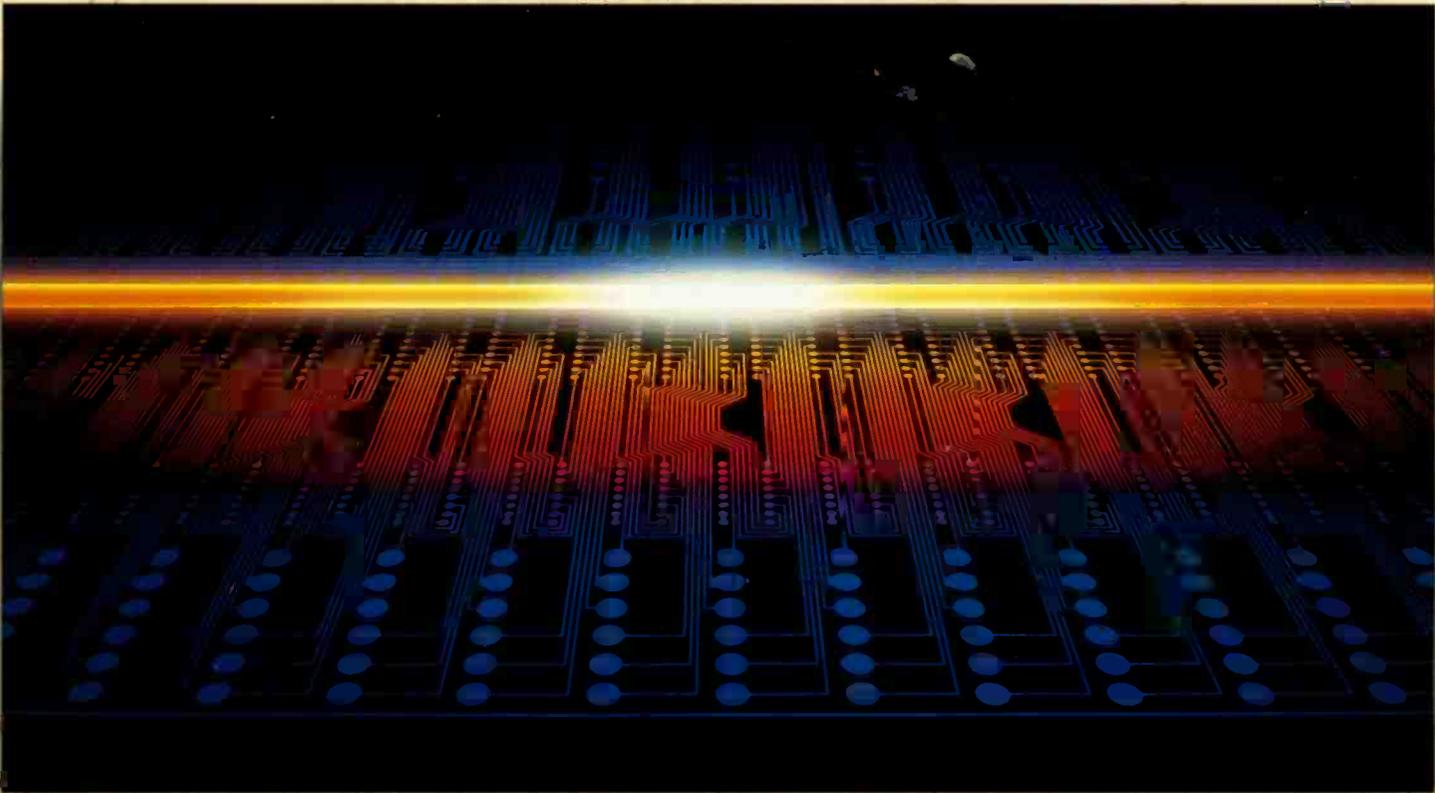


C A T A L O G

1 9 9 4



Equipment Solutions To Keep You Number One

BSW
BROADCAST SUPPLY WORLDWIDE

*" We are committed to thoroughly understanding our
customer's needs, providing them with the right equipment
solutions and insuring their ongoing satisfaction"*



IT'S EASY TO ORDER FROM BSW

Ordering By Telephone

Call toll-free 1-800-426-8434 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 125 that you may photocopy, fill out and Fax to us toll-free at 1-800-231-7055. International Fax number is 206-565-8114.

Payment Terms

Open account, Net 30 day billing, is available to qualified domestic business and educational accounts. Credit application is provided on page 126 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. Payment terms and conditions for international customers vary. Please contact international sales manager for details.

Shipping Information

We know fast delivery is important to you, so we make this guarantee. Place your order with us before 12 noon Pacific time and we'll ship stock items the same day...or we pay the shipping charges. This offer good for domestic retail customers with approved credit.

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 of \$3.75 apply to each order (\$5.75 Canada). We ship FOB Point of Origin unless other arrangements are made and approved in advance.

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 re-stocking charge may apply.

Prices

Prices shown in catalog are provided for your assistance when budgeting and comparing different makes/models. Actual BSW selling prices will be determined at time of sale and should be verified prior to ordering. BSW actual selling prices are routinely discounted below suggested list prices. (It should be noted that we print this catalog annually and manufacturers continually introduce new products as well as change prices.)

OPEN DAILY

6:00 AM To 6:00 PM Pacific Time

Toll-Free From USA and Canada

Voice 800 • 426 • 8434

Fax 800 • 231 • 7055

International Customers

Voice 206 • 565 • 2301

Fax 206 • 565 • 8114

Quick Index

Detailed product listings found on page 127

AMPLIFIERS	<i>pages 2-5</i>
AUDIO PROCESSING	<i>pages 6-18</i>
AUTOMATION	<i>pages 52-53</i>
CARTRIDGE, CASSETTE MACHINES	<i>pages 21-29</i>
COMPACT DISC	<i>pages 30-33</i>
CONSOLES	<i>pages 34-44</i>
DIGITAL AUDIO RECORDERS	<i>pages 45-51</i>
HEADPHONES, HEADSETS	<i>pages 54-57</i>
INTERFACE EQUIPMENT	<i>pages 58-62</i>
MICROPHONES	<i>pages 64-72</i>
MONITORING	<i>pages 73-76</i>
REEL TO REEL MACHINES	<i>pages 77-80</i>
RF, REMOTE CONTROL, STL	<i>pages 81-94</i>
SPEAKERS, STUDIO FURNISHINGS	<i>pages 95-110</i>
TELEPHONE EQUIPMENT	<i>pages 111-119</i>
TEST EQUIPMENT	<i>pages 120-122</i>
TURNTABLES	<i>pages 123-124</i>
ORDER FORM/CREDIT APPLICATION	<i>pages 125-126</i>

Address Correspondence To:

7012 27th Street West Tacoma, WA 98466 USA

Equipment Solutions To Keep You Number One

BSW
BROADCAST SUPPLY WORLDWIDE

ASHLY



SRA-120 Stereo Power Amplifier

The SRA-120 is a small, powerful 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

BGW



Power Amplifiers

BGW amps offer advanced technology and high-efficiency for a number of applications from studio monitoring to concert sound reinforcement. Models range in power from the 35 watt per channel model 85 to the model GTA with 2000 watts into 4 ohms. Call us with your requirements.

Call For Prices And Configuration

CROWN



D75/D150AII/DC300AII Stereo Power Amplifiers

Broadcasting's most popular amplifier, the D75 features 35 watts per channel RMS with only .05% harmonic distortion and active balanced inputs with XLR connectors.

For extra power to drive larger monitors, choose either the D150AII or DC300AII amplifiers. The D150AII output is 80 watts per channel RMS and the DC300AII has 155 watts per channel RMS. Rack space is 5 1/4" and 7" respectively.

All amplifiers have a 3 year warranty.

D75 Mfr. List \$549.00

Call For BSW Price

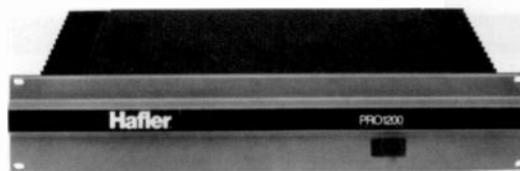
D150AII Mfr. List \$879.00

Call For BSW Price

DC300AII Mfr. List \$1,199.00

Call For BSW Price

HAFLER



PRO SERIES Stereo Power Amplifiers

Hafler amps are famous for providing three important features that professionals demand: fidelity, simplicity, and reliability. Hafler's reliability is so rock solid that they offer an unprecedented 7-year warranty on parts and labor. If you do have any problems, Hafler will rush you a replacement amp even before you return the defective amp. Pro Series amplifiers feature rear panel controls, mono-bridge switch, chassis/float ground switch and true set it and forget it operation.

PRO1200 (60W/Chnl. Into 8Ω)

Mfr. List \$550.00

PRO2400 (120W/Chnl. Into 8Ω)

Mfr. List \$750.00

PRO5000 (325W/Chnl. Into 8Ω)

Mfr. List \$1,400.00

Call For BSW Price

QSC



SERIES ONE Stereo Power Amplifiers

You get uncompromising performance and unexpected economy with QSC Series One Amps. All models feature turn on/off protection, active balanced inputs, and balanced outputs. Model 1100 includes front panel headphone jacks.

1100 (50W/Chnl. Into 8Ω)

Mfr. List \$608.00

1200 (100W/Chnl. Into 8Ω)

Mfr. List \$638.00

1400 (200W/Chnl. Into 8Ω)

Mfr. List \$838.00

1700 (325W/Chnl. Into 8Ω)

Mfr. List \$1,328.00

Call For BSW Price

Choosing An Amplifier For Your Application

A few basic considerations should be examined when purchasing an amplifier to ensure the best value and performance for your money.

First, ask yourself how the amplifier will be used. Answering questions like where, how often and in what way will I be using the amp, can save you from buying the amp you don't really need. It is important that the amplifier you choose will handle the load your speaker(s) show it. So you will need to determine the net speaker impedance load you intend to show the amplifier outputs. Finally, it is important not to overpower or underpower speakers. Underpowering speakers prevents them from producing optimum results and can even cause damage to speaker components. Overpowering speakers can damage them both thermally and mechanically (excess excursion).

Ask a BSW sales representative to help you match your requirements with an amplifier that will offer you performance and value.

RAMSA



WP SERIES Stereo Power Amplifiers

Truly great amplifiers are measured by two standards: sonic quality and reliability. The Ramsa 9055 power amplifier achieves excellence on both counts. Balanced and unbalanced inputs, UL listed and an outstanding 5 year warranty.

WP9055 (50W/Chnl. Into 8 Ω)	Mfr. List \$760.00
WP9110 (100W/Chnl. Into 8 Ω)	Mfr. List \$1,000.00
WP9220 (200W/Chnl. Into 8 Ω)	Mfr. List \$1,190.00

Call For BSW Price

ROLLS

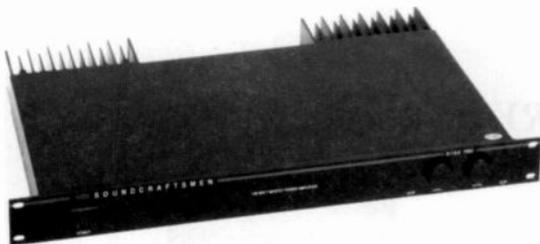


RA2110/RA2200 Stereo Power Amplifier

When you need inexpensive monitor amps with plenty of power and performance, choose the Rolls RA2110 or RA2200. Features include: turn-on delay protection, LED overload indicators, and 25/70 volt line capability. RA2110 100W RMS/channel into 4 ohms, RA2200 is 200W into 4 ohms.

RA2110 Mfr. List \$300.00	Call For BSW Price
RA2200 Mfr. List \$425.00	Call For BSW Price

SOUNDCRAFTSMAN



A100PRO/A200PRO Stereo Power Amplifiers

The A100 and A200 PRO models feature thermal, short circuit, subsonic, DC input voltage, and turn-on/turn-off protection and a three year limited parts and labor warranty. A100PRO features 60W RMS per channel into 8 ohms with front panel gain controls. The A200PRO provides 125W into 8 ohms with rear panel gain controls.

A100PRO Mfr. List \$419.00	Call For BSW Price
A200PRO Mfr. List \$599.00	Call For BSW Price

STEWART



PA SERIES Power Amplifiers

Stewart Electronics makes use of a 100 kHz switching power supply to provide surprising power in a space saving half-rack design. PA Series amps feature thermal protection, tamper resistant screw driver level controls, and are available with 25 or 50 watts per channel. Balanced inputs and outputs.

PA50B Mfr. List \$299.00	Call For BSW Price
PA100B Mfr. List \$399.00	Call For BSW Price

SYMETRIX

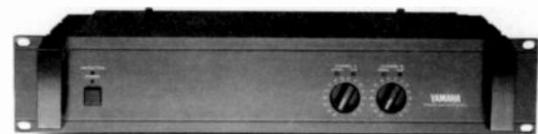


A220 Stereo Power Amplifier

High performance, low power stereo amplifier. The A220 will develop better than 20 watts per channel into 8 ohms with full power distortion of less than .02 % @ 1 kHz. Typical application includes the powering of headphone distribution boxes and small monitor speakers.

Mfr. List \$349.00	Call For BSW Price
--------------------	--------------------

YAMAHA



P2075 Stereo Power Amplifier

The P2075 is a great amplifier value with 50 Watts of power into 8 ohms, balanced operation, and protection from turn-on thumps, overheating, and output shorts, all in a light-weight, 2 rack space chassis.

Mfr. List \$429.00	Call For BSW Price
--------------------	--------------------

APHEX



120 Distribution Amplifier

The Model 120 is a high performance audio distribution amplifier with a single high impedance input and four low impedance outputs, all electronically servo-balanced. The sturdy steel chassis may be used stand-alone or rack mounted, singly or in pairs. 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



DA208/DA416 Distribution Amplifiers

Two or four inputs, each driving four individually adjustable, active balanced outputs gives you twice the channels for the price. Need more outputs? Just parallel inputs for up to 1x16 operation.

DA208 (Dual 1 x 4) Mfr. List \$369.00 Call For BSW Price

DA416 (Quad 1 x 4) Mfr. List \$539.00 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.

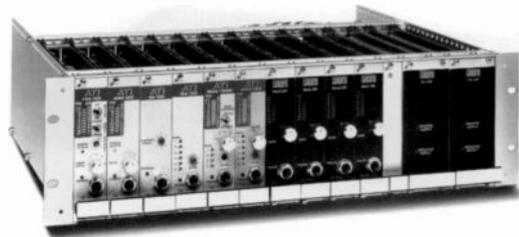
Features include:

- 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 • Front panel headphone jack.

Mfr. List \$1,295.00

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, available as single and dual units, with or without metering, with transformer or active balanced outputs and optional VCAs with remote DC gain control. System 10,000 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 (Unit is 1U rack size with barrier and 2U with XLR). Front panel output adjustment is available for each of the 4 input channels. Features balanced or unbalanced operation with switchable 600Ω or 100kΩ 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 Amplifier") has two inputs (one stereo pair) and four outputs (two stereo pairs), and can be used as a conventional 1x4 or 2x4 distribution amplifier. USDA can also be used to combine a stereo input to a mono output.

Mfr. List \$195.00

Call For BSW Price

RDL**RUDA4D
Distribution Amplifier**

This compact 1/3 rack space unit is a 1x8 or 2x4 DA with individual output level adjustment and presence of audio LEDs. Requires external 24v power supply. Rack hardware optional.

Mfr. List \$189.00

Call For BSW Price

PS24A Power Supply \$13.95

**STDA3
Distribution Amplifier**

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.

Mfr. List \$104.95

Call For BSW Price

PS24A Power Supply \$13.95

WHEATSTONE**SDA82-A
Distribution Amplifier**

What are the most important factors in choosing audio gear?... Reliability and sonic performance. Consider the extra measures Wheatstone takes to ensure reliability: fully burned-in ICs, hand soldering to avoid thermal shock and wave solder contaminants, electrostatically shielded power transformers, computer assisted performance analysis, and (of course) a thorough listening test.

The model SDA82-A is a quality 1 x 8 channel stereo distribution amplifier. Audio specifications are: Frequency response 20Hz-50 kHz +/- .5 dB, THD .002%, THD .007%. Dynamic range is >110 dB. Input maximum up to +26 dB, output maximum +26 dBm.

Front panel output adjustments are recessed. LED status lights for all input and output channels are provided.

Mfr. List \$550.00

Call For BSW Price

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 of the best things about this DA 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

RADIO SYSTEMS**DA16/DA8
Distribution Amplifiers**

The Radio Systems DA16 provides 8 stereo or 16 mono, independent audio outputs from one input. Each output is completely isolated and has individual level control. Ultra-low noise levels, fast transient response and low distortion insure that the signals at the outputs of the DA are an exact image of the input. Barrier strip connections. DA8 is a mono 1x8 DA.

DA16 Mfr. List \$425.00

Call For BSW Price

DA8 Mfr. List \$340.00

Call For BSW Price

WHIRLWIND**PRESSPOWER
Powered Pressbox**

Whirlwind's Presspower provides a comprehensive and flexible audio distribution system for press conference situations. Features: Two XLR inputs are mic or line level with selectable phantom power, ground lift and high pass filtering • 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 \$1,795.00

Call For BSW Price

APHEX



COMPELLOR 320 Compressor/Limiter

The Compellor 320 delivers invisible compression, and leveling simultaneously with selectable peak limiting. In addition 320 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

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

723 (W/Pre/De-emphasis)

Mfr. List \$1,495.00

Call For BSW Price



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 in the broadcast setting 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



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 three basic units:

- Multiband AGC with noise reduction (SGC800 stereo, AGC400 mono)
- Multiband compressor/limiter/EQ (SEC800 stereo, SEC400 mono)
- Final peak limiter (SMP850 stereo FM, PMC450 mono, SMP950A stereo AM).

In addition CRL offers the SG800A Stereo Generator for FM applications. Ask a BSW representative to help you configure the system that best fits your technical and financial requirements.

Pricing Based On Configuration



AUDIO SIGNATURE FM/AM Stereo Processor

Audio Signature provides wideband and four band processing in one package. CRL's Digital Control system offers the power of digital control in a user friendly, easy to operate format. Features: Digitally processed user controls • Separate wideband and multiband control • User adjustable multiband crossovers • Real time analysis output monitoring • 8 position audio diagnostic metering • 4 memory recall sound settings • PC and automation remote control capability

Mfr. List \$4,995.00

Call For BSW Price



AMIGO FM Stereo Processor

A complete inexpensive audio processor for FM. The AMIGO is a combination of a dual band AGC followed by a multi-band limiter and digitally synthesized stereo generator. Adjustments are kept to a minimum for fast set-up and easy adjustment. The AMIGO offers exact peak modulation control while maintaining outstanding program clarity.

Mfr. List \$3,195.00

Call For BSW Price

CRL**MBL100
News/Talk/Sports Processor**

The MBL100 is designed to increase loudness and coverage area of AM monaural news/talk/sports formats by combining powerful audio processing topology, and 7.5 kHz audio low-pass filtering. Features: Input band-pass filtering, • NRSC compatible filtering remote control operation and dual band AGC/compressor.

Mfr. List \$3,895.00**Call For BSW Price****CUTTING EDGE****UNITY 2000i
FM Stereo Processor**

The Unity 2000i FM Processor uses 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.

Mfr. List \$8,500.00**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****GENTNER****LAZER
FM Digital Audio Processor**

The Lazer is broadcasting's first and only 100% DSP digital FM limiter/stereo generator. Incredible flexibility offers you an unprecedented level of control over AGC, limiting and a variety of other functions which may give your station a competitive edge. The Lazer offers 23 precise processing parameters that are individually user adjustable and may be stored into 8 memory locations. Stereo separation is greater than 65 dB with virtually no noise or RF interference.

Includes a separate optical encoder which provides analog to digital conversion for the Lazer.

Mfr. List \$6,299.00**Call For BSW Price****FM AUDIO PRISM II/PRISM II AM
Audio Processors**

The Audio Prism from Gentner is giving many stations the extra punch and modulation power required to be competitive in today's aggressive markets. The Prism's four-band parallel layout and digital control provide smooth, predictable gain change and full modulation without fatigue. A broadband safety buffer guards against unusually high input levels, and a single density control simultaneously adjusts attack and release times. Set up is easy with a built-in pink noise generator and front panel test points. The Audio Prism is designed to go before a final peak limiter and stereo generator. Two units are required for stereo.

FM AUDIO PRISM II (2 Required For Stereo) Mfr. List \$1,779.00**PRISM II AM (Includes Phase Rotator) Mfr. List \$1,989.00****Call For BSW Price****Need Assistance In Selecting The Proper
Audio Processor ?**

BSW Sales Professionals are very qualified to help you make the right choice. We offer demo units, so you can try before you buy.

Call toll free for all the details.

INOVONICS

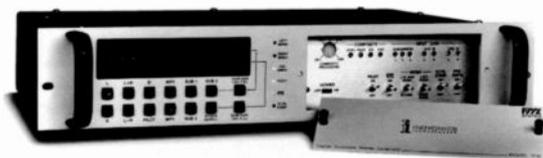


715-00 DAVID Integrated FM Audio Processor

Inovonics' DAVID is an integrated audio processor/stereo generator for all FM-stereo broadcasting applications. The comprehensive audio processing section combines the functions of a gated, gain-riding AGC with split-spectrum dynamic compression and peak control. The result is a signal which is both competitive and fully protected from overmodulation. The stereo generator section features digital synthesis of the composite signal with its inherent superior stability and performance. Internal combining of SCA or RDS subcarriers is provided, as well as a TTL-level 19 kHz pilot output for subcarrier sync. The DAVID is simple, affordable and very effective!

Mfr. List \$1,875.00

Call For BSW Price



706-00/705-00 Digital Synthesis FM Stereo Generators

The second generation 706 FM stereo generator offers digital synthesis of composite signal and internal composite clipper with the option of incorporating the FMX™ Transmission System. It interfaces with many audio processing systems and features front-panel metering of internal levels, remote control of mono/stereo functions, and built-in combining for up to 3 SCA or RDS inputs. Stereo separation 70 dB typical.

706-00

Mfr. List \$3,120.00

705-00 (Simplified Version Of 706)

Mfr. List \$1,375.00

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 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.

Continuing the tradition of louder, cleaner, brighter audio established by the 8100 Series, the 8200 adds even greater high-frequency and peak control for the cleanest, loudest sound possible. By integrating the stereo generator with the audio processing, the 8200 eliminates overshoot problems found in traditional external generators.

The 8200 allows you to choose from several factory presets or adjust and store your own custom presets (up to 32) for instant recall.

Flexible software based processing allows the 8200 to be configured for protection limiting/processing, two-band processing, or five-band processing and 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.

The 8200 is easily controlled from the front panel, by using your current transmitter remote control, or an IBM-compatible PC with Optimod-FM's optional software and a standard modem.

8200/U2S (Two Band Processor)

Mfr. List \$7,400.00

8200/U3S (Multiband Processor)

Mfr. List \$10,400.00

Call For BSW Price



9100B 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 (Mono) Mfr. List \$4,550.00

Call For BSW Price

9100B2 (Stereo) Mfr. List \$6,350.00

Call For BSW Price

MODULATION SCIENCES**CP803RM
Composite Processor**

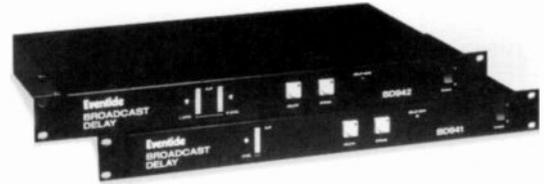
Sharpen your competitive edge by adding the CP803RM to your compressor/limiter/stereo generator to enhance the stereo composite signal. Increase your signal by 6 dB with greater dynamic range without the breathing, pumping or swishing associated with conventional processing.

Mfr. List \$1,495.00**Call For BSW Price****QEI****710
Digital Stereo Generator**

QEI's model 710 is a true digital numeric stereo generator contained in a single rackspace unit. Audio specs are superb with noise 90 dB down, THD and IMD distortion .008% typical, and greater stereo separation than current equipment can measure. It provides excellent pilot protection and pilot stability which reduces the effect of multipath in the receiver. Digital control means there's no need for constant re-alignment and open architecture allows for maximum flexibility of applications. Includes balanced/unbalanced analog inputs and digital input utilizing QEI's Q-Chain format.

Mfr. List \$3,500.00**Call For BSW Price****EVENTIDE****BD980
Broadcast Delay**

The Eventide BD980 Broadcast Delay makes talk shows flow smoothly with such good audio quality that many stations choose to keep it on-line around the clock. It's advanced digital CATCH-UP system allows convenient shifting from delay to real time, automatically and inaudibly, letting talent concentrate on the show. The BD980 can also be used in production for time expansion and compression without pitch change.

Mfr. List \$5,495.00**Call For BSW Price****EVENTIDE****BD941/942
Broadcast Delay**

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. All versions feature full bandwidth and inaudible distortion.

BD941 (Mono, 6 Second Delay)**Mfr. List \$1,795.00****BD942 (Stereo, 6 Second Delay)****Mfr. List \$2,395.00****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****245F
Stereo Synthesizer**

The Orban 245F stereo synthesizer has been designed to take any mono signal and create life-like pseudo-stereo. The patented Orban stereo synthesis technique causes no change in spectral balance, does not blur the transient definition and adds no audible noise or distortion to the mono original. Total mono/stereo compatibility.

Mfr. List \$495.00**Call For BSW Price**

AIR CORP



500PH Voice Processor

The 500PH is packed with features for broadcast like: 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 \$769.00

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 \$1,750.00

IPP100R (Remote Panel)

Mfr. List \$395.00

Call For BSW Price

ORBAN



787A Voice Processor

The 787A features three band parametric equalizer, compressor, de-esser, noise gate, compressor gate and optional ducker integrated in a compact, powerful system. Stores up to 99 different control setups in memory for instant recall.

Mfr. List \$1,450.00

Call For BSW Price

ROLLS



HR11C Microphone 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



528 Voice Processor

The 528 is a complete, self contained voice processor that performs five separate functions: mic preamp, de-esser, compressor/limiter, downward expander and parametric equalizer/notch filter. High density packaging allows all five signal processors to fit comfortably in a single rack space. With the 528 Voice Processor you get all the control you need, without the cost or complications of separate units.

Mfr. List \$679.00

Call For BSW Price

VALLEY INTERNATIONAL



400 Voice Processor

How do you emphasize your on-air personalities' impact? Give them a Model 400 mic processor from Valley International! To begin with, the Model 400 contains a high quality mic preamp, so you can go line level into your console. This is followed by a 3 band EQ section, a compressor/expander, a noise gate, and a de-esser. Controls are easy to use and layout fits in a single rack space unit.

Mfr. List \$679.00

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 \$499.00

Call For BSW Price

DBX**166
Compressor/Limiter**

Dual channel comp/limiter featuring noise gating with switchable release rate, hardware bypass, variable over-easy compression, side chain monitoring, and PeakStop® for transparent limiting. Rack mountable; low profile

Mfr. List \$499.00

Call For BSW Price

**160XT
Compressor/Limiter**

The 160XT delivers outstanding performance and easy to use operational flexibility in a slimline rack mount package. Its metering shows gain reduction of the compressed signal compared with either the input or the output level. Choice of over-easy or hard-knee operation, irrespective of compression ratio. Balanced inputs and outputs.

Mfr. List \$459.00

Call For BSW Price

**163X
Compressor/Limiter**

The 163X was designed for simplicity of without sacrificing in 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.

Mfr. List \$169.00

Call For BSW Price

ORBAN**424A
Dynamic Processor**

Here is one of the most complete, multi-function, audio processors available for the studio. The dual channel 424A features a compressor, limiter, and de-esser all in one package.

Features:

- Defeatable gate with adjustable threshold
- Compressor has adjustable attack and release time
- Extensive use of VCA's for low distortion
- Better than 25 dB de-ess gain reduction

Mfr. List \$1,150.00

Call For BSW Price

**464A
Compressor/Limiter**

The Orban 464A is a friendly, automatic "assistant operator" that smoothly and unobtrusively rides gain and limits peaks. The Orban 464A provides an unprecedented combination of versatility, audio quality and ease of use.

Features:

- Transparent gain riding without overshoots
- Release time and release shape are adjustable to optimize processing
- A defeatable "silence gate" prevents noise rush-up
- Two channels in a space saving, rugged, all metal 1 3/4" package

Mfr. List \$1,200.00

Call For BSW Price

**412A
Compressor/Limiter**

The Orban 412A is a basic, cost effective compressor/limiter with remarkably natural sound and extraordinary ease of use. A streamlined, straight-forward front panel offers the most demanded user controls, including attack time, release time, ratio and threshold. This is a no frills unit with all the essentials at a very attractive price.

412A (Single Channel) Mfr. List \$595.00 Call For BSW Price

414A (2 Channel) Mfr. List \$850.00 Call For BSW Price

Don't See It ? - Ask Us

This Catalog Represents Only A Fraction Of The Thousands Of
Items Available From BSW

RDL



STGCA1/STGCA2 Gain Controlling Amplifier

The STGCA1 is a high performance AGC that offers slow "inaudible" gain reduction. STGCA2 provides fast, automatic gain reduction for tighter dynamic control. Both units feature adjustable level and threshold and can be used anywhere you want to maintain uniform audio levels. The STGCA units are part of the Radio Design Labs family of "stick-on" products and require external power supply.

STGCA1 or STGCA2 Mfr. List \$94.95 ea.
Call For BSW Price
PS24A Power Supply \$13.95

RANE

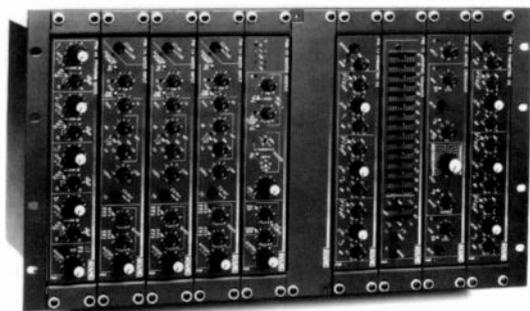


DC24 Dynamic Processor

Features:

- Independent stereo limiter, compressor and expander/gate functions
- Separate threshold and ratio controls for each operation
- Built-in 24 dB/octave crossover
- Gain reduction meters, threshold, signal and overload LED indicators
- Stereo or dual (slave) side chain switch and side chain insert jacks
- 3-pin balanced/unbalanced connectors with ground lift switch.

Mfr. List \$599.00 Call For BSW Price



FLEX SERIES Modular Signal Processors

Rane's Flex Series of modular signal processors are unique in their flexibility, quality and cost-effectiveness. Unlike other modular systems, there are no expensive mainframes required for operation. Each unit is self contained and ships with its own power supply. Units can be mounted horizontally (2 units side by side in 1RU) or vertically in a low cost rack frame that holds 10 units. Use them individually or combined in a comprehensive mixing/processing system. See next column for module descriptions.

RANE

Flex Series Continued



FPS28 Mic/Line Splitter/Distribution Amplifier

Two balanced mic/line inputs, Eight outputs, phantom power for mic inputs, stereo/mono switch. 1x8 barrier strip version available.
Mfr. List \$399.00

FSC22 2-Channel Stereo Compressor Limiter

2-channel compressor/limiter with balanced XLR and 1/4" ins & outs, switchable attack/release time and metering. 4-channel limiter also available.
Mfr. List \$399.00

FME15 Micro Graphic EQ

15 interpolating constant-Q 2/3 octave filters, input & output level controls, bypass switch.
Mfr. List \$299.00

FPE13 Parametric EQ

3 bands each with 20-20 kHz sweep range, 1/30 to 2 octave bandwidth range.
Mfr. List \$299.00

FPM42 Mixer Module

4-channel mic/line mixer with phantom power, balanced XLR ins, 1/4" TRS balanced out, pre/post AUX assigns. Mixer master module available.
Mfr. List \$429.00

FLM82 Stereo Line Mixer

Four stereo line inputs, two master outputs, two AUX outputs, stereo/mono switch.
Mfr. List \$399.00

FAT22 Active Transformer

2-channel gain & balancing isolation, stereo/mono switch, flex-buss & barrier strip in/out. level controls. Passive 10-4 balancing unit also available.
Mfr. List \$329.00

FVR10 Rack Frame (holds 10-units) Mfr. List \$55.00

FHL2 Horiz. Link Kit For 2 Modules Mfr. List \$15.00

FHB1 Single Unit Rack Adaptor Mfr. List \$39.00

FRS8 8-output power supply (2U wide) Mfr. List \$249.00

Call For BSW Prices And Complete Information

SYMETRIX



421 Automatic Gain Controller

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, 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 (ARM) circuit instantly distinguishes the difference between real signals (music and speech) and noise and feedback. 2 units required for stereo.

Mfr. List \$549.00 Call For BSW Price



425 Dual-Channel Compressor/Limiter/Expander

Features:

- Integrated Dynamics Processing includes downward expander, compressor and limiter
- Two independent channels which may be ganged for stereo operation
- Separate threshold controls for expander, compressor and limiter
- Balanced XLR or unbalanced 1/4" inputs and outputs.

The 425 is an outstanding value for all your studio processing needs.

Mfr. List \$579.00 Call For BSW Price



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 \$349.00 Call For BSW Price

SYMETRIX

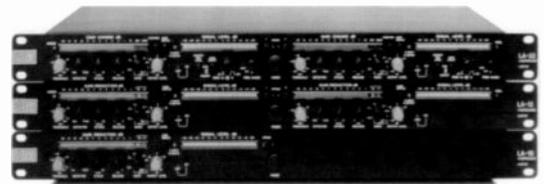


SX206 Dynamic Processor

The SX206 Multi Dynamics Processor is a single channel device that may be used as a compressor/ limiter, gate, downward expander, ducker, or slave (for stereo operation). An inventive blend of control techniques, implemented with a precision low-noise VCA, soft-knee transition, ultra stable feed-forward control, and +24 balanced output capability, gives the SX206 its outstanding sonic integrity.

Mfr. List \$329.00 Call For BSW Price

UREI



LA10, LA12 and LA22 Compressor/Limiters

LA Series compressor/limiters deliver transparent control over audio levels, employing Smart-Slope™ compression ratios. Ultra low noise circuitry and intelligent feature selection make the LA Series ideal for most demanding applications. The models LA10 and LA12 are single and dual channel versions that are perfect for most basic level control applications. For more elaborate and detailed control, choose the LA22. It features an expander, parametric EQ filter system for 'custom-tuning' frequencies to have gain reduction and expansion.

LA10 (Single Channel) Mfr. List \$595.00
LA12 (Dual Channel) Mfr. List \$895.00
LA22 (Single Channel) Mfr. List \$1,195.00

Call For BSW Price

VALLEY INTERNATIONAL

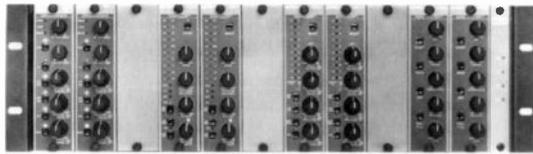


730 Digital Dynamics Processor

The single rack space 730 digital processor offers the following MIDI controlled, RS-232/422 or manually programmable stereo or two-channel operation modes: compression, expansion/gating, high frequency compression/limiting, digital level control and peak limiting. Many new and unique control functions are included for the ultimate in dynamic shaping. Multiple analog and digital I/O formats supported.

Mfr. List \$349.00 Call For BSW Price

APHEX

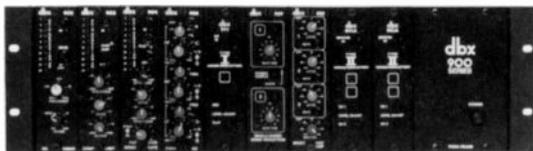


9000 SERIES Modular Processing System

Now the most popular Aphex units are available in mini-modules designed to be used in the 9000 Series modular rack system. Choose from the 9651 Expressor, 9611 Expander/Gate, 9301 Compellor, or 9251 Aural Exciter to configure your own custom processing system. 19" rack holds 11 units and is 3RU high. All modules have servo balanced inputs and outputs.

Price Based On Configuration

DBX



900 SERIES Signal Processing System

The 900 Series modular signal processing system from dbx packs up to 9 processing modules in a single 3 space rack. Fill it up with your choice of noise reduction, de-essers, compressor/limiters, noise gates, and parametric equalizers. Get all the details from your BSW sales representative.

Price Based On Configuration

UREI

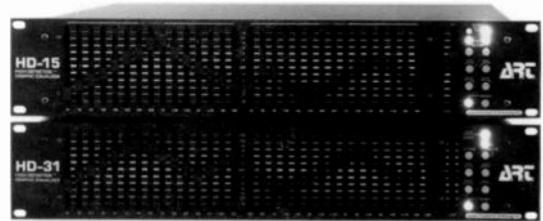


PLATFORM SERIES Signal Processing System

Urei's Platform Series offers modular processing and mixing with the added versatility of remote computer control. To date, modules include a mono mic/line input module with stereo outs and 2 Aux outs, a master output module with four separate outputs and 6-segment LED metering, a compressor/expander module with variable detection characteristics and de-essing/noise reduction functions. Modules can accommodate computer control of level, mute, bypass and metering functions. Additional modules available for storing module parameters with RS-232 or MIDI control.

Price Based On Configuration

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/ultra-sonic filters. Choose the single channel 31 band HD31 or two channel 15 band HD15.

HD31 Mfr. List \$435.00

Call For BSW Price

HD15 Mfr. List \$435.00

Call For BSW Price

DAX



1520 Graphic Equalizer

This dual channel EQ offers 15 bands of control (+12 dB boost or cut) on each channel plus XLR balanced inputs and outputs. Frequency response is 20Hz to 20kHz, +1 dB. THD is < .01% at 1 kHz, 0 dB output. SNR is 90 dB at 0 dBV output.

Mfr. List \$398.00

Call For BSW Price

DBX

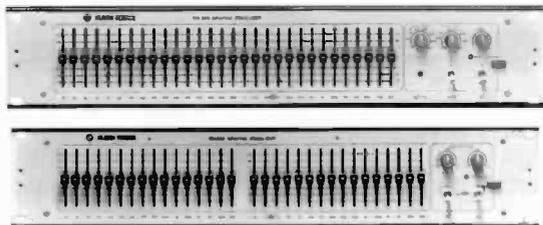


1531X Graphic Equalizer

A rear panel switch converts the 1531X from a single channel 31-band EQ to a dual-15 band EQ...Now that's versatile! Fader throw is selectable for +15 dB or +7.5 dB and a high pass filter is selectable via a front panel switch, with a choice of 3 turnover frequencies (20, 60, or 120 Hz).

