix offers compact monitor speakers for virtually every application. The Mini Series offers professional sound quality in a very small enclosure. These two way systems are available with single or dual 5 1/4" woofers. Step up a level to the Studio series featuring larger woofers and improved specs, or, for the ultimate level of sound reproduction, Audix offers the Nile Series with the most advanced, high-technology materials available.

Audix also manufactures a complete line of powered monitor speakers with models ranging from ultra-compact monitors for multimedia to powerful models for critical listening applications.

Call For Complete Information And Pricing

AURATONE

5PSC

5RMC

5PSC/5RMC
Compact Monitor Speakers

Auratone speakers have gained a world-wide reputation as reference monitors that reflect realistic sound without excess coloration. The prime example is their compact monitor known as "the Cube". The current "Cube" is the model 5PSC Primo Sound Cube™.

The 5RMC is actually 3 shielded monitors contained in a three channel, three compartment ultra compact enclosure. It can be rack mounted and provides an excellent way of A/B testing of mono and stereo program sources.

5PSC	Mfr. List $150.00/pair
5RMC	Mfr. List $225.00 ea.
RM525 (Rack Mount Kit For 5MCV)	Mfr. List $9.95

Call For BSW Prices

ELECTRO-VOICE

S-40B

S-60

S-80

S SERIES
Compact Monitor Speakers

The Electro-Voice S-40 is a high-performance 2-way personal sized monitor housed in a high-impact polystyrene enclosure. It features exceptional bass response for its size, smooth, extended top end and independent protection for the woofer and tweeter. Long-term power handling is rated at 160 watts. Optional mounting hardware allows stand mounting or wall and surface placement. Available in black or white.

The S-60 and S-80 from Electro-Voice are compact, two-way constant directivity speaker systems designed for sound reinforcement and monitoring. Their small size, high sensitivity and high power-handling capability make them excellent all purpose speakers. The S-60 features a 6" woofer and a 1 1/4" tweeter with a dispersion-controlling beveled opening. The S-80 utilizes the same high frequency system with an 8" woofer and ported enclosure for extended bass. Both models feature automatic resetting tweeter protection and flexible mounting options.

S40B	Mfr. List $300.00/pair
S40MBB (Mounting Bracket)	Mfr. List $33.00
S-60	Mfr. List $229.00 ea.
S-80	Mfr. List $270.00 ea.

Call For BSW Prices

ELECTRO-VOICE

SENTRY 100A
Monitor Speakers

Just because your monitor space is limited, you don't have to compromise on sonic accuracy. The Sentry 100A is a compact, no frills speaker system. It's the oldest member of the Sentry family and has become the industry standard of reliability. The Sentry 100A delivers a flat 45 to 18,000 Hz frequency response with a wide 120° dispersion at 5,000 Hz. The Super Dome™ tweeter handles a remarkable 25 watts of input power and is matched with an 8" direct radiator woofer in an optimally vented enclosure.

SENTRY 100EL

The Sentry 100EL combines the reproduction components of the Sentry 100A with an integral high performance 50 watt power amplifier that's perfectly matched to the requirements of the speaker system.

SENTRY 100A	
Mfr. List $382.00ea.	Call For BSW Price
SENTRY 100EL	
Mfr. List $812.00ea.	Call For BSW Price

SX100
Loudspeaker

The SX100 is 200 watt, two-way, high efficiency portable speaker system with a 12" low frequency driver and a molded-in constant-directivity horn. It is lightweight (32 lbs.) and made of very durable polypropylene structural foam with molded-in handles and attachment points for secure mounting and suspending. It can be easily fitted with a tripod stand and makes an excellent loudspeaker for remote work. Its trapezoidal shape and suspension points make it perfect for flying in arrays as well.

Mfr. List $660.00	Call For BSW Price

JBL

4200 SERIES
Monitor Speakers

The 4200 Series from JBL is the shape and the sound of things to come. This radical speaker design was specifically developed for near-field monitoring. To provide maximum stereo imaging while reducing the potential for listener fatigue, the pure titanium dome tweeter and the cone transducer are offset and aimed to deliver both HF and LF information to the listening position at precisely the same instant. The 4206 has a 6 inch woofer and the 4208 contains an 8 inch woofer.

4206 Mfr. List $430.00/pair	**Call For BSW Price**
4208 Mfr. List $564.00/pair	**Call For BSW Price**

CONTROL1
CONTROL1 PLUS
CONTROL5

CONTROL SERIES
Monitor Speakers

These speakers not only sound great, they combine rugged construction with a wide variety of mounting options for maximum flexibility. The Control 1 is a two way system with a 5 1/4" low frequency speaker and a polycarbonate dome tweeter. Frequency response is 70 Hz - 20 kHz. The Control 1 PLUS uses the same enclosure as the Control 1, but uses a more powerful woofer and pure titanium diaphragm tweeter for even greater frequency range. The Control 5 monitor features a 6 1/2" woofer and larger cabinate for extended bass response. Control 8SR is a compact 2-way sound reinforcement system with 8" LF driver and flat-front Bi-Radial® horn. The Control 10 is a 3-way speaker that features a 12 inch woofer, perfect for large studios and sound reinforcement/PA applications. Control 12SR is a 2-way portable sound reinforcement system with a 12" LF driver and HF horn.

CONTROL 1	**Mfr. List $274.00/pair**
CONTROL 1 PLUS	**Mfr. List $350.00/pair**
CONTROL 5	**Mfr. List $472.00/pair**
CONTROL 8SR	**Mfr. List $598.00/pair**
CONTROL 10(LR)	**Mfr. List $672.00 ea.**
CONTROL 12SR	**Mfr. List $939.00 ea.**

Call For BSW Prices

JBL

4400A SERIES
Monitor Speakers

JBL's 4400A Series studio monitors have become one of the most frequently asked for speakers in the broadcast industry. Now JBL has improved on their solid design and introduced the 4400A Series. Included in the new Series are the 4408A (8", 2-way), 4410A (10", 3-way) and the 4412A (12", 3-way). JBL has upgraded all major components and circuitry for even smoother, more accurate audio monitoring. They've also given the new 4400A's a new look with matte grey laminate finish and charcoal grill cloth.

4408A (specify left or right)	**Mfr. List $333.00 ea.**
4410A (specify left or right)	**Mfr. List $462.00 ea.**
4412A (specify left or right)	**Mfr. List $693.00 ea.**

Call For BSW Prices

RAMSA

WSA SERIES
Loudspeakers

Ramsa loudspeakers are tough, compact, and sound great. Use them as portable monitors, for remotes, or in clubs. The durable synthetic cabinets are designed for stacking or use with floor stands or other mounting hardware.

The WSA200 features a 12 inch woofer in a ported enclosure and a high-quality compression driver mounted to a constant directivity twin bessel horn. It delivers outstanding performance from 70 Hz to beyond the audible frequency range.

The WSA80 utilizes an 8" woofer and a 1" soft-dome transducer mounted in a constant directivity horn for maximum dispersion.

For applications requiring maximum bass output add the WSA240 subwoofer (same cabinet size as the WSA200) and WSSP2 subwoofer processor.

WSA200 12 inch 2-way	**Mfr. List $775.00 ea.**
WSA240 subwoofer	**Mfr. List $650.00 ea.**
WSA80 8 inch 2-way	**Mfr. List $360.00 ea.**
WSSP2A subwoofer processor	**Mfr. List $360.00 ea.**

Call For BSW Prices

SPIRIT

ABSOLUTE 2 (XW0008)
Monitor Speakers

The Spirit Absolute 2 nearfield speaker system is designed without compromise, to provide a low cost, yet perfectly balanced and accurate solution for the most demanding monitoring situations. It offers a 6.5" woofer and 1" soft dome tweeter with magnetic shielding in a custom ported enclosure allowing use next to video monitors.

Mfr. List $459.00   **Call For BSW Price**

TANNOY

PBM/SYSTEM SERIES
Monitor Speakers

If you're dissatisfied with the sound you are getting from your current near-field monitors or are looking to step into a new category of listening accuracy, then let us suggest a set of monitors from Tannoy. Whether you choose the classic design of the PBM6.5 or PBM8 or the incredible System 6, 8, 10, or 12 with unique concentric speaker design, you can be assured of extremely high quality and accurate sound. Not only do Tannoy speakers sound good, they're built to stick around and carry a 5-year warranty.

Call BSW Today For More Information And Pricing

YAMAHA

NS10MS
Monitor Speakers

The Yamaha NS-10MS Studio speaker system has been created specifically for close-field monitoring in professional sound studios. Optimum woofer/tweeter matching and careful crossover design ensure smooth, natural transition between frequency ranges with minimum phase variation. Frequency response is remarkably flat from 60 Hz right up to 20 kHz, and superior transient response delivers crisp, transparent sound.

Mfr. List $478.00/pair   **Call For BSW Price**

YAMAHA

S8M
Monitor Speakers

The S8M is the answer for those needing an economical reference monitor with good quality. The S8M provides a smooth, flat response from 50 Hz to 20 kHz, a fully developed sound field and full stereo imaging within a few feet of the speaker. Features high sensitivity and high power handling capability.

Mfr. List $199.00/pair   **Call For BSW Price**

MS60S
Powered Monitor Speakers

This powered speaker system is perfect for remotes. Ultra-compact, powered speakers only weigh 22 lbs. and include a built-in 60 watt amp as well as a 3 input mixer (1-mic, 2-line) with tone control. Includes carrying handle and screw holes for an optional tripod mounting bracket.

Mfr. List $579.00 ea.   **Call For BSW Price**

FOSTEX

6301B
Amplified Speaker

The 6301B features a built-in 10 watt amplifier and can accept any line or instrument-level input, even from an amplifier. The 6301BEAV is a shielded version with balanced, XLR inputs. 6301BDUALRAC is an optional dual rack kit from Middle Atlantic. Fits two 6301s horizantally in three rack spaces.

6301B Mfr. List $398.00/pair   **Call For BSW Price**
6301BEAV Mfr. List $478.00/pair   **Call For BSW Price**
6301BDUALRAC Mfr. List $98.00   **Call For BSW Price**

AUDIO TECHNICA

MMS557
Powered Speaker System

These shielded self-powered speakers provide a low cost, good sounding monitor system for computer based audio systems. Features include tone controls, built-in power supply and metal desk stand. Available in black or neutral PC color.

Mfr. List $149.95/pair   Call For BSW Price

WOHLER

AMP SERIES/VM2
Amplified Speakers

Wohler Technologies offers accurate, self powered monitoring systems in compact rack mount units. These speakers provide excellent magnetic shielding with optimally focused, high fidelity sound for operators in an "ultra near field" (1' to 3') working environment. The AMP-1 series provides self-powered, full fidelity stereo monitoring in a single rack space. It's larger brother the AMP-2 offers wider frequency response from a 2RU enclosure. There's also the economical VM-2 for confidence monitoring in a single rack space. A number of optional features include visual level and phase monitoring, several input configurations, headphone output, 12V DC operation and more.

Price Based On Configuration

OMNIMOUNT

Speaker Mounting Brackets

Installing speakers is no easy task unless you use Omnimount speaker brackets. Only Omnimount offers models that allow you to mount speakers from assorted angles and locations. Weight handling ranges from 1 pound to 255 pounds. Call BSW with your requirements and we will suggest the proper Omnimount for you.

Price Based On Configuration

PIVOTELLI

Speaker Mounting Brackets

Pivotelli supports are made from the finest solid premium grade steel which is contoured at all edges and joints and coated with durable nylon finish for maximum protection. Tightly clamping grips mean you never have to drill holes in speakers or other equipment. Pivotelli supports come in a wide range of styles from simple single pivot to complex multiple pivot systems. They can accommodate cabinet sizes from 7 1/2" to 47" and weights up to 176 lbs. safely and securely.

Call BSW With Your Requirements

QUIK LOK

QL60
Speaker Mounting Bracket

Here's an economical, yet reliable way to mount speakers to the wall for permanent applications. The QL/60 offers adjustable support for speakers weighing up to 60 lbs. Unit can be mounted for right/left or up/down pivoting.