Mfr. List \$419.00

Call For BSW Price

KLARK-TEKNIK**DN300 SERIES
Graphic Equalizers**

Klark-Teknik equalizers have been known for years for their superior reliability and precision performance. The 300 Series is made up of three basic configurations: single channel 1/3 octave, dual channel 2/3 octave and dual channel 1/3 octave. There is a cut only model available in 1/3 octave and a choice of active balanced or transformer outputs on all models.

From \$749.00 Mfr. List

Call For BSW Price

ORBAN**642B
Parametric Equalizer**

The Orban 642B is a 4 band, dual channel parametric equalizer offering overlapping tuning (20:1 frequency range) with 16 dB boost and 40 dB cut in each band. Bandwidth is variable from about 5 to 1/4 octaves ("Q": 0.29 to 5.0). "Constant-Q" design facilitates precise tuning of notches. Front panel cascade switch permits use as either a two channel 4 band or one channel 8 band equalizer. Noise and distortion specs significantly better than 16 bit digital. Active balanced inputs and outputs with optional output transformer.

Mfr. List \$1,200.00

Call For BSW Price

RANE**MQ15/MQ30
Graphic Equalizers**

The MQ15 is a 2 channel, 2/3 octave, 15 band EQ and the MQ30 is a single channel unit with 15 bands (1/3 octave). These one space equalizers feature Rane's constant bandwidth (Q) interpolating filters for precise control with reduced ripple and interaction. Adjacent filters may be used to achieve curves with peaks in between the center frequencies of the filters (interpolating characteristics). Range switches for the 20mm faders, input and output level controls plus XLR, barrier strip and TRS connectors make these units amazingly full-featured for their size and price.

MQ15 Mfr. List \$499.00

Call For BSW Price

MQ30 Mfr. List \$499.00

Call For BSW Price

RANE**GE30
Graphic Equalizer**

The Rane GE30 is an extremely high-performance, single channel, 1/3 octave equalizer featuring constant bandwidth (Q) filters. Adjacent filters may be used to achieve curves with peaks in between the center frequencies of the filters (interpolating characteristic). Other characteristics unique to the GE30 are the ability to switch between boost/cut or cut-only mode, a choice of active or transformer-balanced outputs and adjustable low and high pass filters. Inputs and outputs are balanced, connectors include barrier strips, XLRs and 1/4" TRS.

Mfr. List \$749.00

Call For BSW Price

**PE15
Parametric Equalizer**

The Rane PE15 is a single channel 5-band parametric equalizer and full-function notch filter set with filters that can be tuned as narrow as 1/30th of an octave. All bands overlap, each one covers a 4-octave range with 15 dB of boost and 20 dB of cut, and the end bands can be switched to shelving mode. All equalization parameters (amplitude, frequency and bandwidth) are completely independent.

Mfr. List \$399.00

Call For BSW Price

SYMETRIX**SX201
Parametric Equalizer**

The Model SX201 is a high performance studio quality parametric equalizer/notch filter designed to handle both low level and line level inputs. Three fully parametric bands of equalization are provided, 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). Distinguished by its superb sonic integrity, extremely low noise and low distortion performance, the SX201 delivers uncompromising quality in a remarkably compact 1/2 rack package.

Mfr. List \$279.00

Call For BSW Price

ART



MULTIVERB ALPHA SE Stereo Effects Processor

The Multiverb Alpha S.E. is ART's latest and greatest effect processor that takes advantage of their new V.L.S.I. superchip for even more great sounding effects at a very reasonable price. Expanded memory gives the Multiverb Alpha S.E. room for 404 presets and 200 locations for your own custom patches. Choose from over 50 effects including: pitch transposing, sampling, programmable 7-band EQ and a host of reverbs, choruses, delays and more. Stereo inputs and outputs included. Upgrade kits are available for Alpha 2.0 users.

Mfr. List \$549.00

Call For BSW Price



DRX2100 Stereo Effects Processor

If you need one box that does it all then you need DRX2100 S.E. It offers all of the new features of the Multiverb Alpha S.E. and adds a full function dynamics processing section including a programmable compressor, limiter, exciter, noise gate, expander, acoustic environment simulator and a tone generator. The DRX2100 S.E. is capable of producing 11 simultaneous audio functions and is fully MIDI controllable.

Mfr. List \$639.00

Call For BSW Price



FXR/FXR ELITE 2 Channel Effects Processor

Three years of development have gone into ART's new 24-bit super-chip and the first products utilizing it are now available. The FXR and FXR Elite effects units provide 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 \$219.00

Call For BSW Price

FXR ELITE Mfr. List \$299.00

Call For BSW Price

DIGITECH



TSR24 Stereo Effects Processor

DigiTech's new processing chip (S-DISC™) gives the TSR-24 unparalleled processing power. This fully configurable, expandable digital reverb and effects processor is true stereo with multiple in/out configurations maintaining 24-bit signal path with 48-bit internal data resolution for stunning effects. Features multiple dynamic effects capability, continuous MIDI control on all parameters and much, much more.

Mfr. List \$799.95

Call For BSW Price

LEXICON



LXP SERIES Effects Processors

20 years of digital processing experience gives the LXP Series of processors that classic Lexicon sound in affordable packages. Choose from the half-rack space LXP1 with 16 basic factory presets that can be edited and stored in 128 locations, the half-rack LXP5 with 64 factory presets including pitch shift, or the LXP15 with 128 presets and the ability to combine the precise effects you need. All units feature Lexicon's dynamic MIDI that allows parameters to be modified via an external controller such as the Lexicon MRC or other midi compatible controllers.

LXP1 Mfr. List \$549.00

LXP5 Mfr. List \$549.00

LXP15 Mfr. List \$1,049.00

MRC Mfr. List \$399.00

Call For BSW Price

EVENTIDE



H3000B Broadcast Ultra-Harmonizer

In addition to offering natural sounding reverbs and delays, the H3000B allows broadcasters the ability to create special effects and character voices quickly, at the push of a button. Built-in stereo audio time compression and expansion make changing the running time of pre-recorded material a snap. Optional HS322 internal digital sampler option with 23 second mono, or 11 second stereo sampling available. The H3000B/SE includes a Vocoder and Instant Phaser® plus 175 factory presets.

H3000B Mfr. List \$2,995.00

Call For BSW Price

H3000B/SE Mfr. List \$3,595.00

Call For BSW Price

HS322 Mfr. List \$995.00

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. These include accurate reverberation, delay and echo effects, a versatile compressor, a low-level expander, a harmonic exciter, freeze (sampling) programs and others. 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 \$1,699.00**Call For BSW Price****SPX990
Effects Processor**

Yamaha's SPX990 professional multi-effect processor offers unprecedented signal processing quality and control. 20-bit A/D and D/A conversion and a three-stage effect configuration make it easy to achieve a really "polished" sound. SPX990 also features a true stereo (2-in/2-out) configuration that is ideal for processing stereo sources. It has 80 preset effect programs and 100 memory locations for your own custom presets. The SPX990 also accepts external memory cards that can store up to 100 effect programs each. A range of new effects makes the SPX990 more expressive than ever with reverbs, pitch change effects, tempo-based delays and much more.

Mfr. List \$1,099.00**Call For BSW Price****EMP100
Effects Processor**

The EMP100 provides a wide selection of professionally-tuned effects that are easier than ever to use-yet surprisingly affordable. 100 factory presets feature reverbs, early reflections, pitch changes, delays, modulations, and several effect combinations. Presets can be modified and stored in 50 user memory locations.

Mfr. List \$359.00**Call For BSW Price****APHEX****104
Type C² Aural Exciter**

The 104 is Apex'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****ORBAN****290RX
Adaptive Enhancement Processor**

Here is the cure for dull over-processed audio...the 290RX. This two channel problem solver features harmonic and spectral restoration to add sparkle and just the right amount of high frequency content to restore shimmer to a dull signal without introducing IM distortion. Single ended noise reduction with separate downward expansion and bandwidth adjustments zero in on unwanted noise.

Mfr. List \$1,200.00**Call For BSW Price**

CRL



DX2 Noise Reduction

The DX2 incorporates patent pending 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

DBX



140X/150X Noise Reduction

Again and again professionals turn to dbx for quality, dependable noise reduction for all their critical recording needs. These compact, 1/2 rack width units give you two channels of encode/decode noise reduction. The 140X is designed to be used with low band-width audio sources, such as cassette recorders or other audio recorders that operate at 7.5 ips or slower. The 150X is perfect for full bandwidth digital systems or analog recorders operating at 15 ips or faster. Both units feature balanced 1/4" TRS inputs and outputs.

140X Mfr. List \$319.00

Call For BSW Price

150X Mfr. List \$319.00

Call For BSW Price

ROLAND



SN-550 Digital Noise Eliminator

The SN-550 is a 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. The noise cancel section employs a unique multi-band downward expanding system that attains exceptional noise elimination while preserving the sound's original character. The hum cancel section enables AC line hum or buzz from CRT displays and dimmers to be isolated and removed, a capability never before offered on noise reduction units. The SN-550 is a two channel, single ended system.

Mfr. List \$2,095.00

Call For BSW Price

RADIO SYSTEMS



RS² Dolby S Noise Reduction

The Radio Systems RS² is an audio processing system for high quality, low noise tape reproduction featuring up to 24 dB of noise reduction and 90 degrees of phase error correction. It solves the two toughest problems of analog audio: noise and phase error. The result is sound quality equal to the performance of digital, without the cost of uncertainty in converting to unproven formats.

The encode-decode noise reduction technology features Dolby S-Type multi-band noise reduction. When used with broadcast type cartridge systems, internal automatic tone generators and decoders enable the system to "recognize" Dolby encoded carts, allowing the mixing of encoded and non encoded material. Additionally, automatic phase correction is employed via Radio Systems' proprietary phase system.

RS is packaged in a single high rack unit frame. The frame incorporates the power supply and up to three stereo encode and decode cards, in any user-selected combination.

Mainframe (Holds 3 Encode/Decode Cards)

Mfr. List \$495.00

Encode Card

Mfr. List \$595.00

Decode Card (Dolby and Phase Correction)

Mfr. List \$595.00

Phase Correction Card

Mfr. List \$495.00

Call For BSW Price

SABINE



FBX900 Feedback Reduction

The FBX900 Feedback Exterminator from Sabine is a DSP controlled filtering device which automatically finds and eliminates feedback. Designed primarily for use in sound systems, the FBX900 is also perfect for studios where live monitors are being employed. Think of this unit as a nine band parametric notch computer that is constantly sampling the audio searching for a frequency that is approaching feedback and notching it out. Easy set up with a simple push button insures that a rocket scientist is not required to operate the FBX900. Several customers report a 20-30% increase in system gain before feedback.

Mfr. List \$599.95

Call For BSW Price

CONEX



**CS25B
25 Hz Tone Sensor**

The Conex CS25B is a compact and reliable bridging-type 25 Hz tone sensor for use in broadcast automation and tape control systems. The unit features two independent sensors so only one unit is needed for two recorders.

CS25B Mfr. List \$417.00
CS25B11 (With Stereo High-Pass Filter) Mfr. List \$502.00
 Call For BSW Price



**CG25A
25 Hz Tone Generator**

The CG25A allows you to put 25 Hz tones on your own tapes. Use with automation systems or live assist operations. Timing intervals, tone levels adjustable. Rack option available.

Mfr. List \$420.00 Call For BSW Price

SONAR



**MARK I
Bulk Eraser**

For audio tape degaussing, the Mark I from Sonar offers outstanding value. For all tape formats from cassettes to carts to open reel, the Mark I is a wise choice.

Mfr. List \$79.00 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 \$69.95 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 \$135.00 Call For BSW Price

AVSC



**409
Bulk Eraser**

Completely erases all audio, video, instrumentation tapes and magnetic films. Reel sizes up to 16 inches can be accommodated.

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

FIDELIPAC



**400/395
Bulk Eraser**

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 \$140.00 Call For BSW Price
395 Mfr. List \$80.00 Call For BSW Price

GARNER



Bulk Erasers

It takes just 4 seconds to erase all sizes and types of audio tape with Garner Degaussers. Just hit the power button and drop any reel or cartridge on the endless belt. You now have a clean, "no whump" erasure. Ten models to choose from starting at \$1,350.00.

HOSA

Single Audio Cables

These handy patch cables make audio connectivity a snap. Precision-moulded terminations, braided shields, heavy-duty insulation, and Hosa's 5-year warranty. Dual cables, MIDI cables and special adaptor cables also available.

- CRA-105 RCA - RCA, 5 ft.
- CRA-110 RCA - RCA, 10 ft.
- CRA-115 RCA - RCA, 15 ft.



- CPR-105 RCA - 1/4" Phone, 5 ft.
- CPR-110 RCA - 1/4" Phone, 10 ft.
- CPR-115 RCA - 1/4" Phone, 15 ft.



- CPP-105 1/4" Phone - 1/4" Phone, 5 ft.
- CPP-110 1/4" Phone - 1/4" Phone, 10 ft.
- CPP-115 1/4" Phone - 1/4" Phone, 15 ft.



- CSS-105 1/4" Stereo - 1/4" Stereo, 5 ft.
- CSS-110 1/4" Stereo - 1/4" Stereo, 10 ft.
- CSS-115 1/4" Stereo - 1/4" Stereo, 15 ft.



- PXF-105 1/4" Phone - XLR(F), 5 ft.
- PXF-110 1/4" Phone - XLR(F), 10 ft.
- PXF-115 1/4" Phone - XLR(F), 15 ft.

Adaptors

Here are some of the most popular Hosa adaptors. Other configurations available.

- GPR-101 1/4" Phone (M) - RCA(F)
- GPR-104 RCA(M) - 1/4" Phone(F)
- GPP-105 1/4" Phone(F) - 1/4" Phone(F)
- GRA-101 RCA(F) - RCA(F)
- GXX-145 XLR(F) - XLR(F)
- GXX-144 XLR(M) - XLR(M)
- GXF-132 RCA(F) - XLR(F)
- GXM-133 RCA(F) - XLR(M)
- GXR-134 RCA(M) - XLR(M)
- GXR-135 RCA(M) - XLR(M)
- GXP-143 XLR(F) - 1/4" TRS



All Items Under \$16.00 Mfr. List Call For BSW Pricing

Multi-channel Audio Snakes

Hosa multi-channel snakes are great for connecting multi-track tape decks and digital systems to your audio console. Available in a number of sizes with virtually any combination of 1/4", RCA and XLR connectors.

Prices Based Upon Configuration

HOSA



WTI148 Velcro Cable Wrap

8" black velcro coated strap for securing cable runs etc. Pkg. of 5
BSW Price \$2.90



WTI172/WTI173 Plastic Cable Ties

Standard plastic wire ties in 8" and 10" lengths. Pkg. of 20

WTI172 BSW Price \$2.60

WTI173 BSW Price \$2.90

PANDUIT



Wiring Duct

Width: 2 inches, Height: 2 inches, Length: 6 feet. Includes cover.
BSW Price \$26.95

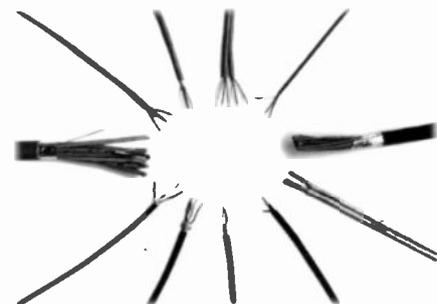
BELDON

GEPSCO

PROCO

WEST PENN WIRE

WHIRLWIND



Wire/Cable Products

BSW supplies virtually every type of wire, cable, cable assembly and connector 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.

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.

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



2100C SERIES Cartridge Machines

No other cart machine combines the value and economy of the 2100C's. For example, the Series 2100C include two cue tones (1 kHz and 150 Hz) as a standard feature. Flat response, long life heads offer superb performance and the direct drive transport ensures maximum reliability. Features include: Exclusive mono/stereo switching, precision machined deck with improved cartridge guidance system, direct drive transport, and low-voltage air damped solenoid.

2100CPS (Stereo Play) Mfr. List \$1,100.00
 2100CP (Mono Play) Mfr. List \$1,250.00
 Call For BSW Price



ST90 Eraser/Splice Finder

For fast, reliable erasure and splice detection, you can't beat the ST90 Splice Track. Running at 27.5 ips, it zips through carts providing a minimum of 85 dB of audio erasure. Splice detection is virtually 100% accurate because Splice Track senses the thickness of the splice itself rather than using the less reliable photocell method.

Mfr. List \$1,150.00 Call For BSW Price

FIDELIPAC



CTR100 SERIES Cartridge Machine

With the CTR100 Series machines it is possible for you to intermix mono and stereo carts, elevated and standard levels, plus matrix record and playback, using the same machine. Simply attach a CARTSCAN label to your carts and the CTR100 automatically changes the characteristics of the machine electronically.

Features: Bar graph LED level indicators • Front panel diagnostics • Secondary and tertiary cue tones • Fast forward • Two speed played flashing indicator • Splice finder • Front panel 1 kHz add and defeat • DC servo drive motor • Audio switcher and mixer • On-board test oscillator • Played restart disable

CTR112 (Stereo Play) Mfr. List \$2,880.00
 CTR124 (Stereo Record/Play) Mfr. List \$4,830.00

Call For BSW Price



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 Price



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 \$1,190.00 Call For BSW Price

ITC

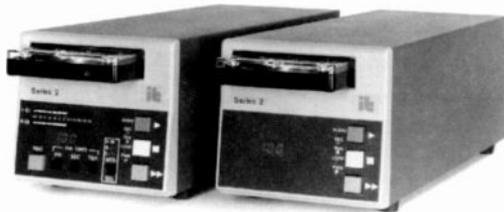


SERIES 1 Cartridge Machines

The newest advances in mechanical and electrical 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 \$3,230.00
SERIES 1 PS (Stereo Playback) Mfr. List \$2,075.00

Call For BSW Price
 Mono Units Available

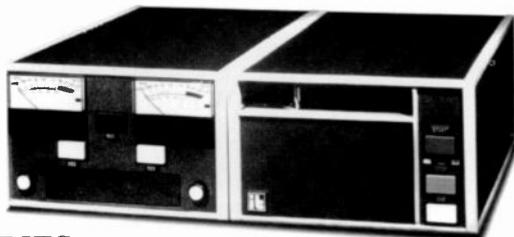


SERIES II Cartridge Machines

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

SERIES II RPS (Record/Play Stereo) Mfr. List \$3,880.00
SERIES II PS (Play Only Stereo) Mfr. List \$2,515.00

Call For BSW Price
 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

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. Features include:

(Playbacks) Replay lock-out to prevent accidental replay errors
 • Manual or automatic muting of output audio • Cue status indicators
 • Mute lamp to indicate audio on or off status • Automatic motor turn-off

(Record-Plays) 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)

DLPM (Playback, Mono) Mfr. List \$920.00
DLPS (Playback, Stereo) Mfr. List \$1,000.00
DLRM (Record/Play, Mono) Mfr. List \$1,290.00
DLRS (Record/Play, Stereo) Mfr. List \$1,480.00

Call For BSW Price
 Dual Transport Units Available

OTARI



CTM10 SERIES Cartridge Machines

The microprocessor-controlled CTM10 offers the high performance, outstanding features, and "workhorse" reliability for which Otari products are known.

Outstanding features include: 3 available tape speeds, Dolby HX-Pro™ bias optimization, front panel headphone jack, cue tone recording independent of audio tracks, ±6% vari-speed, and 1/2" precision milled deckplate. These machines also feature selectable tape speed (15, 7.5 or 3.5 ips), Dolby HX-Pro bias optimization circuitry, and a wealth of other features.

CTM10 (Mono/Stereo Play) Mfr. List \$2,305.00
CTM10M (Mono/Record Play) Mfr. List \$2,567.00
CTM10S (Stereo/Record Play) Mfr. List \$2,830.00
CTM10R (Record Electronics) Mfr. List \$1,418.00

Call For BSW Price
 CTM10R Required For All Recording Units

TAPECASTER



900 SERIES Cartridge Machines

The 900 Series machines from Tapecaster contain features most other machines have without the high price tag. Three units can be mounted side-by-side in the rack.

Features:

- Cartridge replay indicator • 3 cue tones • Manual or automatic fast forward • Replay lockout • LED level meter • Audio mute on fast forward • Toroid power transformer • Active balanced outputs

900P (Playback Mono)	Mfr. List \$1,295.00
900PS (Playback Stereo)	Mfr. List \$1,395.00
900RP (Record/ Play Mono)	Mfr. List \$1,795.00
900RPS (Record/Play Stereo)	Mfr. List \$1,995.00

Call For BSW Price



X701 SERIES Cartridge Machines

Look no further for the best value in cart machines. Tapecaster has long been established for great performance at a pleasing price.

Features:

- Precision adjustable head bracket • Super-torque hysteresis synchronous motor • Heavy duty air-damped solenoid

X701P (Playback Mono)	Mfr. List \$900.00
X701PS (Playback Stereo)	Mfr. List \$1,035.00
X701RP (Record/ Play Mono)	Mfr. List \$1,220.00
X701RPS (Record/Play Stereo)	Mfr. List \$1,455.00
X701RPD (Mono Delay)	Mfr. List \$1,350.00

Call For BSW Price

Acquire The Equipment You Need
Without Jeopardizing Your Cash Flow!

Ask Us About *FlexLease* financing

BROADCAST ELECTRONICS



DISC TRAK SERIES Digital Cartridge Machines

Broadcast Electronic's Disc Trak digital cart machines allow you to take advantage of the latest digital technology while maintaining the familiar look and operation of a standard analog cart machine. Using inexpensive 3 1/2 inch floppy discs as the removable medium, these machines incorporate 16-bit linear digital technology to deliver superior audio quality matching that of CD, DAT and other digital sources. Low priced floppy discs house all of your commercials, jingles, music and any program material you now store on analog carts. With the Disc Trak you can say good-bye to phase error, wow and flutter, tape hiss and other problems associated with analog carts.

Features/Benefits

- Available in both record/play and play only configurations
- Cueing is instantaneous
- Up to 8 separate cuts can be placed on a single disk
- Powerful playback options include single play, sequence and loop
- Choice of 4 different sampling rates
- Auto recognition of sampling rate and stereo/mono selection
- LCD read-out gives cart label information
- Count down timer showing cut end
- Recognizes standard console start/stop logic commands
- Balanced XLR in/out
- Rugged construction deliver years of dependable service

Recording Time

Sampling Rate	2 MB Disk	4 MB Disk.
48 kHz	34 sec.	74 sec.
44.1 kHz	36 sec.	81 sec.
32 kHz	51 sec.	112 sec.
22.05 kHz	73 sec.	162 sec.

All times shown are stereo. Double the above times for mono.

DC300 (3 stack player/recorder - one slot records)	Mfr. List \$4,995.00
DC30 (3 stack playback)	Mfr. List \$3,450.00
DC10 (single playback)	Mfr. List \$2,800.00
2MB Disc	Mfr. List \$1.00 ea.
4MB Disc	Mfr. List \$5.50 ea.

Call For BSW Price

FIDELIPAC



DCR1000 SERIES Digital Cart Machine

Fidelipac's DCR1000 provides CD quality to the broadcaster with the same familiar operational characteristics as analog cart machines. The difference is that DCR1000 uses low cost, 3 1/2" high density floppy discs. A 13MB disc provides over 5 minutes of stereo audio with 15 kHz bandwidth. A standard 2MB floppy holds 60-second commercials. 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 machines, without the maintenance hassles. DCR1000's only mechanical component is the diskette drive, which can be replaced quickly and easily for less money than the cost of new analog heads.

There is a countdown timer built in as well as a clock/calendar that can check commercials against their kill dates. An RS232/422 port is provided for machine control or logging output. There is also a port provided for a standard PC keyboard. Though a keyboard is not required for operation, it does allow additional features such as disk titling, length marking of recording, cue tone editing, cut preview and tightening. You can even print disc labels via the parallel printer port. Other features include multiple sampling rates, start on audio, extended scale peak metering 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 Price



SRC Digital Sampling Rate Converter

Fidelipac's microprocessor controlled Sampling Rate Converter receives stereo digital audio signals conforming to AES/EBU, IEC958, S/PDIF or Optical in professional or consumer mode at any frequency and outputs it at either a user programmable sampling rate or synchroized to a second, reference digital audio signal. The Sampling Rate converter is available as a stand-alone or rack mount unit complete with external power supply and connectors.

The inputs are transformer coupled and have 110 Ohm termination. The external reference signal has the same specifications as the audio input signal. The digital audio input can be selected by one of the three front panel switches. Output signal conforms to the AES/EBU standard, switchable between professional and consumer format specifications, and is transformer balanced.

Mfr. List \$1,290.00 Call For BSW Price

360 SYSTEMS



DIGICARTII Digital Cart Machine

DigiCart/II builds on the success of the original DigiCart with even more powerful software, greater storage options, and enhanced remote control capabilities.

DigiCart/II makes flawless 16-bit recordings, either in linear mode or with Dolby AC-2 data reduction for extended recording times. And in playback mode it's never been easier to instantly access a vast number of cuts with just a few keystrokes. Simply make a selection, hit play, and audio's rolling before your finger leaves the button.

Ad a new creativity and efficiency to your work with DSP editing functions that produce smooth fades, seamless loops and precision edits, with speed and finesse.

Playback options range from locate and play of a single cut to programmed playlists. Playlist can range from simple strings of cuts selected on the fly to complex groups of linear or rotating stacks linked together.

There are three new remote control options that expand the DigiCart/II's playback capabilities for production or on-air operation (see next column). And the DigiCart/II is capable of connecting with automation and satellite control systems.

Files of any length, from seconds to hours can be recorded in stereo at 48 K, 44.1 K, or 32 K sampling rates. To simplify recording, the DigiCart/II can drop into record mode when audio is detected at a preset level. Optional Dolby AC-2 coding yields over five times as much storage with truly professional audio quality.

DigiCart/II comes standard with a high reliability hard disk that stores almost two hours of audio. If more is needed, a mid size disk offers three hours plus. And for really big storage, the 1 gigabyte disk holds 8 hours of 20 kHz stereo.

New multi-format Bernoulli removable disks in 30, 49 and 68 minute sizes make the perfect medium for transferring audio files from one machine to another.

Expanded storage capacity can be achieved by supplementing DigiCart/II with its companion Hard Disk System. The HDS houses up to five drives for additional storage of 40 hours.

2002 DigiCart/II with 200 MByte Drive	Mfr. List \$4,995.00
2005 DigiCart/II with 500 MByte Drive	Mfr. List \$5,995.00
2010 DigiCart/II with 1 GigByte Drive	Mfr. List \$7,250.00
HDS201 Expansion Chassis, 1-200 MB drive w/power	Mfr. List \$1,990.00
HDS501 Expansion Chassis, 1-500 MB drive w/power	Mfr. List \$2,990.00
HDS1001 Expansion Chassis, 1-1 GB drive w/power	Mfr. List \$4,290.00
DMF65 Single 65 MB Bernoulli Disk	Mfr. List \$4,290.00
DMF105 Single 105 MB Bernoulli Disk	Mfr. List \$4,290.00
DMF150 Single 150 MB Bernoulli Disk	Mfr. List \$4,290.00

Call For BSW Price

360 SYSTEMS



RC220/210/205 Direct Access Remote Controls

Each of these remote controls is designed for specific applications and feature basic transport controls as well as individual items like menus, pause, loop, and cut select. The remotes can select audio files in three ways: by index number, by cut name/title and via assignable hot keys.

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. Front panel keys appear as function keys.

RC220 Mfr. List \$745.00
RC210 Mfr. List \$595.00
RC205 Mfr. List \$130.00

Call For BSW Price
Call For BSW Price
Call For BSW Price

SONY



MDSB1/MDSB2 Digital Cart Machines

These professional play and record machines utilize Sony's new MiniDisc format offering features 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, random music sensor, end of message indicator, supplied remote control and balanced analog XLR inputs and outputs.

MDSB1 Mfr. List \$3,000.00 **Call For BSW Price**
MDSB2P Mfr. List \$2,200.00 **Call For BSW Price**

STL



TEST CARTS

BSW carries the complete line of STL tape products. All you need to do when ordering alignment carts is specify your favorite cart shell and bias preference.

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 \$19.95 per roll

FIDELIPAC



326
Height Gauge
BSW Price \$26.20

328
Head Insertion Gauge
BSW Price \$7.00

387
Right Angle Zenith
BSW Price \$31.50

Lubricated Tape For Carts

AUDIOPAK



FORMULA 17(605) Standard Output

17918100 (1800' Reel)

17942605 (4200' Hub)

17984605 (8400' hub)

**Sold In Case Lots Only*

BSW Price \$15.80

BSW Price \$20.00

*BSW Price \$30.00

Q17(613) HOLN

17618613 (1800' Reel)

BSW Price \$19.00

ITC

219

High Output/Low Noise

2191440HPB (4000' Hub)

BSW Price \$60.00

AUDIOPAK



AA4 Stereo Cartridge

The key feature of the AA4 is the SGS4 broadcast mastering tape which offers nearly 5 dB higher saturation headroom at 16 kHz (71/2 ips) compared to the HOLN Tape in AA-3 cartridges. No bias adjustment is usually necessary when recording on machines optimized for HOLN or other "hot" tapes.

AA3 Stereo Cartridge

Precision molding provides highly accurate tape guidance inside the cartridge for excellent stereo phase stability. Tough, reinforced plastics resist warping and damage due to severe mishandling, thus assuring the phase will not change under any conditions for the life of the cartridge.

AA2 Mono Cartridge

The most popular cartridge on the market for monaural broadcasting. Standard bias tape in the familiar black shell.

ITC



ITC CART II Stereo Cartridges

The innovative design of this cart combined with its superior mastering tape formulation offer you performance capabilities far beyond what you have come to expect from broadcast cartridges. 1.5 mil tape and unique padless tape path greatly prolong the usable life of the carts, making them a good investment for your cart dollars.

Call BSW With Your Cart Requirements
We Offer Competitive Prices And Outstanding Delivery

FIDELIPAC



DYNAMAX COBALT Stereo Cartridge

A new generation cartridge loaded with broadcasting's first cobalt tape, the Dynamax shell is constructed of high grade engineering plastic for more strength, greater heat stability and dimensional accuracy. The new cobalt tape provides extra headroom necessary when carting CD's.

MASTERCART Stereo Cartridge

The Mastercart provides maximum stereo phase tracking and performance at standard operating levels.

300 SERIES Mono Cartridge

The widely used grey cart has been the workhorse of the industry since 1962.

Call For BSW Competitive Prices
And Outstanding Delivery

DENON
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, $\pm 12\%$ 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

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, $\pm 12\%$ 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 \$1,299.00

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 and plug it in - its that easy.

112MKII Mfr. List \$829.00

Call For BSW Price

LA112 Balance Kit Mfr. List \$100.00 Call For BSW Price

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

PMD510 Mfr. List \$799.00

Call For BSW Price

PMD500 Mfr. List \$599.00

Call For BSW Price

TECHNICS
RS-DC10
DCC Recorder

Technics has arrived with the next audio revolution...Digital Compact Cassette. This technology gives you the best of both worlds: the fidelity and versatility of digital recording, plus technologies perfected by years of analog audio cassette research. You will be able to playback analog cassettes, plus record and playback the new DCC format on one machine. DCC uses a stationary digital record/play head. Audio quality yields a dynamic range equal to a compact disc. Text can also be stored. For example, while playing pre-recorded tapes, a touch of the text button will display album title, track title, and artist name. Tapes are the same size as standard cassettes but have a protective metal sleeve that shields the tape.

Mfr. List \$999.95

Call For BSW Price

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

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

TEAC



V370/RK2 Cassette Deck

Features:

- Center mounted transport • Hard permalloy record/playback head
- Dolby B NR • 2-color LED level meter • 3-position tape selector
- Auto stop • Includes RK2 rack mount kit

Mfr. List \$147.95

Call For BSW Price



W410/RK2 Dual Cassette Deck

Features:

- Double deck continuous playback • High/normal speed editing
- Dolby B NR • 2-color LED level meter • 3-position tape selector
- Auto stop • Includes RK2 rack mount kit

Mfr. List \$187.95

Call For BSW Price

TECHNICS



RSTR232/RK4 Double Cassette Deck

Features:

- Auto reverse (deck 2) • High/normal speed editing • Dolby B&C NR
- Cue and review • Full-logic solenoid feather-touch transports
- 18-hour series play • Front panel headphone jack • Timer record/play capability • Includes RK4 rack mount kit

Mfr. List \$239.95

Call For BSW Price

MARANTZ



PMD SERIES Portable Cassette Recorders

Without a doubt, Marantz makes the most popular portable cassette recorders used in broadcast. The PMD Series machines include the following features: 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 (except PMD430), switchable limiter, built-in electret condenser microphone and monitor speaker. Other 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.

PMD201 2 Head Mono	Mfr. List \$319.00
PMD221 3 Head Mono	Mfr. List \$389.00
PMD222 3 Head XLR Mic Input	Mfr. List \$419.00
PMD430 3 Head Stereo (Includes Case)	Mfr. List \$599.00

Accessories:

CLC221 Vinyl Carrying Case	Mfr. List \$40.00
RB430 Rechargeable Battery Pack	Mfr. List \$75.00
CA221PMD Car adaptor for 12 volt	Mfr. List \$60.00

Call For BSW Price

FSK221 PMD Field Support Kit

For professionals on the go, the FSK221 contains a host of repair parts for your PMD Series recorders facilitating quick and easy repairs in the field. Housed in a durable plastic case with handle, and easily fitted into a briefcase, are jacks, knobs, belts, buttons, screwdriver, screws, and cassette lid parts.

Mfr. List \$60.00

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 \$925.00

Call For BSW Price

PANASONIC



RQL335 Portable Cassette Recorder

Features:

• AC/Battery operation • Includes AC adaptor/recharger and Ni-Cad Batteries • Built-in condenser mic with sound level equalizer (SLE) • Three tape speeds • Auto-stop and pause • LED indicator (record/battery and SLE) • One touch and voice activated recording • Cue and review • Tone control (HI/LO) • Tape counter • Jacks: DC-in, ext. mic, monitor

Mfr. List \$54.95

Call For BSW Price

YAMAHA



MT120 Cassette Mini Studio

Here's a mini production studio you can fit into your briefcase. The MT120 includes a 4-track recorder, 4 channel mixer, extensive patching network, and a graphic EQ all in one compact unit. This is no toy. Features and specs are suitable for professional use.

Mfr. List \$529.00

Call For BSW Price

TASCAM



488 8 Track Portastudio

The 488 Portastudio is a compact 8-track cassette/mixer studio that is both easy to use and affordable. Features: 2 mono mic/line inputs, 6 mono and 2 stereo line input, 4 independent group outputs, 2 effect sends, 2-band EQ on channels 1-8, auto locate to 2 memory points, 8-track and stereo metering, dbx noise reduction.

Mfr. List \$1,799.00

Call For BSW Price

BSW



Custom Loaded Cassettes

BSW cassettes are custom loaded in standard lengths including 5, 10, 20, 30, 45, 60, and 90 minutes, with custom lengths available for the asking. Three grades of tape are available: VC voice quality, MC music quality (HOLN), HB (high bias chromium compatible). Quantity price breaks are available. Minimum quantity is 25 cassettes.

Cassettes are always listed in total recording time.

i.e. VC60 has 30 min. per side, VC10 has 5 min. per side

PRICES

VC5 .47 ea. VC10 .48 ea. MC60 .78 ea. MC90 .99 ea.
MC5 .55 ea. MC10 .57 ea. HB60 \$1.02 ea. HB90 \$1.28 ea.

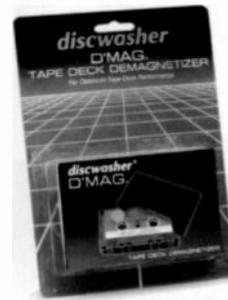
CASSETTE BOXES / LABELS

CLEARBOX (clear hard shell box) BSW Price .14 ea. 100+ .12ea.
POLYBOX (soft semi-clear box) BSW Price .22 ea. 100+ .19 ea.
CASSSHW (sheet of 12 white labels) BSW Price .25 ea. 100+ .21 ea.

DISCWASHER



FG1230



FG1450



FG1230 Cassette Head Cleaner

Perfect Path® safely removes tape oxides and contamination from delicate tape heads.

Mfr. List \$4.95

Call For BSW Price

FG1450 Cassette Demagnetizer

D'Mag™ helps restore high frequency content to tapes.

Mfr. List \$14.95

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 \$1,350.00 |
| DN970FA | Mfr. List \$2,599.00 |
| ACD5B CD Cart Shells | Mfr. List \$4.00 ea. |
| Bar Code Labels (Sheet) | BSW Price \$9.00 ea. |

Call For BSW Price



**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 a *drawer-loading* CD player which is just like 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 \$1,350.00 Call For BSW Price

SONY



**CDP2700
Compact Disc Player**

Sony's new player provides professional interface and performance at a modest cost. 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 ($\pm 12\%$), both AES/EBU and unbalanced IEC-958 digital outputs, 8-pin DIN jack for remote control interface, and rack mount adaptors (supplied).

Mfr. List \$1,375.00 Call For BSW Price

TASCAM



**CD401MKII
Compact Disc Player**

The CD401MKII is rack mount ready, and has XLR balanced outputs. It also allows fader-start operation, and has a remote control unit that can be used in either the wired or wireless mode. It has a precision 3-beam pickup controlled by a special track and focus system, 18-bit 4-times oversampling, and dual D/A converters. New features include pitch control, fader start, auto cue, single play, digital out and more.

Mfr. List \$999.00 Call For BSW Price



**CD301
Compact Disc Player**

With balanced outputs, built-in rack mounting, and a hard-wired 10-key remote control, this unit is a natural in broadcast on-air studios and production rooms. Notable features on the CD301 are the single play option that automatically stops playback at the end of a cut, and a special link function that allows one unit to start another unit for sequence play. Now you can have a professional CD player that's truly affordable.

Mfr. List \$649.00 Call For BSW Price

TASCAM



**CD601
CD Player**

The CD601 is a single transport half-rack unit designed to stand up under demanding radio broadcast applications. It features a full-size turntable and unique disc clamping system that virtually eliminates tracking errors, and Tascam's patented "ZD Circuitry" for impeccable CD sound with an absolute minimum of digital noise. The CD601 offers dial-controlled search with frame accuracy, auto cue, +6% pitch control, and more. The 'end check' function is ideal for pre-planning crossfades. Outputs are XLR balanced and RCA unbalanced. RC601 remote control panel offers advanced functions for production applications.

CD601 Mfr. List \$1,649.00 Call For BSW Price
RC601 Mfr. List \$849.00 Call For BSW Price

TECHNICS



**SLP1300/SLP1200
Compact Disc Players**

Technics developed the SLP1300 to serve as a reference CD player for professional and broadcast applications, combining superb audio quality and useful features at an affordable price. The SLP1300 offers 8 times oversampling, 4 digital-to-analog converters, XLR connectors with +8 dBm output, vari speed, digital output, cue wheel for precise cueing with audio, and cue to music.

The SLP1200 is similar to SLP1300 but with unbalanced outputs and 4 times oversampling.

SLP1300 Mfr. List \$1,999.95 Call For BSW Price
SLP1200 Mfr. List \$1,699.95 Call For BSW Price



**SLPG440
CD Player**

Features:
 • Auto cue-to-music • SNR of 100 dB • Digital peak level search • 30-key wireless remote control • 10-key direct access on front panel and wireless remote • Random access programming • Front panel head-phone jack w/volume control • CD editing function

SLPG440 Mfr. List \$189.95
RK1 Rack Mount Kit BSW Price \$24.95

TASCAM



**CD901R
Compact Disc Recorder**

Features:
 Orange Book-2 and Red Book compatible, AES/EBU & SPDIF digital I/O, balanced XLR analog I/O, RS422/232C serial port (for control of up to 7 units), special playback track skip functions. Includes remote. Optional sample convertor board available.

Mfr. List \$5,999.00 Call For BSW Price

MARANTZ



**CDR610
Compact Disc Recorder**

The Marantz CDR610 Compact Disc Recorder is a complete stand-alone CD recording and playback system. It features stop/start recording, state of the art A/D and D/A converters, digital I/O, and full Phillips Red Book and Orange Book compatibility. Maximum recording time is up to 74 minutes with 99 tracks per disc.

Additional features include: AES/EBU digital I/O, transformerless balanced input calibrated for 15 dB of headroom at +4 dBu (be adjusted ± 5 dB), a wired remote control, a 9-pin D-connector parallel I/O for external control functions, and cascade circuitry allowing synchronous start of up to 4 CDRs.

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

CARVER



**PDR10
Compact Disc Recorder**

Features:
 Automatic recording laser intensity, manual or automatic track increments/indexes setting, start/stop recording, final discs Red Book compatible, AES/EBU and SPDIF digital I/O, serial and parallel remote ports.

Mfr. List \$8,500.00 Call For BSW Price

INTERCLEAN



**CD121/LL151
CD & CD Lens Cleaners**

Gently clean the surfaces of your CDs with the CD121 rotary cleaner. To help maintain optimum laser pick-up, choose the LL-151 CD laser lens cleaner with special dual fiber brushes that effectively remove accumulated dust and dirt from the optical lens.

CD121 BSW Price \$15.95
LL151 BSW Price \$16.95

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.

Quantity	1-49	50-99	100-499	500+
BSW Price	.79 ea.	.69 ea.	.59 ea.	.50 ea.

DENON



**CD TEST
Test Disc**

Turn your compact disc player into a powerful test signal generator. This outstanding CD Test Disc from Denon includes 99 audio tests that include frequency sweeps, tone bursts, pink noise, IM distortion, square waves, and more.

BSW Price \$19.95

DENON



**CD Cart™
ACD5B**

For use with the Denon DN951FA, 970FA, and 950FA CD players only.

BSW Price \$3.60 ea. Quantity discounts available

DISCWASHER



FG1107



FG1107



CDC

**CDC
CD Cleaner**

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

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 \$19.90

**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**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 \$4.50

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 10 sound effects series to choose from including series created in conjunction with Hanna-Barbera, Warner Bros., Universal Studios and Lucasfilm, with tens of thousands of individual digitally recorded effects. There's even a series on CD-ROM for PC based workstation applications. In addition to superb sound effects there are two production music libraries with hundreds of 30 and 60 second cuts, and for sampling applications, there's a sampler library covering 135 musical instruments and 375 sound effects.

**Library Prices From \$495.00 Mfr. List Price
Call For Descriptions And BSW Prices**

HBS**CD Music Libraries**

BSW is pleased to introduce to our customers, the Holland Broadcast Services CD Music Libraries. Hundreds of these collections are being used on the air worldwide. All selections are original versions by the original artist. All libraries include a complete data base on floppy disc.

#1 "Rock 'N' Roll Graffiti" CD Oldies Library

1229 songs on 50 CDs, covers 1955-1969. Digitally remastered from Over 90% actual master tapes.

Mfr. List \$2,795.00

Call For BSW Price

#2 "The Seventies" CD Gold Library

545 songs on 30 CDs, covers 1970-1979. Digitally remastered from Over 95% actual master tapes.

Mfr. List \$1,795.00

Call For BSW Price

#3 "The Eighties Plus" AC/CHR Library

769 songs on 44 CDs, covers 1980-1992. Mastered from 97% digital sources and studio master tapes.

Mfr. List \$2,495.00

Call For BSW Price

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)

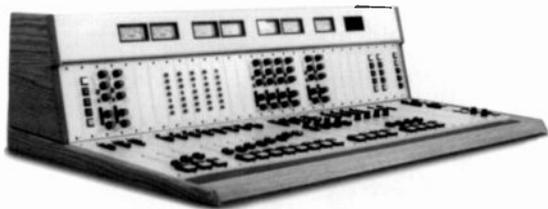
BSW Price \$399.00

BGMCD

BSW Price \$155.00

(2 CD set including 198 commercial music beds)

ARRAKIS



22,000 SERIES Audio Consoles

The Arrakis 22,000 Series console is an advanced on-air, stereo production or multi-track production version of the #1 selling 12,000 series console line. 20 or 30 channel mainframes accept standard 12,000 Series input & output modules or new multi-track modules. The new production modules include mono mic/line input, stereo line input, submaster module and a stereo output module. A special in-line module section houses 3 new modules: a 3-Band, quasi-parametric EQ with two aux sends (one stereo and one mono), a 7 input remote select module and a 5-button control module. Additional features include: polycarbonate overlays, solid oak trim, VCA's on main sliders and advanced module logic (start, stop, ready, on, off, tally)

Typical 20 Channel On-Air	Under \$9,000.00
Typical 30 Channel On-Air	Under \$15,000.00
Typical 20 Channel Multi-track	Under \$15,000.00
Typical 30 Channel Multi-track	Under \$20,000.00

Call For BSW Prices



12,000 SERIES Audio Consoles

The 12,000 Series console features three mainframe sizes to accommodate up to 28 input modules. Four different input modules are available, each with 2 inputs and 3 stereo outputs. Extensive metering and timer are standard along with Penny and Giles faders, ITT Schadow switches, gold board connectors and solid oak trim.

Features:

- Easy connectorized installation
- Stereo cue system
- VCA controlled faders
- Three stereo output busses
- Universal mainframe buss design
- Comprehensive logic system
- External regulated and protected power supply
- Mic modules available with pan
- Line modules available with mode select
- Monitoring for control room and 2 studios
- Telephone mix-minus busses

Typical 12 channel console just \$6,600.00 and is expandable to 18 channels.

Price Based On Configuration

ARRAKIS



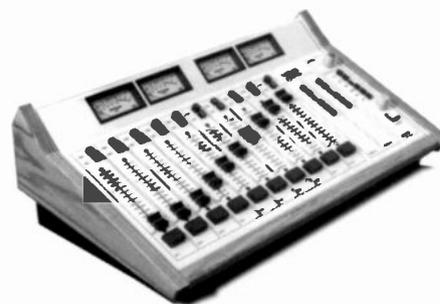
SC Series Consoles

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 standard, telephone mix-minus standard, remote start standard (except 150SC) and 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

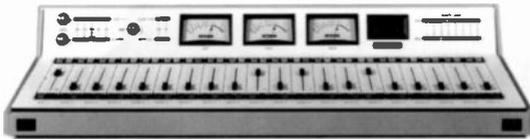


1200 SERIES Audio Consoles

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 1200-5S is a 5 channel console with 13 total inputs. Channels 1-3 are mono with A/B input (A-mic level, B-line level). Channels 4-5 are stereo line level. A 6 input remote selector adds the additional inputs. The 1200-10S is a 10 channel board with 20 total inputs. Channel 1 is mic level with an extra mic preamp for a second mic input. Channels 2-10 are stereo line level. The 10S features two 6-position selectors. The 1200-15S is similar to the 10S with 15 channels and 25 total inputs.

1200-5S	Mfr. List \$1,795.00	Call For BSW Price
1200-10S	Mfr. List \$3,495.00	Call For BSW Price
1200-15S	Mfr. List \$4,995.00	Call For BSW Price

AUTOGRAM

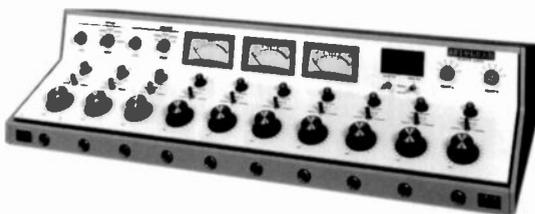


R/TV20 Audio Console

When you need mixing flexibility, you'll want the R/TV20 from Autogram. 18 slide faders have a single input, the remaining 2 faders have 8 inputs each to allow multiple auxiliary sources. Total of 34 stereo inputs on 20 channels. Standard features include: VCA level control, Penny and Giles linear conductive plastic pots, shadow selector switches, up to eight patchable microphone preamplifiers, and remote control capability. Optional live assist package plugs into the R/TV series console and offers full remote control plus four live assist programs, each with 32 step capability.

R/TV20	Mfr. List \$13,451.00
R/TV12 (Not Shown)	Mfr. List \$11,153.00
Live Assist Package	Mfr. List \$1,423.00

Call For BSW Price



IC10A Audio Console

The IC10A features high quality step attenuators, 2 inputs per channel with 2 six position remote select switches. Remote start switches, headphone monitor and cue amplifiers standard. 2 stereo outputs with mono mixdown are standard as well.

IC10A (10 Channel Stereo 28 Inputs)	Mfr. List \$9,215.00
AC8A (8 Channel Stereo 26 Inputs)	Mfr. List \$6,991.00
AC6A (6 Channel Stereo 23 Inputs)	Mfr. List \$5,632.00

Call For BSW Price

"A" Models Are Transformerless. Transformer Versions Available

Flex Lease

BSW's innovative lease programs may be just the right answer for your equipment financing dilemma. Whether you're interested in low monthly payments, 100% financing without the wait, conserving your working capital, or taking advantage of tax incentives, there's a BSW Flex Lease program just for you. Call a BSW representative today for more information.

AUTOGRAM



Pacemaker Series Audio Consoles

Pacemaker consoles offer an incredible amount of flexibility without an enormous price tag.

For newsroom operations, you'll want the Pacemaker 648 and the 618. The 648 features 8 inputs per channel (48 inputs total). On the 618 channels 1-5 have dual inputs, channel 6 has 8 inputs. Machine logic controls are standard on both consoles.

For the control room, the Pacemaker 8-channel 828 or 10-channel 1032 offer additional mixing flexibility. The 828 has 28 stereo inputs, the 1032, 32 stereo inputs. Each console has 2 inputs per channel and 2 banks of remote selectors.

Features:

- VCA level controls
- No audio transformers
- Shadow selector switches
- Electronic switching
- Engraved front panel
- Penny and Giles faders
- Pluggable miniature terminal strips

Outputs: 1 Stereo Program, 1 Mix-Minus, 1 Stereo Audition, 1 Mono, 2 Headphones, 1 Cue

618 Mfr. List \$5,221.00	648 Mfr. List \$6,790.00
828 Mfr. List \$6,268.00	1032 Mfr. List \$7,527.00

Call For BSW Price



MINI-MIX SERIES Audio Console

The versatile Mini-Mix 12 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. Slide faders control VCA's. Two stereo outputs and one mono output are provided. Mini-Mix 8 features 8 slide pots for 12 inputs (6 balanced, 6 unbalanced). Cases are all aluminum with oak end panels.

MINIMIX12 Mfr. List \$3,499.00	Call For BSW Price
MINIMIX8 Mfr. List \$2,499.00	Call For BSW Price

AUDIOARTS



A50 Audio Console

Clever engineering and the latest advances in electronic assembly give this console high-end features and quality at a truly affordable price. 8, 12, and 18 channel models are available.

Features: Any combination of mic and line inputs available • Two inputs per channel • Program, audition and telephone outputs • Remote start switches • Full function event timer • Separate control room and studio source selectors • Full talkback system • Built-in headphone amplifier • Built-in cue amp and speaker • Channel on/off remote controllable • On-air tally opto-relay • Plug-in faders and pots • Fully-enclosed aluminum chassis resists RF • Six-position line preselector module option • Digital Clock (18 channel model only)

A50-8 Mfr. List \$4,795.00	Call For BSW Price
A50-12 Mfr. List \$6,995.00	Call For BSW Price
A50-18 Mfr. List \$9,495.00	Call For BSW Price



R10 Audio Console

The R10 is a fully modular console with components typically found in high-end consoles, yet the price is especially attractive. It has gold audio switches, gold edgcard connectors, conductive plastic faders and monitor pots.

Mic or stereo modules can be loaded in any position. Stereo line modules have machine start and stop switches. Cue is a push button on the module allowing for a variety of creative cueing situations. Each channel has an output assign for program and audition. Studio intercom/talkback and built-in cue speaker are provided.

The R10 is based on a simple premise: Low cost does not have to be synonymous with low quality.

When it comes to performance and price, the R10 is an outstanding choice.

R10 (Ten Channel) Mfr. List \$3,979.00	Call For BSW Price
R6 (Six Channel) Mfr. List \$2,729.00	Call For BSW Price

AUDIOARTS



R30 Audio Console

The R30 is the top of the line Audioarts console available in two mainframe sizes (with 12 or 18 input channels) and has two stereo outputs, plus mono sum and mix-minus. The R30 can accommodate a powerful family of optional accessory modules, including a multi-phone input, machine control panels, intercom and studio monitor modules, plus a multiple line select module.

Features include: modular construction, logic follow, full machine control and an all-gold module-to-console interface system. Input channels are available in both mono mic and stereo line versions (each with A/B source select) and Program/Audition bus assign, plus Cue switches on the line modules. Standard features include Program and Audition VU meters, digital timer and clock, cue speaker, plus a monitor module for control room and headphone functions.

R30-12 (12 channel standard layout)	Mfr. List \$11,495.00
R30-18 (18 channel standard layout)	Mfr. List \$16,300.00
Call For BSW Price	

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 to 12 rotary faders. MXL consoles offer from 6 to 12 linear faders mounted three inches apart. MXE consoles permit 10 to 18 linear faders mounted two inches apart.

Features include: Fully modular input modules with precision motherboard construction, VCA mixer and monitor control, two inputs per module, each input can be mic or line with consumer or pro input level, 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.

Mfr. List From \$3,050.00 (6 channel)	Call For BSW Price
---------------------------------------	--------------------

BROADCAST ELECTRONICS**MIX TRAK 90
Audio Console**

Looking for a new console that fits today's need while leaving room for tomorrow's expansion? Choose the Mix Trak 90 from Broadcast Electronics. Available in 12 and 18 channel mainframes, this modular console can be fitted with the exact type and number of input modules you desire.

The audio performance of the Mix Trak 90 is superb. Typical signal to noise is better than 85 dB below nominal output level with THD at less than .05%.

Features:

- Individual line and microphone input modules • Automatic source sequencer • P&G linear faders • VCA controlled audio • Silent Hall Effect module switching • "Monitor Dim" function for easier cueing
- Balanced patch points • Independent program and audition metering
- Three mix-minus busses • Separate music and speech program busses
- Optional PPM metering • Optional clock/timer module • Optional mono module with metering and phase reversal indication.

Price Based On Configuration

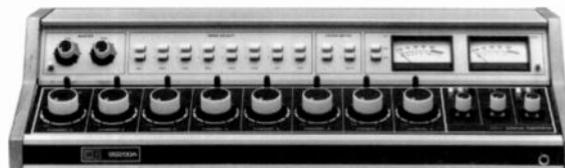
**AIR TRAK 90
Audio Console**

These 6, 12, 18, and 24 channel consoles have the look and functionality needed for broadcasting in the 90s, and are durable enough to carry the BE name.

All models have the following features:

- All inputs independently assignable 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 • Auxiliary mix-minus buss • Clock/timer standard • Mono outputs standard • Tough polycarbonate overlay

Price Based On Configuration

BROADCAST ELECTRONICS**SERIES 250A/150A
Audio Consoles**

With their two-tone technical white and gray finish and solid oak trim, these consoles are stylish yet offer rugged, reliable service in any demanding on-air or production application. Each mixing channel accommodates two pushbutton selectable inputs and may be preset for either microphone or high level service. Every console also features separate monitor, headphone and cue channels, and front panel polycarbonate overlay.

The quality features of the 250A Series consoles include ladder-type step attenuators with cue detent, and roller-cam key switches.

The 150 Series is the economy series featuring durable, sealed potentiometers with detent for cue.

5S250A (5 Mixer Stereo)	Mfr. List \$4,350.00
8S250A (8 Mixer Stereo)	Mfr. List \$5,600.00
10S250A (8 Mixer Stereo)	Mfr. List \$7,000.00
5S150A (5 Mixer Stereo)	Mfr. List \$3,450.00
8S150A (8 Mixer Stereo)	Mfr. List \$4,650.00

Call For BSW Price

**4S50A
Audio Console**

The 4S50A lends itself well to either production or on-air use. Each of the first three channels accepts two high or low level stereo inputs. Channel four can be pre-selected for a single high or low level stereo input, or for one of five high level remote/utility stereo inputs. Each channel mixer control incorporates sealed dual-potentiometers fitted with detent cue switches. Rack mount version available.

Mfr. List \$2,300.00

Call For BSW Price

Need Prices On A Major Project?

Save yourself time and FAX us your equipment list. We'll have a complete price quote back to you in no time.

RADIO SYSTEMS



RS SERIES Audio Consoles

RS Series consoles from Radio Systems are "low Cost," not cheap. They are ruggedly constructed and fully featured. Installation, performance and service-ability were considered and implemented early in the design to make your purchase of the RS Series a pleasure. Four models are available..from 6 to 24 channels.

Look at the exceptional array of standard features:

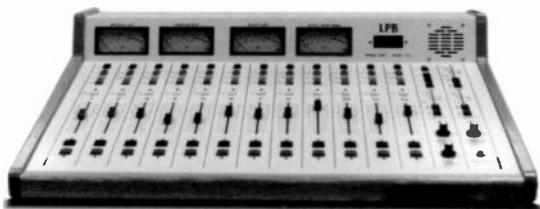
- 2 inputs per channel • Program, Audition, Mono outputs • Full DC Control • Penny and Giles faders • Full VU metering • Event timer
- Full remote control • Superb audio specifications • Mic, line, consumer level on each input • 2 year warranty

A complete brochure outlining all the specifics of RS Series consoles is available for the asking.

RS-6 Mfr. List \$4,795.00 RS-12 Mfr. List \$6,795.00
RS-18 Mfr. List \$9,895.00 RS-24 Mfr. List \$12,995.00

Call For BSW Price

LPB



7000 SERIES Audio Consoles

Introducing the All-New 7000 Series stereo consoles from LPB. Available in 12 and 18 channel models, these consoles 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 Price

LPB

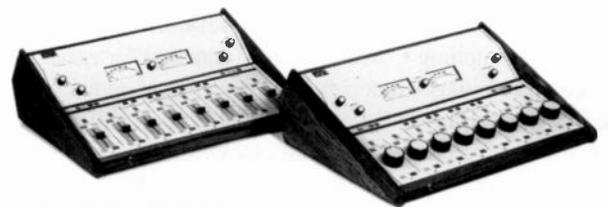


SIGNATURE III SERIES Audio Consoles

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 - \$7,295.00 Mfr. List
Call For BSW Price

ATI



VANGUARD SERIES Audio Consoles

Vanguard Series Consoles offer superior performance and long term reliability with low initial cost and minimum maintenance.

BC6DSL/R (6 Linear or Rotary Faders, 12 Inputs) Mfr. List \$2,995.00
BC8DSL/R (8 Linear or Rotary Faders, 12 Inputs) Mfr. List \$3,495.00
BC12DSL (12 Linear Faders, 24 Stereo Inputs) Mfr. List \$5,195.00

Call For BSW Price

On-Air vs. Production Consoles - What's The Difference

Here is a brief list of some of the requirements and features that differentiate on-air consoles from production consoles.

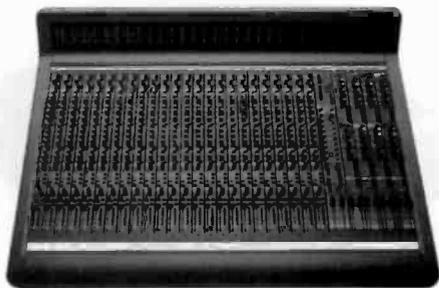
On-Air Console Requirements

- Simple, logical layout for speed and ease of use
- Cue and/or audition busses to cue sources off air
- Extreme durability and easy serviceability to avoid down time
- Multiple source inputs or remote selectors to increase sources per input
- Separate output or mix-minus busses for interface with telephones
- Control logic to operate equipment right from the console

Production Console Requirements

- Flexible monitoring and switching for multiple track monitoring and mixdown
- Multiple AUX or effect input/output (sends/returns) for external processing
- Multiple output routing for track assignment
- Flexible inputs to allow for various source types and levels
- Equalization on the input channels
- Flexible metering to maintain proper levels throughout recording process

Whether on-air or production, a BSW representative can help you find the console that's right for you.

ALESIS**X2™
Recording Console**

The Alesis X2™ is a feature packed recording console designed for the digital multitrack environment. It features 24 channels, 24 in-line tape monitor inputs, 6 Aux sends, 2 cue busses and 8 stereo returns. All 24 input channels have 1/4" and XLR connectors and individually selectable phantom power. Each channel can simultaneously route inputs from the mic/line inputs and the tape inputs to the busses and masters, and can be switched between the 100mm main channel faders and the 45mm in-line tape input faders. During mixdown the 24 input channels, the 24 in-line tape inputs and the 8 stereo effect returns can be combined for a total of 64 inputs. Input channels feature 4-band EQ and there's even a 2-band EQ on the stereo returns. Stereo in place solo is available on all input channels, tape inputs, effect returns and groups. The X2™ is designed to connect directly to up to 3 ADAT machines via 56 pin ELCO® connectors. MIDI mute automation is supported.

Mfr. List \$6,495.00**Call For BSW Price**

Available in North America only

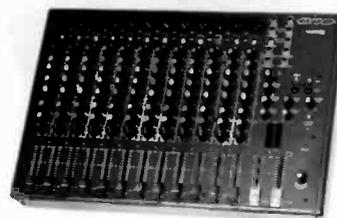
AUDIOARTS**MR-40
Audio Console**

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 \$12,239.00**Call For BSW Price****DDA****FORUM COMPOSER
Audio Console**

Now you can take advantage of the high quality and excellent sound of the British DDA consoles with the new, affordable Forum Composer models. Attention to detail sets these consoles apart in performance and features making them the ultimate console when high quality is absolute #1 priority. Available in 24, 32 and 40 input mainframes, the Composer is an 8-bus recording console worthy of any digital or analog environment providing a variety of unique and useful features. Input channels have 4-band EQ (HF & LF shelving and 2 swept mids), a switchable high-pass filter, 6 Aux sends (2 selectable pre/post fader 4 available simultaneously) and smooth-glide ALPS faders. Stereo mic/line/phono level inputs are available with 4-band EQ. There is even a digital stereo input with built-in D/A converters (SPDIF) for direct input of digital workstations etc. Each of the 8 group modules has 3 tape inputs for full 24 track monitoring and routing, 8 of the tape inputs have 2-band EQ. The master module has 6 Aux returns with solo, talk-back facilities, tone oscillator and monitor controls for stereo and mono outputs.

24/8/2/24 Mfr. List \$15,615.00**Call For BSW Price****32/8/2/24 Mfr. List \$18,095.00****Call For BSW Price****40/8/2/24 Mfr. List \$20,519.00****Call For BSW Price****DOD****1222RM/1222XL
Compact Audio Mixers**

The DOD Model 1222 mixer is available in a "RM" (rack mountable) version with the jack panel accessible from the rear and the "XL" (table-top) version with all connections on the top. Both models feature 12 1/4" high level and XLR low level inputs on all channels, stereo balanced outputs (1/4" TRS), 3-band EQ, switchable phantom power, 2 effects sends, one monitor send, and 60mm dust shielded faders. LED's on each input channel indicate clipping and a 6 LED bargraph meter shows output level. The master section includes Left and Right main outs, two Aux outs, effects send, two stereo/mono effect returns, monitor out and headphone out. THD + noise less than .05%.

1222RM or 1222XL**Mfr. List \$599.95****822RM or 822XL (8-channel version)****Mfr. List \$449.95****Call For BSW Price**

MACKIE DESIGNS



8 BUS Audio Mixer

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, talkback with built-in mic, optional meter bridge and much more. Space doesn't allow us to adequately describe these incredible consoles. Call for more information.

16•8 Mfr. List \$3,195.00

24•8 Mfr. List \$3,995.00

32•8 Mfr. List \$4,995.00

Call For BSW Price

Call For BSW Price

Call For BSW Price



MICROSERIES 1202 Audio Mixer

The 1202 console from Mackie gives you the same high performance electronics and rugged all-steel construction as its famous big brother the CR-1604. The 1202 has a working signal-to-noise ratio of 90 dB, distortion below .025% across the entire audio spectrum, 48 volt phantom power, and +28 dBu balanced line drivers. The 1202's footprint is under one square foot, yet it packs an amazing total of 20 inputs. There are 4 mono (mic/line) channels and 4 stereo line inputs (each with separate left and right line inputs). Every channel has a gain control, pan pot, EQ, and 2 aux sends. Master section features headphone amplifier, LED metering and 2 stereo aux returns. Outputs are balanced and unbalanced. Power supply is built-in. Rack ears and carrying bag available.

MC-1202

DUMBOEARS Rack Ears

Call For BSW Price

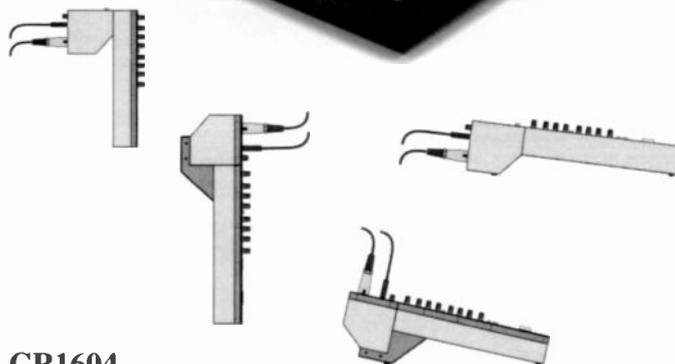
KEB22 Nylon carrying bag

Mfr. List \$399.00

Mfr. List \$12.00

BSW Price \$25.95

MACKIE DESIGNS



CR1604 Audio Console

This compact 16 channel console from Mackie Designs offers exceptional performance and versatility. Its 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 forward, top or back (see RotoPod option below). CR1604 features include: 6-studio grade mic preamps (expandable to 16 with XLR10), 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.

In addition Mackie offers a number of useful options that expand CR1604's flexibility even further.

XLR10 adds 10 studio grade mic preamps to the CR1604 (for a total of 16). Bolts conveniently to the bottom of the CR1604 input/output pod.

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 channels or functionality. Since all combining is done at unity gain no level or head room is lost and no additional noise is introduced.

RotoPod is a steel bracket/rack combination that supports CR1604's jack panel so the connectors are on the same plane as the main controls. RotoPod's extended rack ears provide for flush or recessed rack mounting of the CR1604.

OTTO1604 is a low cost MIDI automation package that allows you to have real time, free-flowing, automated control of all input faders, master faders, Aux returns 1, 2, 3, and 4 with muting of inputs, master outs and Aux returns. OTTO1604 consists of an internal board (can be retrofitted to CR1604), an external MIDI controller/connector and software for the Macintosh (OTTO works with Atari, Amiga and PC sequencing programs as well).

CR1604

ROTOPOD

XLR10

MIXERMIXER

OTTO1604

Mfr. List \$1,099.00

Mfr. List \$25.00

Mfr. List \$199.00

Mfr. List \$229.00

Mfr. List \$849.00

Call For BSW Prices

SOUNDCRAFT**SPIRIT STUDIO
Audio Console**

Spirit production consoles are available in 16 or 24 channel sizes with a number of features that maximize flexibility. Both size consoles feature 8 group busses that can be linked into 4 stereo pairs. Each channel has three inputs- a mic input, a line-level input, and a tape monitor input that acts as an extra line input during mixdown effectively doubling the number of inputs available at mix-down.

All input channels have a 4-band EQ section (HF, LF, 2-mid sweep) that can be split between main and monitor signal paths. There are 6 aux. busses available and 4 stereo returns with 2-band EQ. Additional features include excellent monitoring/talkback facilities, 2 freq. tone oscillator, and 10 16-segment LED bargraph meters.

Automated versions with built-in VCAs are also available.

STUDIO 1682	Mfr. List \$3,995.00
STUDIO 2482	Mfr. List \$5,950.00
STUDIO 3282	Mfr. List \$7,750.00

Call For BSW Price

**SPIRIT FOLIO
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, a 12 channel portable and a 12 channel rack mount version. The 10 channel version features 6 mono mic/line inputs and two stereo inputs (12 channel models have 8 mic/line inputs). All inputs feature 2 AUX sends and support balanced or unbalanced 1/4" plugs with balanced XLRs on mic 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 a level setting oscillator. 12 volt power inverter available for remote use.

10/2 (10 Channel)	Mfr. List \$495.00
12/2 (12 Channel)	Mfr. List \$625.00
12/2RK (Rack Mt. Version)	Mfr. List \$625.00

Call For BSW Price

TASCAM**M3500 SERIES
Audio Consoles**

To stay competitive, stations are relying on more sophisticated audio production demanding consoles that integrate multiple audio sources, effects units and multitrack recorders. The M3500-24ST from Tascam features 24 mono and 8 stereo inputs, 8 group busses and an "in line" monitor system which allows for complicated productions involving up to 24 recorded tracks.

Special features:

- 4 band, 6 control EQ • 6 aux sends, slide faders for in-line monitoring and effect returns • Optional LED meter bridge provides metering on all input channels. Console stand optional.

M3500-24ST Mfr. List \$10,999.00 Call For BSW Price

Other Models And Configurations Available

**M2516/M2524
Audio Consoles**

If you need an affordable, compact, yet fully functional multi-track recording console you'll want the M2500 Series console from Tascam.

The M2516 features 16 full-function inputs, 16 tape returns, 8 sub-groups, and L/R outputs. The M2524 has 24 full-function inputs, 24 tape returns, 8 sub-groups, and L/R output.

Both models feature eight buss recording, automated muting via MIDI, in-line stereo monitoring, four aux. sends, three-band EQ, pre-fade listen, 4 effect returns (2 stereo, 2 mono), talkback with built-in mic, and balanced left/right outputs.

M2516 Mfr. List \$3,299.00

M2524 Mfr. List \$4,399.00

Call For BSW Price

Call For BSW Price

TASCAM



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, bar-graph metering.

M1508 Mfr. List \$1,099.00

Call For BSW Price

M1516 Mfr. List \$1,699.00

Call For BSW Price



M108 Audio Console

The M108 offers comprehensive input and output facilities in a convenient practical layout. Features: 8 Mic/line inputs with trim • 8 tape inputs • 2 stereo inputs • 4-Group, 1-aux and 2-effect outputs • 2-band shelving EQ on each channel • Stereo and mono monitoring • 10-segment LED meters • Built-in rack ears.

Mfr. List \$849.00

Call For BSW Price



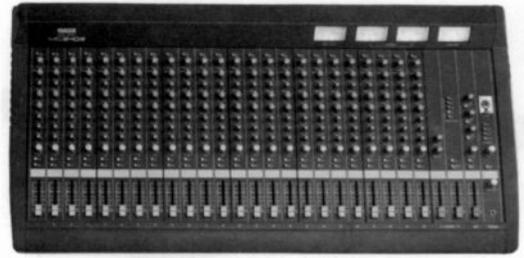
M06ST Audio Console

The M06ST is perfect for small home, or station production rooms. Features: 6 stereo input channels (channels 1 and 2 have stereo phono inputs for direct connection of turntables while channels 3-6 have stereo line inputs) • Mic inputs on each channel accept a wide range of signals from microphones, musical instruments and audio equipment • Stereo AUX inputs with level control provide an extra stereo input • Insert patch points on channels 5 and 6 • Cue send level controls on each channel

Mfr. List \$549.00

Call For BSW Price

YAMAHA



MC04II SERIES Audio Consoles

MC04II Series consoles were designed for cost conscious users who need exceptional mixing flexibility. These consoles pack a number of unbelievable features considering their low cost. Choose from 4 size configurations: 12, 16, 24 and 32 input channels. Input modules have 4-band EQ (HI/LO shelving and 2 mid sweep), 4 Aux sends (2 pre, 2 post fader) and high pass filter. Output section includes 4 sub groups with pre-fader insertion points, two stereo returns that can be routed to the groups or stereo bus, two stereo tape inputs and two unique 6X1 matrix buss to create separate mixes derived from the group and stereo busses (for mix-minus or multiple studio monitor feeds). All of the main input and output signals can be monitored with the related cue switch and flexible talk-back facilities are provided.

MC1204II Mfr. List \$3,199.00

Call For BSW Price

MC1604II Mfr. List \$3,699.00

Call For BSW Price

MC2404II Mfr. List \$4,599.00

Call For BSW Price

MC3204II Mfr. List \$5,849.00

Call For BSW Price



MR SERIES Audio Consoles

These high quality, feature laden consoles are available in 8, 12, and 16 channel models. Features on all consoles include: 4 group mixing busses and a stereo master buss • Mic/line or tape input selection on all input channels • Peak LED's on each input channel • 3-band equalizer on each channel with (shelving low/high, sweepable mid) • Monitor assign switches and talkback facilities.

MR842 Mfr. List \$1,295.00

Call For BSW Price

MR1242 Mfr. List \$1,595.00

Call For BSW Price

MR1642 Mfr. List \$1,899.00

Call For BSW Price

BSW Handles The Complete Line Of Yamaha Audio Products. Call Us For Pricing On Models Not Shown In Catalog.

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.

MX100 Mfr. List \$325.00

Call For BSW Price

XP100 Mfr. List \$259.00

Call For BSW Price

COMREX**STLX/SLX
Remote Consoles**

STLX and SLX consoles are completely self-contained remote broadcast packages. The STLX incorporates a two line Frequency Extender encoder with noise suppression (single line encoder on SLX). Both mixers feature four mixing channels (2 mic/line), built-in telephone interface, custom monitor mix with station talkback available on each headphone (4 headphones/STLX, 3 headphones/SLX), feeds dial or dedicated circuits, AGC and AUX IN and OUT. Requires Comrex dual or single line decoder for frequency extension.

STLX Mfr. List \$7,750.00

Call For BSW Price

SLX Mfr. List \$4,200.00

Call For BSW Price

**TALK CONSOLE™
Talk Show Console**

Everything needed for talk programs in a single package, the Talk Console™ conferences two phone lines with a host and guest. It offers a telephone dial pad, telephone couplers for direct lines or PABX, two self adjusting hybrids, mix-minus feed, two mic level inputs (channel 2 can be line level), two headphone outputs with volume controls, and remote contact closures to start a tape recorder and a delay system. Simple to set up and operate.

Mfr. List \$2,495.00

Call For BSW Price

ELECTRO-VOICE**ELX1A
Remote Mixer**

The ELX1R 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 \$614.00

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

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 \$195.00

Call For BSW Price

RANE**SM26
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/unbalanced inputs and outputs.

Mfr. List \$379.00

Call For BSW Price

SHURE



M267 Microphone Mixer

The most popular portable mixer in broadcasting is undoubtedly the Shure M267 because of its flexibility and modest price. Features include: Peak limiter, phantom power, built-in battery pack, LED peak indicator, headphone level control. The M267 has four mic or line switchable inputs. It also includes transformer balanced inputs and outputs, mix buss, VU meter, low RFI and line noise susceptibility.

M267 Mfr. List \$535.00
M268 (simplified version of M267) Mfr. List \$325.00

Call For BSW Price



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 automatically turning down unused mics. Three unique features add up to provide excellent hands-free operation: Noise Adaptive Threshold activates mics for speech, but not constant room noise - Maxbus limits the number of activated mics to one per talker - Last Mic Lock-On keeps most recently activated mic open until a newly activated mic takes its place. Additional features: Balanced mic/line inputs and outputs • Phantom powering • Linking capability (up to 25 Mixers) • Manual or automatic modes • AC or battery operation • Rack mount ears and link cable included

Mfr. List \$1,595.00 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, operates on two 9 volt batteries or 12 to 30V external DC, phantom power, LED indicators for input, peak out, limiter and battery, mix buss for combining units, monitor or mix inputs can feed headphones, and supplied case, strap and mix bus cable.

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

TELFAX



GX SERIES Remote Mixers

Choose a GX to fit your application from the basic 3 input GX300 to the mid-line GX400 to the fully featured GX440.

All three models feature high performance features like: High capacity rechargeable batteries with charger, high level loop and AUX outs, pulse/tone dialing, low frequency extender interface, squelch/mute, bass boost, audio limiter, radio monitor switch and jack, headphone amp input, and VU bargraph with peak indicator.

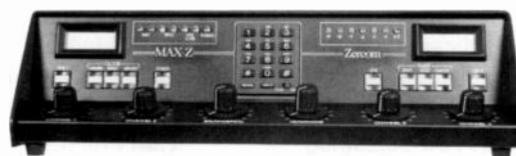
GX300 contains all the above features in a basic three mixer configuration. GX400 adds a 4th mic input, a headphone cueing channel, and a test tone oscillator. GX440 has all the above features plus an up/down timer and 2nd phone line capability for studio cues and on-air calls from listeners.

GX300 Mfr. List \$950.00 Call For BSW Price
GX400 Mfr. List \$1,050.00 Call For BSW Price
GX440 Mfr. List \$1,195.00 Call For BSW Price

Accessories:

19-0007 Padded Nylon Case, 08-0100 Spare Power Transformer/Cable, 19-0206 Hard Plastic Case

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, memory dialing (tone or pulse), etc.