Mfr. List $49.95 ea.   Call For BSW Price

RAXXESS

SS36/SS42
Speaker Pedestals

These monitor stands are constructed from medium density fiber board and are finished with an attractive and durable Zolotone paint. The bottom can be removed so center post can be filled with sand for better acoustic isolation. The SS-36 is 36" high with a 10" square base and top, the SS-42 is 42" high with a 12" square base and top.

SS36 Mfr. List $164.95 ea.   Call For BSW Price
SS42 Mfr. List $174.95 ea.   Call For BSW Price

ARRAKIS

DeskStar Furniture

Desk*Star furniture is specifically engineered for digital audio radio studios. The line features special design for compact consoles, interview areas, video monitors, kneewells and keyboards.

Desk*Star is a modular approach to studio layout with 5 basic building blocks: 1) an "L" shaped console table, 2) a 42" high sloped equipment rack, 3) a 45 degree joining table, 4) a double pedestal cabinet, and 5) a 14" tabletop equipment rack pod. These components can be purchased and arranged in any desirable layout.

WilsonArt brand tabletop laminates and solid oak trim are combined for quality furniture that is attractive and durable, yet inexpensive.

And best of all Desk*Star is easy to assemble.

Console Table	**Mfr. List $995.00**
Sloped Equipment Rack	**Mfr. List $375.00**
45 Degree Joining Table	**Mfr. List $249.00**
Double Pedestal Cabinet	**Mfr. List $895.00**

Call For BSW Prices

MURPHY FURNITURE

Standard features on all Murphy Furniture include oak trim on all exposed edges, a bumper base covered with a non-chip material, plexiglass panels over racks near operators feet and sloped faces on all returns. Wire management and passive ventilation systems have also been incorporated into the designs.

The Elite Series offers a curved bumper base, single level construction and total modularity.

The Premier Series has a flat bumper base, bi-level construction and offers flexibility of layout.

The Dub/Edit Station is a durable desk system with a wire management area.

The Classic Series is an economy line of furniture featuring a wire management area formed by modesty panels around the outside perimeter and aprons around the inside perimeter, 1" thick oak trimmed legs and 1 1/2" x 3/4" oak trim around the counter level. There is a square rack component that sits on the countertop. This line has no undercounter rack space.

Murphy's concept is modular construction with custom fit. The flexibility of these furniture systems will address all your needs. Delivery is 2-4 weeks depending on customization required. This furniture will be shipped RTA" (Ready To Assemble) via van line carriers. Customization of any system component is available.

Call BSW For Pricing And Configuration

NIGEL B. FURNITURE

Nigel B. furniture is designed with a building block approach to allow for personalized configurations at a fraction of the cost of custom built systems. These components are of highest quality and guaranteed for life. Systems range from elaborate work systems to simple edit/dub stations, with an infinite number of combinations in between.

Each component is made with superior grade cold rolled steel between .06" - .125" thick and load tested to handle any audio or video equipment. Once formed and welded, each steel part is carefully ground and sanded, then finished with scratch resistant, oven baked enamel. Desk tops are formed in one piece with rolled edges for comfort and safety.

Forget about waiting weeks for your furniture, with Nigel B. most items are in stock and will ship within 48 hours of receipt of order from BSW. Their pack flat approach means lower shipping costs and many items can ship UPS.

Shown at left is the Single Desk with glass door, monitor bridge and speaker bracket options, and the Mobile Production Station with overbridge and optional DM800 shelf and microphone bracket.

Call BSW Today For A 38 Page Catalog Showing The Complete Line Of Nigel B. Furniture.

SINGLE DESK

MOBILE WORKSTATION

PACIFIC RECORDERS

Pacific Recorders & Engineering is renowned for building custom one-of-a-kind "showcase" studio cabinetry for major stations and networks. Their extensive systems design heritage brings to you a level of experience unduplicated in the industry. Each custom cabinet is specifically designed to accommodate your unique requirement of function, architectural space, equipment placement and interior design.

PRIMELINE ™ Standard Cabinetry is the answer for stations not requiring complete custom packages. PRIMELINE takes the most popular features from PR&E's custom design experience and puts it into an elegant, yet, cost-effective package.

Call BSW Today For A Catalog Showing The Complete Line Of PR&E Furniture.

CUSTOM FURNITURE

PRIMELINE SERIES

MIDDLE ATLANTIC

Equipment Racks And Accessories

Middle Atlantic steel equipment racks offer rack solutions for every type of application and budget, from a series of gangable, welded frame racks to the cost-effective, knock-down Slim-5 and even a series of sectional wall racks and desktop turrets. Also available is a series of racks with a unique slide out mechanism to give you unrestricted access to the back of the rack, even when the racks are recessed into a closet or interior wall.

There's also a wide variety of rack accessory items available from Middle Atlantic that facilitate the mounting of just about anything into a standard 19" equipment rack. They feature a complete line of rack shelves, both stock and custom sizes, to fit virtually any piece of equipment. There's a family of storage products including rack drawers and holders for CDs, DATs, cassettes and LPs. They also feature a complete line of rack panels including plain blank panels, vent panels, security covers, and custom drilled panels to accommodate the most popular connectors.

Let a BSW representative help you address the rack need you have with Middle Atlantic products. Ask for a complete line catalog when you call.

**Call BSW For Configuration And Pricing**
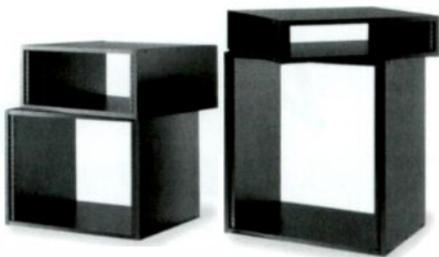
RK SERIES
Equipment Racks

High quality, inexpensive equipment racks. Ship flat for easy storage. Assemble quickly with included allen key. Decorative screw caps snap on. Constructed of 5/8" thick, high density particle board, covered with laminate. Rack rails are 1/8" thick black baked enamel steel, tapped full hole spacing to fit all equipment. Rear rack rail option available. 15 7/8" Deep.

RK8 14" (8 space)	**Mfr. List $120.00**
RK12 21" (12 space)	**Mfr. List $127.00**
RK16 28" (16 space)	**Mfr. List $138.00**
RK20 35" (20 space)	**Mfr. List $153.50**

Call For BSW Prices

NIGEL B.
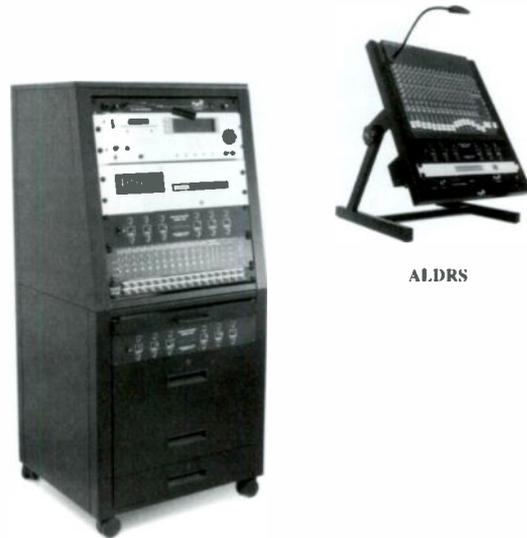
ALDRS

STU10

Equipment Racks And Accessories

In addition to making high quality furniture, Nigel B. makes equipment racks and accessories. Shown above are the Audio Tallboy rack (STU-10) with 12 rack spaces below and 12 rack spaces on the slanted top portion, AL-DRS desk top equipment rack with 13RU of space that allows your equipment to be tilted to any desired angle.

STU10	**Mfr. List $649.95**
ALDRS	**Mfr. List $199.95**

Call For BSW Prices

Rack Storage Drawers

Now you can fill up those empty spaces in your rack with space saving storage racks from Nigel B. Choose from Dat, CD, Cassette, and empty storage. Lock sets may be purchased for added security. All drawers feature adjustable mounting brackets allowing them to fit in any depth rack regardless of manufacturer. Load capacity is 100 pounds.

2D18 Empty Storage (2 Rack Spaces)	**Mfr. List $149.95**
3D18 Empty Storage (3 Rack Spaces)	**Mfr. List $159.95**
4D18 Empty Storage (4 Rack Spaces)	**Mfr. List $169.95**
2DATD Dat (Holds 95 Tapes) 2 Spaces	**Mfr. List $179.95**
AC3D Cassette (Holds 64 Tapes) 3 Spaces	**Mfr. List $169.95**
4CD CD Storage (Holds 64 Tapes) 4 Spaces	**Mfr. List $189.95**

Call For BSW Prices

OMNIRAX

Rack Furniture

Omnirax offers several unique studio furniture components that can be combined for a number of furniture system configurations specifically designed for use in audio production rooms. From simple roll around rack units to complete digital workstation furniture systems like the ProStation™ pictured above, Omnirax has something for almost any application and budget. All Omnirax products are available in a choice of colored laminates and come complete, ready to assemble with all hardware and instructions.

Call BSW For Product Descriptions And Pricing

M/C Junior Workstation

Here is a terrific, inexpensive workstation assembly that is perfect for small studios, newsrooms, etc. The M/C Junior includes overbridge (2-4 space racks) for rack mount gear and a durable table top that allows a full 23" of workable depth on desktop forward of bridge. Ready to assemble with all the hardware including castors.. Overall dimensions: 451/2" H x 36" D x 40 1/2" W.

Mfr. List $399.95   **Call For BSW Price**

TT104 Table Top Rack

This table top rack is perfect for use with small mixers such as the Mackie CR1604. Sloped top and 3 1/2" wide padded black wrist pad for comfortable slider adjustments. Overbridge has 4 rack spaces.

Mfr. List $169.95   **Call For BSW Price**

QUIK LOK

RS955/RS956/RS957 Equipment Racks

Quik Lok offers an alternative to expensive rack cabinets with heavy duty metal tube construction equipment racks. The RS955 and RS956 are lightweight rack modules that hold up to 10 rack units each. Modules can be stacked up to three high for a total of 30 rack units of space. Both models are identical except that the RS955 has castors.

The RS957 is an 8 space, table top rack that is ruggedly built and includes rubber feet for secure placement that won't scratch counter tops. All units are UPS shippable.

RS955 Mfr. List $159.95	**Call For BSW Price**
RS956 Mfr. List $139.95	**Call For BSW Price**
RS957 Mfr. List $69.95	**Call For BSW Price**

Z200

Z700

Z SERIES Workstations

Designer Series workstations feature sleek styling and sturdy construction. All models feature reinforced scratch-restant 3/4" thick Formica laminate tabletops and shelves with rounded corners. Rigidly constructed with arc welded heavy duty steel legs and crossbars. Ready to assemble with all the hardware included. Grey color.

Available in left angle, right angle, or centered configurations.
**Call For BSW Prices**

RAXXESS

Converta Raxx
Equipment Racks

Converta Raxx that allows you to consolidate all of your rack mount equipment for remotes into one compact unit. Under the top cover is a 10 space rack that can be moved to any of 8 different stops from zero to 45 degrees, providing the perfect operating angle for a rack mount mixer. Removing the front cover allows use of 6 or 10 more spaces for mounting equipment. Remove the rear cover for easy access to power cables and patch points. All Converta Raxx models feature rugged plywood construction and grey carpet or black laminate covering. Nickel-plated latches, corners, and spring loaded handles finish off these unique racks.

CONVERTARAX From $189.00 Mfr. List
Call For Information And Pricing
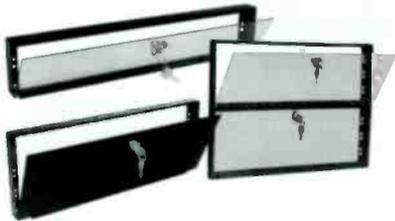
Security Covers

Protect your equipment from busy fingers. Raxxess security covers come in a variety of sizes. Locking units available in two, four, and 8 space versions provide the ultimate in security for your rack mounted devices. Heavy guage steel frame construction. Front panel is either black steel or see thru Lexan. (8 space requires 2 lexan panels only.)