The MAX-Z II 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 \$1,095.00 Call For BSW Price
MAXZII Mfr. List \$600.00 Call For BSW Price

FOSTEX**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 \$3,295.00

Call For BSW Price

OTARI**DTR7
DAT Recorder**

DTR-7 features include 3 sampling frequencies and both AES/EBU and S/PDIF digital inputs/outputs. 32 kHz LP mode allows twice the recording time on a standard tape (4 hours on a 120 min. tape!) Optical remote control included with unit.

Mfr. List \$1,848.00

Call For BSW Price

RADIO SYSTEMS**RS1000
DAT Recorder**

Here is a perfect DAT machine for archiving, mastering, or automation use. The RS1000 transport is based on the Sony DTC-1000. Then Radio Systems custom interfaces an internal controller board to provide remote control functions, balanced inputs and outputs, and all function enhancements. The "smart chassis" features large lighted controls for all major functions. This machine also offers event stacking (99 events), auto rewind, auto-cue, EOM relay and several other control features.

Mfr. List \$2,495.00

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

SV3900

Mfr. List \$2,500.00

SHMK390 (remote control)

Mfr. List \$430.00

Call For BSW Price

**SV3700
DAT Recorder**

Same basic unit as the SV3900 with a simplified digital output section and the search dial mounted on the front. A full function wireless remote and parallel remote port are included.

Mfr. List \$1,840.00

Call For BSW Price

**SV3200
DAT Recorder**

Panasonic's entry level DAT recorder is the SV3200. It includes dual sampling rate capability (48 & 44.1 kHz), shuttle search dial, high speed search and a wireless remote control. A great way to update your cassette deck or reel to reel dedicated to archiving.

Mfr. List \$1,045.00

Call For BSW Price

SONY



**PCM2300
DAT Recorder**

Sony, the pioneer in DAT technology, has developed a cost-effective studio DAT recorder just loaded with features. 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 PCM2300 records absolute time to the tape. Duration adjustable digital fader allows for simple editing. Audio quality is superb with 1 bit, 64 times oversampling.

Mfr. List \$1,640.00

Call For BSW Price



**DTCA7
DAT Recorder**

Sony's lowest cost studio DAT recorder with 44.1 kHz sampling and 1 bit A/D HDLC D/A converters for excellent sound. DTCA7 features a long play/record mode for up to 4 hours of recording time, a time/date stamp for easy logging of tape, unbalanced analog I/O and coax or optical digital I/O. Wireless remote and rack kit included.

Mfr. List \$980.00

Call For BSW Price

TASCAM



**DA30
DAT Recorder**

The DA30 is designed for professionals with features like XLR balanced analog inputs and outputs, and AES/EBU digital interface. Features 64X oversampling 16-bit delta-sigma A/D technology and 8X oversampling 18-bit D/A conversion. Automated features make operation smooth and efficient. 15-pin parallel remote port included. Optional wired remote available.

Mfr. List \$1,399.00

Call For BSW Price

DENON



**DTR80PR
Portable DAT Recorder**

Denon's DTR80PR portable DAT recorder fits in the palm of your hand and offers CD quality sound reproduction, hours of recording time from 4 power sources (alkaline or optional Ni-cad batteries, AC or 12V auto battery). Additional features includes: stereo mic/line input with pad, LP mode (up to 3.5 hour rec. time), speedy cue and review, digital I/O, headphone jack with level and an optional mini, wired remote control.

Mfr. List \$900.00

Call For BSW Price

MARANTZ



**PMD700
Portable DAT Recorder**

Ideal for high quality professional in-the-field recording applications, the PMD700 is the smallest and lightest DAT recorder available with fully professional features. Balanced XLR mic/line inputs and RCA line in/out. Key hold switch prevents accidental triggering of front panel controls. Additionally, the PMD700 includes all accessories including: Rechargeable battery pack, AC adaptor, Carry case with strap, Wired remote control, adaptor cables for audio and digital inputs.

Mfr. List \$2,500.00

Call For BSW Price

SONY



**TCD-D10PROII
Portable DAT Recorder**

This is Sony's smallest DAT machine weighing only 4 lbs. 7 oz. even with it's internal battery pack. Balanced XLR mic connectors allow proper interface with professional low impedance microphones or +4 line level inputs. Features include: Digital I/O (S/PDIF and AES/EBU type) • Clear, easy-to-read back lit display • Two hour recording time • Switchable limiter • Built-in speaker • Internal battery

Mfr. List \$3,675.00

Call For BSW Price

SONY



**TCDD7
Digital Audio Recorder**

The TCDD7 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 maintains stable recording/playback even if unit is in motion, normal & LP modes for up to 4 hours of recording, switchable automatic record level and digital volume limiter, automatic ID subcodes and date function, high-speed automatic music sensing and 2-speed cue & review. Analog inputs and outputs are stereo 1/8" mini-jack. Digital I/O via 7-pin jack (optional interface cable available). Operates on 4 "AA" batteries. Optional AC or 12v DC adaptors available.

Mfr. List \$699.95

Call For BSW Price



**NT1
Digital Audio Recorder**

The perfect tool for recording high quality interviews, the Sony NT1 fits in the palm of your hand and goes anywhere you do. The stamp size digital cassettes are capable of recording up to 120 minutes of low noise audio for superior speech intelligibility. Set levels perfectly with manual adjustment or automatic gain control. Operates on a single "AA" battery and comes supplied with an AC adaptor, audio interface cable, stereo mic & stand, 1-90 min. cassette, mic attenuator, carrying case and stereo headphones.

Mfr. List \$995.95

Call For BSW Price

AMPEX



- 467R030P 30 Minute
- 467R046P 46 Minute
- 467R060P 60 Minute
- 467R090P 90 Minute
- 467R0120P 120 Minute

- Mfr. List \$8.42
- Mfr. List \$9.46
- Mfr. List \$10.77
- Mfr. List \$12.94
- Mfr. List \$15.28

Call For BSW Price

DIC



- DIC30XR 30 Minutes
- DIC46XR 46 Minutes
- DIC60XR 60 Minutes
- DIC90XR 90 Minutes
- DIC120XR 120 Minutes

- Mfr. List \$7.87
- Mfr. List \$8.11
- Mfr. List \$8.87
- Mfr. List \$10.55
- Mfr. List \$12.07

Call For BSW Price

PANASONIC



- RTR46P 46 Minutes
- RTR60P 60 Minutes
- RTR90P 90 Minutes
- RTR120P 120 Minutes
- RTRCLP DAT Cleaning Tape

- Mfr. List \$8.00
- Mfr. List \$9.00
- Mfr. List \$10.00
- Mfr. List \$11.00
- Mfr. List \$10.00

Call For BSW Price

SCOTCH/3M



- PRODAT30 30 Minute
- PRODAT46 46 Minute
- PRODAT60 60 Minute
- PRODAT90 90 Minute
- PRODAT120 120 Minute

- Mfr. List \$12.03
- Mfr. List \$13.80
- Mfr. List \$15.73
- Mfr. List \$19.13
- Mfr. List \$22.50

Call For BSW Price

SONY



- DT30P 30 Minute
- DT46P 46 Minute
- DT60P 60 Minute
- DT90P 90 Minute
- DT120P 120 Minute

- Mfr. List \$9.75
- Mfr. List \$11.20
- Mfr. List \$12.75
- Mfr. List \$15.50
- Mfr. List \$18.25

Call For BSW Price

AKAI



DR4D Hard Disk Recorder

The DR4d offers the speed and expandability of hard disk recording in an amazingly affordable package that fits into only 3 rack standard rack spaces. 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 DR4d200 comes with a 200 MB hard drive that allows for approximately 36 total minutes of recording (9 minutes per track) that can be expanded to 360 minutes with external SCSI drives. Features include: random access editing, 18 bit, 64x oversampling, balanced 1/4" TRS inputs/outputs, digital AES/EBU & SDIFII I/O, SCSI ports for external drives, jog/shuttle, copy, move, insert, erase, delete & repeat functions, direct archiving to standard DAT machines and front panel headphone jack.

DR4D200 (W/200 MB Drive) Mfr. List \$2,495.00
DL4D Remote Controller Mfr. List \$849.00
 Call For BSW Price

ALESIS



ADAT® Digital Audio Recorder

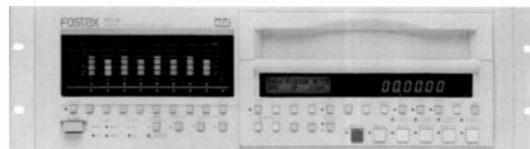
With over 15,000 units in use worldwide, the Alesis ADAT® digital 8-track machine has become the world standard in affordable, professional digital multitrack recording. The ADAT® format uses standard S-VHS® tape and yields approximately 40 minutes of recording time per S-120 cartridge. Any ADAT® machine can sync perfectly to any other ADAT® machine allowing multi-track systems from 8 to 128 tracks. Each unit comes with a transport function remote control, with the optional BRC controller you can add powerful automated control and non-destructive editing features as well as additional external sync capability.

ADAT® Mfr. List \$3,995.00 Call For BSW Price
BRC Mfr. List \$1,995.00 Call For BSW Price
Available in North America only

Confused About Digital Audio Recorders ?

Call BSW and ask to speak with our digital audio specialists.
 They are trained on all of the digital products we
 feature in our catalog.

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 production facilities and broadcasters serious about synchronization will want to consider this fully ADAT group compatible machine.

Mfr. List \$3,995.00 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 synch., a 9-pin RS-422 port, and MIDI machine control.

DA88 (8 track recorder) Mfr. List \$4,499.00
RC848 (Multi-Unit Controller) Mfr. List \$1,499.00
RC808 (Single Unit Controller) Mfr. List \$200.00
SY88 (Chase Sync. Board) Mfr. List \$799.00
MU8824 (24 Track Remote Meter Unit) Mfr. List \$899.00
IF88AE (AES/SPDIF Digital Interface) Mfr. List \$1,099.00
IF88SD (SPDIFII Digital Interface) Mfr. List \$1,299.00

Call For BSW Price

DIGIDESIGN**SESSION8
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.

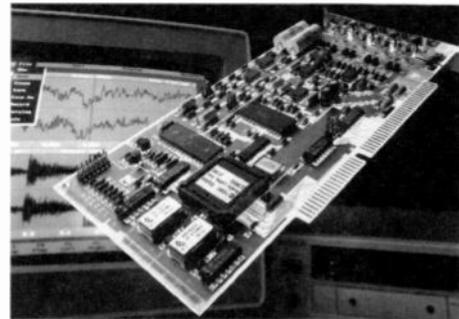
The audio interface of Session 8 is similar to that of a standard production console with multiple inputs for connecting mics, tape sources, CDs and other line level sources as well as digital interfacing for connecting mastering devices like DAT.



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 outboard computer. Exact performance requirements provided on request.

SESSION8 (Less Computer)	Mfr. List \$3,995.00
SESSION8MAC (Less Computer)	Mfr. List \$3,995.00
R1 Remote Control	Mfr. List \$995.00

Call For BSW Price

DIGITAL AUDIO LABS**TCO1/TEO1
Digital Recording Card/Editing Software**

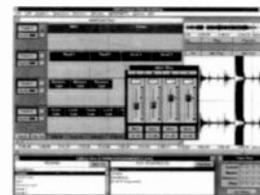
With the CardDPlus™ and EdDitorPlus™ from Digital Audio Labs you can turn your PC into a professional quality digital audio recording/ editing system.

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. CardDPlus™ now features simultaneous record/playback. Inputs and outputs are RCA stereo (+4 dB or -10 dB levels). An additional digital I/O card (S/PDIF) is available.

The EdDitorPlus™ software operates on the Windows™ platform, and provides fully non-destructive waveform editing of multiple sound files with overlays, fades, crossfades and extremely fast cut and paste operations. EdDitorPlus™ now supports audible overdubs so you can listen to a stereo track while recording a new stereo track. With EdDitorPlus™ you can merge an infinite number of audio elements into your stereo mix. An edit history allows you to redo mistakes or change the level of an individual sound element. Trigger pre-determined sound files with a single key stroke from the special play list window.

TCO1 CardDPlus™ Digital Recorder	Mfr. List \$795.00
TEO1 EdDitorPlus™ Editing Software	Mfr. List \$349.00
IO01 Digital In/Out Card	Mfr. List \$295.00

Call For BSW Price

IQS**SAW
8-Track Digital Mixing/Editing Software**

The SAW system, used with a digital audio card, such as the Digital Audio Labs CardD™, converts your PC into a multi-track recording, mixing and editing station. 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.

Edit across 40 sound files at once, place and drag regions of audio to any position within the production, change pitch/length without distortion, draw in custom crossfades from one track to another and more. External MIDI/SMPTE sync. available.

Mfr. List Price \$599.00	Call For BSW Price
---------------------------------	---------------------------

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 \$37,000.00
Call For BSW Price

ROLAND



**DM80
Digital Audio Workstation**

The DM80 digital audio workstation is a powerful, easy to use system that can be configured for 4-32 tracks with a number of interface and control options to suit your application.

The basis of the Roland system is the DM80 recorder itself. It contains one or two 100MB hard drives (depending on configuration). On the front panel is an array of status and metering LEDs that are duplicated within the various control options. The back panel reveals 8 balanced analog direct inputs/outputs, stereo analog mix outputs, and the AES/EBU, and S/PDIF digital inputs/outputs. Also on the back panel are SCSI ports for additional external storage (generic hard drives). Three different sampling rates are provided and a basic system has approximately 36 minutes of storage at 44.1 kHz.



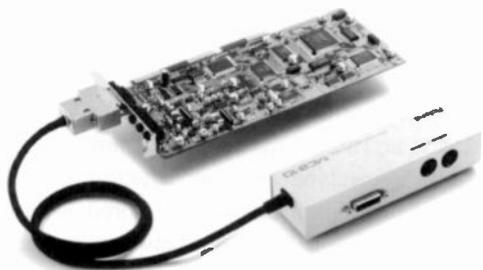
The DM80R is the dedicated controller featuring controls that mimic the transport buttons on familiar analog recorders making it extremely easy to learn and even faster to use. All function buttons are laid out in front of you in a logical manner so you can spend your time creating, not paging through multiple menus to select the function you need. Recorded material is visually presented as a segment of tape with individual phrases and track segments.

Editing on the DM80 is a pleasure and you don't have to be computer literate to understand the process. Everything is presented in a manner familiar to audio pros, not just computer buffs. Familiar cut, copy, insert, erase and move functions are used, and slipping and trimming tracks can be done either graphically or with a list. And best of all, editing functions happen in real time - no waiting!

To really make life easy, Roland included the DM80F fader unit that duplicates the functions of a small mixing console so that all mix parameters are at your fingertips, including faders, EQ, stereo panning, and automation enable.

- | | |
|----------------------------------|------------------------------|
| DM80-4 Recorder (4 Track) | Mfr. List \$7,295.00 |
| DM80-8 Recorder (8 Track) | Mfr. List \$10,750.00 |
| DM80R Remote Controller | Mfr. List \$1,995.00 |
| DM80F Fader Panel | Mfr. List \$1,295.00 |
| DM80-S Mac Software | Mfr. List \$650.00 |

Call For BSW Price

ROLAND**RAP10/MCB10
Digital Recording/Editing Card**

The new Roland Audio Producer RAP-10 Card and Audio Toolworks Software turns your IBM® PC or compatible into a 2-track digital recorder and editing system for less than \$600.00. In addition to 16 bit digital audio recording the RAP-10 offers visual waveform editing and track merging as well as on-board reverb and chorus processing. With the optional MCB-10 MIDI interface you can playback general MIDI files with Roland Sound Canvas built-in sound source.

RAP-10 Mfr. List \$599.00

Call For BSW Price

MCB-10 Mfr. List \$120.00

Call For BSW Price

TASCAM**RA4000
Digital Workstation**

The RA4000 random access recording/editing system gives the broadcaster an affordable system that's specifically dedicated to the task of recording and editing. It features dedicated buttons for all editing functions, large transport controls and an easy-to-read, large LCD display for fast operation. The system includes an internal 200MB hard drive that allows 40 track minutes of digital audio storage. The RA4000 has two input channels, four analog outputs, AES/EBU and S/PDIF digital outputs. Synchronization is available for SMPTE, MIDI and video. SCSI interface is provided for external storage devices such as hard drives, magneto-optical drives and DAT backup. RA4000 is controlled by the RC4000 controller. Up to four RA4000 units can be controlled by the RC4000 allowing for a system of up to 16 tracks.

RA4000 Storage/Interface Unit Mfr. List \$5,499.00

RC4000 System Controller Mfr. List \$1,499.00

Call For BSW Price

JL COOPER**CS1
Multi-media Controller**

BSW carries the full line of JLC Cooper interface products including the CS-1 Control Station™, an easy to use mouse replacement for hard disk-based recording systems, MIDI sequencers and other video and multimedia applications. The CS1 features conventional controls that look and feel like a tape recorder transport, with large buttons for record, play, stop, fast forward and rewind. A footswitch input permits hands-free operation, and the smooth, optically encoded jog/shuttle wheel provides precise positioning and effortless scrub editing. Use with Session-8, CardD, SAW, RAP-10 and other software-based digital audio production systems.

Mfr. List \$499.95

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/SMPTEsync boxes for reasonable prices with a lifetime guarantee.

Call For Pricing And Configuration

DIGITAL AUDIO STORAGE**Disk Drives/Optical Drives/DAT Back-up**

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 for digital audio workstations, optical drives for removable convenience, DAT back-up drives for archiving and rack-mountable combinations of the above. BSW can provide quality products from various manufacturers at competitive prices.

Call For Pricing And Configuration

ARRAKIS



DIGILINK2 Digital Audio Storage/Automation Systems

Digilink brings together CD quality digital recording, the flexibility of computer controlled automation and the maintenance-free nature of digital storage to create the ultimate record-play environment for radio.

Digilink replaces cart machines, cassette recorders, reel to reel machines and all other magnetic tape based record/play equipment and provides 16-bit digital audio recording and playback for live on-air use, for satellite automation, tape automation and CD automation.

With multi-tasking capability, the Digilink can simultaneously play, record and transfer files over a network at the same time. This makes it possible for Digilink to be playing on air and recording a new spot at the same time.

Digilink workstations may be digitally networked to transfer audio and scheduling information between studios. Non-Digilink computers may be placed on the network for traffic or music scheduling. Digilink can import and export music and traffic schedules from third party software systems.

Digilink includes a 2-track editing/production window or interfaces directly with Track*Star multi-track production system (see next column).

The most recent version of Digilink (Digilink 2) includes the following performance features:

- Cross fade & overlap of hard disc audio files
- Auto-fill (fill short stopsets) & Smart-Squeeze (intelligently adjusts overlap times and squeezes files to fit set time)
- File search by title • Cart rotation
- "one touch" hot rotation (one touch access to latest news, weather, effects etc.)
- Pioneer 18 CD player support
- Two event CD pre-cue
- Batch transfer multiple audio files at once
- User programmable function keys
- Voice compression
- 40 user definable clocks

DL2600 10 hour system Mfr. List \$7,995.00

DL21000 16 hour system Mfr. List \$9,995.00

Call For BSW Price

ARRAKIS

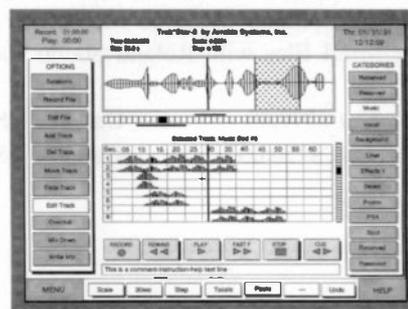
DIGILINK THREE Digital Audio Storage System

Digilink Three features Arrakis' 'Triple Play' with dual audio outputs (play 1 & 2) and digital crossfade for a third play. The Digilink three is the perfect cart machine replacement for live on air applications. It allows you to cue or audition an audio file stored on hard disk while playing a second audio file (or crossfading between two files) on air. The dual play capability also makes it possible to play a file, such as a music bed, and then select a 2nd file, such as an effect, and mix the effect over the top of the music bed.

A 35 button jingle box option allows you to assign effects and other sound files to a switch bank or key board so that any programmed audio file is available at the touch of a button.

Mfr. List \$10,995.00

Call For BSW Price



TRACKSTAR Multi Track Mixer/Editor/Recorder

Anyone in your radio station can now achieve the creativity and productivity of multitrack mixing and editing with the Arrakis Track*Star.

The Track*Star TS-8 provides two audio input and output channels with comprehensive playback and editing of up to 8 tracks simultaneously from disk.

Record and store on disk all of your standard music beds and sound effects. Select any combination of up to 4 stereo or mono sound files for editing and mixing. Once selected, you can easily scrub, cut, splice, copy, move, delete, fade and mix any combination of these files to create your new spot or jingle. Record or overdub new voice tracks into the system while simultaneously playing back your preassembled mix. No matter how much you cut, splice, or throw away pieces of files, non-destructive digital editing leaves your original files unchanged.

Track*Star can be purchased as a complete stand alone system that is fully compatible with Digilink that includes a rack mounted digital hard disk controller, 120MB drive, VGA monitor, keyboard and mouse or trackball. Additional expansion storage can be purchased for longer recording times. Track*Star software can be added to existing Digilink systems to provide your Digilink with multi-track production capability. Track*Star utilizes 16 bit linear PCM data format with 18 bit D/A-A/D convertors. 15 kHz bandwidth is achieved with 32 kHz sampling rate.

TS8C Basic 8-track system (stand alone) Mfr. List \$5,495.00

HD10 1.2GB expansion storage Mfr. List \$2,500.00

HD16 2.1GB expansion storage Mfr. List \$3,500.00

DT8MT Track*Star for Digilink Mfr. List \$1,995.00

TS2TS 2-track software Mfr. List \$1,995.00

Call For BSW Price

ITC



DIGICENTER Digital Storage/Automation Systems

The DigiCenter is flexible and powerful enough to handle any and all phases of your stations production and playback. Its capabilities include the scheduling and operation of multi-source on-air reproduction, audio production facilities, interface to traffic scheduling and accounting systems, satellite program networks, and control of other commonly utilized broadcast equipment.

DigiCenter's basic on-air interface emulates the functions of a standard cart machine. Facilities may be expanded to include emulation of up to three on-air reproducers, a production recorder/reproducer with VariTime recording for delayed playback and audio editing capabilities, and a secondary recorder, all of which may be operated simultaneously.

All cuts can be edited with begin or end trim and VariTime compression/expansion without pitch change and stored and labeled for playback with familiar cart label style identification.

Live assist or other optional automation programs permit playlist creation and editing as well as QuickPick access. All scheduled events are logged as successfully or unsuccessfully completed, and are optionally available for printout.

On screen help is always available with the DigiCenter and can be accessed without interrupting any of the operational functions. A built in modem is supplied with every system allowing diagnostic help and the ability to immediately receive software upgrades or additions direct from ITC.

Multi-Station Automation System Mfr. List \$73,695.00

- 2 rack mounted drives each w/4 simultaneous stereo channels & 4 hours stereo storage
- 2 work stations • Program automation software • Traffic/accounting/billing/music software • Denon 400 CD changers • 2 CD controller hardware packages

Multi-Station System Mfr. List \$62,595.00

- 2 rack mounted drives each w/4 simultaneous stereo channels & 4 hours stereo storage
- 2 work stations • Traffic/accounting/billing software

AM/FM Live Assist System Mfr. List \$29,895.00

- Rack mounted drive w/4 simultaneous stereo channels & 4 hours stereo storage
- 2 work stations Program automation software • Traffic/accounting/billing software

CD Jukebox Automation System Mfr. List \$36,595.00

- Rack mounted drive w/4 simultaneous stereo channels & 4 hours stereo storage
- Traffic/accounting/billing/music software • PAC software • 2 Denon 400 CD changers
- CD control hardware • 1 work station

Satellite Automation/Live Assist Mfr. List \$16,995.00

- Rack mounted drive w/2 simultaneous stereo channels & 4 hours stereo storage
- SAC software & hardware

Program Automation/Live Assist Mfr. List \$19,995.00

- Rack mounted drive w/2 simultaneous stereo channels & 4 hours stereo storage
- Consumer CD interface hardware • PAC software

Call For BSW Price

REGISTER DATA SYSTEMS



PHANTOM Digital Storage/Automation Systems

With years of experience in traffic and billing systems for PC, Register Data Systems (RDS) knows the flow of radio station programming and how to make events happen in time - flawlessly. So when it comes to digital storage/automation systems, you can count on RDS to provide a product that is conceptually sound and will work in the real world.

The Phantom digital storage/automation system is designed using the latest technology in audio signal processing. It offers 486-class microprocessors and other high efficiency components, with fast, state-of-the art operating systems and software.

Although the Phantom can replace carousels and cart machines in live operation, tape or CD-based automation, the Phantom is ideal for satellite automation. It has the flexibility to operate with complete control of all satellite functions and multiple satellite or network input sources.

For seamless programming, The Phantom can re-time spots to cleanly fit into a satellite break without inserting silence, overlapping, or running late. It can also fill incomplete breaks with spots from a list you specify without ruining product separation. A history of system activity is maintained in the Phantom so you can create reports to keep you informed on a number of topics, from a list of expired spots to an analysis of potential mistakes in your log.

While you're recording, the Phantom remains completely functional, sensing relay closures and starting breaks as easily as when it's not recording. It offers multiple recording formats and sampling rates so you can balance the audio quality you need (up to 22 kHz bandwidth) with the storage options you choose.

Phantom has 4 basic storage size options: 330MB, 877MB, 1230MB and 2400MB. Dolby AC-2 Compression is provided for additional storage time. System features Dual DSP output for simultaneous recording/playback.

Call us today to request a free demo disc.

P341 330MB Mfr. List \$10,450.00

P841 877MB Mfr. List \$14,250.00

P1241 1230MB Mfr. List \$15,500.00

P2441 2400MB Mfr. List \$18,250.00

Memory Backup Additional

Call For Specific Configuration And Pricing

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 \$139.00

Call For BSW Price



K141/2

A lightweight, semi-open-air headphone with resonance-free characteristics of "open air" designs. Frequency response 20 Hz to 20,000 Hz. 4-600 ohm impedance.

Mfr. List \$119.00

Call For BSW Price

BEYER



DT150

The DT150 provides an extremely wide frequency response (5 Hz - 30 kHz), excellent isolation from ambient noise (30dB) and high SPL capability. Large ear cushions are very comfortable. Modular construction ensures easy serviceability. 2 year warranty.

Mfr. List \$269.00

Call For BSW Price



DT211

These lightweight, small diameter phones feature high SPL handling and a virtually unbreakable padded headband. Frequency response is 30 Hz to 18 kHz.

Mfr. List \$59.00

Call For BSW Price

FOSTEX



T20RP

The Fostex T20RP headphones can handle high SPL without distortion. Soft, comfortable ear pad in a semi-closed format. Removeable cable. Frequency response 50 Hz to 30,000 Hz.

Mfr. List \$109.00

Call For BSW Price

KOSS

LifeTime Warranty



PRO4AA

The PRO4AA 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

LifeTime Warranty



PRO4XTC

The PRO4XTC has a neodymium, iron boron magnet that improves magnetic field strength for greater clarity and detail. Ear cushions are closed for minimum sound leakage. Frequency response 10-20,000 Hz. Impedance 230 ohm @ 1 kHz.

Mfr. List \$99.99

Call For BSW Price

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**HD450II**

Successor to the HD414 Series and designed specifically for the professional. Open-air design, HD450II provides higher output and improved accuracy using neodymium-iron magnets. Supplied with 10-ft. stranded steel cable. Frequency response 20 Hz to 20,000 Hz. Impedance 60 ohms.

Mfr. List \$99.00

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

**HD435**

Sennheiser's entry level, large diaphragm, open-ear style headphone is the HD435. It offers full sized performance and comfortable, long term listening at a very affordable price. Frequency response 22 Hz to 20 kHz.

Mfr. List \$59.00

Call For BSW Price

SONY**7506**

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.

Mfr. List \$135.00

Call For BSW Price

**7504**

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

Mfr. List \$106.00

Call For BSW Price

**7502**

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

Mfr. List \$62.00

Call For BSW Price

**BSW Stocks The Most Popular
Headphones For Immediate Shipment.**

AKG



C410Q Headset

The AKG C410Q is a super lightweight and comfortable headset that is perfect for the announcer on the go. The hyper cardioid/noise cancelling condenser mic element works well in even the noisiest environments. Mic frequency response 30 Hz to 18 kHz. Headphone response 20 Hz to 20 kHz.

Mfr. List \$329.00

Call For BSW Price

BEYER



DT190 Headset

Beyer has taken the popular design of the DT109 and added a higher quality hyper cardioid mic element and studio quality headphone elements to create the DT190 headset. Now you can have the same comfort, durability and flexibility of the 109 with improved audio quality.

DT190 Mfr. List \$399.00

Call For BSW Price

DT109K Mfr. List \$329.95

Call For BSW Price

DT108K (Single Ear) Mfr. List \$269.95

Call For BSW Price

SENNHEISER



HMD224 Headset

One of broadcasting's most popular headsets, the HMD224 incorporates a dynamic cardioid microphone specially angled on the boom for optimum speech reception. Sealed ear configuration guards against unwanted crowd noise. Headphone frequency response, 16 Hz to 20,000 Hz; microphone, 50 Hz to 12,000 Hz.

Mfr. List \$330.00

Call For BSW Price

SHURE



SM2 Headset

The Shure SM2 provides maximum comfort, durability and high quality sound reproduction. Headset features include a patent mic boom mount adjusts for left or right side use, a metal boom that is less subject to damage, a rugged, all metal headband with leather-like covering, and "pillow-soft" ear pads for maximum comfort. Headphone frequency response, 100 Hz to 8,000 Hz; mic response 50 Hz to 15,000 Hz.

Mfr. List \$244.00

Call For BSW Price

TELEX



V220 Headset

This unique new 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 \$147.00

MB11 Supercardioid Dynamic Mic Element Mfr. List \$42.00

MB12 Supercardioid Electret Mic Element Mfr. List \$42.00

CA10 Cable (XLR And 1/4" For Electret) Mfr. List \$137.00

CA11 Cable (XLR And 1/4" For Dynamic) Mfr. List \$93.00

Call For BSW Price

Plan Ahead!

Not all headsets come complete with terminations. Some manufacturers leave terminations off the headsets to allow the customer to make the proper match to the equipment they will be used with. When purchasing your headset, be sure to ask your BSW representative if it requires termination connectors. BSW stocks various connectors to correctly terminate the headset you purchase.

ATI

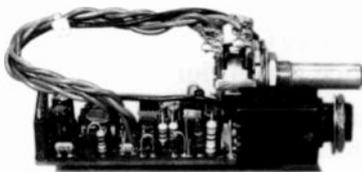


**HD1000/HD100
Headphone Amplifiers**

HD1000 drives 4 stereo headphone outputs from a balanced stereo or mono line input plus a front panel mic input that can be panned left or right. A balanced stereo loop output is provided to feed any number of HD100 single stereo headphone modules. The HD100 is a self contained single channel headphone amplifier.

HD1000 Mfr. List \$479.00 Call For BSW Price
 HD100 Mfr. List \$199.00 Call For BSW Price

BENCHMARK



**HPA1
Headphone Amplifier**

The HPA1 can be used anywhere - in consoles, at the patch bay, on interview tables and test sets, wherever you need individual level control. The HPA1 is ideal for headphones with impedances from 60 to 600 ohms. This kit requires power supply and installation.

BSW Price \$70.00

FOSTEX



**PH5
Headphone Distribution Amp**

The PH5 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 \$165.00 Call For BSW Price

RDL



**STSH1
Headphone Amplifier**

This Stick-On™ Series unit gives you an adjustable, amplified stereo headphone output wherever you need it. Drives 8Ω to 5000Ω headphones from a balanced or unbalanced input. Gain adjustable from 3 to 45 dB. Requires PS24A power supply.

STSH1 Mfr. List \$94.95 Call For BSW Price
 PS24A Mfr. List \$13.95 Call For BSW Price

AKG



**V6HP
Headphone Amplifier**

Professional headphone amplifier that delivers clean, high output headphone levels for up to 6 stereo headphones. Each headphone pair has its own front panel mix selector switch to select among 5 possible combinations of the 2 inputs. Small size (6"x4"x3") makes the V6HP perfect for remote work.

Mfr. List \$429.00 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 by-passes the main stereo input.

Mfr. List \$429.00 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 \$299.00 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 many headphones are plugged in. Features heavy duty chassis with locking 1/4" jacks.

BSW Price \$74.95

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



DP100/MM100 Interface Amplifier

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.

DP100 Mfr. List \$259.00

Call For BSW Price

MM100 Mfr. List \$289.00

Call For BSW Price

DBX



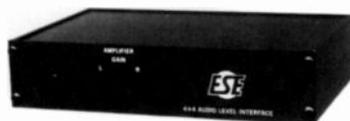
1024 Buffer Amplifier

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

ESE



ES-244 Interface Amplifier

The ESE interface amplifier is stereo, bi-directional -10 dBv to +4 or +8 dBm device. Gain +6 to +20 dB adjustable. Single or dual rackmount options available. Optional rack kit available.

Mfr. List \$179.00

Call For BSW Price

HENRY ENGINEERING



MATCHBOX 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

RANE



FBB44 BALANCE BUDDY Balance Transformer

The Balance Buddy offers inexpensive, yet effective conversion of -10 dBv sources to +4 dBu and vice-versa. Utilizing passive transformers to convert the signal, the FBB44 perfectly preserves signal to noise performance and adds no additional noise. For use with equipment with having impedance of 15 k ohms or greater (most pro gear is 20 k ohm or greater).

Mfr. List \$259.00

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

Each Radio Design Labs Stick-On™ measures only 2.9" W x 1.5" D x 0.5" H and is housed in durable plastic. Stick-On's are so small they can be directly and discretely mounted on equipment or under counter tops. Careful attention to audio specifications and durability required by professional audio users are found in every Stick-On™. 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	\$112.95
STA1M	Audio Line Amp (mono)	\$82.95
STPA2	2 Watt Utility Power Amplifier	\$52.95
STPA6	6 Watt Audio Power Amplifier	\$72.95
STACR1/ACR2	Audio Controlled Silence Sense Relays	\$74.95
STDA3	Distribution Amplifier, Mono	\$104.95
STCL1	Mono/Stereo Compressor/Limiter	\$115.95
STGCA1/GCA2	Gain Control Amplifiers	\$98.95
STLCR1	Logic Controlled Relay (momentary pulse)	\$57.95
STLCR2	Logic Controlled Relay (alternate action)	\$85.95
STM1	Microphone Preamp, Fixed gain	\$79.95
STM2	Microphone Preamp, Variable gain	\$109.95
STMDA3	Mic-Level Distribution Amplifier	\$104.95
STMPA2	Mic Phantom Adaptor	\$68.95
STMX3	Line Level Mixing Amp	\$94.95
STMMX3	Mic Level Mixing Amp	\$104.95
STPH1	Stereo Phono Preamp	\$104.95
STSH1	Stereo Headphone Amplifier	\$94.95
STVCA1	Voltage Controlled Amplifier	\$93.95
PS24A	24 volt Power Supply For All Active Units* <i>*Power Supplies Must be ordered separately</i>	\$13.95

PASSIVE STICK-ONS

STD1	Divider/Combiner Network, Four Channel (specify 150 or 600 ohm)	\$38.95
STP1	Variable Attenuator, Two Channel	\$43.95

Call For BSW Discounted Prices

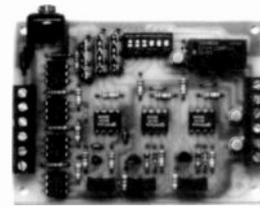


STICK-ON SERIES RACKING SYSTEM

STR19 19" Rack Kit, (Holds 12 Stick-On's), Snaps Included	Mfr. List \$99.95
STR12 Rack Kit Snaps, (Additional 12 Pack)	Mfr. List \$27.95

Call For BSW Price

BDI



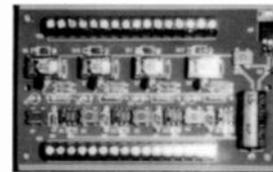
UNI200 Universal Relay

The UNI200 from BDI is a versatile circuit card designed to solve most remote control interface problems. It can add remote control and remote status capability to devices that are normally not remoteable. Ask a BSW representative for a spec sheet providing complete details.

Mfr. List \$49.00

Call For BSW Price

BROADCAST TOOLS



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 \$225.00

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

BURK TECHNOLOGY



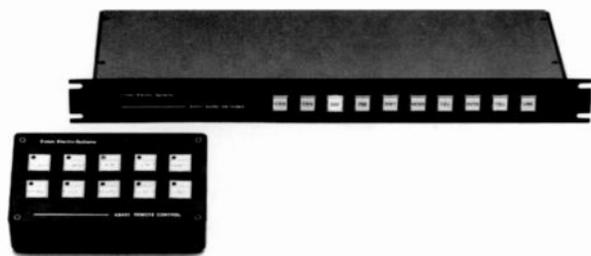
LX1 Stereo Selector

This 1x6 stereo source selector can improve your control room operation by reducing demands on your air console and eliminating the need to patch for alternate program sources. Features include "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



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 \$895.00

AS401 Remote Control

Mfr. List \$150.00

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. The UM33 provides the easiest, least expensive, and most compact way of handling a variety of common monitoring, cueing, amplifying, and switching situations.

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 \$550.00

Call For BSW Price

HENRY ENGINEERING



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

TITUS TECH LABORATORIES



MLW1 Automatic Stereo Router

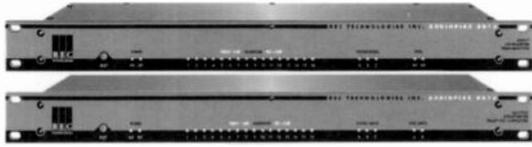
This wonder box can automatically identify and correct a number of problems that can occur in any monaural or stereo audio path or can act as a manual router and level matcher.

All inputs and outputs are balanced. The inputs can be individually set for -10, +4, or +8dBm and the outputs for +4 or +8dBm. Metering is provided for left/right and left+right/left-right.