Call For BSW Prices

ROK SAK

Rack Bags

Perfect for protecting your rack mounted gear while on the road. These rack bags have front and rear zippered openings, are constructed with hi-impact plastic and protected by tough cordura fabric outershell. Bottom skids protect material. Houses equipment 17 3/4" deep.

RC2RW	2 Rack Spaces	Mfr. List $54.95
RC4RW	4 Rack Spaces	Mfr. List $69.95

Call For BSW Prices

SOUNDOLIER

100 SERIES
Equipment Racks

100 Series rack cabinets from Soundolier are cost effective and come in pre-welded and knocked down versions in a number of sizes and colors. Units come with standard rack rails tapped 10-32, louvered side panels, and louvered, locking rear door. Call BSW with the size and features of rack you require for a proper price quotation.

Pricing Based On Configuration

900 SERIES
Equipment Racks

Ship your equipment rack by UPS? ..No problem. The 900 Series racks are easy to assemble in stackable frames for the perfect rack in minutes. All necessary hardware is furnished and these racks are strong and durable. Frames are available in two sizes.

900-19P 19" high **Mfr. List $140.00   Call For BSW Price**
900-28P 28" high **Mfr. List $155.00   Call For BSW Price**

BSW

RR10 ROCK N'ROLLER
Hand Truck/Dolly

The RR10 Rock N' Roller® Supercart combines the space-saving advantages of a lightweight, foldable, luggage cart with the big load capacity of an industrial size 4-wheel dolly that can hold up to 500 pounds of equipment. In the upright position Rock N' Roller is a heavy duty handtruck with long forks. Laying down it's a 4-wheel cart that expands in length from 34" to 52" long.

Mfr. List $195.95   Call For BSW Price

BEST

Power Protection

Best is the world's largest manufacturer of single-phase UPS (uninteruptable power supplies) and BSW can quote you on a number of Best products ranging from the most compact systems for desk top computer to larger systems that can handle all your critical power needs.

Call With Your Requirements And Ask For BSW Pricing

DR. FERD
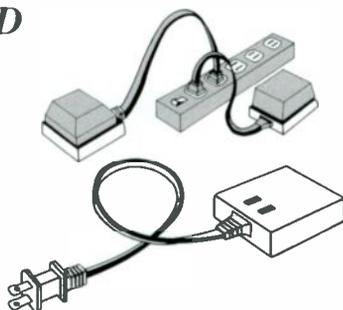
DR. FERD'S WART REMOVER
AC Transformer Extender

Here's a quick and easy answer for those frustrating "wall wart" power supply transformers that always cover up the receptacles in your power strip. The Wart Remover takes the bulky housing of the transformer away from the power strip. Sturdy receptacle base comes with adhesive backing strip.

PSA Wart Remover **BSW Price $6.88**

EFI

Power Protection

EFI provides power protection products from hard wired service entry panels designed to protect your environment against sudden surges in your incoming service, to small power strips for protecting equipment in the racks, to individual components that protect data, FAX and telephone lines. EFI also has a line of uninterruptible power supplies (UPS) to protect your computer and microprocessor-controlled equipment from memory loss when power is down. All EFI products have an unbeatable warranty that includes equipment replacement cost in most cases.

Call With Your Requirements And Ask For BSW Pricing

FURMAN

PL8PLUS/PL8
Power Conditioner/Light Module

The Furman Power Conditioner and Light Module is the perfect accessory to any rack-mount system. Install in the top slot of your rack, and the eight switched AC outlets on the rear panel will power up all you equipment while its two slide-out light fixtures provide discrete, shadow-free illumination. A dimmer control lets you adjust the lamp brightness to just the right level. Protects your equipment by combining a high voltage surge/transient suppressor with an RFI/EMI interference filter to keep out high level power spikes and lower level electronic noise. PL8PLUS features front panel line voltage indicator.

PL8PLUS Mfr. List $229.00		Call For BSW Price
PL8	Mfr. List $159.00	Call For BSW Price

AR-PRO
Worldwide AC Line Voltage Regulator

The AR-PRO voltage regulator accepts single phase input AC voltages within two capture ranges (88-134 or 170-264 volts) and converts them to the North American standard 120 volts (±4%). This unit is ideal for situations where local power is unstable, or for use worldwide to convert different voltage levels to be compatible with equipment requiring 120V power. AC-Pro includes twelve AC outlets on its rear panel and two in the front panel, each featuring spike and RFI protection.

Mfr. List $2,295.00   **Call For BSW Price**

ETA

PD8L/PD8
Power Conditioner/Light Module

ETA Systems offer incoming power spike, noise filtration and surge protection all in a 19" rack mount package. Full 15 AMP, 1800 Watt output with 8 protected U-ground power outlets located on the back panel. Rated to protect up to a 6000 Volt surge. Front panel LED indicator noting Go or No Go status. Model PL8L features front panel lights to light up your rack.

PD8L Mfr. List $99.00		Call For BSW Price
PD8 Mfr. List $80.00		Call For BSW Price

JUICE GOOSE

WORLDWIDE SD
International Line Conditioner

The Model SD "step-up/step-down" transformer will convert 120 volts to 240 volts and vice versa at 50 or 60 Hz. At the same time the unit can supply simultaneous power distribution of 120 and 240 volts. 2,400 volt-ampere capacity (20 amperes @ 120 volts, approximately 10 amps at 240 volts).

Mfr. List $499.00   **Call For BSW Price**

NIGEL B.

3512SPL   MHI12S

SP8LT/6MHI

Power/Lighting Accessories

Nigel B. offers a 35" 12 outlet AC power strip with full surge protection and gooseneck lamp socket that can be mounted vertically in a standard equipment rack (2 units fit in a 70" rack for 24 outlets).

Innovative power strips are available featuring triple surge protection with options including a BNC gooseneck lamp socket and a front panel telephone/modem jack with cord to give you a phone extension right in your rack.

Nigel's mini gooseneck lamp with weighted base is perfect for near-field lighting.

3512SPL (35" power strip w/surge & lamp socket)	**Mfr. List $139.95**
SP8LT (8 outlet power/light/tel. strip w/surge.)	**Mfr. List $159.95**
SP8 (8 outlet strip with full surge protection)	**Mfr. List $129.95**
6MHI (6" gooseneck lamp w/BNC connector)	**Mfr. List $37.95**
12MHI (12" gooseneck lamp w/BNC connector)	**Mfr. List $39.95**
MHI12S (12" gooseneck lamp w/base)	**Mfr. List $59.95**

Call For BSW Prices

LITTLITE

L3/12
High Intensity Light

Here's a gooseneck mounted high intensity light that features a quartz halogen bulb, a dimmer control with off position, a wall plug-in transformer with 6' cord, and permanent mounting hardware included. Perfect for illuminating turntables consoles, or equipment racks.

Mfr. List $57.00   **Call For BSW Price**

PERFECT DATA

16007/16008
Copy Holders

Holders are designed for letter, legal, and A4 size documents. A spring loaded holder clip keeps copy in place. Model 16007 features a lightweight arm for normal copy, the 16008 has a heavy-duty arm for books or stacks of copy. Both holders come with a table clamp mount. Model 16055 is an extension piece that allows the holders to accommodate wider copy.

16007 BSW Price $50.00   **16008P BSW Price $57.50**
16055 BSW Price $17.50

PROFOAM

PROFOAM
Acoustical Foam

Profoam's large sheets make installation quick and easy. Sheet size is 4 1/2' x 6' (27 square feet). Available in 2" or 3" thicknesses. Color is charcoal grey and blends with most studio surroundings. Profoam is UPS shippable so you'll save on shipping costs and time. 2 sheets per package.

PROFOAM 2"   **BSW Price $49.95 per sheet**
PROFOAM 3"   **BSW Price $64.95 per sheet**

ProFoam does not have a fire rating and may not be suitable for commercial use in certain areas. BSW will not be responsible for removal and return of acoustical foam after installation due to local building or fire codes. We are happy to provide samples and specifications upon request.

VISU-FLEX

SFT2/CDV2
Stackable Media Cabinets

Visu-Flex stackable audio-video cabinets are designed to grow as your media collection grows. These heavy gauge steel cabinets are available in two drawer "starter" and "adder" modules. Starter units ship complete with a finished steel top. Adjustable drawer dividers are included so you can mix different media in the same cabinet, or even within the same drawer. The SFT modules are 9 5/8" H x 20" W x 18 1/4" D and hold 270 DAT cassettes, 152 8mm cassettes, or 192 audio cassettes. The CDV modules are the same width and depth, but are 15 3/16" high and hold the same quantities of DAT, 8mm and standard audio cassettes as well as 52 VHS cassettes or 234 CDs. CDV-MB is the optional mobile base with castors.

SFT-2S "starter"	Mfr. List $356.00
SFT-2A "adder"	Mfr. List $315.00
CDV-2S "starter"	Mfr. List $395.00
CDV-2A "adder"	Mfr. List $350.00
CDVMB mobile base	Mfr. List $283.00

Call For BSW Prices

CD SERIES
CD Carousels

Store your CDs in style with these heavy gauge steel Visu-Flex CD carousels. The CD tower holds 160 CDs. The CD-48 is a stackable desktop carousel module that holds 48 CDs with an optional locking smoked plastic security cover (LC-2). The CD-160 holds 160 CDs and the CD-320 holds 320 CDs. Optional mobile base is CD-MB.

CDTOWER	Mfr. List $277.00
CD48S "starter"	Mfr. List $246.00
CD48A "adder"	Mfr. List $202.00
LC2 locking cover	Mfr. List $44.00
CD160S "starter"	Mfr. List $434.00
CD160A "adder"	Mfr. List $372.00
CD320S "starter"	Mfr. List $542.00
CD320A "adder"	Mfr. List $480.00
CDMB mobile base	Mfr. List $283.00

Call For BSW Prices

ABCO

(A) Wire Cart/CD Racks

Sturdy carousels with the familiar gold wire construction

300 (Holds 300 carts)	Mfr. List $446.25
500 (Holds 500 carts)	Mfr. List $691.95
280 (Holds 280 CDs)	Mfr. List $397.95
560 (Holds 560 CDs)	Mfr. List $727.60

Call For BSW Prices

BSW

(B) AW20 Cart Rack

Holds 20 carts, made of high impact polystyrene, great for wall mounting. Includes mounting screws.

BSW Price $14.25 (Quantity Discounts Available)

(C) AW40 CD Rack

Holds 40 CDs. High impact polystyrene, wall mounting with mounting screws.

BSW Price $24.95

BRYCO

(D) DRP40 DAT Rack

Precision formed, super tough plastic. Holds 40 DATs.

BSW Price $21.30

SOHO

(E) CD1BLACK/CD1 SYSTEM CD Racks

These inexpensive, tough racks hold 12 CDs in each stackable, wall mountable unit. System consists of 12 units. Fits Denon cartridges.

CD1BLACK (Holds 12 CDs)	BSW Price $6.25
CD1SYSTEM (Holds 144 CDs)	BSW Price $39.95

PRORAX

Storage Racks

Hundreds of stations have specified ProRax for their cartridge, cassette and compact disc storage needs. ProRax racks are constructed of the finest quality oak or mahogany hard woods. No particle board or laminates are used. ProRax carousel models have storage on two sides instead of four, allowing for easier indexing and location. The turning radius is smaller so less countertop or floor space is required. With over 17 models to choose from, we are sure to have the ProRax just right for your operation. Most models are in stock for immediate delivery.

A.   B.   C.

MODEL	DESCRIPTION	WALNUT	OAK
A. W20	Cartridge / Wall Mount - 20 space - 5 1/4"W x 24 1/2"H x 4 3/4"D	$59.00	N/A
B. W100	Cartridge / Wall Mount - 100 space - 23 1/2"W x 24 1/2"H x 4 3/4"D	$99.95	$112.00
C. C40	Cartridge / Carousel - 40 space - 13 3/4"H - Turning Radius 13 3/8"	$79.00	$85.00
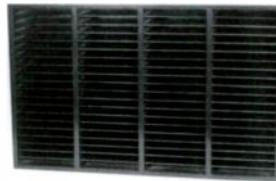
D.   F.   G.   H.

MODEL	DESCRIPTION	WALNUT	OAK
D. C80	Cartridge / Carousel - 80 space - 25 1/2"H - Turning Radius 13 1/2"	$117.00	N/A
F. CD20W	CD / Wall Mount - 20 space - 6 1/4"W x 16 1/2"H x 4 3/4"D	$42.00	$50.00
G. CD80W	CD / Wall Mount - 80 space - 23 1/4"W x 15 1/8"H x 4 5/8"D	$95.00	$110.00
H. CD40LS	CD / Carousel - 40 space - 9 1/4"H - Turning Radius 11 3/8"	$89.00	$99.95
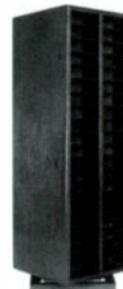
I.   J.   K.

MODEL	DESCRIPTION	WALNUT	OAK
I. CS80W	Cassette / Wall Mount - 80 space - 20 3/16"W x 24 1/2"H x 3"D	$79.00	$89.00
J. DR60W	DAT / Wall Mount - 60 space - 23 1/2"H x 12 3/8"W x 2 1/2"D	$62.00	$79.00
K. DR80LS	DAT / Carousel - 80 space - 25 1/2" - Turning Radius 11 3/4"	$99.00	N/A

FIDELIPAC

340 SERIES
Warning Lights

The standard warning light used nationwide. Back-lit red letters on black backround. Available in several languages. Dimensions: 5"H x 10"W x 2 1/2"D. 120 volt

65340 (On air)	Mfr. List $80.00	Call For BSW Price
340REC (Recording)	Mfr. List $80.00	Call For BSW Price

PROLITE

AP

RC

AW
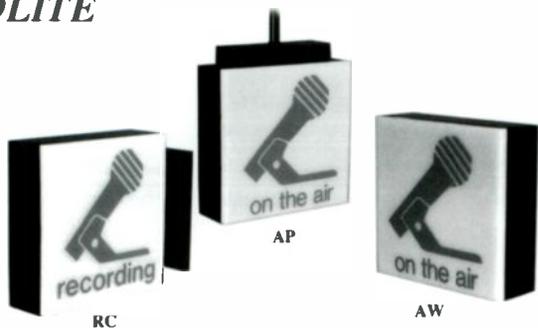
Warning Lights

Designed to fit a variety of interior specifications, the Prolite Architectural Series lights are attractive as well as functional to warn that a microphone is on. Housing and canopy are triple ground, cast aluminum with a baked, matte black enamel finish. Dimensions are 7 1/2" square. Two 20W, 6 1/2" long life lamps are supplied. 120 volts required for operation. Choose from 3 configurations with either "on the air" or "recording" symbols.

AW ("On the air")	
RW ("Recording") Flat Wall Single Lens	BSW Price $99.00
AP ("On the air")	
RP ("Recording") Ceiling Pendant Double Lens	BSW Price $115.00
AC ("On the air")	
RC ("Recording") Extended Wall/Ceiling Double Lens	BSW Price $115.00
Extra Lenses (Specify On air or Rec.)	BSW Price $14.95

L101
Warning Light

Prolite L101 is a great on air light when space is the most important consideration. The L101 fits in a standard single duplex electrical box. It operates on 12 volt DC (power supply not included). Plastic lens is available in white or red color (specify).

BSW Price $22.95

TITUS TECHNICAL LABS

OAL SERIES
Warning Lights

Provides the broadcaster and recording studio with a beautiful but practical means of indicating that a studio is in use. These lights feature a smoked glass window mounted in either a gold or silver frame which is attached to a solid wood mounting base. Oak is the standard wood used but custom woods are available. The warning "ON AIR" or "RECORDING" only appears when illuminated and is blacked out when not in use. Orientation is either vertical or horizontal and wiring is class-2 type low voltage.

BSW Price $118.75

ENBERG

BA6RX

BA6RXR

BA6
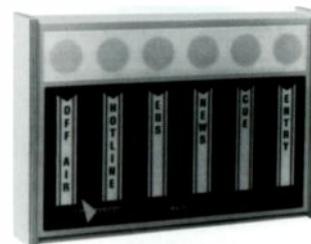
BA6 SERIES
Alert Monitors

Off the Air... EBS warning...Telephone hotline ringing? Find out visually in an instant with the BA6 from Enberg Electronics. This practical device is attractive as well as functional and interfaces with a variety of equipment to immediately inform you of status. Features 3 modes of operation, flashing 4,000 hour indicators, opto-isolated inputs and solid state relays. The BA6RX is a rack mount version of the BA6 and is only 2U high. Both are capable of driving remote displays and come with the FN6 phone module for signaling incoming phone calls.

BA6 (Includes FN6 and Labels)	Mfr. List $379.00
BA6R (Remote)	Mfr. List $199.00
BA6RX (Rack Mount Monitor-Includes FN6)	Mfr. List $379.00
BA6RXR (Rack Mount Remote)	Mfr. List $119.00
FN6 (Phone Module)	Mfr. List $35.00
CQ3 (Cue Monitor)	Mfr. List $199.00
Call For BSW Prices	

ATI

BGD SERIES
Bargraph Meters

Economically display up to 12 audio lines in a single rack space. Available in two channel horizontal or four channel vertical configurations.

BGD200 Horizontal 2 Channel	**Mfr. List $329.00**
BGD400 Vertical 4 Channel	**Mfr. List $389.00**
	Call For BSW Prices

DORROUGH

40A
Loudness Monitor

Dorrough loudness monitors uses an easy to read 40 LED scale to display the actual energy content of program audio with both peak and "persistence" readings on the same meter.

Mfr. List $475.00   **Call For BSW Price**

ESE

ES-215   **ES-216**

ES-215/ES-216
Audio Level Indicators

Available in either peak reading or VU. Model 215 monitors levels from -25 to +4 with 14 LEDs. Model 216 monitors levels from -20 to +3 with 10 LEDs. Several rack mount options available.

ES-215 Mfr. List $138.00	**Call For BSW Price**
ES-216 Mfr. List $66.00	**Call For BSW Price**

RDL

RUSM12
Dual Audio Meter

Precision audio level metering. Features: 12 segment display for 2 audio channels, selectable peak or average metering, peak L+R/L-R metering, 1/3 rack width, rack options available. Requires PS24A power supply.

Mfr. List $183.00   **Call For BSW Price**

BROADCAST TOOLS
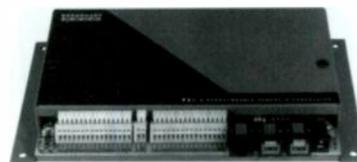
PSC
Programmable Schedule Controller

The PSC is a microprocessor based real-time schedule controller capable of up to 160 events controlling any of 20 SPST relays. The events may be scheduled by the hour, minute, second, month, day, and year (with auto leap year). The PSC features a 60 hertz line time base, with a typical accuracy of 3 seconds per month. It is also equipped with a network time sync input to allow synchronizing. Programming is stored in EEprom memory with a 10 year data retention. Relays are brought out to captive wire terminals.

Mfr. List $399.00   **Call For BSW Price**

ESE

ES185
GPS Master Clock

The ES185 master clock/time code generator features a 6-channel GPS receiver for maximum accuracy (130 nanosecond) anywhere in the world. It provides outputs for SMPTE/EBU, IRIG-B, ASCII (RS232C) and ESE time code. Additional features include .56" display; rugged IRU chassis; indoor/outdoor antenna with cable; automatic daylight savings correction; timezone offset; four hour battery back-up and more. Choose from a variety of slave clocks and timers to work with the ES185.

Mfr. List $2,495.00   **Call For BSW Price**

LX520
Studio Clock/Timer

The LX520 is a 4-digit, 60 minute timer with .56" amber LED displays. Three front mounted switches (Start, Stop, Reset) are used to control the unit. The timer can also be remotely operated by a rear connector.

Mfr. List $279.00   **Call For BSW Price**

EVENTIDE

ECW40
Master Clock

Eventide harnesess the power of GPS (Global Positioning Satellite) to an accurate master clock system. The ECW40 can supply the time reference for a variey of timing interfaces and includes multiple outputs such as RS232, IRIG E, IRIG B, and optional boards provide SMPTE and Ethernet connections. Accuracy is maintained to within plus or minus 1 microsecond.

Mfr. List $1,495.00   **Call For BSW Price**

RADIX

ST500
10 Hour Programmable Up/Down Timer

Perfect for control room, production or news room. Time events to 9 hour 59 minutes 59 seconds. Large—Highly visible red display digits are 1/2" high. Rear terminal strip interface allows remote start, stop and reset. Powerful microprocessor allows preset times from memory to count up or down. Outstanding value.

BSW Price $199.00

SETH THOMAS
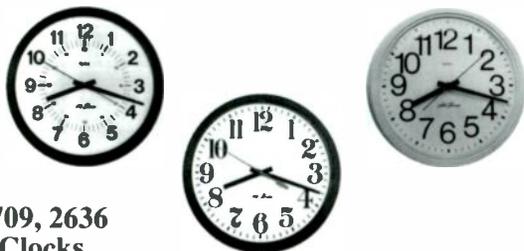
710, 709, 2636
Wall Clocks

The Seth Thomas 710 is our most popular clock for studios. Quartz control assures accurate time. Battery powered by one "AA" cell that will last over a year. Brown case, 14" diameter. red sweep hand.

The Model 709 is AC powered and easy to read from a distance. Diameter is 14" in a brown molded case.

Model 2636 features quartz accuracy and extra bold dial graphics. Popular 14" case size is light beige in color. Shatter resistant, crystal face cover. Red sweep second hand. Uses one AA battery.

710	Mfr. List $37.00	Call For BSW Price
709	Mfr. List $26.00	Call For BSW Price
2636	Mfr. List $37.00	Call For BSW Price

DAVIS

WEATHER MONITOR II
Weather Monitoring System

The Davis Weather Monitor II™ is a cost effective weather station that allows you to monitor weather conditions at the push of a button. Weather Monitor II gives you the most requested features of a sophisticated weather station such as outside temperature with high /low temp., 12 or 24 hour clock with date, wind direction, wind speed, wind chill, barometric pressure with memory and optional outside humidity and dew point. With the optional rain collector you can measure daily and accumulated rainfall. Weatherlink software option allows you to process and store data through your PC or MAC. System comes complete with anemometer, 40' of cable, external temp. sensor w/25' of cable, junction box w/8' of cable, AC adaptor and instructions.

Weather Monitor II	**Mfr. List $395.00**
7859 (external temp./humidity sensor)	**Mfr. List $125.00**
7852 (rain collector)	**Mfr. List $75.00**
	Call For BSW Prices

RAINWISE
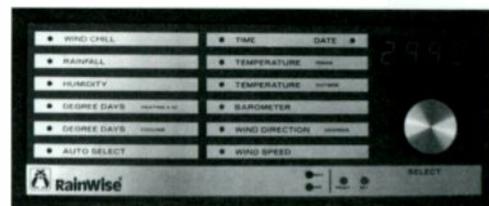
WS1000C
Weather Monitoring System

The WS1000C provides digital readout for time, indoor and outdoor temperature, barometric pressure, wind direction, wind speed, wind chill, rainfall and accumulates, degree/day heating, and degree/day cooling throughout the year. Maximums and minimums are provided for any desired period to the nearest hour, day, and month. The unit is 7" high, 17 1/2" long, 1 1/2" deep, and may be mounted without cutting a hole in the wall. The unit uses a low voltage transformer that plugs into a standard AC receptacle. Optional battery pack available. Computer compatible models available.