Mfr. List \$1,800.00

Call For BSW Price

BEC



AD16/DA16 Digital Snake System

This system allows you to take 16 separate, balanced audio channels and digitally transmit them over a single twisted pair cable with 90 dB of dynamic range. Here's how it works. The AD16 accepts signals from up to 16 balanced, line-level inputs, converts the signals into 16-bit digital, and then multiplexes ("muxes") the discrete signals into a single data stream for transmission over twisted pair copper wires to a receiver up to 300 feet away (750 feet on two twisted pairs). The DA16 receiver demuxes the incoming data stream and converts it back to 16 low noise, full bandwidth analog signals. Triple system redundancy, full line driving redundancy and DC power back-up are provided.

AD16/DA16SYS Mfr. List \$6,000.00 Call For BSW Price

BROADCAST TOOLS



SMI5B Studio Monitor Intercom

The Broadcast Tools SMI (Studio Monitor Intercom) 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. In addition, host headphones split for talkback in the right ear and air signal or program in left ear (defeatable while on air). Other features include full remote control with tally, 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.).

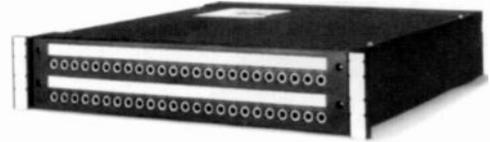
SMI5B	Mfr. List \$699.00
SMI25P (5-station interface)	Mfr. List \$179.00
SMISK (2-station interface kit (75' cable))	Mfr. List \$119.00

Call For BSW Price

Need Prices On A Major Project ?

Save yourself time and FAX us your equipment list. We'll have a complete price quote back to you in no time.

ADC

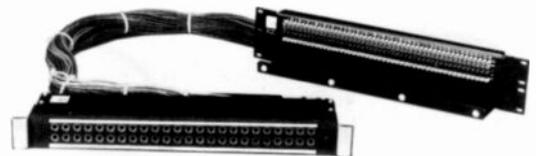


PRO PATCH MARK II Patchbays

ADC's finest Series of patchbays are compact and ultra-high quality. In front, circuit designations are neat and convenient; and in back, the terminal layout affords faster installation and more flexibility of configuration. The fully enclosed Pro Patch chassis protects all the internal patchbay wiring as well as eliminating the need for routing and dressing conventional patchbay harnessing. 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 that utilize QCP connectors. QCP provides a "gas tight" connection which means your cable connections are impervious to harmful environments, thereby giving you a connection that will not deteriorate over time.

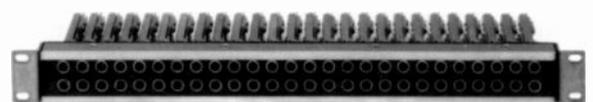
Call BSW For Price And Configuration



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



PJ390 Jack Panel

Here's a panel with two rows of 26 longframe jacks for your own custom wiring applications

Mfr. List \$176.06

Call For BSW Price



QB2 Wire Insertion Tool

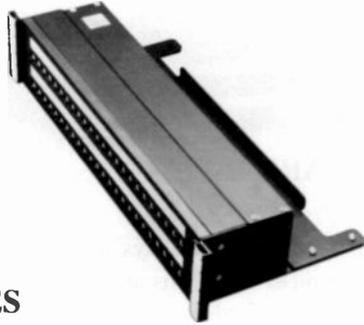
The insertion tool is used for insertion of wire into ADC patch systems with the QCP split cylinder terminations. It applies the correct force to the wire by a spring loaded mechanism within the tool. Includes one removable tip.

QB2 Mfr. List \$70.00

Call For BSW Price

QB2T (Replacement Tip) Mfr. List \$18.00 Call For BSW Price

ADC



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 \$198.00 **Call For BSW Price**
1.75" Panels With 2x24 Array Of Long Frame (1/4") Jacks

P-KITB Mfr. List \$264.00 **Call For BSW Price**
1.75" Panels With 2x48 Array Of Bantam Jacks



LONG FRAME 1/4"



BANTAM

PRO PATCH CORDS

Engineered for broadcasters where flawless performance is critical. ADC Pro Patch Cords are highly flexible, drapes 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

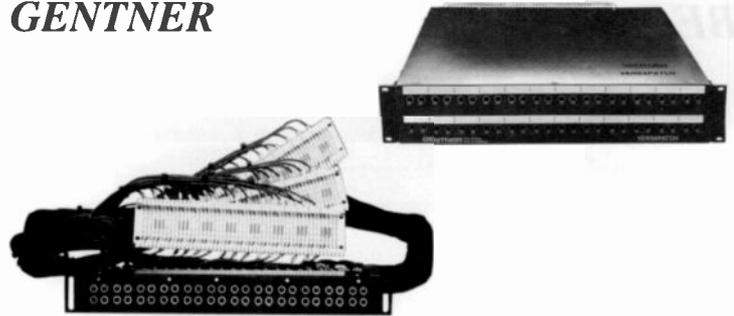
Single Plug	1'	2'	3'
Red	R1	R2	R3
Green	G1	G2	G3
Blue	B1	B2	B3
Black	BK1	BK2	BK3
BSW Price	\$18.00 ea.	\$19.00 ea.	\$23.00 ea.

BANTAM PATCH CORDS

Single Plug	1'	2'	3'
Red	R1B	R2B	R3B
Green	G1B	G2B	G3B
Blue	B1B	B2B	B3B
Black	BK1B	BK2B	BK3B
BSW Price	\$17.00 ea.	\$18.00 ea.	\$20.00 ea.

Call For Details On Complete Selection Of All
ADC Patchcords

GENTNER



VERSAPATCH and 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



FLEXIBLOCK FB100 Termination Panel

A "punch block" for stranded wire. Provides simple, gas-tight connection without cutting strands. Mounting bracket provides easy cable management. 100 terminals configured with 2 rows of 50 terminals; each slot accepts 2 wires. (Split Flexiblock also available; provides 2x50 terminals with 2 wire connections per terminal.)

Mfr. List \$31.00

Call For BSW Price

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.

Mfr. List \$13.95

Call For BSW Price

EVENTIDE



VR240 Digital Audio Logger

The VR240 Digital Broadcast Logger automatically records up to 252 hours of audio (that's 10 1/2 days worth) on a single low cost DAT cassette....with better quality than any reel-to-reel logging recorder. With the dual DAT transport model the VR240 provides an automatic switching function that can double unattended logging time, or playback audio while continuing to log audio on another tape. The total recording time can be divided among as many as 24 channels. The unit's high capacity digital data buffer enables the VR240 to pack audio segments continuously on tape with zero wasted track space, even when some channels receive no input for long periods, while others are continuously active. You can record your station's AM, FM and TV audio continuously in stereo. Monitor key competitive stations as well. Other channels can log intermittent sources like remote communications from ENG units, phone lines, and local police and fire channels.

On playback, the VR240 searches by date and time to locate any audio segment in less than 90 seconds. A built-in uninterruptible power supply assures you won't lose valuable data in the event of a power bump.

The Standard VR240 logger records 8 channels of audio simultaneously. Additional 8 Channel Input/Output boards can be purchased to increase the VR240's input/output capability to 24 channels.

VR240	Mfr. List \$10,495.00
VR240-2 (w/ dual DAT transports)	Mfr. List \$12,995.00
I/O8 8-Channel I/O Board	Mfr. List \$1,895.00 ea.
DATADAT90 (90 meter data grade DAT tapes - box of 10)	
Mfr. List \$240.00	Call For BSW Prices

VP244 Digital Logger Playback Deck

Eventide's VP244 digital logger playback deck expands the versatility of the VR240 digital logger, offering an easy to use, economical, space-saving way to access logged material at any location. With the VP244, it's not necessary to tie up the station's VR240 to access or search and play back tapes.

There can be a VP244 in the sales department, another in the general manager's office, yet another on the program director's desk. A station group's head office can use the VP244 to review logs recorded at each owned station. The news department can use its own VP244 to review police and emergency calls.

The VP244 has two parts; the main electronics unit houses the playback deck and most of the circuitry, while a smaller remote control console controls all functions. The operator can listen to any of the 24 recorded channels - up to 4 simultaneously. You can search by date, time and channel, aided by the remote's two line LCD display.

Mfr. List Price \$6,495.00 Call For BSW Price

RCS



TRACKER Digital Audio Logger

The TRACKER is a digital audio broadcast recording system that records and plays back 1 to 8 audio sources simultaneously. In a single track mode the TRACKER logs up to 14 days of audio on just one DAT Tape (Up to 24 hours, should all eight tracks be recording simultaneously). This digital audio logging system will record and play concurrently. The system can playback audio on the current tape in the machine while continuing uninterrupted recording. 4 different compression levels are selectable for audio quality required/vs total time storage needed.

The TRACKER computer will tell you the following:

- Audio is present on each channel and is correct
- DAT tape capacity and when the tape must be changed
- Which tape is loaded (active or archive)
- Start time/date of recording for each channel
- A journal of all recorded events

The TRACKER has:

- Built-in diagnostics
- Audible alarm when tape must be changed
- Balanced audio inputs and outputs
- Telephone interface that allows remote listening for any audio channel that is archived.

The TRACKER is supplied as a complete turnkey system. Just plug in a 1/4" audio connector and start recording. Included is a 386 host computer, monitor, audio interface, SCSI-DAT drive. This computer based hardware/software system is very easy to use.

With the TRACKER you'll get clean, clear, and precise audio reproduction.

Model	Capabilities	Mfr. List
MDL-31	3 Channel Record 1 Channel Play	\$12,000.00
MDL-31T	Same as above with Telephone Access	\$12,500.00
MDL-40	4 Channel Record	\$12,000.00
MDL-41	4 Channel Record 1 Channel Play	\$12,500.00
MDL-80	8 Channel Record	\$15,000.00
MDL-81	8 Channel Record 1 Channel Play	\$15,500.00

Prices Shown are Mfr. List. Call For BSW Price

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

AUDIO TECHNICA



**AT804
Omnidirectional Dynamic Mic**

Features high output, smooth response, and low handling noise. Economical mic for interviews and sportscasting. All steel case makes it almost indestructible.

Mfr. List \$95.00 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 \$1,389.00 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 \$695.00 Call For BSW Price

AUDIO TECHNICA



**ATM25
Dynamic Cardioid Mic**

Small hypercardioid mic with the performance of larger, more expensive studio mics. Minimal off axis coloration and voice tailored response.

Mfr. List \$265.00 Call For BSW Price
Options: Windscreen AT8112, Shock Mount TM3

BEYER



MCE 50/51

Extended frequency response, omnidirectional extremely small unobtrusive design. Available in battery or phantom power.

MCE50.11 Battery Mfr. List \$459.00

MCE50.15 Battery Mfr. List \$409.00

Call For BSW Price

AKG



**C5600
Condenser Cardioid Mic**

Large diaphragm condenser mic with high SPL handling. Features cardioid pattern, two position bass rolloff, broadband frequency response and internal spider suspension.

Mfr. List \$579.00 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 \$699.00 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 \$249.00 Call For BSW Price

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 \$659.00 Call For BSW Price
Options: Windscreen WS1, Shock Mount 309

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 \$580.00 Call For BSW Price
Options: Windscreen WS1, Shock Mount 309

ELECTRO-VOICE**635A
Omnidirectional Dynamic Mic**

Broadcasting's favorite for generations. The 635A offers incredible durability and low cost. Frequency response 80 Hz to 13,000 Hz. Output, 55 dB. Also available in black.

Mfr. List \$150.00 Call For BSW Price
Options: Windscreen 314E, Shock Mount 313A

**RE50
Omnidirectional Dynamic Mic**

Perfect for field use when handling noise presents a problem. The RE50 features built-in shockmount and blast filter for low handling noise. Frequency response is identical to the 635A. Also available in black.

Mfr. List \$224.00 Call For BSW Price
Options: 379 Windscreen, Shock Mount 313A

**RE38N/D
Dynamic Cardioid**

A 16-position equalization switch gives the RE38N/D great flexibility in obtaining the appropriate sound for any situation. This neodymium mic features DynaDamp™ vibration isolation eliminating the need for an external shock mount, and an adjustable mounting yoke for great mounting flexibility.

Mfr. List \$509.00 Call For BSW Price

**ND357B
N/DYM Dynamic Cardioid Mic**

The Electro-Voice ND357 is priced like other dynamics but features extended frequency response and higher output levels. Carries EV's unconditional guarantee.

Mfr. List \$236.00 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.

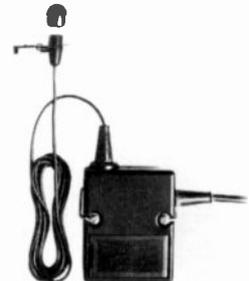
Mfr. List \$489.00 Call For BSW Price

**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 \$389.00
RE16 (RE15 With Blast Filter) Mfr. List \$409.00

Call For BSW Price
Options: Windscreens 314, 379 Shock Mount 313A, 307

**RE98
Miniature Condenser
Omnidirectional Mic**

This lavalier features low distortion, wide dynamic range, and highpass filtering to minimize low-frequency rumble. Uses standard 9-volt battery or phantom power. Includes tie-clip, windscreen, and carrying pouch.

Mfr. List \$314.00 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 \$2,450.00 Call For BSW Price
Options: Windscreen WS87, Shock Mount (option "Z")

NEUMANN**TLM170MT
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 \$2,450.00 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 \$1,295.00 Call For BSW Price

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 \$469.00 Call For BSW Price
Options: Windscreen WS1, Shockmount TM3/311

SENNHEISER**ME80/K3U
Short Shotgun Mic**

Combination of supercardioid at low frequencies, and shotgun above 2,000 Hz. Excellent on-camera or hand-held interview mic for ENG/ EFP. Use with K3U power module. Frequency range 50-15,000 Hz.

ME80 Mfr. List \$269.00
K3U (Power Supply Module) Mfr. List \$245.00
Call For BSW Price

SENNHEISER**MKE2-3
Subminiature Omni Mic**

Open, natural sound plus extremely small size make the MKE2-3 unique among its kind. Used by all major TV networks. Includes K3U power module.

MKE2-3 K3U Mfr. List \$479.00
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 \$360.00 Call For BSW Price

SONY**PBR330
Parabolic Reflector**

For long distance microphone pick-up use the Sony PBR330 parabolic reflector. Use with your existing microphones. Adjustable for optimum focal point.

Mfr. List \$100.00 Call For BSW Price

CROWN**SOUNDGRABBER
Pressure Zone Mic**

Crown PZM microphone technology in an inexpensive package. One Soundgrabber in the middle of the table can replace eight conventional microphones for recording. You can understand every word with amazing definition and detail. 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

SHURE**SM58LC/SM57LC
Dynamic Cardioid Mics**

Ideal for studio and remote, and 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 Mfr. List \$188.75

SM57LC Mfr. List \$147.00

Call For BSW Price

Optional Windscreens: (SM58) A58WS, (SM57) A2WSA

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 \$283.50 Call For BSW Price

**SM63LLC
Omnidirectional Dynamic Mic**

The SM63 is an elegant, rugged microphone with very high output... up to 6 dB higher than comparable omnidirectional microphones. Frequency response 50 Hz to 20,000 Hz. Output, -56 dB. Long handle is perfect for ENG work.

Mfr. List \$168.00 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

**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

**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

**SM83CN
Omnidirectional Lavalier Mic**

Provides superior quality sound reproduction in professional broadcasting and features a wide range frequency response to provide natural sounding vocal reproduction. Mic is detachable from the preamp. Frequency response 80 to 20,000 Hz.

Mfr. List \$263.50 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.

SM91A or SM90A Mfr. List \$310.00

Call For BSW Price

AUDIO TECHNICA



1200 SERIES Wireless Mic Systems

Audio Technica's newest generation VHF wireless system, the 1200 Series offers improved RF performance for increased signal/noise, greater headroom and greater dynamic range. ATW1236 is the handheld system featuring a Hi-Energy® A-T mic element and ATW1235 is the UniPac™ bodypack transmitter with XLR adaptor for standard mics or 2 lavalier options (uni or omni).

Systems W/Mic From \$745.00 Mfr. List
Call For Pricing And Configuration

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 featuring the famous MCE5 omni element. Additional features: 8-10 hour battery life, RF & audio LEDs, variable squelch control, all metal construction, 12 frequencies available.

S250H (handheld) or S250L (lavalier) Mfr. List \$599.00

S150H (handheld) or S150L (lavalier) Mfr. List \$399.00

Call For BSW Price

ELECTRO VOICE



MS2000A Wireless Mic Systems

MS2000A true-diversity offers EV dependability in a wireless wireless mic. system. The rack mountable MR2000A receiver is a true dual-receiver design to offer outstanding reception even under the most adverse conditions. XLR balanced and 1/4" audio connectors are provided. For transmitters, choose from the MT2000A handheld mic that contains the N/D757B microphone head, or the MB-2000A body-pack transmitter and several options of lavalier microphones.

System Prices Start At \$798.00 Mfr. List
Call For Configurations And Pricing

SAMSON



STD BROADCAST SERIES Wireless Mic Systems

Samson's STD systems feature 10 selectable digitally-synthesized channels on both transmitter and receiver, ensuring the ability to find the clearest channel regardless of your location. Through the use of the BR3 level LED ladder you can visually scan all 10 channels to select the best channel for operation. Broadcast STD Series also provides improved RF circuitry and utilizes dbx noise reduction to provide expanded dynamic range and the highest level of audio quality.

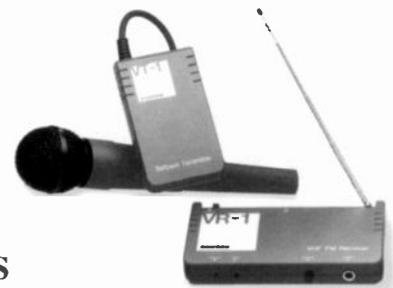
System Prices Start At Only \$2,149.99 Mfr. List
Call For Pricing And Configuration



STAGE II SERIES Wireless Mic Systems

Here is our most popular seller in budget priced wireless systems. The Samson Stage II Series offers superior VHF non-diversity wireless performance. dbx noise reduction assures high signal-to noise ratio and quiet reception. This system will operate under adverse RF environments and is stable at distances up to 250 feet. Choose from systems that feature different mic capsules in either handheld or body pack transmitters.

System Prices Start At Only \$304.99 Mfr. List
Call For Pricing And Configuration



VLP SERIES Wireless Mic Systems

Our lowest priced wireless system is Samson's VLP Series wireless. Available in handheld or lavalier versions, these systems are great for short range applications.

VLPHAND (Handheld)

Mfr. List \$299.99

VLPLAV (Lavalier)

Mfr. List \$234.99

Call For BSW Price

SHURE**L SERIES
Wireless Mic System**

The L Series gives you a level of reliability and features unsurpassed in its price range. L Series systems are available in diversity and non-diversity versions and feature popular Shure microphone models that are perfectly matched to the system electronics.

System Prices Start At \$445.00 Mfr. List For Non-Diversity Call Toll-Free For Complete Specifications And Prices

TELEX**FMR100 SERIES
Wireless Mic System**

Choose a Telex FMR100 system when highest fidelity and faultless performance are a must. For lavalier applications the FMR100 receiver pairs up with a WT60 belt pack for super clean audio with a SNR of more than 104 dB, or choose the WT80, one of the industry's smallest belt packs and one of several popular mic elements. Several handheld options are available. FMR100 includes all the convenience features of the other Telex Series and offers the highest possible audio performance.

**System Prices Based On Configuration
From \$846.00 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 \$564.00 Mfr. List Call For BSW Prices**

TELEX**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 (receiver) volume and squelch controls, popless mic mute, mic gain control. Several handheld and lavalier mic element options available.

**System Prices Based On Configuration
From \$380.00 Mfr. List Call For BSW Prices**

VEGA**AX20 SERIES
Wireless Mic System**

Vega AX20 systems are designed to provide years of dependable service under the most adverse conditions. Systems consist of the R-22 true-diversity receiver and your choice of the T-25 bodypack transmitter that accepts virtually any lavalier mic via the miniature XLR connector, or one of three handheld transmitter options: T-24 with Electro-Voice N/D757B neodymium dynamic element, T-28 with Electro-Voice BK-1 cardioid condenser element, and the T-29 with Vega K4 cardioid condenser element.

High-reliability, dual-mode squelch circuits, multipole RF preselectors, and extensive IF filtering make the R-22 receiver the most selective and sensitive receiver in its class.

**System Prices Based On Configuration
From \$1,368.00 Mfr. List Call For BSW Prices**

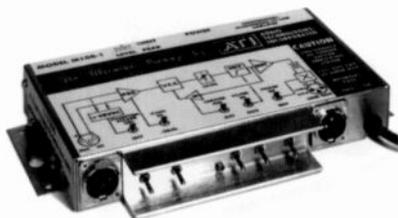
**R27
Portable Wireless Receiver**

R-27 provides the selectivity and sensitivity needed for the most demanding applications, resulting in interference-free operation, even in congested RF environments. Tough aluminum case, powered by 9-volt battery, XLR output, BNC antenna jack.

Mfr. List \$846.00

Call For BSW Price

ATI



M100 ULTIMIKE Microphone Preamp

Eliminate dimmer noise, RF pickup and hum loops by mounting this small, rugged, full featured preamp right near the audio source. The unusually quiet, direct balanced amplifier input 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. A unique output driver provides the many advantages of the true transformer isolation with no performance compromises. XLR in and out, dual rack mountable.

Mfr. List \$349.00

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 \$299.00

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. It is ideal for use where long lines must be driven at higher than microphone or auxiliary levels. It can also be used to interface between equipment requiring different signal levels.

The balanced, locking XLR input and output provide for excellent rejection of hum and RF interference. A switchable peak limiter prevents output overload distortion. Additional features include a peak/limiter LED indicator, aux level mini-phone jack input, balanced line-level binding post output, and a removable belt clip. The FP11 is powered by one standard 9V battery.

Mfr. List \$290.00

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 \$79.95

STM2 Mfr. List \$109.95

PS24A Power Supply

Call For BSW Price

Call For BSW Price

BSW Price \$13.25

DBX



760X Microphone Preamplifier

Whether you're in the field recording to DAT or video deck, or in the studio feeding a studio mic into a line level input, the 760X from dbx will give you the clean mic preamplification you need. The 760X provides high quality transformerless inputs and outputs and delivers 60 dB of sonically transparent gain. 1/4" unbalanced outputs also provided. Additional features for this two channel, half-rack width unit include: clip indicators, polarity reverse switch, and switchable phantom power. Rack mounting hardware is included with this unit.

Mfr. List \$349.00

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 \$68.30

Call For BSW Price

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

**WS1
Studio Windscreen**



Here are cost-effective windscreens for large studio microphones. Perfect fit for the Sennheiser MD421U, ElectroVoice RE20 or RE27 and the Neumann U-87 and U-89. Comes in your choice of Red, Blue, Black, Green, or Orange. Very durable. May be washed without fading or losing their shape.
BSW Price \$19.95 ea. BSW Price 4+ \$17.95 ea.

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 \$34.65 A97F BSW Price \$40.95

WHIRLWIND



**LITTLE IMP
Mic Transformer**

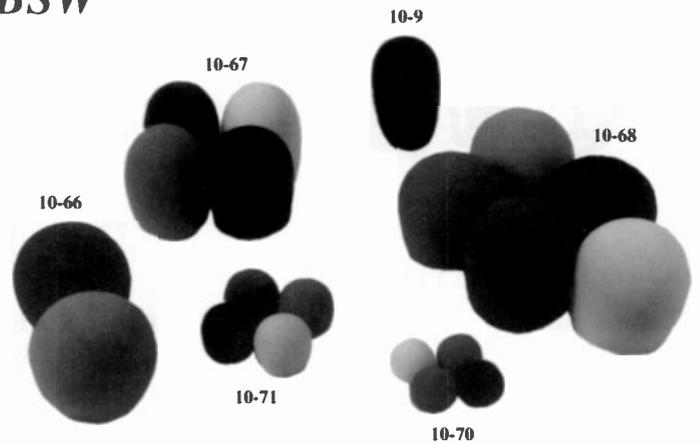
Impedance matching transformer XLR type low in to 1/4" high out. Quality construction.
BSW Price \$11.40

**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 \$60.80 Call For BSW Price
SPLITTER1X3 Mfr. List \$68.00 Call For BSW Price
IMP COMBINER Mfr. List \$68.00 Call For BSW Price

BSW



Universal Multi-Color Windscreen Sets

Block out unwanted pop, wind, noise and close talking hiss. Made from special soft cut foam, decorative in design. These multicolor screens add beauty to your microphones as well as identify them so no mix up will occur when more than one microphone is used.

- 10-9** 2 3/4" high screen, fits slim models from 3/4" to 1 1/8", black
BSW Price \$2.00
- 10-66** Contains two 2 3/8" high screens, fits 1 3/4" to 2" diameter mics, 1-red, 1-blue.
BSW Price \$6.75
- 10-67** Contains four 2 3/4" high screens, fits 1 3/4" diameter mics, 1 each: red, blue, yellow, black.
BSW Price \$9.20
- 10-68** Contains five screens 2 3/8" high for spherical head mics with 1 3/4" to 2" diameter. 1 each: red, blue, yellow, green, black.
BSW Price \$21.60
- 10-69** Contains four 7/8" high screens, fits 1/4" to 1/2" diameter lavalier type mics. 1 each: red, black, yellow, green.
BSW Price \$6.90
- 10-70** Contains four 1 1/8" high screens, fits 3/4" to 1" diameter mics. 1 each: red, black, yellow, green. BSW Price \$9.65
- 10-71** Contains four 1 1/2" high screens, fits 7/8" to 1 1/8" spherical head mics. 1 each: red, black, yellow, green.
BSW Price \$9.10

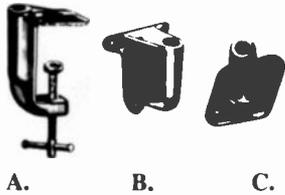
RAXXESS



**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 \$39.95 Call For BSW Price
STOP6 Mfr. List \$19.95 Call For BSW Price

LUXO



Mounting Brackets For Booms

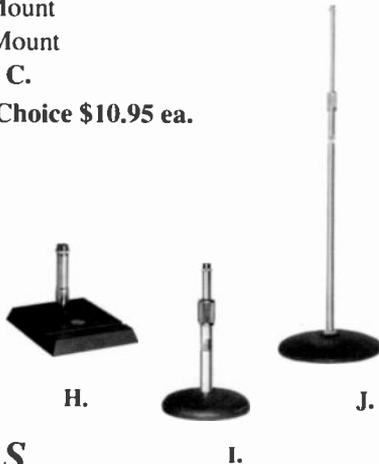
- A. Clamp Mount
- B. Wall Mount
- C. Desk Mount

Your Choice \$10.95 ea.



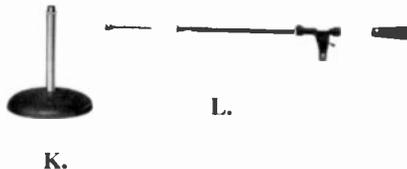
- D. PRO-BRACKET 12" aluminum pedestal. Colors: grey, oyster, black and silver. BSW Price \$24.95
- E. LM1-3 41" reach heavy duty model for up to 3 lb. microphones. Oyster or black color.

- F. LM1 41" reach, for 1 lb. microphone. Oyster or black color.
- G. LM2 26" reach, for 1 lb. microphone. Grey color.
- E. - F. or G. BSW Price \$65.00
- E. - F. or G. With 12" Pedestal Pro-Bracket BSW Price \$85.00



ATLAS

- H. DS2 Vibration Isolating Stand
Non-adjustable 3" high chrome tube. Non-reflective 4"x 6" charcoal base. BSW Price \$22.70
- I. DS7 Adjustable Desk Stand
Chrome tube assembly, adjustable height 8" to 13". Grip-action clutch. 6" diameter charcoal base. Black or silver. BSW Price \$15.70
- J. MS12C General Purpose Floor Stand
Grip-action clutch. Low-profile charcoal base with added weight for extra stability. Our best seller. Black or silver. BSW Price \$29.40



- K. DS5 General Purpose Stand
Non-adjustable 4" high chrome tube. 6" diameter cast iron charcoal base. BSW Price \$10.75
- L. PB25X Microphone Boom
Die-cast swivel, tapered counterweight, coordinated hardware. Attaches to any microphone stand terminating in 5/8" diameter tubing or adapter. Grip action clutch. Expandable from 31" to 50". Black or silver. BSW Price \$56.30



QUIK LOK

- M. 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 \$45.10
- N. 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 \$59.80

NEUTRIK



Audio Connectors

When it comes to quality connectors, choose Neutrik. More than 15 million have been sold over the last 10 years. Easy to disassemble and reassemble. Built-in strain relief system that insures your connection will remain solid under adverse conditions.

Call For Pricing On Specific Connectors

PROCABLE



M10/M25 Microphone Cable

High quality, low loss mic cable featuring Neutrik XLR connectors. Black cable is flexible without a memory. Quantity Discounts Available.

- M10 (10') BSW Price \$12.95
- M25 (25') BSW Price \$15.95

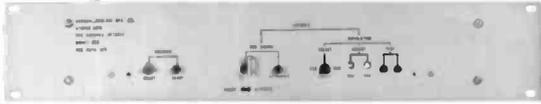
HOSA



WT1148G

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.

- WT1148G Package Of 5 BSW Price \$2.95

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**

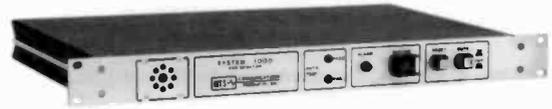
Receive accurate local weather, plus emergency alert messages, weather radar data or marine information. Automatic warning for severe weather or civil defense emergency.

Mfr. List \$540.00**Call For BSW Price****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. Or 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 • Optional NOAA weather service receiver • Left and right channel outputs • Remote operation • Built-in monitor speaker

Mfr. List \$1,900.00**Call For BSW Price****MTS****SYSTEM 1000
EBS System**

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

Features:

- Continuous automatic self test • Full program audio loop through
- Digital remote control access • Stereo outputs • Independent encoder output • Alarm relay • Hi-Z RX monitor port

Mfr. List \$899.00**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****5 Great Reasons
To Order From BSW**

Excellent Prices

Outstanding Selection

Extensive Inventory

Fast Delivery

Knowledgeable Sales Representatives

BELAR



**FMMA1 WIZARD™
Digital FM Modulation Analyzer**

Controlled by a sophisticated microprocessor, the Wizard™ can tell you just about everything you ever wanted to know about your FM signal - using parameters that you configure, either from the front panel or remotely. Major Features: Digital reading of peak modulation (% and kHz deviation) with variable hold time (instant to 10 seconds) and highest peak display • Adjustable peak modulation indicator from 0% to 200% modulation, in 0.5% increments • Adjustable peak per minute (PPM) alarm - from 1 PPM to 100 PPM, in 1 PPM increments • Adjustable PPM duration window from 5ms to 10 seconds • Eight different peak weighting time constants • Actual PPM count, averaged over a sliding 1 minute window • Built-in, configurable loss-of-program alarm

The Wizard is shown above with the RFA4 frequency agile FM RF amplifier that allows direct dialing selection of any FM frequency with 10 presets.

FMMA1 Mfr. List \$3,300.00 **Call For BSW Price**
RFA4 Mfr. List \$1,190.00 **Call For BSW Price**



**AMM2B
AM Modulation Monitor**

Features: Separate 100% negative peak and 125% positive peak modulation indicator lamps that are independent of carrier level • Adjustable peak modulation indicator, 40 to 130% in less than 1% increments, independent of carrier level • True peak-reading modulation meter • Built-in carrier-off alarm • Built-in modulation calibrator

Mfr. List \$1,590.00 **Call For BSW Price**



**FMM2
FM Modulation Monitor**

The heart of the FMM2 is an ultra-linear digital discriminator which provides a distortionless baseband signal for accurate monitoring as well as precise stereophonic, and SCA decoding. FMM2 required with FMS2 or SCM2.

FMM2 Mono Modulation Monitor **Mfr. List \$1,790.00**
FMS2 Stereo Modulation Monitor **Mfr. List \$2,050.00**
SCM2 Subcarrier Modulation Monitor **Mfr. List \$2,050.00**

Call For BSW Price

DELTA



**SM1
AM Splatter Monitor**

Now you can use the same tool that the FCC uses to measure your station(s)' compliance with NRSC and FCC regulations and requirements. It's inexpensive and easy to use and interpret results.

SM1 **Mfr. List \$2,905.00**
AWA1 Active Whip Antenna **Mfr. List \$570.00**
Call For BSW Price

INOVONICS



**530-00
FM Modulation Analyzer**

The Inovonics model 530 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.

MODMINDER **Mfr. List \$2,395.00**
FMMM2 ModMinder W/Demodulator **Mfr. List \$3,090.00**

Call For BSW Price

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. 18 tests can be performed in addition to measuring FM and SCA modulation when used with an oscilloscope.

Mfr. List \$6,875.00

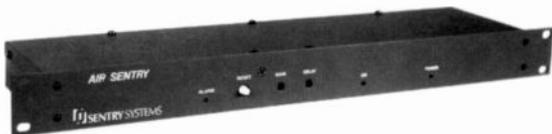
Call For BSW Price

RDL**ACM2
Amplitude Component Monitor**

The ACM2 is a precise AM noise meter which connects to the RF sample on an FM transmitter. A digital string display with 20 dB of range displays AM noise for precise transmitter tuning. It interfaces with any remote control for continuous indication of AM noise. An adjustable alarm threshold can signal the station operator when AM noise has increased beyond a pre-determined level. The nature of AM noise measured can be examined by the engineer with the oscilloscope output. Audio and data outputs are provided, as well as a new remote control output that shows transmitter forward power.

Mfr. List \$695.00

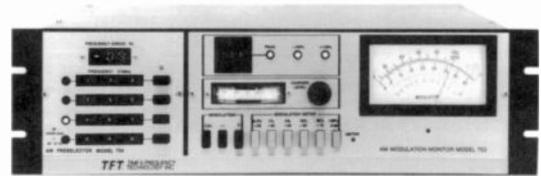
Call For BSW Price

SENTRY SYSTEMS**AIR SENTRY II
Audio Signal Monitor**

The Air Sentry 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 Sentry 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

TFT**753/755A
AM Modulation Monitor/Preselector**

In today's competitive AM markets, you need to deliver a strong signal to the widest possible area. But, transmitter power alone isn't enough. You also need all the modulation you can legally achieve. That's the basic purpose behind the TFT Model 753 AM Modulation Monitor. Not only does it make extremely accurate proof of performance measurements, but more importantly, it allows you to monitor your transmitter so precisely that you can modulate it to the maximum legal limits in absolute confidence. The optional 755A preselector module allows you to monitor your own, or a competitors signal off-air.

753 Mfr. List \$1,760.00

Call For BSW Price

755A Mfr. List \$1,850.00

Call For BSW Price

**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. State-of-the-art design includes the use of linear phase filters, large scale integrated circuits (LSI) and toroidal power transformers to reduce hum and power line noise. Modular PC cards make service and routine calibrations easy.

Mfr. List \$5,150.00

Call For BSW Price

**884
FM Stereo Modulation Monitor**

A cost effective alternative to TFT's popular Model 844A. The 884 allows you to maximize modulation levels while maintaining the highest signal quality. The 884 can be used for transmitter proof of performance measurements (with a 40 dB attenuator inserted before the antenna input), or at the studio for off-air monitoring. The frequency synthesized pre-selector can be used to select your own station's signal or the signal of another station for easy and convenient comparison.

Mfr. List \$3,765.00

Call For BSW Price

ATI



VU SERIES VU Metering Systems

Expandable ATI MicroMeters display one, two, three or four stereo lines (eight channels) on bright, two-color vacuum fluorescent bar-graph indicators. Balanced, bridging inputs are switchable for 0 VU at -10, +4, and +8 dBm line levels. Displays -20 to +8 VU with peaks stored for several seconds. Backlit, compact 3 1/2" rack mount.

From \$549.00 Mfr. List Call For BSW Price

DORROUGH



40A Loudness Monitor

Dorrough loudness monitors display, in an easy to read format, the actual energy content of the program material while still indicating peak amplitude by displaying both peak and average on the same scale. 40 LEDs in a single scale offer maximum accuracy in signal monitoring.

Mfr. List \$475.00

Call For BSW Price

ESE



ES-215



ES-216

ES-215/ES-216 Audio Level Indicators

The ES-215 and 216 meters display audio levels with bright, easy to see, multi-colored LED 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. Rack mount kits 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 \$169.00

Call For BSW Price

CIRCUITWERKES



TELERADIO Remote Controlled Listen Line

Perfect for programming consultants and group program directors to monitor up to 10 radio stations in the same market from a remote location. 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. FCC Type Approved for phone connection. Auto answer and auto hang up for unattended, 24 hour operation.

Mfr. List \$629.95

Call For BSW Price

DENON



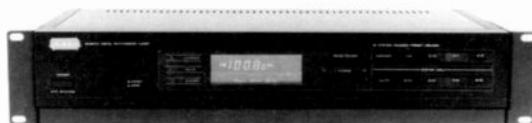
TU650RD AM/FM/RDS Tuner

This high performance tuner features high sensitivity, high S/N ratio, low distortion and wide/narrow IF Bandwidth selection (FM). In addition the TU650RD offers RDS (Radio Data System) display and functions including program service name, program type indication and search, clock time and RDS search.

Mfr. List \$375.00

Call For BSW Price

ROLLS



RF78 AM/FM Tuner

Digital synthesized AM/FM tuner with 8 AM and 8 FM presets that hold in memory even when power goes down. Mono/Stereo switch, unbalanced output, 2-RU high. Includes rack ears and AM loop antenna.

Mfr. List \$230.00

Call For BSW Price

SOUNDCRAFTSMEN



T100PRO AM/FM Tuner

Soundcraftsmen's advanced technology incorporates sophisticated frequency synthesized tuning with a highly stable quartz crystal oscillator that locks into the broadcast signal and makes station selections precise and drift-free. A 20-station pre-select. Rack mountable.

Mfr. List \$440.00

Call For BSW Price

OTARI



**5050 SERIES
2, 4, and 8 Channel Recorders**

The Otari MX5050 Series include the MX5050BIII two track, BQIII 4 track, three overhead meter style machines - The MKIV-2 two track, MKIV-4 four track, and MKIV-8 eight track.