WS1000C (With 100' Cable)   **Mfr. List $990.00**
Call For BSW Price

RODCO

COMPUTEMP 5
Time/Temperature Monitor

This unit accurately monitors outdoor and indoor temperatures and time of day. Features: Temperature alarm alerts to any predetermined setting • 14-hour memory of daily high and low temperatures and the exact time of the occurrence • Continually alternating LED display
• Battery back-up system to retain memory • Removable temperature sensors • Optional rotary switch for monitoring up to nine locations • 30 feet outdoor cable standard (additional lengths available).

BSW Price $89.95

SINE SYSTEMS

TIME TEMP THING
Time/Temperature Announcer

The Time-Temp Thing is a rackmounted device that can speak the time, the temperature, or both, upon command from your automation system. It even automatically changes the way it speaks the information so it doesn't sound like a machine. Interfacing the Time-Temp Thing to most automation systems is simple. A contact closure or open-collector output is all it needs to begin speaking. When it is finished speaking it gives a momentary contact closure back to the automation system. Now you can schedule time and temperature announcements right along with other programming to add interest and believability to your automated programming.

BSW Price $599.00

TELTEK

INFORMERII
Digital Temperature Gauge

For accurate temperature reporting, we recommend the InformerII. LCD display operates on one AA battery (replace yearly). Records high and low temperatures in memory. Very accurate and works in high RF fields. Includes 50 feet of cable for outside probe (additional lengths available)

BSW Price $59.00

ADTRAN

ISU128/ISU2X64
ISDN Service Units

AdTran ISDN terminal adaptors provide a cost effective way to utilize digital audio codecs with standard ISDN basic rate service.

The ISU128 is a stand-alone ISDN service unit that connects data terminal equipment such as audio codecs to the ISDN network. It offers 128 kbps of dialed bandwidth and includes built-in network termination, eliminating the need and expense of an NT1.

The ISU2X64 is a dual port ISDN service unit, capable of supporting two independent channels with 64 kbps bandwidth each. The "U" version also includes an integrated NT1.

Both the ISU128 and the ISU2X64 carry a 5 year warranty.

Other Adtran network products including DSU/CSUs for SW56 and T1 are available from BSW.

ISU128 with NT1	**Mfr. List $995.00**
ISU2X64 U-interface with NT1	**Mfr. List $1,275.00**

Call For BSW Prices

AEQ

ACD3.000
Digital Audio Codec

The ACD-3.000 digital audio codec offers full duplex operation and up to 13 kHz audio bandwidth utilizing 56 or 64 kb/s services. This codec makes use of the G.722 and ISO/MPEG Layer II compression algorithms in a wide range of operating modes and combinations. There are three basic modes that can be selected for operation including a Stereo (dual) mode utilizing ISO/MPEG Layer II at a 24 kHz sampling rate yielding about 6.1 kHz bandwidth, a single mono channel utilizing ISO/MPEG Layer II for up to 13 kHz bandwidth or a single mono channel utilizing G.722 for 7.4 kHz bandwidth. Sampling rates of 16, 24, 32 and 48 kHz can be selected to yield various bandwidths for different applications. The ACD-3.000 can be synchronized manually or automatically and will reestablish sync with the last selected operating mode in the event of sync failure. It also offers the flexibility of an auxiliary data channel, at data speeds of 300 and 1200 bauds, which is available when the ISO/MPEG Layer II coding scheme is selected in one of the mono modes. A front panel loop switch provides full testing capabilities, by means of true digital loopback.

Mfr. List $2,200.00   **Call For BSW Price**

CIRCUITWERKES

AC2
Telephone Autocoupler

The AC-2's automatic features make it ideal for a variety of tasks such as listen lines, ski reports, etc. Dry relay contacts provide an interface to virtually every type of external device including cart machines. It can be combined with the DTMF-16 to form a dial-up remote control (see below for details). Features include: Auto answer and hang-up, automatic or manual control, remote pickup and hang-up control, bidirectional audio connection, automatic signal limiting and much more. An optional combination lock is available to provide secured access for the AC-2.

AC2	Mfr. List $199.00
C-LOCK Combination lock	Mfr. List $89.00

Call For BSW Prices

DTMF16/AD16
Touchtone® Decoder/Remote Control

The DTMF-16 is ideal for controlling remote satellite receivers, network switching equipment, repeaters, or virtually any control application where local control is inconvenient or impossible. 16 momentary or interlock latch outputs provided on a standard DB-37 connector. The DTMF-16 is available in its own enclosure or built into the AC-2 autocoupler.

When combined with the AC-2 the DTMF-16 is transformed into the AD-16 dial-up remote control. The AD-16 is ideal for emergency transmitter control, remote audio switching and much more. An optional four-digit combination lock is also available for additional system security.

The Silencer option board for the DTMF-16 provides an inexpensive and convenient method for using DTMF remote control tones in your program path without hearing the tones on the air. How does it work? Your remote audio feed is sent through the DTMF-16 and delayed to the output by about 55 milliseconds. The DTMF-16 decoder circuitry detects the incoming DTMF tone in real time and mutes the audio for the duration of the tone. It can detect the tone, mute the audio and fire and output in less time than it takes the delayed audio to reach the output.

Now you can fire IDs, start breaks, light up an attention flasher or control just about anything right in the program path, without getting the tones on the air. This can be used with automation systems for fully automated remote broadcasts.

DTMF16	Mfr. List $195.00
AD16 DTMF-16/AC-2	Mfr. List $339.00
C-LOCK Combination lock	Mfr. List $89.00
SILENCER DTMF mute board	Mfr. List $159.00

Call For BSW Prices

COMREX

NEXUS
Digital Audio Codec

Capable of 15 kHz as well as 7.5 low delay bi-directional mono audio over ISDN or SW56, the Nexus comes complete with a built-in terminal adaptor (TA) and NT1. It features a mic/line input and the output provides a variable mix of local program and codec return audio. Nexus has ancillary data compatibility and provides a separate data port for SW56 DSU/CSUs. This compact, rugged codec weighs in at only 4 pounds making it a must for remote talk and sports broadcasts. The Nexus is easy to set up with keypad, LCD display and memory dial.

Mfr. List $2,300.00   **Call For BSW Price**

DX100
Digital Audio Codec

DX100 is the digital audio codec of choice when highest quality with minimum compression is required. Utilizing the popular apt-X audio coding algorithm, the DX100 is capable of 15 kHz stereo transmission 256 kb/s or 15 kHz mono at 128 kb/s (as well as a variety of other rates and modes). This is a very stable algorithm with high immunity to transcoding artifacts and very low delay to facilitate program monitoring.

Mfr. List $3,000.00   **Call For BSW Price**

DXP.1/DXR.1
Digital Audio Codecs

The Model DXP.1 and DXR.1 contain an upgraded version of G.722 (Turbo G.722) that allows sending bidirectional 15 kHz audio using both B channels of an ISDN line or two SW56 circuits (112/128 kb/s). They automatically drop back to the normal 7.5 kHz when sending a 56/64 kb/s. A major advantage of G.722 is that it is a widely used international telephone standard, providing the best chance for compatibility with the outside world. These codecs are low-delay (allowing real-time program backfeed) and low in cost, both in terms of transmission data rate and hardware required. They are ideal for sports, talk or any type of mono programming.

DXP.1 Portable Codec	Mfr. List $1,500.00
DXR.1 Rack Mount Codec	Mfr. List $1,500.00

Call For BSW Prices

COMREX

DX200
Digital Audio Codecs

Comrex's most flexible digital audio codec, the DX200 allows users to send up to 20 kHz stereo audio on a single ISDN dial-up line. Select data and sample rates to optimize your audio quality at any bandwidth you choose utilizing ISO/MPEG layer II, standard G.722 coding or Turbo G.722. A built-in Inverse Multiplexer (IMUX) lets you combine two, independent 56 or 64 kb/s channels for use on SW56, ISDN or dedicated digital lines. The IMUX may be disabled for T1, satellite or wireless modem applications. Whether you're after maximum audio bandwidth, minimum delay or the highest amount of compatibility with other hardware, the DX200 has it all.

The optional DX200 Control Panel (shown above) is a 1RU panel with control buttons and LCD display. It was designed for those users who need the ability to change the DX200 settings "on the fly".

DX200	Mfr. List $3,000.00	Call For BSW Price
Control Panel	Mfr. List $300.00	Call For BSW Price

3XP.1/3XR.1
Multiline Frequency Extender

The Multiline system provides 50 Hz to 8 kHz audio on three standard dial telephone lines. The 3XP.1 Encoder is built into a rugged, portable case and features automatic dialing and "one-button" setup. Real time audio processing allows program backfeed without delay. An optional rack adaptor is available for the 3XP.1

The 3XR.1 Decoder will automatically answer and match the gains of the program lines as well as equalize each line across the full telephone band. The unit is housed in a single standard rack. An optional remote control is available to initiate dialing from the 3XR.1.

3XP.1 and 3XR.1 are compatible with all Comrex Two Line Systems.

3XP.1 Encoder	Mfr. List $4,500.00	Call For BSW Price
3XR.1 Decoder	Mfr. List $4,500.00	Call For BSW Price

COMREX

2XP/2XR
Two Line Frequency Extender

The Comrex Two Line has become a "backhaul standard" for sports and syndicated talk programming. This system gives you a full 50 Hz to 5 kHz of program audio using two regular dial-up telephone lines, and its unique noise reduction can quiet just about any phone circuit. The 2XP encoder is used with an external mixer, or for a more compact package, Comrex's STLX Sports Console includes a built-in two line encoder. The 2XR decoder requires two external couplers such as the TCB1A or TCB2A.

2XP Encoder	Mfr. List $3,500.00	Call For BSW Price
2XR Decoder	Mfr. List $3,000.00	Call For BSW Price

LXT/R
Single Line Frequency Extender

This basic system restores the low end on telephone transmissions, offering a substantial improvement for telephone remotes. This new model combines encoding/decoding functions and a telephone coupler in one unit and can be set up to send or receive with a flip of a front panel switch. A high frequency enhancement circuit has been added to the encoder for improved audio quality. Compatible with all Comrex one-line systems. An LXT/R is required on both send and receive ends of the telephone line.

Mfr. List $750.00	Call For BSW Price

TCB2A/TCB1A
Telephone Couplers

It's easy to put your audio on the phone with the TCB-2A auto-answer coupler from Comrex. Built specifically for broadcast use, the TCB-2A is perfect for listen line applications. Just plug in the standard connectors, attach the power supply and you're ready to go. Coupler answers on the first ring and disconnects when calling party hangs up.

TCB-1A broadcast coupler sends and receives program material via the switched telephone network. This unit requires no external power and connections are standard modular plugs. The TCB-1 contains an FCC registered coupler which provides isolation from hazardous voltages and currents and includes an active circuit to hold the telephone line. 1/4" jack for line level input.

TCB-2A	Mfr. List $250.00	Call For BSW Price
TCB-1A	Mfr. List $150.00	Call For BSW Price

GENTNER

TS612
Multi-line Telephone System

Gentner designed the TS612 multi-line telephone system expressly for ease of use, excellent audio quality, maximum flexibility and expandability.

The control surface on the TS612 has a handset and keypad built in so you can take on-air or off-air calls from any location. Up to 3 control surfaces can be used with a single mainframe. Out of the box it offers connection to 6 phone lines, with simple expansion to 12 lines as an option.

The TS612 is so intuitive and easy to use. For instance, to take a call off-air, just pick up the handset and select the line. If you select a line while the handset is in the cradle, the system automatically places it on the hybrid. If you're talking with someone off-air and wish to place the call on-air, just press the AIR button. Status of each line is indicated by LEDs above the line buttons. The LED glows red for on-air status, green for off-air status and flashes at different rates for ring or hold status or if the line is in use by another control surface.

Two built-in digital Superhybrids, digital audio enhancement and built-in mix minus ensure the highest quality audio with the ability to connect directly to any console.

But it doesn't stop there. These additional features expand the system's flexibility and make it a pleasure to use: control via RS232/422, a VIP button ensures that "VIPs" cannot be deselected or placed on hold, a "Next" feature that selects the call that has been waiting the longest or the next screened call, a caller mute function and two AUX buttons for controlling external equipment such as a delay dump or recorders.

TS612-6 Six line system	**Mfr. List $2,995.00**
TS612-12 Twelve line system	**Mfr. List $3,990.00**
TS612TEL Extra control surface	**Mfr. List $429.00**
	Call For BSW Prices

TS612 NETWORK INTERFACE
System Expander

The TS612 Network Interface allows you to connect multiple TS612 systems together to share telephone lines among up to 10 studios. This allows data to flow between all TS612 mainframes providing the proper status information and lock out of lines between all studios on the system.

Mfr. List $395.00   **Call For BSW Price**

GENTNER

TS612 SCREENWAIR
Call Screen Software

ScreenWair is a DOS based call screening software package for use with the TS612. It provides a data base with all the information you need to screen and air callers. ScreenWair lets you tell at a glance who is on-air, who is on hold, who is next in the caller queue, and how long everyone has been waiting or talking. Changes to the system are updated instantly. Your PC plugs into the TS612 mainframe via a supplied break-out box. A video "Y" cable is provided for connecting a talent monitor to the system.

Mfr. List $195.00   **Call For BSW Price**

TELEHYBRID
Telephone Hybrid

TeleHybrid turns your existing phone system into a "broadcast-ready" telephone system. That's right! TeleHybrid installs easily to any phone set (analog, digital, single, or multiple line) as long as the handset is detachable with a modular plug. Once connected to your studio phone, TeleHybrid will provide high quality digital nulling for full duplex audio without echo or feedback.

Operation is simple. Answer each call with the handset as you normally would. When you're ready to put the call on the air just set the handset down on TeleHybrid's pressure sensitive keypad. Pick the handset up to talk to the caller off-air and hang up the handset to disconnect the call. It's that easy!

Mfr. List $949.00   **Call For BSW Price**

TELESWITCH
Telephone Call Director

With TeleSwitch, up to five lines can be directly connected, placed on hold, and routed to a hybrid or telephone set. Conference and even record callers with the press of a button. TeleSwitch will work with most business phone systems. Installation and operation is simple as using a multi-line telephone. Control panel lights indicate whether the line is ringing, in use, on hold, or available. Unit uses standard RJ11C telephone connectors.

Mfr. List $995.00   **Call For BSW Price**

GENTNER

G2500
Digital Telephone Hybrid

Unlike other hybrids, the G2500 features an automatic mix minus allowing you to feed the program output of any console down the telephone line, even when the output contains caller audio. The G2500 automatically removes the caller audio from its feed path. Also featured in the G2500 are: auto answer/disconnect, auto-nulling, auto re-null on new line selection, RS-232 control, single cable conferencing and acoustic echo suppression to further reduce the chance of feed back.

Mfr. List $1,995.00   **Call For BSW Price**

G3200
Digital Telephone Hybrid

Designed for large talk studios or talk shows with a live audience, the G3200 combines both digital hybrid technology and digital acoustic echo cancellation to provide clean telephone audio. When caller audio is sent over studio speakers, some returns to the mics, creating potential feedback. The G3200's acoustic echo canceller automatically removes this audio from its send path (even when it has been delayed by as much as 224 milliseconds). Where echo cancellation is not required, the canceller can be used as an auto mix-minus generator. The same automatic features as the G2500, plus a built-in auto mic mixer (up to three mics) and power amplifier, make the G3200 ideal for a number of talk show situations.

Mfr. List $2,495.00   **Call For BSW Price**

DHIII
Digital Telephone Hybrid

The Digital Hybrid III is the newest generation of Gentner's most popular hybrid. With automatic gain control, automatic nulling and automatic re-null on new line selection (through a call director such as a multi-line telephone or Teleswitch etc.) DHIII provides the best possible hybrid performance from line to line. The DHIII also provides a one button record feature that starts and stops outboard recorders. Just push the record button and DHIII will automatically start your tape machine and stop it at the end of the call. The cue feature allows your talent to use the DHIII off the air much like a speakerphone. A remote cue input allows you to use this function automatically via the cue position on your console.

Mfr. List $1,895.00   **Call For BSW Price**

GENTNER

DHIA
Digital Telephone Hybrid

Now you can take advantage of digital signal processing technology to enhance your telephone audio with the Gentner Digital Hybrid Ia. Using DSP technology, DHIA "auto nulls" every time it is activated to provide a match to that particular telephone line's characteristics, so telephone audio is crisp, clear and understandable without annoying feedback or hollowness. Then, during the course of the call, it monitors the telephone line and automatically adapts to any changes that could create problems.

Mfr. List $1,199.00   **Call For BSW Price**

SPH5
Telephone Hybrid

The SPH5 incorporates advanced features not found in most analog hybrids. For instance, with a single push of a button you can automatically start your tape recorder to record both on and off-air calls. The cue function will route audio to the caller via the announcer mic or the mix-minus output of your console, manually or automatically, so you can talk to callers before they go on the air. Low distortion, low noise and maximum telephone frequency response ensures the best possible caller audio quality. The SPH5 represents the ultimate in analog hybrids.

Mfr. List $839.00   **Call For BSW Price**

SPH3A
Telephone Interface

The SPH3A telephone system provides an easy, inexpensive method of interfacing your equipment with a telephone system allowing simultaneous send and receive audio (full duplex operation). It can be used for on-air interviews and talk shows, recording telephone calls in the production studio or newsroom, or for teleconferencing applications. Built-in monitor amplifier eliminates the need for guests or talent to wear headsets to hear the caller. The SPH3A is simple to install and works with most analog and digital phone systems, including multi-line systems. SPH3A is fully remoteable.

Mfr. List $499.00   **Call For BSW Price**

GENTNER

EFT900A
Remote Extender System

There's no simpler way to get great audio from your remote over a dial-up telephone line than using the EFT900A single-line frequency extender. The telephone coupler, mic/line input, and headset amplifier are all built right in for hassle-free remotes.

Mfr. List $999.00   **Call For BSW Price**

EFT100
Frequency Extender

Here is your answer for low cost, good quality remotes. The new Gentner EFT100, for use with your existing hybrid, is a two-way frequency extender. This means you get the benefit of hearing the cues back from the station with just one telephone line. If you already have a hybrid, all you need is the EFT100.

Mfr. List $729.00   **Call For BSW Price**

TC100RTT
Automatic Telephone Interface

The most versatile telephone coupler you'll find. Features include: auto-answer, auto-disconnect, latching or momentary tape starts, built-in hybrid, fully remoteable and a DTMF decoder.

Mfr. List $599.00   **Call For BSW Price**

HYBRID COUPLER
Phone Coupler

Here's a low cost telephone coupler that provides both "Send" and "Caller" capabilities. This unit turns the two wire telephone circuit into a four wire system. It's a perfect match for the EFT100 or any time you need a connection to a telephone line.

Mfr. List $179.00   **Call For BSW Price**

GENTNER

AUTO COUPLER
Automatic Phone Coupler

If you're looking for an automatic answering and disconnect hybrid coupler, the Auto Coupler is just what you need. It gives you both "Send" and "Caller" capabilities. Use this with the EFT100 or anytime you need an automatic answer and disconnect to a telephone line.

Mfr. List $329.00   **Call For BSW Price**

MICROTEL
Telephone Interface

Gentner Engineering's Microtel is a portable, battery operated telephone interface used in a variety of applications. Typically, Microtel replaces the hand-set of the telephone to permit high quality audio feeding down the phone line while simultaneously monitoring the return audio. Microtel is powered by a single 9V battery. Applications: Portable mixing, studio talkback, in the field news mixing/telephone feeding, sports console/back-up sports console, mic to line driver for equalized program loops.

Mfr. List $259.00   **Call For BSW Price**

EXCALIBUR

HC-1
Handy-Coupler

The HC-1 gives you the simplest, quickest, most convenient way to connect audio to a telephone. The HC-1 connects in series with the handset of any telephone using modular connectors. External audio is connected via 1/4" connectors on back. Unit is passive, so no power is required. Simply press the front panel on-off button and external audio in and out are connected to your telephone. Release the button and the handset is once again connected, allowing normal use of the telephone.

The HC-1 is ideal for use in many locations around your station including news, production and sales departments.

Mfr. List $99.00   **Call For BSW Price**

EXCALIBUR

HA-1
HYBRID ADAPTOR

The HA-1 Hybrid adaptor allows you to use your favorite broadcast hybrid with almost any telephone....old, new, single or multiple line, etc. Since the HA-1 hooks up through your telephone instrument's handset connector, no connection to the telephone line is needed. With the HA-1's front panel push buttons, connecting and disconecting your hybrid is fast and easy....and the hybrid perfomance is the same as if hooked directly to the C.O. line.

Mfr. List $99.00   Call For BSW Price

HENRY ENGINEERING

DIGISTOR
Digital Message Storage System

DigiStor is a digital message storage system that is ideally suited for telephone "information lines," e.g., concert, ski report, sports scores, etc. DigiStor will store up to 4 minutes of audio for automatic playback via a regular telephone line. The message is stored in digital memory with battery back-up. DigiStor can be programmed to play the message only once, or continuously until the caller hangs up. Play, Stop, and Record functions are remote controllable.

DIGISTOR (2 min./4 min. depending on fidelity)	Mfr. List $395.00
DIGISTORXM (8 min./16 min. depending on fidelity)	Mfr. List $595.00
DIGISTORHF (1 min. 20 sec. extended fidelity)	Mfr. List $420.00
DIGISTORXMHF (5 min., 25 sec. extended fidelity)	Mfr. List $620.00

Call For BSW Prices

MIXMINUS PLUS
Differential Summing Amplifier

MixMinus Plus is a differential summing amplifier designed to add a "Mix-Minus" output to a broadcast audio console. This output is typically used to feed the send input of a telephone hybrid device. MixMinus Plus subtracts the hybrid receive signal from the program output, creating a program mix, minus the receive audio. The null adjustment will provide 40 dB rejection of the receive audio signal (30 Hz - 3 kHz).

Mfr. List $195.00   Call For BSW Price

INC

CM1056S/CM1056DP/CM756
CSU/DSU Switched 56 Interface Equipment

INC CSU/DSUs, with the help of digital audio codecs, connect your audio to the switched 56 network. Across the country there are two basic types of Switched 56 services: 2-wire and 4-wire. INC offers several models to fit the appropriate type of service. Each year INC publishes "The Inside Guide To Switched 56 Digital Data Services". It tells the complete story of what services are available, in what part of the country, by what carriers. Just by calling BSW you can obtain a copy of the guide to help you understand the services available in your area.

The CM-1056S is INC's entry level CSU/DSU for 4-wire networks. It features a single network port for either switched or dedicated service. For areas where a 2-wire system is required, INC offers the CM-1056DP. The CM-756 is perfect for applications that involve point-to-point networking or STL backup.

CM-1056S (101SDT10A) For 4 Wire Dial-up	Mfr. List $895.00
CM-1056DP (101DFS10A) For 2 Wire Dial-up	Mfr. List $895.00
CM-756 (101CMR10C) For Dedicated 56 Kbps	Mfr. List $590.00
V.35 Interface (101VIF10A)	Mfr. List $100.00

Call For Additional Models And BSW Pricing

RADIX

TLM500
Telephone Line Mixer

This highly portable, battery powered miniconsole can turn any modular telephone into a remote broadcast studio link or telephone interview control center. The TLM500 can also be used in the studio as a microphone / line mixer with headphone monitor. Newsrooms and production rooms are perfect places for the TLM. Sending and receiving audio over the telephone is simple and does not require expensive hybrids.

To use with a telephone, simply plug the telephone handset cord into the TLM along with a studio quality microphone and headphones. The telephone is dialed normally and incoming calls can be answered. Features include: Mic and line inputs, low battery indicator, peak reading LED and headphone amplifier. AC adapter available. Requires 6 AA batteries for portable use.