All models include the following features: Three-head design • Transformerless balanced inputs and outputs • Front panel record electronics with built-in test oscillator • Gapless, seamless, punch-in/punch-out (on BQIII, MKIV-4, and MKIV-8 only) • Dump edit and cue modes • Reel size selector for take-up and supply reels • Servo controlled direct drive motor • Microprocessor controlled tape handling with dynamic braking • Built-in mini auto locator with 3 cue point memory, search to zero, and repeat function • Microphone and line mixing on each channel • Tape timer display shows Hrs/Min/Sec as well as tape speed in IPS and % of tape speed • Pitch control (+/-20% in .01% steps) • Time code editing with external synchronizer via 37 pin parallel interface • Extremely rugged construction

Available options: Autolocaters CB119, CB120 • Remote controllers CB127, CB144 (MKIV-8) • Synchronizer EC102 • Roll-around stand ZA52L • Rack mount kit (for upright models) RK2B

MX5050BIII	Mfr. List \$3,770.00
MX5050BQIII	Mfr. List \$5,906.00
MKIV-2	Mfr. List \$4,915.00
MKIV-4	Mfr. List \$6,862.00
MKIV-8	Mfr. List \$7,204.00

Call For BSW Price

PRORAX

**PO100
Table Top Console**

An attractive, rugged, economical table top console to accommodate your MX5050BII/III. Replaces the two side panels of your Otari. Installation is a breeze using existing screws.

BSW Price \$99.00



OTARI



**MX55
2-Channel Recorder**

Loaded with features, the MX55 was designed for fast paced production and mastering applications. Features: DC-servo capstan motor allows +20% vari-speed • Inputs and outputs are transformerless active balanced • LED tape timer with accurate return-to-zero and 3 cue memory points • Concealed front panel audio adjustments • Built-in cue speaker and headphone amplifier • Extra 1/4 track reproduce head

MX55N Mfr. List \$4,915.00

Call For BSW Price

MX55NM Mfr. List \$6,285.00

Call For BSW Price

(Same As Above With Meterbridge Console)



**MX50IIN
2-Channel Recorder**

The Otari 2-track for facilities on a limited budget. Durable transport features DC-servo capstan motor with vari-speed of +7%. Five digit tape timer has return-to-zero and search-to-cue for quick location of desired cue point. Speeds are selectable in pairs of 15/7.5 or 7.5/3.75 ips. Inputs and outputs are transformerless active balanced and have XLR connectors.

Mfr. List \$2,720.00

Call For BSW Price

REVOX

**PR99MKIII
2-Channel Recorder**

True to the Studer Revox tradition, the PR99 has always offered a great combination of features, price and long term service. The sturdy die cast deck plate offers durability while autolocating functions make production or on-air work a breeze. The front panel layout facilitates easy operation. (Unit has rack mounting flanges standard. Shown above with optional wood side panels.)

Mfr. List \$3,495.00

Call For BSW Price



TASCAM



**BR20
2-Channel Recorder**

Designed with professional use in mind, 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 • Precision tension servo controlled transport for exceptionally smooth operation • Switchable 15/7.5 ips tape speed (optional 7.5/3.75 speed available) • Accurate real-time tape counter with 3 presettable locate points and zero locate • Dump edit, manual edit, stop edit, and quick cue modes • Independent L/R reel size selectors • Built in rack mounting • Optional remote control

Mfr. List \$2,799.00 Call For BSW Price



**32
2-Channel Recorder**

The cost effective model 32 offers independent left-right recording, pitch control, dump edit, NAB equalization, and 10 1/2" reel capacity. Sync mode allows over-dub recording with full frequency response. Rack mount is available as an option.

32 Mfr. List \$2,099.00 Call For BSW Price
34B (1/4" 4-Track) Mfr. List \$2,599.00 Call For BSW Price

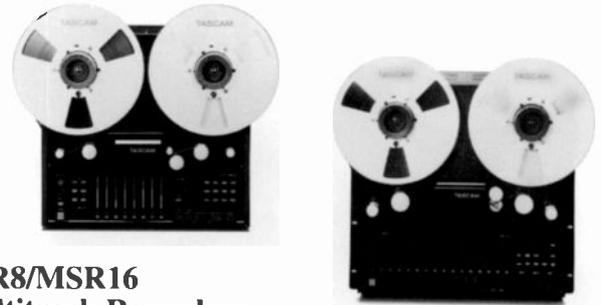


**22-2
2-Channel Recorder**

The Tascam 22-2 is a great reel to reel recorder for use where large reels are not needed. Quality electronics and great tape handling. Features: 1/2 track record/playback • 7 inch reel capacity • 7 1/2"-15 ips • Remote pause function • NAB equalization • Rack mount available (RM22)

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

TASCAM



**TSR8/MSR16
Multitrack Recorders**

Tascam's 1/2" format recorders incorporate the most advanced technology including dbx noise reduction, auto punch-in/out, and gapless punch-in/out as well as a number of control features designed to help you be more productive. Choose the MSR16 (16-track) or TSR8 (8-Track).

TSR8 Mfr. List \$3,299.00
MSR16 Mfr. List \$7,999.00
MSR16S (with Dolby "S") Mfr. List \$8,999.00
Call For BSW Prices

FOSTEX



**G16S
16-Track Recorder**

The Fostex G16S 1/2" 16-track with Dolby "S" is a cost effective way to get the sound quality of larger format machines. G16S provides extensive MIDI and SMPTE interface options making it the perfect machine to use in conjunction with digital work stations and video editing. Advanced autolocator features are built into each G16S such as 10 programmable cue points, cue dial, zone limiting and pre-roll. Optional 8330 card allows MIDI machine control, VCR emulation and SMPTE read/write.

Mfr. List \$8,995.00 Call For BSW Price



**R-8
8-Track Recorder**

The ultra-compact Fostex R-8 utilizes 1/4" tape on 7" reels. R-8 boasts respectable frequency response with some very practical control features like auto locate and MIDI & SMPTE interface capability. Front panel is removable for remote control of all functions and remote metering.

Mfr. List \$2,800.00 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) \$13.50	(10+) \$12.50
499151111 1/4" x 1200'	7" plastic reel	(1-39) \$10.00	(40+) \$9.25
499174111 1/4" x 2500'	10 1/2" metal reel	(1-9) \$24.50	(10+) \$23.00

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) \$14.50	(10+) \$12.60
456151111 1/4" x 1200'	7" plastic reel	(1-39) \$10.00	(40+) \$8.70
45617311J 1/4" x 2500'	10 1/2" metal reel	(1-9) \$26.50	(10+) \$23.00

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) \$11.70	(10+) \$10.10
406151131 1/4" x 1200'	7" plastic reel	(1-39) \$8.40	(40+) \$7.30
40617313J 1/4" x 2500'	10 1/2" metal reel	(1-9) \$21.65	(10+) \$18.80
40717613T 1/4" x 3600'	10 1/2" pancake	(1-9) \$18.50	(10+) \$16.20
407151131 1/4" x 1800'	7" plastic reel	(1-39) \$11.05	(40+) \$9.60
40717313J 1/4" x 3600'	10 1/2" metal reel	(1-9) \$29.35	(10+) \$25.40

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) \$3.90	(40+) \$3.40
632151111 1/4" x 1200'	7" plastic reel	(1-39) \$5.90	(40+) \$5.15
632173111 1/4" x 2500'	10 1/2" metal reel	(1-9) \$19.60	(10+) \$17.00
642131111 1/4" x 900'	5" plastic reel	(1-39) \$4.90	(40+) \$4.25
642151111 1/4" x 1800'	7" plastic reel	(1-39) \$8.10	(40+) \$7.00
642173111 1/4" x 3600'	10 1/2" metal reel	(1-9) \$23.90	(10+) \$20.70

Empty Reels And Boxes

Plastic Reels	BSW Price	Metal Reels	BSW Price
5464 5" - NAB Center	.70 ea.	6393600 10 1/2" - NAB center	\$11.55
5196 5" - EIE Center	.55 ea.	(includes box)	
5231 7" - EIE Center	.99 ea.	Empty Boxes	
6284 10 1/2" - NAB Center	\$3.60 ea.	605 5" empty box	.50 ea.
		607 7" empty box	.50 ea.
		630 10 1/2" empty box	\$1.15

3M



996 Audio Mastering Tape

996 outperforms any other mastering tape on the market with 3 dB greater output level and 3 dB less print through and noise when biased properly. Capable of recording at +9 dB, suggested operating level is +6 dB. Comes in new TapeCare™ Library Box for maximum tape protection.

Model	Description	Price ea.	Price ea.
9961425HPB 1/4" x 2500'	10 1/2" pancake	(1-11) \$12.70	(12+) \$11.80
9961412PR7 1/4" x 1200'	7" plastic reel	(1-19) \$8.90	(20+) \$8.30
9961425RD 1/4" x 2500'	10 1/2" metal reel	(1-11) \$23.50	(12+) \$21.50

226 Audio Mastering Tape

226 Audio Mastering Tape provides versatility for outstanding all around performance. Its unique oxide dispersion significantly reduces print-through without any sacrifice in signal-to-noise. 227 Mastering tape is a 1 mil. version for remote and extended recording applications.

Model	Description	Price ea.	Price ea.
2261425HPB 1/4" x 2500'	10 1/2" pancake	(1-11) \$11.50	(12+) \$10.60
2261412PR7 1/4" x 1200'	7" plastic reel	(1-19) \$8.10	(20+) \$7.50
2261425RN 1/4" x 2500'	10 1/2" metal reel	(1-11) \$21.00	(12+) \$19.50
2271436HPB 1/4" x 3600'	10 1/2" pancake	(1-11) \$21.60	(12+) \$20.10
2271418PR7 1/4" x 1800'	7" plastic reel	(1-19) \$12.50	(20+) \$11.60
2271436RN 1/4" x 3600'	10 1/2" metal reel	(1-11) \$34.90	(12+) \$32.40

806 SERIES Audio Mastering Tape

Specially formulated to meet the high output, low print requirements. 807 is a 1 mil. thickness for extended recording time.

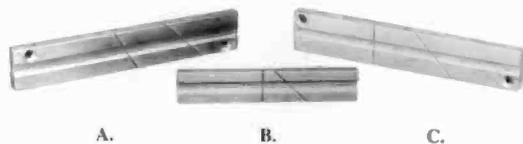
Model	Description	Price ea.	Price ea.
8061425HPB 1/4" x 2500'	10 1/2" pancake	(1-11) \$9.70	(12+) \$9.00
8061412PR7 1/4" x 1200'	7" plastic reel	(1-19) \$7.10	(20+) \$6.60
8061425RN 1/4" x 2500'	10 1/2" metal reel	(1-11) \$17.80	(12+) \$16.50
8071436HPB 1/4" x 3600'	10 1/2" pancake	(1-11) \$15.70	(12+) \$14.60
8071418PR7 1/4" x 1700'	7" plastic reel	(1-19) \$9.50	(20+) \$8.80
8071436RN 1/4" x 3600'	10 1/2" metal reel	(1-11) \$24.90	(12+) \$23.15

Recording/Accessories

Splicing Tape	BSW Price
67732100 100' Spool	\$4.80

Leader Tape	BSW Price
61W1415 White Polyester 1500' Reel	\$15.80

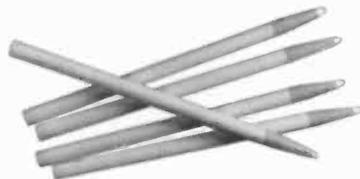
FOSTEX/GENEVA/XEDIT



SPLICING BLOCKS

- | | |
|-------------------------|--------------------------|
| A. EDITALL S3 | BSW Price \$43.70 |
| S3/90 (90°/45°) | BSW Price \$43.70 |
| S3/OT (Fits Otari 5050) | BSW Price \$57.00 |
| B. FOSTEX 9930 | BSW Price \$17.60 |
| C. GENEVA PF-311 | BSW Price \$28.80 |

BSW



**164T
Editing Pencils**

White china markers don't require sharpening. Perfect for all your tape editing.

- | | |
|-----------------------|--------------------------|
| 164T Box Of 12 | BSW Price \$16.95 |
|-----------------------|--------------------------|



**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 |
|-----------------------|-------------------------|

SCOTCH/3M



Scotch Splice Tape

100 feet of the best splice tape you can buy. Can be used in any standard office "Scotch Tape" dispenser.

- | | |
|---------------------------------|-----------------------------|
| 67732100 (For 1/4" Tape) | BSW Price \$4.80 ea. |
| 6712100 (For 1/2" Tape) | BSW Price \$6.50 ea. |

GENEVA



**PF016/PF032/PF008
Head Cleaning Fluids**

Non-flammable, non-toxic, no CFCs and completely safe on plastics, rubber, metals, painted surfaces, epoxies and elastomer parts.

- | | |
|------------------------------|--------------------------|
| PF016 (16 oz. Spray) | BSW Price \$11.00 |
| PF032 (32 oz. Liquid) | BSW Price \$21.50 |
| PF008 (8 oz. Liquid) | BSW Price \$7.50 |

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 \$19.75 |

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

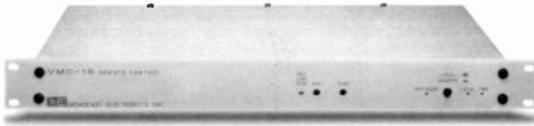


TEST TAPES

Complete selection of test tapes for every application. Available in cassette, cartridge, and open reel.

Call 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 TOUCHTONE® 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

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. Call the ARC-16 from any tone phone: The Enhanced Speech Interface (ESI) lets you take control using your telephone keypad. It can be used as the only control or in addition to the studio controller and can be installed in the transmitter or the studio unit.

Features: Full-time studio control, dial-up control, or both • Studio controller displays clear text prompts for non-technical operators • Dial-up speech unit features digitally-recorded human voice • Built-in subcarrier generators at no extra charge • Built-in alarms • Optional computer interface • Control multiple sites with a single unit

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

CONEX



DT55 Remote Control

The DT-55 answers a phone line, accepts a user determined access code, then allows remote control of ten SPDT relays and the remote monitoring of ten external switch contacts or logic levels. The relays are magnetic latching. On power loss and restoration, the relays can retain their prior status or return to the de-activated state (your choice). Each relay can be set, cleared or activated momentarily (for the duration of the push-button actuation on the calling telephone.) Additionally, the DT-55 can be set up to act in an interlocking mode. When a button is pressed, its associated relay is set and all other relays are cleared.

Other features include: miniature screw-clamp terminal strips, plug in IC's and relays for easy maintenance, status lights indicate ringing signal, power, DTMF tone detection, line connection and access, easily distinguishable tones indicate the high-low or open-closed status of the ten external inputs and switch-selectable access code.

Mfr. List \$339.00

Call For BSW Price

Don't See It? - Ask Us

This Catalog Represents Only A Fraction Of The Thousands Of Items Available From BSW

GENTNER



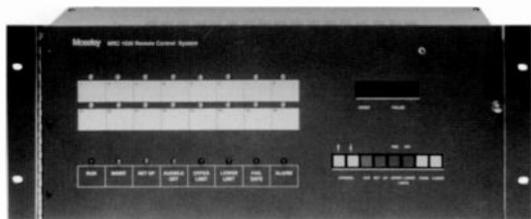
**VRC2000
Remote Control**

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.

Basic VRC2000 Mfr. List \$3,359.00

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 Price

MOSELEY



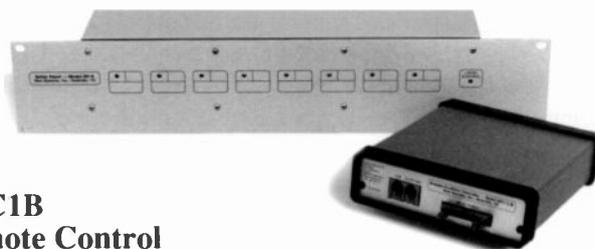
**MRC2
Remote Control System**

Multi-site, Multi-function, 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.

Several options and configurations available. Call for complete information and pricing.

Prices Based On Configuration

SINE SYSTEMS



**RFC1B
Remote Control**

Whether you need a primary remote control, a back-up for your existing remote control, or you simply want your own private "back door" to the transmitter, the Sine Systems RFC1B represents the best value in dial-up remote control systems. Use a standard telephone to control your transmitter and take meter readings. The built-in alarm system phones up to six different telephone numbers to indicate an alarm condition. The control unit placed at the transmitter site is hooked up to optional RP-8 relay panels to offer control and telemetry. Each RP-8 offers 8 raise, 8 lower, and 8 telemetry channels. Extra RP-8s may be added up to 64 channels. Several options available.

- RFC1B Control Unit Mfr. List \$1,099.00**
- RP-8 Relay Panel Mfr. List \$399.00**
- AFS-1 Audio Fail-safe Mfr. List \$249.00**
- SP-8 Surge Protector Mfr. List \$129.00**

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

MARTI**RPT30/CR10D
Remote Pickup System**

Remotes are a breeze with a Marti Remote Pickup System. Start with an RPT30 transmitter that offers four balanced microphone inputs, one is selectable to line level, and a built-in FM compressor/limiter. Flashing LEDs indicate antenna VSWR problems and over-temperature conditions and a built-in subaudible encoder can activate repeaters or other equipment with the flip of a switch. Single or dual frequency models are available.

The companion CR10D is a rack mounted VHF or UHF base station receiver dual frequency capability built in. It features a built-in test meter, squelch relay, optional DC operation, built-in sub-audible tone decoder with relay, special noise reduction circuit, 90 dB spurious rejection and a front panel monitor speaker.

RPT30	Mfr. List \$1,695.00
RPT30-2 Dual Frequency	Mfr. List \$1,725.00
CR10D	Mfr. List \$1,295.00
CR10-2D Dual Frequency	Mfr. List \$1,325.00

Call For BSW Price

MOSELEY**RPL4000
Remote Pickup System**

The RPL 4000 offers the features and specifications you expect from Moseley at a modest cost. The portable RPL4010 transmitter is fully synthesized, light weight and can be used as a complete stand alone unit with three balanced, adjustable inputs, or in conjunction with existing repeaters or portable audio mixers. Features include selectable audio bandwidths from 5-15 kHz and noise reduction companding. The 4020 receiver has excellent adjacent channel rejection and selectivity, which is absolutely essential in crowded UHF bands. An industry standard connector is provided for audio control interface with existing equipment.

RPL4010/4020 Mfr. List \$4,850.00 Call For BSW Price

TFT**8888/8889
Remote Pickup System**

The TFT Model 8888 RPU Transmitter and 8889 RPU Receiver offer outstanding flexibility, versatility and reliability. The transmitter and receiver are frequency synthesized N1, N2 and S bands. Two operating frequencies are programmed by internal DIP switches and are front panel selectable. In addition, frequency deviation and receiver bandwidth are selectable. DTMF control is provided for receiver activation, bandwidth and deviation selection. The 8888 enables you to adjust the RF power output to suit your needs with a maximum RF output power of 25 watts.

8888/8889 Mfr. List \$4,840.00 Call For BSW Price

COMREX**CTA/LPQRA
Cue System**

This system consists of the CTA cue transmitter and the LPQRA receiver. It relays both program and instructions from the transmitter (which can be installed in a van, studio, press box, stadium, etc.) to pocket receivers. This FM system features 100% duty cycle, broadcast audio quality, and crystal control. FCC type accepted.

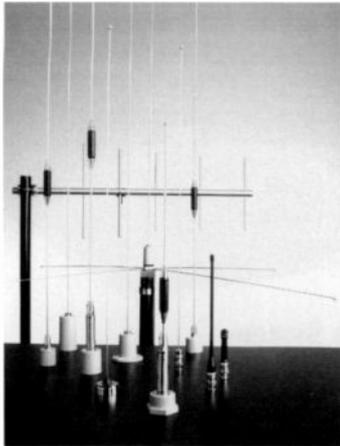
Mfr. List \$1,900.00 Call For BSW Price

VEGA**IFB12
Wireless IFB System**

The IFB-12 private-line wireless IFB system, consisting of Model PL-2 dual-channel miniature portable receivers and the Model RMT-10 base-station transmitter, provides professional sound quality and reliability for IFB and audio monitoring application.

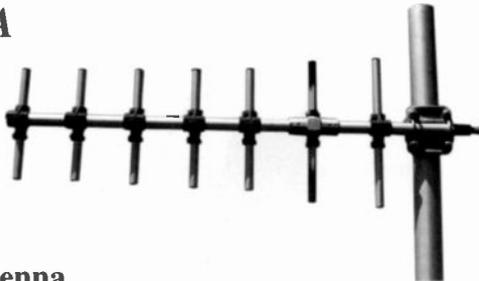
RMT10 Transmitter Mfr. List \$798.00
PL2 Receiver Mfr. List \$180.00 ea.

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**CA7460
Yagi Antenna**

The CA7460 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 \$150.00

Call For BSW Price

WILL-BURT**Pneumatic Telescoping Masts**

TMD masts are used in remote locations to support antennas transmitting broadcast signals back to the studio. Mounted on remote broadcast vehicles, TMD standard duty masts support antenna weights of up to 40 lbs. to heights of 34 ft. allowing the remote to shoot over most local obstructions.

The TMD pneumatic telescoping mast is a series of graduated extruded aluminum tubes that are assembled to nest one inside another. Each tube has a seal at the bottom to contain air pressure and a collar at the top to limit extension of the tube inside it. 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 \$1,300.00

Call For BSW Price

MARTI**STL-15C/R-15C
STL System**

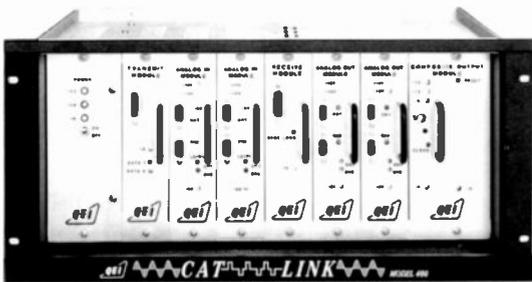
The Marti STL-15C transmitter and companion R-15C receiver form a high quality, frequency synthesized, radio communications link. Depending upon the available channel bandwidth, the systems can transmit composite stereo with two subcarriers, or digital stereo audio when used with external modems. Features: 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 \$6,495.00

STL10/R10 Mono System Mfr. List \$3,290.00

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 service. Digital PCM encoding/decoding provides a transparent link to the transmitter. No audible delays to annoy air talent because the CAT-LINK provides real time processing. Maximum stereo performance...CAT-LINK sends and receives composite stereo, plus you get multichannel send and receive capabilities including up to four aux channels. Use for AM audio, Satellite or remote feeds, SCA's, control channels, voice communications and transmitter readings.

Call BSW for all the particulars regarding the benefits of owning a CAT-LINK system.

Prices Based On Application

MOSELEY**PCL6000 SERIES
Composite STL Systems**

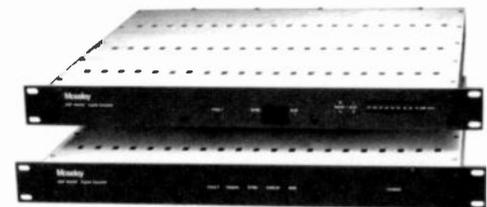
The PCL6010 transmitter and PCL6020, 6030 and 6060 receivers employ a synthesized reference oscillator to eliminate fixed frequency crystals. Monaural or composite operation is available from a single system. By selecting appropriate jumpers, you can enable wideband composite stereo or 15 kHz monaural 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

**DSP6000
Digital STL Encoder/Decoder**

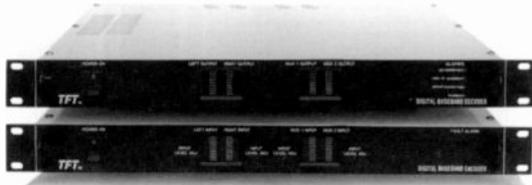
Your key to an STL system that can pass CD quality audio is the DSP6000. This digital encode/decode system is designed to be used with Moseley PCL6000 or PCL606 Series STLs. It provides a 90 dB SNR with only .01% distortion and can operate in existing channel allocations from 100 to 500 kHz, coexisting with established analog radios.

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.

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

**Basic System Starts At \$5,990.00 Mfr. List Complete Digital
STL Packages Available 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 at RF receive levels much lower than analog STLs, allowing extended range and better performance in noisy RF environments. Digital and analog I/O Encoders and decoders are available. Analog I/O models have up to 4 channels of balanced audio with 16 bit A/D conversion and APT-x sub coding for very short audio delay and excellent audio quality.

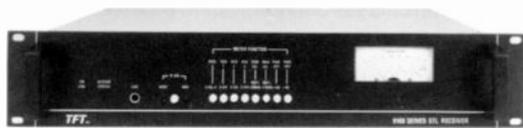
**System Prices From \$5,850.00 Mfr. List
Call For Pricing And Configuration**



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. By combining these two functions, you avoid demodulation of the composite signal to baseband, allowing the cleanest transfer from an analog receiver to an FM exciter available.

Mfr. List \$9,100.00 Call For BSW Price



9100/9107 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 ($\pm 12V$, $\pm 24V$, $\pm 48V$). Receiver features: 0.05% THD, 80dB SNR, 50 dB stereo separation, high interference immunity without phase distortion, 5-year warranty, built-in receiver switchover.

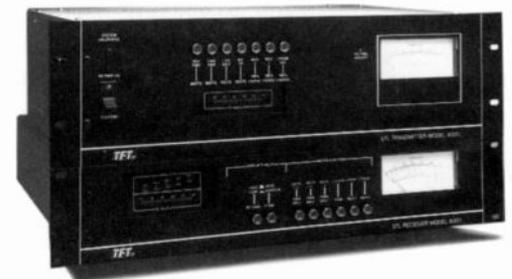
**9100 Mfr. List \$3,550.00 Call For BSW Price
9107 Mfr. List \$3,385.00 Call For BSW Price**

TFT

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 where numerous signals present in the 940-960 MHz band make it difficult to operate composite STL'S without interference problems. 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 make the 8300 System perfect for your operation.

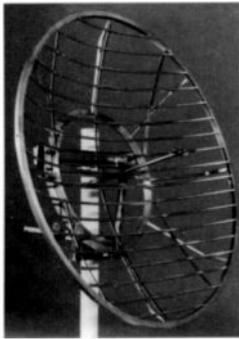
**8300 Transmitter Mfr. List \$5,300.00 Call For BSW Price
8301B Receiver Mfr. List \$5,160.00 Call For BSW Price**



7700B SERIES Composite STL System

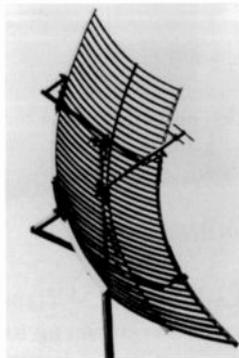
This high quality STL from TFT provides excellent audio quality and reliability. IF modulation improves S/N ratio and stereo performance. RF output is adjustable from 5 watts to a maximum of 12 watts to generate sufficient signal for long or difficult transmission paths. Both transmitter and receiver provide full status and monitoring capabilities for setup, operation and troubleshooting ease.

**7700B Transmitter Mfr. List \$4,375.00 Call For BSW Price
7707 Receiver Mfr. List \$3,575.00 Call For BSW Price**

MARK**Grid Antennas**

Mark grid antennas are very lightweight and durable made of HeliArk 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.

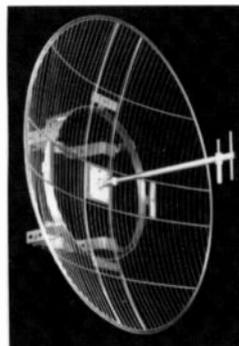
Price Based On Size And Configuration

**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 \$890.00

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.

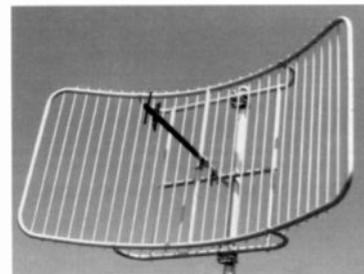
Mfr. List \$800.00

Call For BSW Price

SCALA**Grid Parabolic Antennas**

For years broadcasters have trusted the likes of Scala's paralector® and miniflector® antennas for their STL requirements. Now Scala is offering a full line of grid parabolic antennas for applications within the 940-960 MHz range. Dish sizes from 48" to 144".

Call For Pricing And Configuration

**PR SERIES
Paralector® Antennas**

Widely used for point-to-point STL links, telemetry, and UHF-TV, the PR Series Paralector® 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.

Mfr. List \$630.00

Call For BSW Price

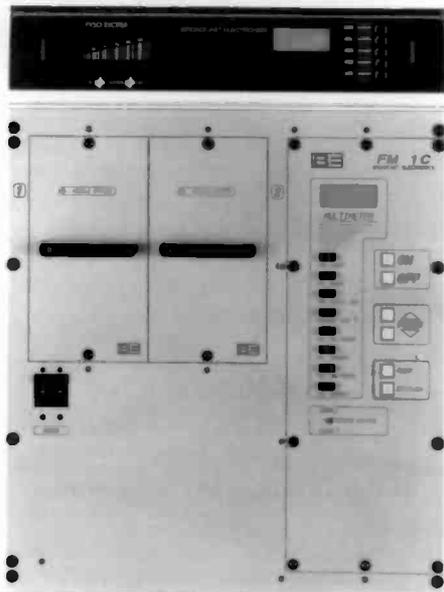
**MF960
Miniflector® Antenna**

For short hops where a full-sized grid or parabolic is not necessary the Scala Miniflector® is a rugged, economical way to fulfill your antenna needs.

- Aural broadcast STL
- Telemetry
- Point-to-point communications
- Vertical polarization for STL

Mfr. List \$320.00

Call For BSW Price

BROADCAST ELECTRONICS**C Series FM Transmitter**

Broadcast Electronics transmitters have gained industry wide respect for offering superior quality and reliability. BSW is proud to represent the entire line of FM and AM broadcast transmitters on a regional basis*.

C Series FM Transmitters

Broadcast Electronic's FM-1C is the first of the next generation of solid state FM transmitters. Power output is 1000 watts, adjustable down to 250 watts. Broadband FX50 exciter is also at the heart of this new transmitter to assure you of the finest audio transmission.

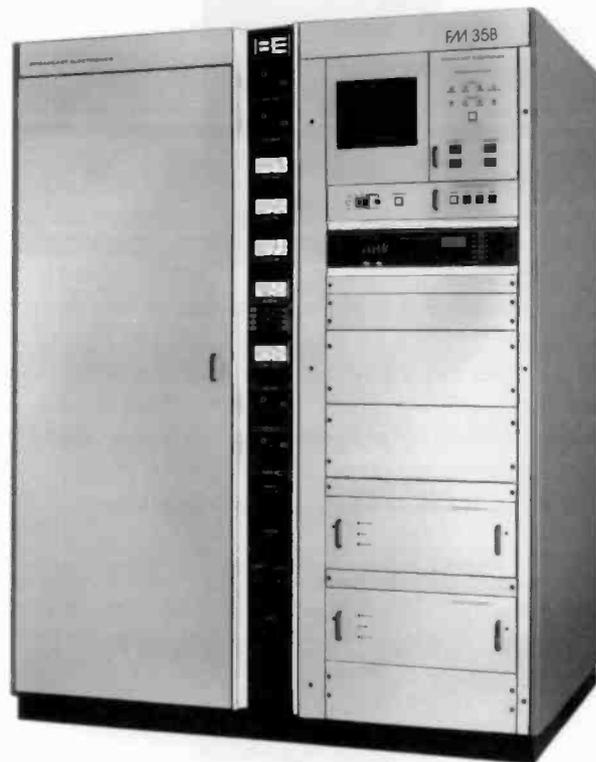
Features include:

- 2 RF power modules provide for soft failure in the event of problems.
- Internal Low Pass filter
- Reliable CMOS controller
- Self-protected RF power modules
- Compact and easy to install
- Two year warranty

B Series FM Transmitters

Updated for the 90's with the same solid and reliable amplifier design, Broadcast Electronic's "B" Series FM transmitters include the FX50 FM exciter for digital quality transmission. All "B" Series transmitters feature a high-efficiency single tube design with a patented folded half-wave output cavity that eliminates plate blocker and sliding contacts. Automatic power control and proportional VSWR foldback maintain constant, and correct power output. On start up, a "soft start" circuit gradually increases power to a safe operating level under high VSWR conditions.

***Broadcast Electronics RF Products
Are Available Exclusively From BSW In The
Following States: WA, OR, ID, MT, UT, NV, AK,
(Northern) CA**

BROADCAST ELECTRONICS**B Series FM Transmitter**

Broadcast Electronics B Series FM Transmitters are available in power levels starting at 250 Watts on up to 35,000 Watts.

***Call For BSW Pricing And Availability In Your Area**

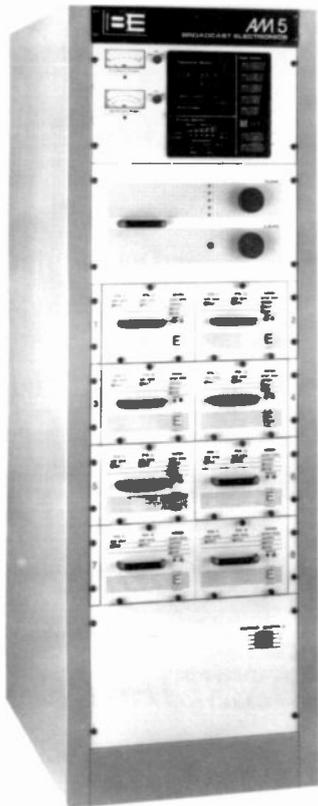
**FX50
FM Exciter**

After investing in digital recorders and processing it's only logical to do all you can to ensure that high quality audio is actually reaching your listeners. Your exciter, for instance, should be able to pass as clean and transparent a sound as possible so the audiences you are targeting can reap the full benefit of digital sound.

The FX50 is just that sort of exciter - powerful, and very clean. Performance specifications feature a dynamic range that rivals CD players with harmonic and intermodulation distortion values so low that they are virtually unmeasurable. It can bring existing FM transmitters up to CD quality standards and is the ideal retrofit for exciters now in use. Features: THD and IMD less than 0.003% typical for true CD sound • Unmatched 93 dB S/N typical for widest dynamic range • 50 watt MOSFET output power to drive the largest transmitter or act as a stand-alone 50 watt FM transmitter • Advanced linear modulated oscillator for unparalleled performance • Computer optimized phase locked loop greatly improves low frequency response • Completely broadband for transparent performance • Functional front panel controls with LCD displays

Mfr. List \$6,295.00

Call For BSW Price

BROADCAST ELECTRONICS**AM1/AM5/AM10
Solid State Transmitters**

BE AM Transmitters are the first C-QUAM™ AM Stereo transmitters. The AM stereo exciter is built into these 1, 5, or 10 kilowatt transmitters, eliminating the need for the additional cost of an external exciter and field installation.

Features:

- 100% Solid State
- High efficiency Class E operated power modules, plus high efficiency switching power supply provide for low power consumption, reliability and cool operation.
- 5 separate power levels to fit any AM license requirement
- Ultra rugged and reliable 'plug-in' power modules
- "Star" combiner network provides for uninterrupted operation, with minimal power reduction, without the use of dummy modules
- Exclusive VSWR detection and foldback circuit reduces carrier interruptions
- Built-in output matching network
- Rugged single cabinet construction

***Call For BSW Pricing And Availability In Your Area**

***Broadcast Electronics RF Products
Are Available Exclusively From BSW In The
Following States: WA, OR, ID, MT, UT, NV, AK,
(Northern) CA**

BROADCAST ELECTRONICS**AX10
AM Stereo Exciter**

This second generation C-QUAM® exciter incorporates the most advanced AM stereo technology available providing superior stereo performance using an advanced IF modulation scheme employing independent, non-interfacing left and right channel digital modulators. The result is exceptional AM stereo with full mono receiver compatibility. Features: Synthesized operation (1 kHz increments) • Interfaces with virtually any existing AM transmitter • Built-in LED peak reading modulation display • Compact size (only 3.5 inches of vert. rack space) • Independent equalization for two-transmitter or dual antenna pattern operation • Full remote control capability

Available individually or as complete system featuring AS10 stereo modulation monitor.

AX10 Mfr. List \$ 5,700.00

Call For BSW Price

AX10P Mfr. List \$12,500.00

Call For BSW Price

System (Includes AX10, AS10, And Installation)

**AS10
AM Stereo Modulation Monitor**

The BE AS10 AM Stereo Modulation Monitor represents a substantial improvement in C-QUAM® monitoring technology. The AS10 offers state of the art design innovations coupled with convenience features not found in other C-QUAM monitors. The advanced design and attractive styling of the AS10 makes it the perfect companion for the AX10 Stereo Exciter (featured above).

AS10 Features:

- Digital pilot detection for excellent long term stability
- RF AGC for optimum C-QUAM decoder performance
- Minimal overshoot for accurate modulation level measurement
- Front panel audio output for transmitter alignment and proof of performance

The convenience features of the AS10 include a front panel headphone output, front panel audio output ports and modular internal PC boards. Lighted switch indicators and large, easy to read meters make the AS10 a pleasure to operate. Rear panel connections are provided for remote monitoring of peak meter readings and peak LED displays.

Mfr. List \$4,800.00

Call For BSW Price

QEI**695/675
FM Exciters**

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.

QEI's 675 exciter is a cost-effective alternative to the more feature-laden 695 shown above. The 675's center frequency is selectable in 100 kHz steps. FM noise is better than -70 dB, stereo separation is at least -42 dB, total audio distortion .25% max. Output is adjustable up to 20 watts. Two SCA inputs are provided.

695 Mfr. List \$5,295.00 675 Mfr. List \$2,795.00
Call For BSW Price

MODULATION SCIENCES**RDS1
RBDS Generation System**

RBDS/RDS allows amazing new revenue possibilities both in increased listener awareness of your station and a new vehicle for selling visual advertising space. Now you can begin to take advantage of this hot new technology with the Modulation Sciences RDS-1 RBDS/RDS system generator. 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 RBDS 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

MARTI**SCG10/SCD10
FM Subcarrier Generator/Demodulator**

The SCG10 is designed to operate with an FM transmitter or with the SCD10 demodulator to form an STL subcarrier link. Both the SCG10 and the SCD10 have several options available including: Selectable pre-emphasis of zero, 75, 150, or 225 microseconds, low pass audio filters of 3 kHz, 5 kHz, or 7.5 kHz, and separate compander encode and decode boards to help reduce noise and mask certain types of main to sub channel crosstalk.

SCG10 Mfr. List \$695.00 Call For BSW Price
SCD10 Mfr. List \$695.00 Call For BSW Price

MODULATION SCIENCES**SCA186
SCA Generator**

Sidekick combines the four elements needed for successful SCA operation into one package: Subcarrier generator, modulation monitor, audio processor and transmitter tuning aid. Engineered to work together, these components form an integrated system which provides a level of performance previously unattainable. Crosstalk is dramatically reduced, signal quality is significantly improved and operation is greatly simplified.

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

CATEL**FMS2000B
FM Modulator**

The FMS2000B FM modulator is designed specifically for the origination of stereo programming for cable radio and TV applications. With direct audio sources such as AM/FM tuners, tape decks, microphone preamplifiers and short wave receivers, it can add varied FM signals to the cable system. In addition to re-transmission of audio signals, FMS2000B is frequency agile from 87 MHz to 108 MHz.

Mfr. List \$1,025.00 Call For BSW Price

DIELECTRIC



RF Products

Dielectric manufactures a number of high quality RF related products including dehydrators, switches, loads, isocouplers, antennas and more.

Call Us For More Information

ELECTRO IMPULSE



RF Coaxial Loads

Electro Impulse is a leading supplier of specialized equipment for the communications and broadcast industries. Innovations such as dry, forced air cooled loads for FM broadcasters, termination type power meters, attenuators, high accuracy calorimeters that measure RF power, and other loads up to 1.5 million watts average power, are all representative of products which have emerged from their years of experience in this field. Many requirements can be met from either stock or custom design units. In either case, all products are backed by a 12 month warranty.

Prices Based On Configuration

KINTRONIC LABORATORIES

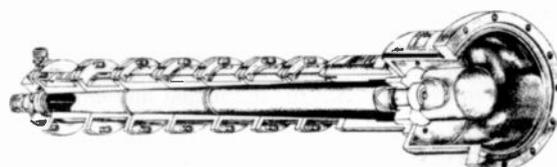


Isocouplers

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.

**Call BSW Toll Free For Pricing Based
On Your 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. Users of transmitters, microwave components, and power tubes can be assured of ideal dummy load conditions during testing, adjusting and aligning.

Prices Based On Configuration

Need Prices On A Major Project ?

Save yourself time and FAX us your equipment list. We'll have a complete price quote back to you in no time.

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 competitive 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.

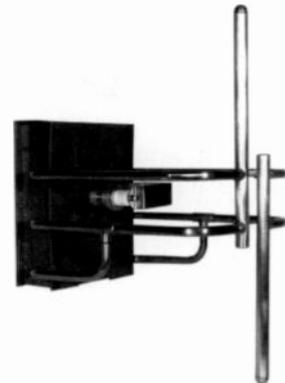
Call BSW For Prices And Specifications

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 Pricing 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

ANDREW



The Andrew Corporation, a 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.

Call BSW Toll Free With Your Requirements

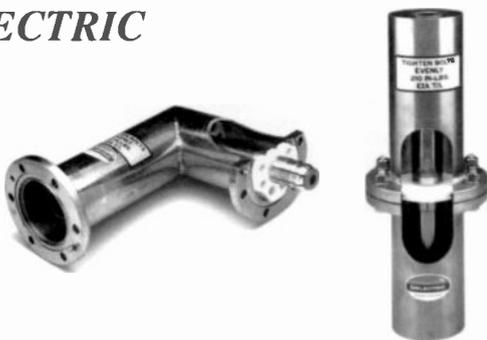
CABLEWAVE



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

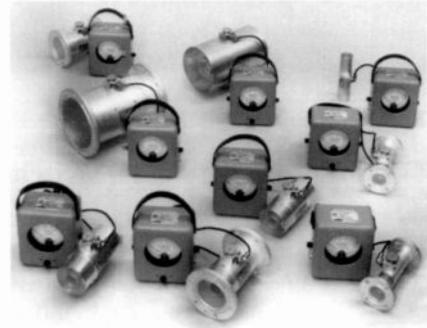
DIELECTRIC



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

BIRD

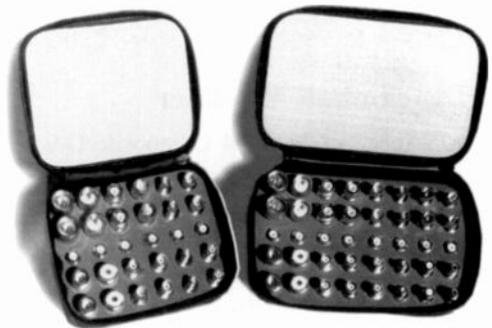


THRULINE® SERIES Watt Meters

Each Bird THRULINE® RF directional wattmeter is comprised of a line section and a direct reading 3 scale meter housed in a convenient carrying case. Measuring elements are ordered separately. A precise 50 ohm 1 5/8", 3 1/8", 4 1/16", or 6 1/8" coaxial air line is designed for insertion into your transmission line between transmitter and antenna or load. Each line section is equipped with one or two sockets into which plug-in elements with the desired power and frequency range are inserted. Double-socket line sections are for simultaneous measurement of forward and reflected power.

Call BSW For Configurations And Pricing

CONNECTWORKS



YC30/YC40 Unidapt Universal Adapter Kit

The YC30 allows you to mix and match any male or female adapter section with any other SMA, N, UHF, BNC, TNC, or mini UHF section. The YC40 adds F and RCA style connector sections and 2 additional universal adapters.

Each Unidapt filter has a common connector end, and a universal adapter end. You simply choose the two common connector ends you need, and screw them together with the universal adapter. It's so easy—that's why technicians love it!

YC30 BSW Price \$99.00

YC40 BSW Price \$119.00

BROADCAST DEVICES



CDS-200 Composite Distribution Amplifier/Switcher

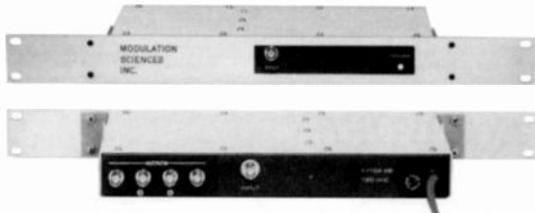
The CDS-200 was designed to allow two switchable sources to be distributed to three locations. Sources within the bandwidth of 10 Hz to 100 kHz such as composite audio, SCA, or SAP signals can all be accommodated. Each output of the CDS-200 uses individual output amplifiers for maximum isolation. Level adjustments and switcher controls are conveniently located on the front panel. The switcher has remote control capability. A power fail memory will return the unit to the state it was in before a power interruption. The last selected input source is also hard bypassed to the main switcher output during a power interruption. Front panel test jack provided for connection of scope or spectrum analyzer.

The CDS-200 provides a reliable and simple means for backup source selection and signal distribution.

Mfr. List \$795.00

Call For BSW Price

MODULATION SCIENCES



CLD2504 Composite Distribution Amplifier

Modulation Science's CLD2504 Composite DA is a problem solver. Its one-in four-out, unity gain configuration makes distribution of the composite baseband signal as easy as distributing audio. The high impedance input avoids circuit loading and the four low impedance outputs drive a wide range of equipment with greater than 50 dB of isolation between outputs. All connectors are BNC. The Composite DA lets you continuously and simultaneously drive dual main transmitters, main/aux/back-up transmitters, alternate stereo generators and processor setups, etc. No cable switching, no changeover relays, no level changes and no hassles!

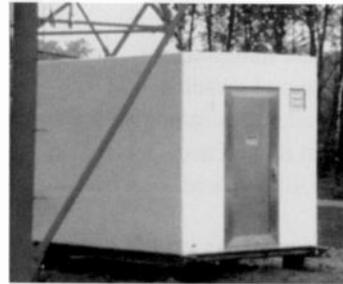
Mfr. List \$950.00

Call For BSW Price

Don't See It ? - Ask Us

This Catalog Represents Only A Fraction Of The Thousands Of
Items Available From BSW

ROHN



Towers/Shelters

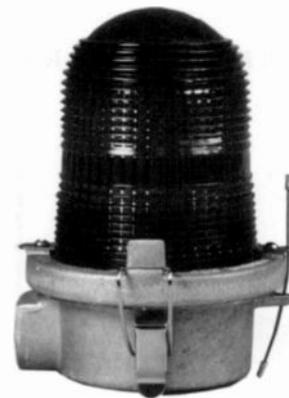
Allow BSW and Rohn the opportunity to give you a quote on your tower and shelter requirements.

Rohn Towers are constructed with the finest materials. All tower sections are completely hot-dip galvanized after fabrication to protect all points of welding and construction against corrosion.

Rohn Shelters are available with a complete environmental control system and optional reinforced insulated aluminum doors with three-point locking systems.

Prices Based On Applications

TWR



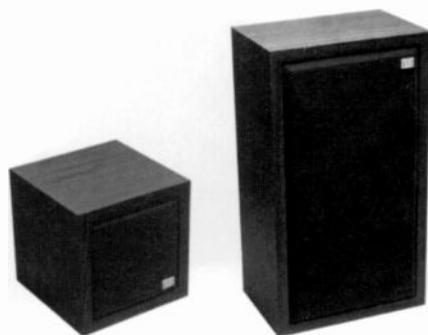
Lighting Equipment

BSW sells a variety of tower lighting products including light fixtures, controllers, flashers and replacement bulbs.

Shown above is the OLI signal obstruction light with the following features: FAA approved, non-ventilated construction insures clean interior, copper-free aluminum castings, and neoprene and teflon gaskets.

Mfr. List \$71.50

Call For BSW Pricing And Other Lighting Configurations

ALC

Dramatic response in a small convenient size. Ideal for broadcast control rooms, studios, remote recording and quality control areas.

**10302
Monitor Cube Speaker**

- Compact 7 7/8" cube • Full range • Snap-away grill • 60 Hz to 15 kHz
- Mfr. List \$118.00/pair Call For BSW Price

**20306
Monitor Speaker**

- Flat response • 50 Hz to 20 kHz • 8" woofer • Walnut grain vinyl
- Two-way system with phenolic tweeter
- Compact 19 1/2" x 11" x 7 1/4"

Mfr. List \$248.00/pair Call For BSW Price

ALESIS

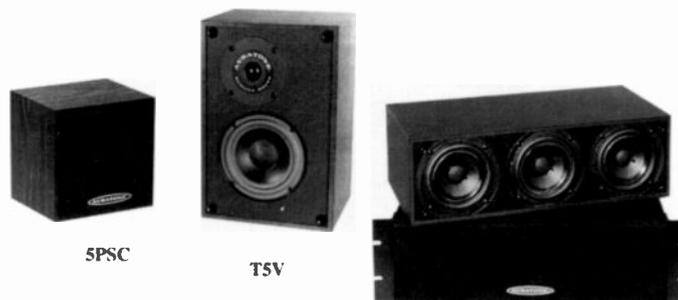
**MONITOR ONE™
Studio Reference Monitor**

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.

These speakers feature high power handling capability (120 watts continuous program, 200 watts peak) and its 4 ohm load impedance allows most amplifiers to deliver more power to the Monitor Ones than they do to 8 ohm speakers.

Monitor One™ is covered with a non-slip rubber textured laminate for stable mounting.

Mfr. List \$395.00/pair Call For BSW Price
Available in North America only

AURATONE

5PSC

T5V

5RMC

**5PSC/T5V/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™.

Model T5V takes the Cube a step further in a compact, shielded magnet, 2-way system that handles 50 watts of program power with an audible response of 40 Hz to 20 kHz.

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 \$140.00/pair
T5V	Mfr. List \$240.00/pair
5RMC	Mfr. List \$210.00 ea.
RM525 (Rack Mount Kit For 5RCV)	Mfr. List \$9.95

Call For BSW Price

ELECTRO-VOICE

**S40
Compact Monitor Speaker**

The Electro-Voice S40 is a high-performance 2-way personal sized monitor housed in a high-impact polystyrene enclosure. It features a 5 1/2" direct-radiating polypropylene woofer coupled with a 1" ferro-cooled soft-dome tweeter. This combination produces exceptional bass response - more than any in its class - and a smooth, extended top end capable of reproducing the highest frequencies. Long-term power handling is rated at 160 watts. EV's exclusive PRO™ circuit provides independent protection for the woofer and tweeter. Optional mounting hardware provides a flexible mounting system for any application from microphone stand mounting to wall and surface placement. Available in black or white.

S40B	Mfr. List \$289.00/pair
S40MBB (Mounting Bracket)	Mfr. List \$30.00

Call For BSW Price

ELECTRO-VOICE



**SENTRY 100A
Monitor Speaker**

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
SENTRY 100EL**

**Mfr. List \$355.00 ea.
Mfr. List \$750.00 ea.**

Call For BSW Price



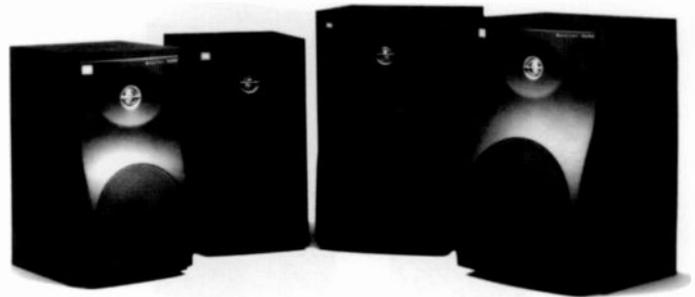
**100S
Loudspeaker**

The 100S speaker system is unique among portable systems. Its performance and value is perfect for most small PA applications. Highly efficient, the 100S puts out plenty of room filling sound with only modest power input. Durable outer shell designed for travel can be tripod mounted with optional 100BK. Great speakers for using on remotes.

**100S Mfr. List \$644.00 ea.
100BK Adjustable Tripod Stand Mfr. List \$250.00**

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 \$420.00/pair
4208 Mfr. List \$550.00/pair**

**Call For BSW Price
Call For BSW Price**



CONTROL1



CONTROL1 PLUS



CONTROL5

**CONTROL SERIES
Compact 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 cabinet 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
CONTROL 1 PLUS
CONTROL 5
CONTROL 8SR
CONTROL 10
CONTROL 12SR**

**Mfr. List \$260.00/pair
Mfr. List \$330.00/pair
Mfr. List \$450.00/pair
Mfr. List \$590.00/pair
Mfr. List \$635.00 ea.
Mfr. List \$885.00 ea.**

Call For BSW Price

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 Mfr. List \$325.00 ea. (specify left or right)

4410A Mfr. List \$450.00 ea.

4412A Mfr. List \$675.00 ea.

Call For BSW Price

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 Mfr. List \$760.00 ea. WSA80 Mfr. List \$350.00 ea.

WSA240 Mfr. List \$620.00 ea. WSSP2A Mfr. List \$350.00 ea.

Call For BSW Price

TANNOY**PBM/SYSTEM SERIES
Studio Monitors**

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
Studio Monitor**

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 \$458.00/pair

Call For BSW Price

**S8M
Studio Monitor**

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

AUDIX



PH5 Amplified Speaker

Self-powered speaker features built-in 25 watt per channel stereo hybrid amplifier. 5 1/4" low frequency driver and 1" dome tweeter. Dual channel volume control and line level RCA inputs are provided. Power is via external 12 volt DC power supply (included). Price is for a pair of speakers, however amplifier is contained only in one speaker.

Mfr. List \$289.00/pair

Call For BSW Price

FOSTEX



6301B Amplified Speaker

The 6301B is completely self contained. The sound is delivered from a full-range speaker that's surprisingly flat and accurate. With a frequency response of 80 Hz to 13 kHz, the 6301B makes an ideal reference monitor for producing music, radio spots or audiovisual sound tracks. The built-in 10 watt amplifier will handle anything you feed it. The 6301B's input has been designed to accept any line or instrument-level input, even from an amplifier. There's no confusion, just one 1/4" phone jack to deal with.

Mfr. List \$418.00/pair

Call For BSW Price

KOSS



SA30 Amplified Speakers

These little powered speakers use 4 "C" size batteries (2 per speaker) and plug into the/headphone circuit of any piece of equipment via 1/8" mini plug (can be modified to 1/4" for standard headphone jacks). Includes bass boost, treble boost, power indicator LED, and separate volume controls per speaker.

Mfr. List \$34.99/pair

Call For BSW Price

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

Pivottelli 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. Pivottelli 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

EXPRESS GROUP

Express Group systems represent the highest quality modular furniture in the world, bar none. Since inception, the Express Group's dedication to quality has set a standard of excellence by which all other manufacturer's products are judged. All Express Group Studio Furniture Systems feature the same high-quality materials and craftsmanship throughout.

The following features are common in all six series:

- Void-free birch plywood construction
- Poplar hard-wood as internal support pieces for added strength,
- Non-splitting, non-marring, high-impact corner guards on all outside corners for protection
- Unique edging system around lower section of all modules to prevent chipping
- Numerous and generous access panels including both front and inside areas
- Quick, quarter-turn fasteners on all removeable access panels
- Factory installed rack rails
- Custom cut-outs for control consoles and turntables are included
- Large built-in wire passes
- High-impact laminates of dove gray and black. Custom colors available
- Easily adjustable leveling feet on all floor cabinets
- Built-in passive ventilation
- No use of particle board anywhere except for turntable base supports to eliminate acoustic resonance
- Shipped as fully assembled modular pieces for quick and easy installation
- Delivery of some standard units in as little as two weeks
- Standard-U models available for all series
- Exotic hardwoods available
- Specialize in custom configurations. More than 70% of all Express Group designs and fabrications are custom, one-of-a-kind products.

Call BSW For Complete Details And Pricing



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.

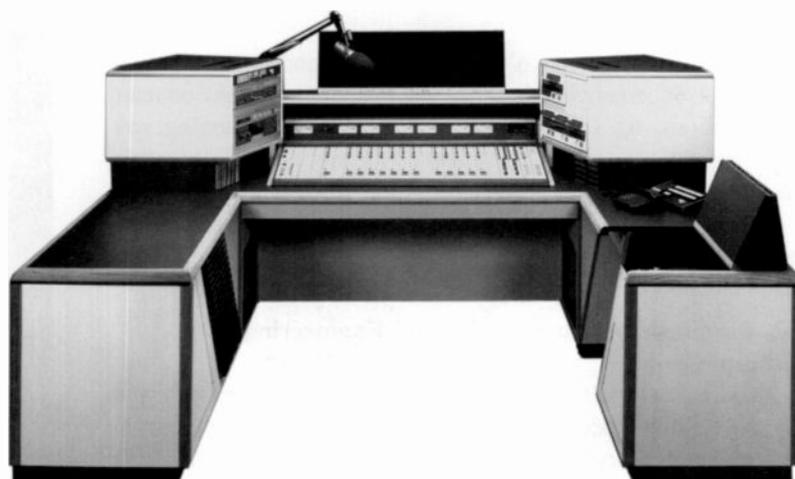
The Premier Series has a flat bumper base, bi-level construction and offers flexibility of layout.

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



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.

Wilson Art 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.

DESKTABLE Console Table

Mfr. List \$995.00

DESKRACK 42" Sloped Equipment Rack

Mfr. List \$375.00

DESK45 45 Degree Joining Table

Mfr. List \$249.00

DESKCAB Double Pedestal Cabinet

Mfr. List \$895.00

Call For BSW Price



AUDIOARTS

Audioarts Furniture

This furniture will give your station the look that instills confidence and pride. Plus, it's been engineered to simplify your design phase and assure a smooth, flawless studio installation.....on time.

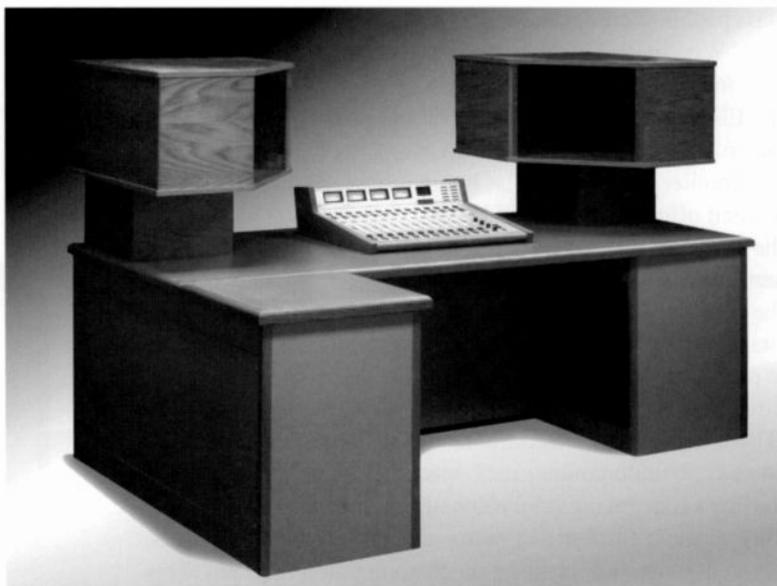
You can choose from a large variety of stand-up or sit-down furniture arrangements including a full range of interview counter configurations. All components are fully integrated, letting you obtain predictable results. You know all the pieces will fit together precisely...no last minute gotchas!

Engineers will love the generous wire passages, oversized rear access panels, and best of all, the large punchblock panel with removeable concealment door.

This Furniture System Is An Elegant Engineering Accomplishment.

It will allow you to put the greatest amount of equipment in the least amount of space with the least amount of effort. It uses the latest in steel structurally reinforced cabinetry. The detailing is immaculate, with high-grade hardwood protected corners and counter edging (to eliminate corner chipping and peeling). Seamless high pressure heavy duty horizontal grade laminated surfaces prevent dirt build-up and chipping.

Call BSW and allow us to send you a detailed information guide to Audioarts.



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 grounded 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.

In addition to superb furniture, Nigel B. supplies a number of rack accessories and studio support products. Shown are the RS recorder/mixer stand with 13U of rack space on top and 8U of space down below and the ALDRS desktop equipment rack stand.

RS Recorder/Mixer Stand

Mfr. List \$329.95

ALDRS Desk Top Rack Stand

Mfr. List \$179.95

Call For BSW Price



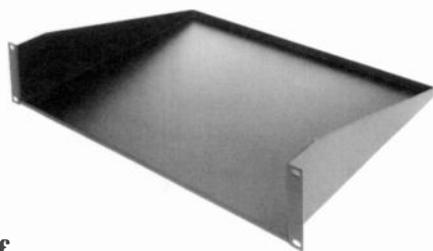
*Call BSW Today For A 38 Page
Catalog Showing The Complete Line
Of Furniture At 800-426-8434*



RS

ALDRS

BSW



RS2 Rack Shelf

Our most popular utility rack shelf. Perfect for all those pieces of equipment that need to be in a rack, but lack proper rack ears. Durable flat black finish in heavy gauge steel. Requires 2 rack spaces. Depth is 14 1/2"

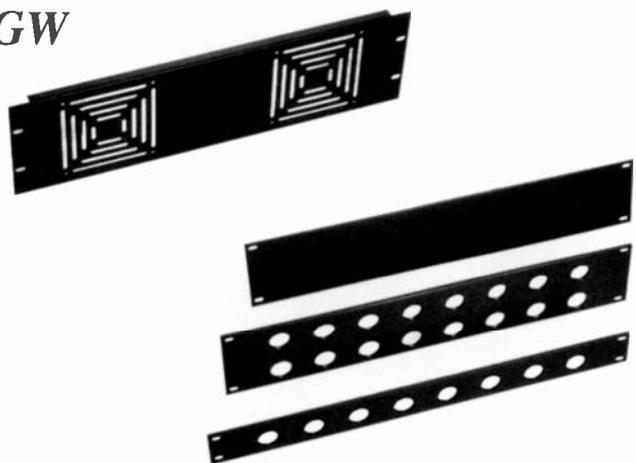
RS2 rack shelf

BSW Price \$29.95

RS rack screws (100 count)

BSW Price \$12.95

BGW



Rack Accessories

BGW, the amplifier manufacturer, makes a quality line of rack mount accessories including rack shelves, fan panels and fans, blank panels, vented panels, and termination panels for XLR, D-Series, and BNC connectors.

Call Us With Your Requirements

MIDDLE ATLANTIC



Rack Accessories

Middle Atlantic has a wide variety of rack accessory items 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.

MIDDLE ATLANTIC



SLIM SERIES Equipment Racks

Middle Atlantic Slim Series equipment racks offer rack solutions for every type of application and budget with the maximum depth Slim-50, the standard size Slim-20, the cost effective Slim-5 and even a series of sectional wall racks and desktop turrets.

Slim-50 is a welded enclosure with heavy-duty construction that measures only 21 1/8" wide and is available in 25" or 30" depths. It comes standard with fully adjustable front and rear rack rails and locking rear door with optional side panels and front door available. Sizes: 77", 70", 64 3/4"

Slim-20 is similar but has a 21" inside depth and is available as welded or knocked down. Sizes 77", 70", 64 3/4", 47 1/4"

Slim-5 is a cost effective rack that ships knocked down via UPS for additional freight economy. Slim-5 is 18" deep. Sizes: 70", 64 3/4", 52 1/2", 36 3/4", 24 1/2"

Call 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 \$126.67

RK16 28" (16 space)

Mfr. List \$137.78

RK20 35" (20 space)

Mfr. List \$153.33

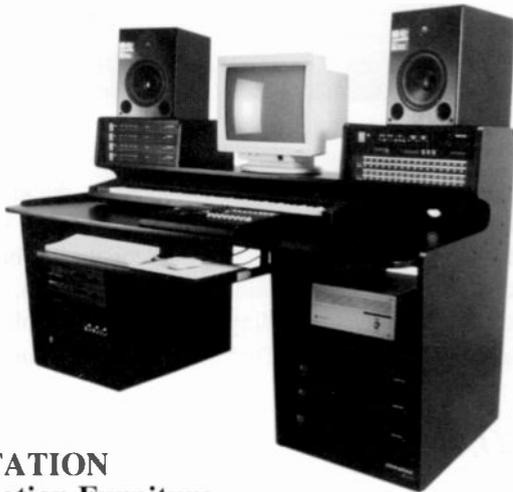
Call For BSW Price

OMNIRAX**CW30/E146
Furniture Components**

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, Omnirax has something for almost any setup, along with great prices. All Omnirax are available in a choice of melamine laminates in black, grey, almond, oak-print, or white. Shown above is the CW30 mixer stand and the E146 sloped front roll around rack.

CW30 Mfr. List \$299.95
E146 Mfr. List \$209.95

Call For BSW Price
Call For BSW Price

**PROSTATION
Workstation Furniture**

This sleek and expansive furniture is designed to create the perfect working environment for computer based workstations. ProStation™ features two lower bays for equipment, one with 14 rack spaces, one with 8 spaces. Both bays are over 28" deep, and one has a sliding shelf for your computer. Under the counter is a vertically adjustable sliding keyboard shelf. Above the counter, the handy overbridge houses two bays for more equipment (4 rack spaces each) and room for a monitor and reference speakers. Cable grommets and cable channel neatly hide your wiring. Hidden heavy duty castors included. ProStation™ comes complete, ready to assemble with all hardware and instructions.

ProStation Jr.™ is a scaled down version of ProStation™ featuring one lower bay with 8 rack spaces and a sliding computer shelf. The vertically adjustable sliding keyboard shelf pulls from below the counter top. Above the counter there are two bays for more equipment (3 rack spaces each) and room for a monitor and reference speakers.

PROSTATION Mfr. List \$799.95 **Call For BSW Price**
PROSTATIONJR Mfr. List \$599.95 **Call For BSW Price**

QUIK LOK**RS955/RS956
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.

RS955 Mfr. List \$169.95
RS956 Mfr. List \$139.95

Call For BSW Price
Call For BSW Price

**RS957
Equipment Racks**

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 and come complete with all

Mfr. List \$69.95

Call For BSW Price

RAXXESS**Equipment Racks And Accessories**

Raxxess provides a wide variety of rack products including desktop and roll-around equipment racks, rack panels, security covers, custom mounting kits, rack shelves, rack drawers and more. Shown above is the Rak-Vault lockable storage bin, the Converta Rax Portable rack system and the ER-S18 and ER-12/8 roll-around racks.

Call For Information And Pricing

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

BSW



ROCK N' ROLLER Hand Truck/Dolly

The 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. In fact, the max and mid versions 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 (Max and Mid models) or 28" to 42.5" (Mini) and has 32" foldable sides that act as push handles and allow stacking of huge loads. Rock N' Roller® folds up into a small space for easy transportation in cars and small vans etc. It even meets airport baggage requirements. Max model features large air filled tires. Mid is same size with semi-pneumatic main wheels and mini is smaller size with semi-pneumatic main wheels and can hold up to 350 pounds. For active stations on the move the Rock N' Roller® is indispensable!

RR-10 (Max) Mfr. List \$199.95

RR8 (Mid) Mfr. List \$179.95

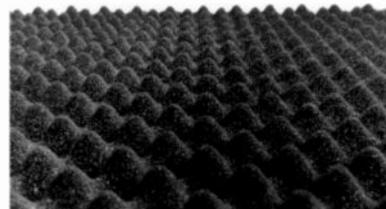
RR6 (Mini) Mfr. List \$149.95

Call For BSW Price

Call For BSW Price

Call For BSW Price

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"

PROFOAM 3"

BSW Price \$49.95 per sheet

BSW Price \$56.95 per sheet

SONEX



Acoustical Foam

Sonex gives you the greatest choice of colors, thicknesses and sizes of acoustical treatment. Choose from 24" x 48" or 48" x 48" squares in 2", 3" or 4" thickness. Colors are charcoal, blue, brown, and beige. Sonex 1 is available for facilities such as schools, churches, offices, or anywhere Class 1 building codes are applicable.

Call For Pricing And Technical Specifications

USA FOAM



STUDIOFOAM Acoustical Foam

Studiofoam sound absorbing wedges are a highly effective, attractive and inexpensive way to reduce sound reflections in studios. Available in 1", 2" and 4" thicknesses in 2' x 4' panels. Colors include: gray, blue, tan, red, purple, kelly green, lime green, pumpkin orange, apricot, peach and yellow. Ships flat via UPS.

STUDIOFOAM1 (2'x4'x1" box of 20)

STUDIOFOAM2 (2'x4'x2" box of 12)

STUDIOFOAM4 (2'x4'x4" box of 6)

Mfr. List \$199.80

Mfr. List \$179.88

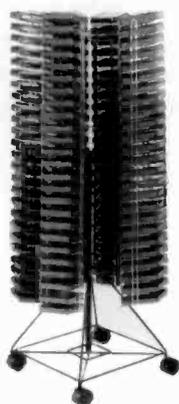
Mfr. List \$167.94

Call For BSW Price

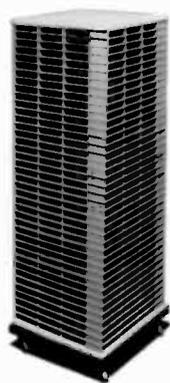
BSW will not be responsible for removal and return of acoustical equipment after installation due to local building or fire codes. We are happy to provide samples and specifications upon request.



560



MR200



100-600

ABCO

Wire Cart/CD Racks

Models	Mfr. List
300 (Holds 300 carts)	\$408.45
500 (Holds 500 carts)	\$628.95
280 (Holds 280 CDs)	\$368.00
560 (Holds 560 CDs)	\$666.75

Call For BSW Price

FIDELIPAC

Cartridge Racks

Models	Mfr. List
MR200 Lazy Susan (Holds 200 Carts)	\$390.00
TR48 Lazy Susan (Holds 48 Carts For Countertop Installation)	\$109.00
TR96 Lazy Susan (Holds 96 Carts For Countertop Installation)	\$194.00

Call For BSW Price

INFORMATION DESIGN

Cart Rack Systems

Features: Desk top or floor use • Modular construction for add-on expansion • High-impact polystyrene

Models	Mfr. List
100-60 (60 Carts Includes Top And Bottom)	\$123.00
100-120 (120 Carts Includes Top And Bottom)	\$181.00
100-240 (240 Carts Includes Top And Bottom)	\$297.00
100-360 (360 Carts Includes Top And Bottom)	\$413.00
100-600 (600 Carts With Flat Base And Castors)	\$698.00
115 Flat Base With Castors	\$70.00
120-1 Metal Storage Base With Castors	\$184.00

Call For BSW Price



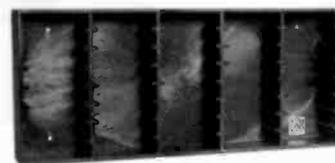
A.



E.



B.



D.



C.

ATLANTIC

(A) 1213/1217 CD or Cassette Module

Sturdy steel construction, mar-resistant matte black finish. Can be wall mounted or stacked on an optional swivel or fixed base. CD module holds Denon cartridges.

1213 CD Module
1217 Cass. Module

BSW Price \$21.95
BSW Price \$23.95

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.

Mfr. List \$21.95

Call For BSW Price

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)

Mfr. List \$5.50

CD1SYSTEM (Holds 144 CDs)

Mfr. List \$45.00

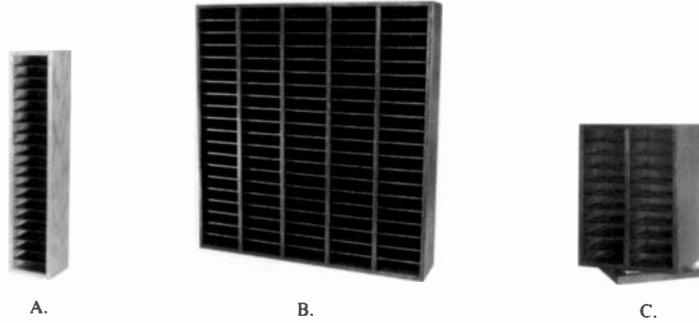
Call For BSW Price

PRORAX

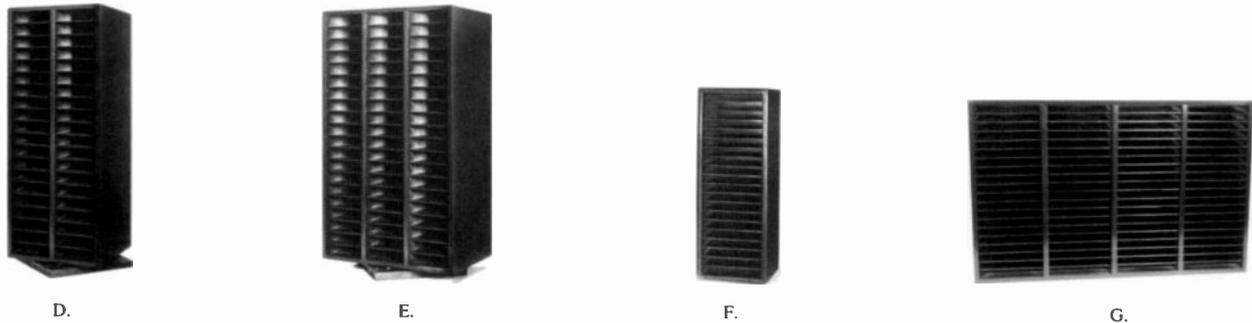
Storage Racks

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

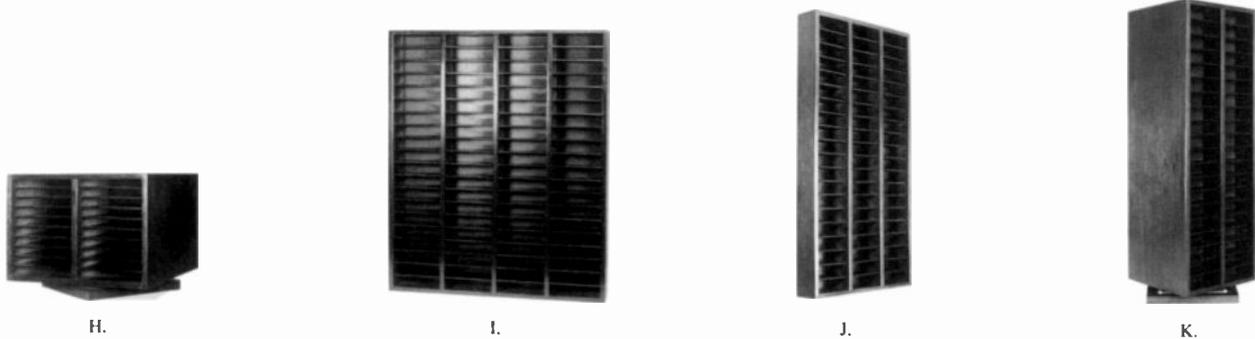
instead of four, allowing for easier indexing and location. The turning radius is smaller so less countertop or floor space is required. With over 17 models to choose from, we are sure to have the ProRax just right for your operation. Most models are in stock for immediate delivery.



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. PRORAX100	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



MODEL	DESCRIPTION	WALNUT	OAK
D. C80	Cartridge / Carousel - 80 space - 25 1/2"H - Turning Radius 13 1/2"	\$117.00	N/A
E. C120	Cartridge / Carousel - 120 space - 25 1/2"H - Turning Radius 17"	\$165.00	\$189.00
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



MODEL	DESCRIPTION	WALNUT	OAK
H. CD40LS	CD / Carousel - 40 space - 9 1/4"H - Turning Radius 11 3/8"	\$89.00	\$99.95
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 background. Available in several languages. Dimensions: 5"H x 10"W x 2 1/2"D. 120 volt

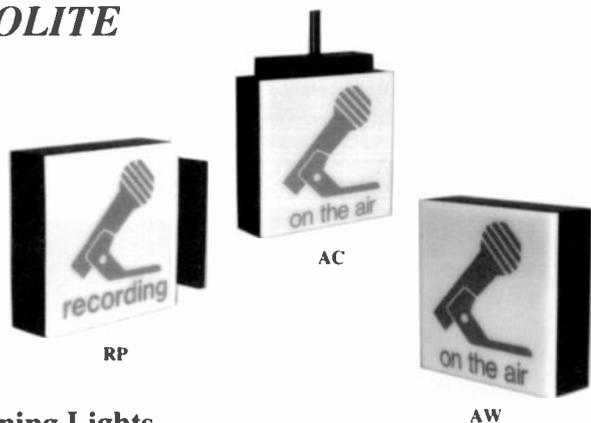
65340 (On air) Mfr. List \$72.00

Call For BSW Price

340REC (Recording) Mfr. List \$72.00

Call For BSW Price

PROLITE



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 air or recording symbols.

AW (On air)

RW (Recording) Flat Wall Single Lens

BSW Price \$99.00

AP (On air)

RP (Recording) Extended Wall Double Lens

BSW Price \$115.00

AC (On air)

RC (Recording) Extended Ceiling Double Lens

BSW Price \$99.00

Extra Lenses (Specify On air or Rec.)