Mfr. List $229.00   Call For BSW Price

SOUND AMERICA

RSVP
Record/Send Phone

Here is the perfect, easy solution for sending or recording audio from the telephone. The RSVP from Sound America is a standard telephone that contains a built-in audio coupler. Cassette recorders will interface directly for recording or sending program material. In addition, the RSVP has an amplified electret condenser microphone for superior voice quality and a mute switch to cut out background noise while recording. Backed by a two year warranty, the RSVP is a perfect product for news and production.

RSVP	**BSW Price $149.75**
SVP (Without Record Feature)	**BSW Price $130.25**

SOUND AMERICA

TAC/TAC+
Telephone Couplers

Designed to interface audio equipment to standard phone lines, TAC and TAC+ from Sound America is the inexpensive solution. Both units are inserted between the handset and the handset jack on the telephone. Power to these units are provided by the telephone line.

TAC provides a switch to match input levels to telephone and also a mute switch for the handset mic. TAC+ adds more flexibility with an addiition of a momentary mic mute (cough) position and selector switches for different input attenuation and impedance ranges.

TAC Mfr. List $89.50	**Call For BSW Price**
TAC+ Mfr. List $114.95	**Call For BSW Price**

ZERCOM

ZH2
Telephone Hybrid

The ZH2 provides a cost effective way to interface your audio console to a telephone line, providing full duplex audio for talk shows and transferring audio over the phone network. It features controls for hybrid null adjust, input and output level, low frequency EQ, high frequency EQ and HF trim. Inputs and outputs are active balanced.

Mfr. List $455.00	**Call For BSW Price**

TELOS

TELOS ONE/ONE PLUS ONE
Digital Telephone Hybrids

The Telos ONE is the perfect low-cost solution for any telephone interface application. The Telos ONE automatically adapts to each call and all processing is in the digital domain. Performance features include sophisticated AGC on input and output; an advanced downward expander on the caller audio; and digital processing to dramatically reduce the chances for feedback when monitoring with open speakers.

The input of the Telos ONE is switchable for mic or line level and two outputs are provided. The ONE comes in either a rack mounting chassis or a modem style case that can be rack mounted with optional panels.

The ONE plus ONE starts with two Telos ONE digital hybrids in a single rack-unit chassis. Each hybrid functions completely independently. A unique internal mix-minus matrix cross couples the outputs of the two hybrids. In a dual hybrid application, you need send the ONE plus ONE only a single mix-minus.

TELOS ONE modem case	**Mfr. List $890.00**
TELOS ONE rack mount	**Mfr. List $1,050.00**
TELOS ONE PLUS ONE	**Mfr. List $2,180.00**

Call For BSW Prices

100 Delta
Digital Hybrid

The advanced digital signal processing (DSP) in the Telos 100 Delta results in full-duplex, natural sounding conversation on even the most difficult phone lines. Plus, smart digital gain control and equalization offer increased caller intelligibility. The dynamic digital equalizer is so advanced that its technology is not currently found in any other broadcast product. The EQ examines the caller audio in three bands and automatically equalizes the high and low bands, with reference to the middle band, to create uniform spectral density.

Other digital processing components include logarithmic (dB) dynamics control, context sensitive output AGC, and feedback suppression for greater gain before feedback when monitoring callers through open speakers.

Installation and operational enhancements include dual inputs and outputs, comprehensive metering, and two remotely selectable adjustments for caller override.

Mfr. List $2,180.00	**Call For BSW Price**

TELOS

DIM/1A2
Multi-line, Multi-Caller Talk Systems

Telos offers two options for selection and control of multiple telephone lines in broadcast systems. Complete systems include Telos hybrids, an interface module and control surfaces. The Direct Interface Module (DIM) allows direct connection of up to 10 phone lines. It functions as a full broadcast phone system including program on hold and caller conferencing.

The 1A2 Interface Module makes use of standard 1A2 key telephone equipment. Each handles 10 phone lines and units can be coupled to handle up to 30 lines.

Control options include a desktop switch console and drop-in modules for BE, PR&E, and other popular radio consoles. Caller screening is accomplished with phones or Telos' Call Screen Manager computerized software. (see next column)

DIM Direct Interface Module	**Mfr. List $1,840.00**
1A2 1A2 Interface Module	**Mfr. List $1,050.00**
SWITCH CONSOLE	**Mfr. List $650.00**

Call For BSW Prices

1X6
Multi-line Talk System

The ONE-x-Six has all of the telephone interface equipment needed for talk show programming. A single rack mounting unit houses both a Telos ONE digital hybrid and a six-line, broadcast phone system which includes all of the most popular features found in Telos' top-of-the-line Direct Interface Module.

For system control, the ONE-x-Six is packaged with a desktop Switch Console at no additional charge. Special function buttons on the Switch Console are used to automatically select the next caller, to control external recorders and delays, and to access several other unique features. Using your ONE-x-Six could not be easier. The Switch Console is used to place calls, put callers on the air or on hold, and to conference. A standard telephone set may be used for call screening. To meet the needs of smaller installations, the ONE-x-Six is very easy to install. All six phone lines are connected using standard RJ-11C plugs and all audio connections are XLR.

A special bundle is available that combines two Switch Consoles and Call Screen Manager host software with a ONE-x-Six.

ONE-x-Six	**Mfr. List $2,180.00**
ONE-x-Six Bundle	**Mfr. List $2,960.00**

Call For BSW Prices

TELOS

Call Screen Manager
Talk Show Management Software

Call Screen Manager software compliments the ONE-x-Six and Telos' other talk show systems by helping your screener/director provide your talent with information on each caller. Inexpensive IBM-compatible PCs and peripherals are used and information is displayed in useful, easy-to-interpret formats.

Features include real-time display of line status; full page and quick messages that may be stored and sent with simple keystroke combinations; a caller information database module with modifiable data fields and report and export capabilities; and the ability to accomplish most critical screener functions from the computer keyboard.

Two versions of Call Screen Manager are available. Host Software provides for a director position and any number of talent positions using a single PC. Remote Software allows communications between the studio and talent located at a remote site via modem.

HOST SOFTWARE	**Mfr. List $349.00**
REMOTE & HOST SOFTWARE	**Mfr. List $449.00**

Call For BSW Prices

ZEPHYR
Digital Network Audio Transceiver

Zephyr is the ideal solution for remote broadcasts, ad hoc networks, voiceovers, commercial distribution, backup to microwave and satellite links, and many other applications. On just one ISDN circuit, Zephyr can convey 20 kHz duplex stereo audio and it can transmit 15kHz mono audio using only one of an ISDN line's two channels.

MPEG audio Layers III and Layer II, as well as G.722, are provided for the highest audio quality and compatibility with nearly every installed codec. Features include a built-in ISDN terminal adapter with NT-1 and 9600 baud RS-232 bidirectional data for communications and control. Available V.35 connection allows Zephyr to connect with Switched 56 and other data links. Controls are straightforward for easy operation by non-technical users. Zephyr includes full metering, a headphone jack, mic/line inputs, and input protection limiting.

ZEPHYR (9102) Mono With TA & NT1	**Mfr. List $3,980.00**
ZEPHYR (9202) Stereo With TA & NT1	**Mfr. List $4,980.00**

Call For BSW Prices And Other Configurations

B&K

Oscilloscopes

B&K offers one of the industry's broadest lines of oscilloscopes with models ranging from a 15 MHz analog dual-trace unit to a versatile digital storage oscilloscope. No matter what your application, B&K has an oscilloscope to meet your requirements.

Call BSW With Your Requirements

BIRD

Test Equipment

Now in its fifth decade of serving the broadcast industry, Bird Electronic Corporation has been the pioneer in developing products for measurement, filtering and termination of RF power. The Company's products, originally developed in response to specific design requirements of broadcast equipment manufacturers, have since become standards of the industry. Recognizing that broadcast test equipment must be even more reliable than the transmitter, constantly on-call and totally trustworthy, Bird has achieved an enviable record of reliability.

Call BSW With Your Bird Requirements

CONEX

RG11
Audio Frequency Generator

The Conex RG11 is a very compact audio frequency generator providing sine and square-wave signals with very accurate frequencies from 1 Hz to 29,999 Hz. It is useful in testing the response of systems, filters, tone sensors, etc. Log sweep from 50Hz to 20kHz with 50 steps. Compact 3"X 5" package.

Mfr. List $229.00   **Call For BSW Price**

DELTA

SNG1
Stereo Noise Generator

The Delta SNG1 offers a number of "laboratory" type features and noise weightings in a very affordable and compact package.

Features include true balanced front and rear panel outputs, selectable white, pink, and USASI noise spectra, generates true stereo noise, low DC offset, close channel tracking (>0.5 dB), external input offers unlimited noise envelopes, outs drive either 600 or 50 ohms, meets FCC/NRSC and Canadian D.O.C. requirements.

Mfr. List $665.00   **Call For BSW Price**

DORROUGH

1200
Audio Test Set

With the 1200 you can take stereo measurements of level, balance, crosstalk, and signal-to-noise over the entire dynamic range of your audio system from noise floor to clipping. The set includes a pair of input amplifiers, a 30 dB step precision attenuator, two "B" scale VU meters (measured in 1 dB increments over a 40 dB range). And two buffered monitor outputs. Servo amplifier inputs guarantee a constant gain over all input configurations and a monitor jack provides an output for oscilloscope, headphones, or monitor amplifier.

Mfr. List $1,650.00   **Call For BSW Price**

FLUKE

75II/77II
Test Meters

Model 75II features analog bar graph, 3200 count display, 0.5% accuracy, autoranging function with range hold, 10 amp & auto-ranged mA ranges, continuity and diode test beeper and 3 year warranty. Model 77II adds 0.3% accuracy and touch hold.

75II Mfr. List $145.00   **Call For BSW Price**
77II Mfr. List $169.00   **Call For BSW Price**

FOSTEX

TT15
Test Tone Oscillator

Battery operated, low distortion sine wave oscillator with five selectable frequencies (40 Hz, 400 Hz, 1 kHz, 10 kHz, and 15 kHz) and three selectable output levels (-30 dB, -10 dB and 0 dB). RCA output jack. Useful for spot checking frequency response, calibrating mixers with tape recorders and other level matching jobs. Output is constant and not affected by battery voltage or frequency. Fits in your tool box.

Mfr. List $60.00   **Call For BSW Price**

GOLDLINE

DSP30
Digital Portable RTA

The DSP Series RTAs from Goldline offer cutting edge technology and convenience at an affordable price. There are three models to choose from.

The DSP30 is a portable unit in a high-impact strength "ABS" case. The DSP30RM is a rack mounted version and the DSPCI is a black box interface that lets your PC or Mac become the RTA. Standard features on all models include an 85dB window which is not limited by the display, automatic sum and average functions, scales from 1/4 to 5dB, adjustable filters for triple tuned or sharper, SPL and weighted curves (Flat, "A", "C", or user defined), 6 active memories expandable to 30 with optional EEPROM and a 600 ohm, differential balanced, condenser microphone. Goldline offers a host of options to customize your DSP system to your liking, just give us a call for detailed information. Models DSP30 and DSPCI require optional pink noise source such as PN2.

DSP30	Mfr. List $1,111.00
DSP30RM	Mfr. List $1,624.00
DSPCI	Mfr. List $1,185.00

Call For BSW Prices

GOLDLINE

ASA10B
Audio Spectrum Analyzer

An affordable, professional quality 10-octave analyzer covering a wide frequency range, and featuring a built-in mic. Features: IEC A or C weighting, freeze display function, battery or external powering, selectable decay function

ASA10B	Mfr. List $355.00
PN2 Pink Noise Generator	Mfr. List $89.95

Call For BSW Prices

TS1/TS1RMX
Audio Test Sets

The Loftech TS1 provides a combination of three precision test instruments and is capable of making audio frequency tests and measurements with a high degree of accuracy and in less time than conventional test instruments. The TS1 combines a low distortion oscillator, a frequency counter, and a dB meter in a compact unit complete with AC power supply. Features limited two-year warranty.

Also available in a rack mount version with XLR connectors as model TS1RMX.

TS1	Mfr. List $379.95	Call For BSW Price
TS1RMX	Mfr. List $539.95	Call For BSW Price

APT2
Absolute Polarity/Phase Analyzer

The APT2 utilizes state-of-the art signal processing to accurately determine absolute phase polarity and to check acoustical or electrical phasing. The APT2 features the Polarity/Phase Analyzer and the Pulse Generator as separate units, allowing the user to place the Pulse Generator in the most convenient location.

Mfr. List $199.00   **Call For BSW Price**

POTOMAC

AT51
Audio Test System

The AT51 is an innovative audio test system which facilitates the measurement of critical parameters in monophonic and stereophonic audio equipment. The Audio Generator (AG51) and Audio Analyzer (AA51) are packaged separately for remote measurements requiring physical separation of signal source and signal analyzer. Both units are RFI shielded to enable accurate measurements in high level radio frequency environments typical to broadcast transmitter facilities. Signal input and output connectors are also RFI shielded.

Mfr. List $6,595.00   **Call For BSW Price**
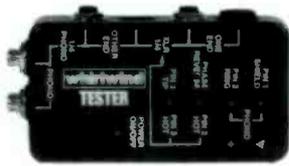
WHIRLWIND

Cable Tester

Check for shorts and bad connections easily with the Whirlwind Cable Tester. Accommodates XLR, 1/4" and phono plugs. 9 volt battery required. Fits in your tool box.

Mfr. List $61.95   **Call For BSW Price**

XCELITE

TC150/ST
Tool Kit

A carefully selected assortment of Xcelite hand tools including interchangeable drivers, blades and handles, soldering iron, and measuring tape. Removable pallets in lid and base have tool pockets.

Mfr. List $596.00   **Call For BSW Price**

CAIG LABS

DEOXIT   PROGOLD

DEOXIT
Electrical Connector Treatment

DeoxIT, a one step treatment, is a fast acting solution that cleans, preserves, lubricates and improves conductivity on electric connectors and contacts. This new advanced formula contains improved deoxidizers, preservatives, conductivity enhancers, anti-tarnishing compounds, arcing and RFI inhibitors and provides extended temperature range. USE ON: electrical connections - stationary and moving, with similar or dissimilar metals.

D5S6	DeoxIT D5 spray, 5.5 oz.	**BSW Price**	**$8.50**
KD50W	DeoxIT wipes, 50 count	**BSW Price**	**$8.95**
KD100P	DeoxIT pen applicator	**BSW Price**	**$9.95**
D100L25C	DeoxIT precision dispenser, 25ml	**BSW Price**	**$15.95**
KD100S	DeoxIT D100 spray kit*	**BSW Price**	**$17.95**

*Includes: 2 oz spray, 100% DeoxIT liquid, lint-free cloths, swabs & brushes

PROGOLD
Gold Conditioner

Maintains optimum signal quality, reduces intermittent connections, reduces wear, abrasion and RFI. ProGold, a one-step treatment, improves conductivity and protects gold, base metals and other precious metal surfaces. USE ON: gold and other precious metal surfaces.

G5S6	ProGold spray. 5.5 oz.	**BSW Price $15.95**
KG100P	ProGold pen applicator	**BSW Price $19.95**
KG50W	ProGold wipes, 50 count	**BSW Price $18.95**
G100L2DB	ProGold Precision, 7.4ml	**BSW Price $16.95**

DUSTALL
Precision Air Duster

Quickly and safely removes dust, lint and particles from sensitive electronic equipment. No ozone-depleting CFC's

DT3PS10 DustALL   **BSW Price $12.95**

OPTICALL
Anti-static Cleaner/Preservative

Concentrated formula cleans, polishes and eliminates static electricity on optical viewing surfaces (CRT screens, TVs, Scopes, Dial faces, etc.) Also recommended as a general purpose antistatic cleaner on plastic, glass and metal surfaces. No ozone-depleting CFCs.

OP10S6 OpticALL (6 oz.)   **BSW Price $5.95**

TECHNICS

SL1200MKII
2-Speed Turntable

The industry's most popular turntable is, without a doubt, the SL1200MKII. Two-speed, quartz accurate with fast start-up time, it's the perfect addition to your control room. For production, the pitch change adjustment of ±8% comes in handy. The SL1200MKII includes base, dust cover, and tonearm.

Mfr. List $529.00   **Call For BSW Price**

STANTON

Cartridge		Replacement Styli	
Model	BSW Price	Model	BSW Price
500AL	$18.30	D5107AL	$10.00
500EL	$20.20	D5100EL	$12.90
500EMKII	$16.30	D50EMKII	$9.90
680AL	$53.60	D6800AL	$19.80
680EL	34.50	D6800EEEIII	$62.60
890AL	$71.40	D89AL	$27.90

SHURE

Cartridge		Replacement Styli	
Model	BSW Price	Model	BSW Price
M44GX	$28.10	N44GX	$19.55
M447X	$26.15	N447X	$18.15
SC35C	$36.75	SS35C	$17.30

AUDIO-TECHNICA

Cartridge		Replacement Styli	
Model	BSW Price	Model	BSW Price
ATP2	$39.00	ATPN2	$21.50

ATI

P100S
Turntable Preamp

This preamp offers state-of-the-art specs in a cost effective enclosure. Quality components allow the P100S to achieve a 90 dB signal to noise ratio, channel separation of 60 dB minimum distortion 0.1% maximum 20 Hz -20 kHz.

Mfr. List $329.00   **Call For BSW Price**

RADIX

TP500
Turntable Preamp

Superb specifications make this Radix model ideal for stereo, or two channel monaural use. And yet, the cost remains competitive with other quality brands. Specifications: Distortion: less than .01% at full output • Noise: better than 76 dB unweighted • Channel separation: 90 dB • Output: +20 dBm single ended 600 ohms +25 dBm balanced 600 ohms • Compact enclosure - easy to install • Outstanding RF immunity

Mfr. List $289.95   **Call For BSW Price**

STANTON

310B
Stereo Phono Preamp

The 310B features universal mounting, instant selection of flat or NAB post emphasis curves, switchable, effective rumble filter, individual adjustments of gains and high frequency responses, trimming of cartridge loading, either 117 or 230V operation at 50 or 60 Hz, and immunity to external magnetic AC fields. The 310B can be used in balanced as well as unbalanced modes and in-phase and out of phase mix of L and R channels for monophonic reproduction of older records.

Mfr. List $240.00   **Call For BSW Price**

GEPCO
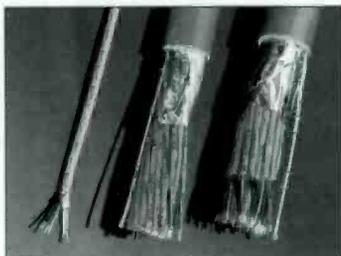
Audio/Video Cable

BSW is a stocking distributor for Gepco cable. This cable is the finest quality, meeting or exceeding specs of virtually any cable available to broadcasters with very competitive prices.

In addition to excellent audio performance, Gepco's audio cables offer some great features that add to ease of installation. The 61801 and D61801 single pair and dual pair, 22 Gauge cable with drain are available in standard and EZ versions in a variety of colors. EZ style cables are made with the foil shield bonded to the inside of the outer jacket. When the outer jacket is stripped off, the shield comes with it, making for quicker, cleaner installation.

Call With Your Cable Requirements

BELDEN
WEST PENN WIRE
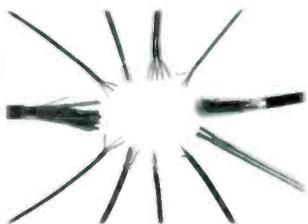
Wire/Cable Products

BSW supplies virtually every type of wire, cable, cable assembly and connecter audio professionals need. We provide products from Beldon, Gepco, Proco, West Penn Wire and Whirlwind and stock many common items. Please call us with your requirements.

Call For BSW Pricing

CONNECTRONICS
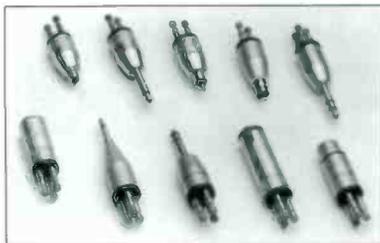
Bodge Plugs
Emergency Audio Connectors

No tool kit is complete without a set of Bodge Plugs. Each plug has either two or three color coded, spring loaded, quick connect terminals. By pushing the end of the terminal a slot is opened to receive and hold securely a bare wire or test probe. 45 different adaptor cables can be quickly made in the field without the need of soldering.

Call For BSW Price

CONNECTWORKS

YC40
Unidapt Universal Adapter Kit

The YC40 allows you to mix and match any male or female adapter section with any other SMA, N, UHF, BNC, TNC, F, RCA or mini UHF section. Simply choose the two common connector ends you need, and screw them together with the universal adapter.
BSW Price $155.75

HOSA
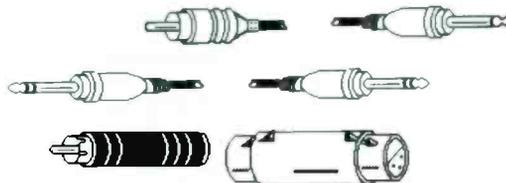
Cables and Adaptors

Call with your requirements or ask for a complete Hosa catalog.

WTI148
Velcro Cable Wrap

8" black velcro coated strap for securing cable runs etc. Pkg. of 5
BSW Price $3.25

WTI172/WTI173
Plastic Cable Ties

Standard plastic wire ties in 8" and 10" lengths. Pkg. of 20
WTI172 BSW Price $2.80
WTI173 BSW Price $4.00

PANDUIT

Wiring Duct

Width: 2 inches, Height: 2 inches, Length: 6 feet. Includes cover.
BSW Price $41.95

Equipment Solutions To Keep You Number One

BSW
BROADCAST SUPPLY WORLDWIDE

7012 27th Street West
Tacoma, Washington 98466

Credit Application

Toll-Free Phone	(800) 426-8434
Toll-Free Fax	(800) 231-7055
Worldwide Phone	(206) 565-2301
Worldwide Fax	(206) 565-8114

Applicant/Lessee (Important to list name of legal entity)

Legal Name and Trade Name		Date

Street Address	City, County, State	Zip Code

Billing Address	City, County, State	Zip Code

Contact Person	Title	Telephone #

Nature of Business	# of Years In Business	Type of Business (Circle One) Proprietorship Partnership Corporation Government

Parent Company

Name	Corp. Bookkeeper	Telephone #

Address	City, State	Zip Code

Owners Name	Address	Phone

Bank References

Name of Bank/Branch	Telephone #	Acct. # (checking)
Account Manager		Acct. # (savings/money market)
Name of Bank/Branch	Telephone #	Acct. # (checking)
Account Manager		Acct. # (savings/money market)

Trade References

Company Name	City, State	Telephone #	Contact Person
Company Name	City, State	Telephone #	Contact Person
Company Name	City, State	Telephone #	Contact Person

Conditions of Sale:

1. All invoices from Broadcast Supply Worldwide will be paid within Net 30 days unless otherwise stated on your invoice.

2. Any discrepancies in billing or problems with defective or damaged equipment must be reported within 48 hours of receipt.

3. All shipments are F.O.B. point of origin unless stated otherwise on your invoice.

4. A finance charge of 12% per year or 1% per month will be charged on any unpaid balance that exceeds terms stated on your invoice.

5. All collection agency or attorney fees will be paid by the buyer.

*An authorized signature by a corporate officer constitutes an agreement with Broadcast Supply Worldwide to comply with all the terms stated for condition of sale on an open account credit basis. It also grants permission to verify information on this agreement.

_____

Corporate Officer's Signature

_____

Print Name and Title

_____

Date

Equipment Solutions To Keep You Number One

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BROADCAST SUPPLY WORLDWIDE