BSW Price \$14.95



L101 On Air 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

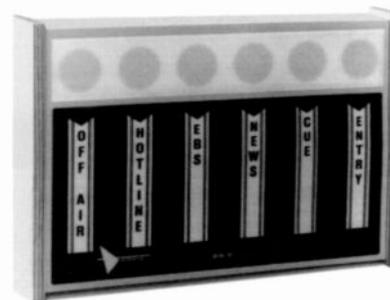


BA6RX



BA6RXX

BA6



BA6 SERIES Alert Monitors

Off the Air... EBS warning... Telephone hotline ringing? Find out in an instant visually with the BA6 from Enberg Electronics. This practical device is attractive as well as functional and interfaces with a variety of equipment to inform you of status immediately. 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

BA6RXX (Rack Mount Remote)

Mfr. List \$119.00

FN6 (Phone Module)

Mfr. List \$35.00

CQ3 (Cue Monitor)

Mfr. List \$199.00

Call For BSW Price

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



RL10S/RL10D Rack Lights

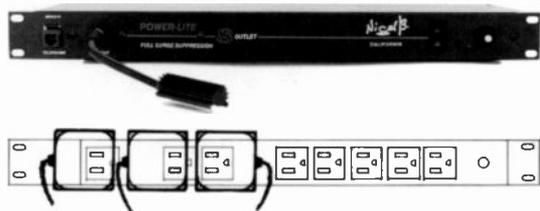
The RL10 RakLite is high intensity and comes complete with a 12" flexible gooseneck, bright 5 watt halogen bulb, dimmer, 6 foot cord and transformer. Mounts at top of rack to provide illumination for entire rack. The light is recessed into a sturdy single rack-space panel. It is available in single (RL10S) or dual (RL10D) gooseneck versions.

RL10S Mfr. List \$99.00

RL10D Mfr. List \$149.00

Call For BSW Price

NIGEL B.



RACK MOUNT SERIES Power/Light Strips

These innovative power strips are available in 6 and 8 outlet versions and include some unique features. Special options include a built in 12v transformer and BNC gooseneck connector to accept a Nigel B. or Littlite gooseneck lamp, a front panel telephone/modem jack with a 25" telephone cord to give you a phone extension right in your rack, and triple surge protection to protect against power transients.

SP8LT (8 outlet power/light/tel. strip w/surge.) Mfr. List \$149.95

SP8 (8 outlet strip with full surge protection) Mfr. List \$129.00

SP6LT (6 outlet power/light/telephone strip) Mfr. List \$119.95

SPP6 (6 outlet strip with full surge protection) Mfr. List \$109.95

6MHI (6" gooseneck lamp w/BNC connector) Mfr. List \$32.95

12MHI (12" gooseneck lamp w/BNC connector) Mfr. List \$35.95

Call For BSW Price

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

JUICE GOOSE



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 \$699.00

Call For BSW Price

PERFECT DATA



16007/16008 Copy Holders

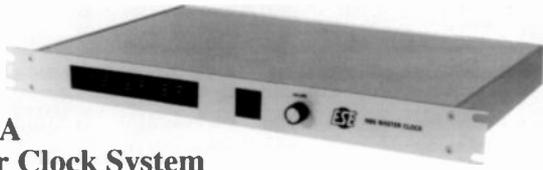
Holders are designed for letter, legal, and A4 size documents. A spring loaded holder clip keeps copy in place. Model 16007 features a lightweight arm for normal copy, the 16008 has a heavy-duty arm for books or stacks of copy. Both holders come with a table clamp mount. Model 16055 is an extension piece that allows the holders to accommodate wider copy.

16007 BSW Price \$60.00

16008P BSW Price \$70.00

16055P BSW Price \$22.00

ESE



**ES180A
Master Clock System**

In order to satisfy a wide variety of requirements, ESE has created an extensive line of master clocks and accessories. Only one pair of wires is needed to distribute time code to remote displays. As many as 100 slaves can be connected up to a distance of 3000 feet.

The rack mounted ES180A Master Clock receives and decodes the radio time transmitted by the National Bureau of Standards. Serial time code option provides time data to the slaves. Stand-by battery offers 10 hour backup in event of power failure. Accurate at all times.

- ES180A NBS Master Clock Mfr. List \$2,100.00
- ES161A Remote Digital Display .55" LED Display Mfr. List \$201.00
- ES166F Remote Digital Display 1" LED Display Mfr. List \$310.00

Call For BSW Price
Other ESE Master Clocks and displays available



**ES160
Master Clock**

The ES160 master clock is mounted in a 5 1/2" rack chassis and displays six digits of time information on large, easy to read, 4" LED display in a 12 hour format.

The ES160 has its own internal timebase with three second per month accuracy. Its standard output is serial BCD, CMOS compatible and can drive up to 100 ESE digital displays without buffering. All inputs and outputs are through rear mounted connectors. Back-up battery and charger are included.

- ES160 (3 sec per month accuracy) Mfr. List \$1,315.00
- ES160/1 (1 sec per month accuracy) Mfr. List \$1,525.00

Call For BSW Price

Several models of remote displays available with a wide array of options.
Call BSW for more information and pricing.



**ES562F
Studio Timer**

The ES562F is a time of day clock and a count up timer. Display is in hours, minutes, and seconds. Memory allows timer to be used while keeping correct time of day. The ES520 is a four digit, sixty minute timer with start, and reset controls. Displays are .5" bright orange LED. Also features serial time code output to drive slaves. 4 open collector inputs for trigger reset and remote capability.

- ES562F Mfr. List \$380.00 Call For BSW Price
- ES520 Mfr. List \$179.00 Call For BSW Price

ESE



**ES172A
12 Hour Clock**

Six digits, compact enclosure, bright, easy to read 0.4" red LEDs. Three setting controls - Fast Advance, Slow Advance, and Hold. Four line multiplexed BCD is present on the rear connector. Dimensions: 2.1"H x 4.5"W x 4.13"D. Case is high impact black plastic. Other models available with 1/2" 1" and 2" displays.

- Mfr. List \$192.00
- Call For BSW Price

RADIO SYSTEMS



**SUPER CLOCK
Master Clock/Timer Systems**

Radio Systems' digital master clock and clock/timer unit are available in desktop units with bright, 1/2" displays, or in wall or rack mount enclosures with 2" displays. Any clock can be a master or slave, or run independently. Clocks synchronize via an inter-clock RS-485 serial link, external 1 or 10 Hz, or AC line reference. Any clock can drive up to 32 digital slave displays, or six analog clocks. Clocks display up to 12:59:59. Thirty minute battery backup is standard. Options include TCXO super stable oscillator, WWV receiver, 6-hour battery backup, remote keypad for clock/timer setting and 19" rack and wall mounts.

Timer only models are available in desk, rack, or wall mount. The timer counts up to 9:59:59.9. Optional remote keypad allows entry of any down time, or storage and recall of 10 pre-set times. Remote control of stop, start and reset provided on rear panel connector or optional keypad.

Up to fifty analog clocks can be impulse driven from the master analog clock driver, or up to six can be driven directly from any digital display. The master clock driver derives sync from any digital clock in the system, from internal crystal or AC line reference. Additional features include: One second "bump-up" or "bump-back" setting control, simultaneous stalling of all clocks, provision for Daylight Savings or Standard Time changes and 6-hour battery backup.

- DTCT-6 (tabletop clock/timer w/two 6-digit displays) Mfr. List \$595.00
- DTC-6 (tabletop clock only w/6-digit display) Mfr. List \$395.00
- DTT-6 (tabletop timer only w/6-digit display) Mfr. List \$395.00
- DWC-6 (rack or wall mount clock w/6-digit display) Mfr. List \$525.00
- DWT-6 (tabletop timer only w/6-digit display) Mfr. List \$525.00
- AMD1 Analog Master Clock Driver Mfr. List \$595.00
- AC12 12" Analog Clock Mfr. List \$95.00

Call For BSW Price

RADIO SYSTEMS



TM-3 Up Timer

This stand alone up timer counts to 99:59:59 and includes external wall mount power supply and barrier strip for start, stop, and reset remote control.

Mfr. List \$225.00

Call For BSW Price

RADIX



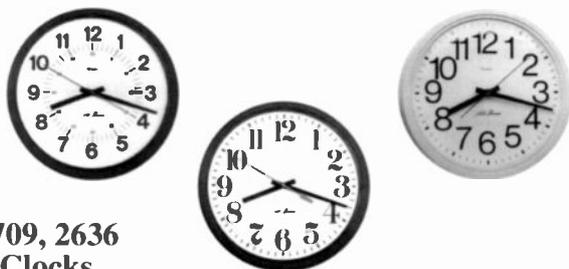
ST500 10 Hour Programmable Up/Down Timer

Perfect for control room, production or news room. Time events to 9 hour 59 minutes 59 seconds. Large—Highly visible red display digits 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.

Mfr. List \$225.00

Call For BSW Price

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

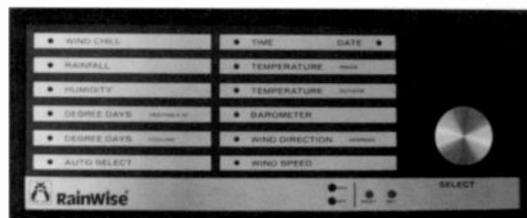
709 Mfr. List \$26.00

Call For BSW Price

2636 Mfr. List \$37.00

Call For BSW Price

RAINWISE



WS1000C Digital Weather Station

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

TELTEK



INFORMER II Digital Temperature Gauge

For accurate temperature reporting, we recommend the Informer II. 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

CCS**CDQ2000
Digital Audio Codec**

The CDQ2000 can provide 20 kHz of high quality stereo audio in as little as 112 kbs of digital bandwidth by utilizing ISO MPEG (Musicam) audio compression. Unlike fixed rate digital codecs, the CDQ2000 provides 8 switch selectable digital rates each designed to optimize the use of available digital facilities. In addition, it provides 3 digital audio output interfaces: V.35, X.21 (leased) and RS422A. The CDQ2000, in 56 kbs mode can interface with a single switched 56 line for approximately 8 kHz mono audio bandwidth. In combined mode, the CDQ2000 can split stereo audio encoded at the 112 kbs rate into two switched 56 lines for 20 kHz analog bandwidth. In the event of single line failure CDQ2000 automatically reduces bit rate and audio bandwidth to fit on one line until the second line is restored.

CDQ2000E (encoder only)	Mfr. List \$3,750.00 ea.
CDQ2000D (decoder only)	Mfr. List \$3,250.00 ea.
CDQ2000ED (full duplex codec)	Mfr. List \$7,000.00 ea.

Call For BSW Price

**CDQ1000
Digital Audio Codec**

CDQ1000 digital audio codecs utilize enhanced MUSICAM (CCITT G.722) compression at 24 kHz sampling rate to convey 10 kHz digital audio in full duplex over switched 56 or ISDN dial-up lines. The CDQ1000 will connect to all of the worlds most popular digital audio codecs including the CDQ2000 and Micro56, adjusting the compression algorithm to the highest quality possible based on the far end equipment. 2 units are required for a system.

Mfr. List \$2,995.00 ea.	Call For BSW Price
--------------------------	--------------------

**MICRO56+
Digital Audio Codec**

The low cost Micro56+ allows conveyance of 7.5 kHz mono audio over a single switched 56 or ISDN line and is available in a compact portable unit or in a 19" rack mount version.

M56+	Mfr. List \$2,145.00 ea.
M56R Rack Mount Version	Mfr. List \$2,195.00 ea.

Call For BSW Price

CELLABS**LINEJACKII/DATAJACK
Cellular Interfaces**

LinejackII connects your audio equipment directly to your cellular phone via balanced XLR in/out circuits. Input is mic/line switchable with a separate input for a tuner. Operates from power supplied by the cellular phone.

Datajack allows you to interface fax machines or laptop computers to your cellular phone. It supports baud rates up to 9600 bps. Interface to fax or laptop is a standard RJ11 jack. Great for consulting engineers who spend a great deal of time in the car. Now you can fax correspondence from your car or take control of your transmitter on the way home from work.

Both the Datajack and LinejackII require an interface cable for the particular brand of cellular you own.

LINEJACKII Mfr. List \$245.00	Call For BSW Price
DATAJACK Mfr. List \$145.00	Call For BSW Price
Interface Cables From \$50.00 Mfr. List	Call For BSW Price

CIRCUITWERKES**AC2
Telephone Autocoupler**

The AC2'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. Features include: Auto answer and hangup, remote pickup and hangup control, provides bidirectional audio connection, automatic signal limiting, much more.

Mfr. List \$174.95	Call For BSW Price
--------------------	--------------------

**DTMF-16
Touchtone® Decoder (not pictured)**

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 as a stand alone board which may be field installed in the AC2.

Mfr. List \$145.00	Call For BSW Price
--------------------	--------------------

COMREX



**3XP/3XR
Multiline Frequency Extender**

This is an encode/decode system that provides a frequency response of 50 Hz to 8 kHz on three dial telephone lines.

The Model 3XP Encoder is built in a rugged portable case and features "one-button" automatic dialing and setup. It also allows visual and audio communications from the receive site. The 3XR Decoder is housed in a 3U 19" rack and can automatically answer, match, and equalize the incoming telephone lines. Real time audio processing allows simultaneous program backfeed. Comrex seven band noise reduction quiets the high noise environment of long haul telephone circuits. Optional automatic satellite delay for international feeds available.

3XP Encoder Mfr. List \$5,000.00 Call For BSW Price
3XR Decoder Mfr. List \$4,000.00 Call For BSW Price



**2XP/2XR
Two Line Frequency Extender**

Comrex two line systems give you a full 50 Hz to 5 kHz of program audio using two standard telephone lines. On one line, input audio is shifted upward by 250 Hz. On the second line, program is shifted down by 2,000 so program audio from 50 Hz to 5000 Hz can pass through the telephone line. Sophisticated multiband noise suppression is incorporated to quiet noisy circuits.

2XP Encoder Mfr. List \$3,500.00 Call For BSW Price
2XR Decoder Mfr. List \$3,000.00 Call For BSW Price



**LXT/LXR
Single Line Frequency Extender**

Here is the most cost effective Comrex extender system you can buy. This basic system restores the low end on telephone transmissions, offering a substantial improvement for telephone remotes. Easy to set up and operate, the basic system works off a single dial up line. Input is line level via barrier strip.

LXT Mfr. List \$750.00 Call For BSW Price
LXR Mfr. List \$750.00 Call For BSW Price

COMREX



**DXP/DXR
Digital Audio Codecs**

These digital compression devices work on all 56 and 64 Kb/s data services (such as Switched 56, ISDN and fractional T1) to provide full duplex audio with 7.5 kHz bandwidth. As digital telco services become increasingly available, the DX system can provide low cost, high quality alternatives to satellite feeds and dedicated circuits.

DXR Rack Mount Codec Mfr. List \$1,995.00
DXP Portable Codec Mfr. List \$2,395.00

Call For BSW Price



**PLXMICRO
Remote Frequency Extender**

Combine a Comrex PLXmicro Frequency Extender with your cellular telephone and create a portable, easy to use, great sounding remote broadcast system. PLXmicro Portable One Line Encoder is a battery operated duplex one line extender with a built in coupler for direct connection to either standard dial lines or cellular telephones. Monitor decoder, hybrid circuitry and headphone output are included for hands-free, two-way operation. Includes microphone and tape inputs with AGC. Optional AC power supply.

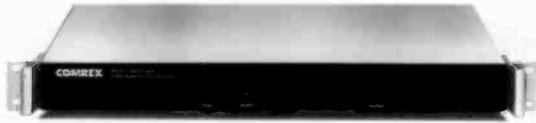
Mfr. List \$1,450.00 Call For BSW Price



**THX
Telephone Hybrid/Extender**

The THX combines a Comrex telephone hybrid with a one line frequency extender encoder and decoder. It allows full two-way on-air conversation between studio talent and incoming frequency extended feeds. THX allows two way phone conversations, on the air so the caller is properly balanced with the studio talent. Features include: Wide band hybrid with built in hybrid set up • Auto or manual answer • De-clicking • Connection to any PABX • Variable ring count • Cart start • All functions remotable

Mfr. List \$1,850.00 Call For BSW Price

COMREX**DX100
Digital Audio Encoder/Decoder**

DX100 is the choice digital audio codec when highest quality with minimum compression is required. Utilizing the popular apt-X audio coding algorithm, It achieves a fixed 4:1 compression ratio, allowing full bandwidth (15 kHz) mono audio transmission on a 128 kbps data channel or wideband stereo at a 256 kbps rate. The apt-X algorithm is very fast with very short delay times allowing for two-way communication in real time without noticeable delay. It also allows the DX100 to be chained together with other digital processing without signal degradation.

Mfr. List \$3,000.00 ea.

Call For BSW Price

**MUSICLINE
Digital Audio Codecs**

Comrex MusicLine™ codecs make use of the ISO/MPEG layer II audio coding for stereo, full bandwidth (15 kHz or better) along digital transmission paths of 112 kbps or more. This allows for super-high quality audio transmission using a basic rate ISDN phone line (utilizing two "B" channels) or a pair of switched 56 lines. High quality mono (10 kHz) can be achieved on a single SW56 or 64 kb lines.

The DX200 is the heart of the MusicLine™ family, offering full encode/decode performance at a dramatically lower cost than any comparable product. Single rack space unit has an internal AC power supply and balanced XLR I/O. Jumper selectable data rate and bandwidth.

DX210 has all the features of the DX200, but is housed in a rugged, portable chassis. AC power supply is built in.

DX220 is designed for applications such as distribution and one-way feeds. It utilizes only the incoming data on your digital channel(s) and leaves the outgoing data free to use for other purposes. Since the decoder adapts to the incoming bit stream, the DX220 has very few controls to worry about.

The ultimate MusicLine™ codec is the DX230 featuring all the capabilities of the rest of the MusicLine family and more. All options and configurations are easily set and checked via a front panel display. Scroll-through menus allow status information and loopback capability to be checked "on the fly". An auxiliary data port is available to allow simultaneous communication via a terminal or PC. The DX230 is software based allowing for easy field upgrades. Optional AES/EBU interface available.

DX200 Mfr. List \$3,500.00 ea. DX210 Mfr. List \$3,700.00 ea.

DX220 Mfr. List \$1,500.00 ea. DX230 Mfr. List \$5,500.00 ea.

Call For BSW Price

COMREX**TCB2A/TCB1A
Telephone Couplers**

It's easy to put your audio on the phone with the TCB2A auto-answer coupler from Comrex. Built specifically for broadcast use, the TCB2A 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.

TCB1A 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 TCB1A 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.

TCB2A Mfr. List \$295.00

Call For BSW Price

TCB1A Mfr. List \$150.00

Call For BSW Price

CYLINK**AIRLINK
Digital Wireless Modems**

Used in conjunction with a digital audio codec, AirLink wireless modems can convey your audio signal from ten to 30 miles with full duplex without sound degradation. These modems can be installed in minutes with no carrier intervention or licensing requirements, since they operate in an FCC-designated spread spectrum frequency band (902-928 MHz). Spread spectrum modulation greatly reduces the probability of interference with other radio systems by "spreading" the transmitted energy over a wide bandwidth. In addition, user-selectable frequencies allow multiple AirLink units to operate in the same building or share the same line of sight path. AirLink wireless modems can provide permanent audio or data links for less than the installation and monthly service costs of wired lines. Perfect for areas where RPU frequencies, STL frequencies and phone lines are difficult to obtain.

AirLink modems are available in 64, 128 and 256 KB/s versions. Audio bandwidth and mono/stereo configuration are dependent upon the audio codecs used.

AIRLINK64 Mfr. List \$2,850.00 Call For BSW Price

AIRLINK128 Mfr. List \$3,295.00 Call For BSW Price

AIRLINK256 Mfr. List \$3,695.00 Call For BSW Price

GENTNER



**EFT3100
Frequency Extender**

Gentner's EFT3100 digital frequency extender delivers great sound that programmers and listeners demand, with the ease of setup you need for smooth operation. All frequency extension, noise reduction and audio processing is completely done in the digital domain. The result is a sound that rivals that of a satellite feed.

The EFT3100 provides a frequency response of 50 Hz to 7500 Hz over 3 standard dial-up telephone lines. It incorporates built-in telephone couplers, microphone and headphone amplifiers, and front panel telephone pad. Other features such as automatic set-up, mic and line inputs, auto answer and disconnect capability make the EFT3100 a natural for remote work. Two units are required for frequency extension.

Mfr. List \$7,349.00 (2 unit system) Call For BSW Price



**EFT1000A
Frequency Extender**

Have you ever wished you could send one person out to do a remote and not have to worry if all the right "switches" were in the right position at the studio? Now you can trust EFT1000A to get the job done for you with automatic answer and automatic encode-decode. Just go to the remote, phone the station and you're ready to go. The EFT1000A is capable of using two different telephone lines. You can transmit on one line and use the other for continuous cues from the station. Two units needed for complete system.

Mfr. List \$1,469.00 Call For BSW Price



**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. Its digital circuitry ensures improved audio response. In fact, all you need at the remote site is an EFT900A and a microphone. The telephone coupler, mic/line input, and headset amplifier are all built right in. No more hassles doing a remote when you rely on the EFT900A.

Mfr. List \$939.00 Call For BSW Price

GENTNER



**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 \$649.00 Call For BSW Price



**PEOPLELINK
Broadcast Telephone System**

PeopleLink is a highly specialized system that can handle up to 40 lines and allows even non-technical people to confidently control multiple line conferences and talk shows. DSP technology is used to give maximum clarity on all lines. Special features include: Poll computer, automated call answering and recording, ability to conference all types of incoming lines (frequency extended or nonextended), multiple control points for independent and simultaneous use, and much more. PeopleLink works with almost any standard business telephone system, or can operate as a complete stand-alone system.

Pricing Based On Configuration



**TELESWITCH
Telephone Call Director**

No longer do you have to 'hot wire' a multi-line telephone set to access multiple lines. With TeleSwitch, up to five lines can be directly connected, placed on hold, and routed to a hybrid or telephone set. With TeleSwitch you can conference and even record callers with the press of a button. TeleSwitch will work with most business phone systems. Operation and installation are as 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****DH1A
Digital Telephone Hybrid**

Now you can take advantage of digital signal processing technology to enhance your telephone audio with the Gentner Digital Hybrid 1a. Using DSP technology, DH1a "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 \$1,049.00**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 \$889.00**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). a built-in monitor amplifier eliminates the need for guests or talent to wear headsets. The SPH3A is simple to install and is fully remoteable.

Mfr. List \$579.00**Call For BSW Price****Need Assistance In Selecting The
Right Telephone Equipment ?**

Let our factory trained representatives assist you in making the right decision based on your needs.

GENTNER



**TC100R
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, DTMF decoder, fully remoteable.

Mfr. List \$449.00

Call For BSW Price



**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 \$319.00

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



**MICROTEL 1
Telephone Interface**

Gentner Engineering's Microtel 1 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 1 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

HENRY ENGINEERING



**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



**TELECART II
Auto Answer Interface**

An automatic answering unit that permits a standard NAB type cartridge machine to answer a telephone line and play a recorded message to the caller. Features: Digital call counter (records 999 calls) • Failsafe - permits unattended automatic operation • Built-in power supply • Works with virtually any cart machine • Cart cues for all incoming calls

Mfr. List \$225.00

Call For BSW Price



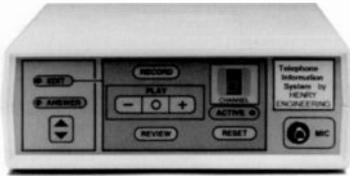
**DIGISTOR
Digital Message Storage System**

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 Price

HENRY ENGINEERING



TIS Telephone Information System

The Telephone Information System (TIS) from Henry Engineering is a comprehensive system for disseminating information via a regular telephone line. The TIS can store up to 10 separate messages in its digital memory. When the unit is called, a "Menu" message plays, telling the caller which messages are available. The caller may then select any message(s) for instant playback by simply pressing the buttons on a Touch-Tone® telephone. Messages are easily updated by re-recording. Over 8 minutes of information can be stored in the TIS digital memory.

- Opening 'Menu' message plus 9 more individual messages
- Digital Audio Memory means messages never wear out
- External telephone may be used for operator assistance
- Auto-disconnect prevents unnecessary busy signals to callers
- Battery backup prevents memory loss during AC power failure
- Microphone included

Mfr. List \$895.00

Call For BSW Price

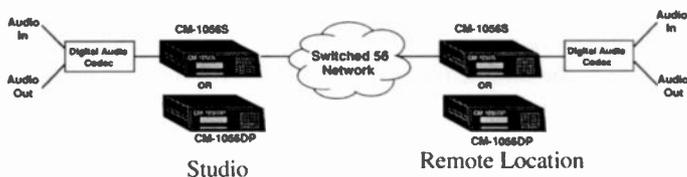
INC



CM1056S/CM1056DP CSU/DSU Switched 56 Interface Equipment

Switched 56 kbps service provides broadcasters with a high quality, economical alternative to costly and difficult to obtain dedicated program lines. Using digital audio codecs, CSU/DSUs, and switched 56 kbps service, broadcasters can transmit high quality audio to access affiliates, cover sporting events, transmit traffic and weather reports and do on-site interviews of major news events.

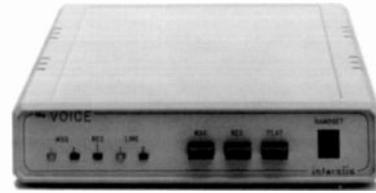
INC CSU/DSUs make the connection to the switched 56 network



BSW stocks all the equipment necessary to broadcast over the switched 56 network. The exact model of INC CSU/DSU's will be determined by the service available in your area.

Call BSW For More Information And Pricing

INTERALIA



V SERIES Digital Announcer

This solid state digital recorder is perfect for telephone information lines. Recording time up to 8 minutes is available for one or two phone lines. The caller always hears the message from the beginning and the line clears immediately after the caller hangs up. Options include remote record, call count, dry contacts, and low impedance.

V22 Mfr. List \$990.00
(One Line, Two Message, 32 Sec. Storage)

Call For BSW Price

RADIO SYSTEMS



TI101 Analog Telephone Hybrid

The Radio Systems TI101 telephone interface is one of the most practical and economical devices on the market today. It employs a carefully engineered electronic hybrid circuit offering effective isolation between the studio and caller. Features include caller EQ, send limiter, compressor/expander, caller mute, conference linking, and much more.

Mfr. List \$549.00

Call For BSW Price

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. To use with a telephone, simply plug the telephone handset cord into the TLM along with a studio quality microphone and headphones. Features include: Mic and line inputs

- Low battery indicator
- Peak reading LED
- AC adapter available
- Headphone amplifier

Mfr. List \$229.00

Call For BSW Price

SHURE



**50AC
Telephone Acoustic Coupler**

Ideal for voice transmission from remote locations where "hard wiring" to telephone lines is impractical or impossible. Offers convenient hands-free operation with most cassette tape recorders. Ruggedly constructed of rubber and high-impact plastic.

Mfr. List \$75.00 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 \$147.50
SVP (Without Record Feature) BSW Price \$128.75



**VOICEACT
Telephone Coupler**

Designed to replace the mic element in older Western Electric or GTE telephones, this versatile phone coupler from Sound America makes it easy to transmit audio through the telephone. Installs in seconds and uses no batteries. Built-in mic element allows for simultaneous voice and tape feed. 1/8" tape input jack. Carrying case included.

VOICEACT WE (For Western Electric) BSW Price \$94.95
VOICEACT GTE (For GTE) BSW Price \$99.95

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 Price



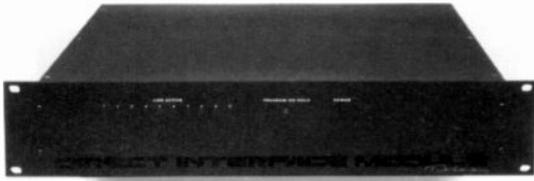
**100 Delta
Digital Hybrid**

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 \$2,450.00 Call For BSW Price

TELOS
**Direct Interface Module/1A2 Interface Module
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 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.

DIRECT INTERFACE MODULE	Mfr. List \$1,840.00
1A2 INTERFACE MODULE	Mfr. List \$1,050.00
SWITCH CONSOLE	Mfr. List \$650.00
CALL SCREEN MANAGER	Mfr. List \$349.00

Call For BSW Price


**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 our 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.

Mfr. List \$2,180.00

Call For BSW Price

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 Price

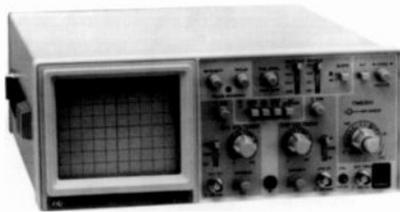

**ZEPHYR
Digital Network Audio Transceiver**

By utilizing the most advanced digital audio coding (compression) technology available, Telos Zephyr can convey 15 kHz stereo program audio on a single dial-up ISDN line. It is the ideal solution for remote broadcasts, ad hoc networks, backup to microwave and satellite links, and many other applications. Features include:

- 15 kHz or 7.5 kHz backhaul channel for communications between sites without additional service.
- 2400 baud RS-232 bi-directional data for communications and control.
- ISDN terminal adapter built-in - no separate boxes needed
- V.35 connection makes Zephyr compatible with Switched 56 and other data links designed for coded digital audio.
- ISO/MPEG Layer-III coding (data compression) assures the highest quality audio.
- Each unit can serve as either a transmitter or receiver.
- Compatible with existing 7.5 kHz codecs using G.722.

ZEPHYR Mono Transmit	Mfr. List \$3,980.00
ZEPHYR Stereo Transmit	Mfr. List \$4,980.00

Call For BSW Price

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 B&K 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

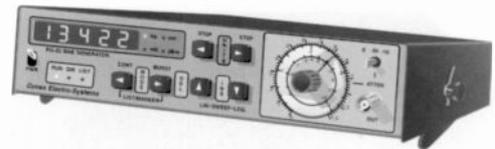
BECKMAN**DM78/AM10
Multimeters**

The pocket sized DM78 is a digital auto-ranging meter with 3/8" LCD display. Checks up to 450 volts, AC or DC in four ranges, up to 2000 k ohms in four ranges plus continuity with beeper.

The AM10 has 16 measuring ranges in four functions plus decibels on the AC volt scale with 2000 ohms/volt sensitivity, two times scale overload protection, and zero adjust for ohms and meter movement.

DM78 BSW Price \$40.00

AM10 BSW Price \$12.95

CONEX**RG22
Frequency Generator**

This handy new frequency generator includes the following outstanding features: Frequency stepping (program up to 20 arbitrary frequencies with level from -24 to +24 dB), Frequency sweep (linear or logarithmic sweep), Tone burst (from 1 ms to 65 seconds), RS232 control interface, Digital attenuator (-24 to +24 dB) and a sync output for scope control.

Mfr. List Not Available At Press Time 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 \$635.00

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**75/77
Test Meters**

Model 75 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 77 adds 0.3% accuracy and touch hold.

75 Mfr. List \$143.55

77 Mfr. List \$167.30

Call For BSW Price

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 \$55.00

Call For BSW Price

GOLDLINE**DSP30
Digital Portable RTA**

The DSP30 portable RTA from Goldline offers cutting edge technology and convenience at an affordable price. Standard features: 85dB window which is not limited by the LED display, automatic Sum and Average function, average SPL function, scales from 1/4 to 5dB, high-impact strength "ABS" case, adjustable filters for triple tuned or sharper, switchable curves ("A", "B", "C", or user defined), 600 ohm, differential balanced, condenser microphone and 6 active memories (30 location non-volatile memory available).

DSP30 Mfr. List \$1,500.00

OPT232 RS232 Port Option Mfr. List \$315.00

OPTPRT Printer Port Option Mfr. List \$250.00

OPTNVM Non-volatile Memory Mfr. List \$125.00

Call For BSW Price

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 Price

LOFTECH**TS1
Audio Test Set**

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.

Mfr. List \$379.95

Call For BSW Price

POTOMAC**AT51
Audio Test System**

An innovative audio test system which facilitates the measurement of critical parameters in monophonic and stereophonic audio equipment. The AG51 Audio Generator and AA51 Audio Analyzer 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 \$5,640.00

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 \$60.90

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 \$555.00

Call For BSW Price

YIBBOX



YIBBOX Audio Line Tester

Yibbox is a battery powered 400 Hz oscillator designed to locate faulty audio lines or set proper levels in almost any situation. Balanced XLR and unbalanced 1/4" outputs are provided at 4 switchable levels: 0 dBm, -20 dBm, -30 dBm, or -50 dBm. LEDs automatically indicate the presence of phantom power or RTS volts to test continuity in mic lines. There's even an electret microphone built-in allowing the engineer to "talk down the line" for communication purposes. Includes power on/low battery LED indicator.

Mfr. List \$99.00

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 dispenser, 25ml	BSW Price \$14.95
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

DT3S10 DustALL (10 oz.)	BSW Price \$6.95
--------------------------------	-------------------------

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 $\pm 8\%$ comes in handy. The SL1200MKII includes base, dust cover, and tonearm.

Mfr. List \$449.95

Call For BSW Price

PROTEC



SA270 Professional Tonearm

The best value tonearm. Durable construction designed for daily broadcast use. Headshell is removable and accommodates all popular brands of professional phono cartridges. Anti-skate adjustment is built-in. Tracking weight is adjustable.

BSW Price \$169.00

AUDIO-TECHNICA



ATP12T Professional Tonearm

Features removable headshell and adjustable tracking weight. Fits a wide range of turntable heights and base thicknesses.

Mfr. List \$300.00

Call For BSW Price

STANTON



Cartridge

Model	BSW Price
500AL	\$18.30
500EL	\$20.20
500EMKII	\$16.30
681EEEMKIIS	\$74.30
881SMKIIS	\$92.90
890AL	\$71.40
680AL	\$53.60
680EL	\$62.60

Replacement Styli

Model	BSW Price
D5107AL	\$10.80
D5100EL	\$12.80
D50EMKII	\$9.90
D6800AL	\$9.80
D6800EEEIIS	\$28.35
D81IIS	\$57.70
D89AL	\$27.90
D6800AL	\$19.80
D6800EE	\$24.60

SHURE



Cartridge

Model	BSW Price
M44-7	\$27.70
M44-C	\$27.70
M44-E	\$35.00
SC35C	\$36.30
SC39EJ	\$73.50

Replacement Styli

Model	BSW Price
N44-7	\$17.00
N44-C	\$17.00
N44-E	\$18.40
SS35C	\$17.30
SS39B	\$26.00
SS39EJ	\$27.30

AUDIO-TECHNICA



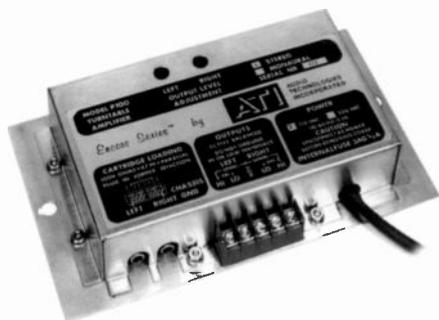
Cartridge

Model	BSW Price
ATP 2	\$34.70
ATP 3	\$46.70

Replacement Styli

Model	BSW Price
ATPN2	\$20.70

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 \$319.00

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

RDL



**STPH1
Turntable Preamp**

The STPH1 provides accurate, low noise preamplification at very low cost. This stereophonic device offers both balanced and unbalanced, hi and low-z outputs with level controls for left and right output. Total harmonic distortion from 10 Hz to 30 kHz is <0.03% with hi-z load and <0.015% with 600 ohm load. Equalization follows the RIAA curve. Since it's part of Radio Design Labs' stick-on series, it's small enough to stick on the back of your turntable base.

Mfr. List \$104.95

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 \$295.00

Call For BSW Price

RADIO SYSTEMS



**PA1
Turntable Preamp**

Thousands of broadcasters rely on the faithful, trouble-free performance of Radio Systems' PA1 phono preamplifier. It's ground-plane circuitry gives it superb immunity to RF interference even in the most intense RF environments. PA1 offers incredibly low noise and crosstalk specifications with excellent protection against slew induced distortion, transient intermodulation, and input clipping.

Mfr. List \$325.00

Call For BSW Price

RANE



**PS1
Turntable Preamp**

The PS1 uses high quality, audio grade components for a pristine audio path. Features include switchable cartridge loading capacitors, 0.1dB RIAA accuracy, balanced, high-current line drivers, rumble filter 15Hz -18dB/octave and barrier strip and RCA outputs.

Mfr. List \$189.00

Call For BSW Price

Equipment Solutions To Keep You Number One



7012 27th Street West
Tacoma, WA
98466 USA

* Items For Lease Application Only

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	

Where is the equipment to be located if not at above address? (Shipping Address)		
Address	City, County, State	Zip Code

Parent Company			
Name	Contact Person	Telephone # ()	
Address	City, State	Zip Code	

Bank References				
Name of Bank/Branch	How Long?	Checking Acct. #	Telephone # ()	Account Manager
		Loan Acct. #		
Name of Bank/Branch	How Long?	Checking Acct. #	Telephone # ()	Account Manager
		Loan Acct. #		

Trade References			
Company Name	City, State	Telephone # ()	Contact Person
Company Name	City, State	Telephone # ()	Contact Person
Company Name	City, State	Telephone # ()	Contact Person

* Personal Information on Owners, Officers, Partners, or Guarantors					
Last Name	First	Middle	Title	Social Security #	
Home Address		City	State	Zip Code	Home Phone #
Last Name	First	Middle	Title	Social Security #	
Home Address		City	State	Zip Code	Home Phone #

Vendor Information (For BSW Use Only)			Transaction Summary	
Broadcast Supply Worldwide	Vendor #	123450	Lease Plan	Term
7012 27th St. West	Tacoma, WA	98466	Number of Advance Payments	Rate Factor
Contact Person	(206) 565-2301		Total Transaction (equipment cost, shipping, sales/use tax, installation)	

* (Lease Application Only)

Lease Applicant & Guarantor(s) authorize BSW and its affiliates to investigate their financial responsibility and creditworthiness, and Credit Applicant & Guarantor(s) agree to provide financial statements, tax returns, or other credit-related information as necessary. Financial statements required on all transactions of \$25,000 and over. Personal guarantees on all transactions for business less than two years old.

AMPLIFIERS		DAT MACHINES	45-47	PRESSBOXES	5
<i>Distribution</i>	4,5	DAT CASSETTES	47	RACKS	
<i>Headphone</i>	57	DAT RACKS	105,106	<i>Cart, Cassette, CD, DAT</i>	105,106
<i>Interface</i>	58,59	DIGITAL MULTITRACK RECORDERS	48	<i>Equipment</i>	102-104
<i>Monitor/Power</i>	2,3	DIGITAL STORAGE/AUTOMATION	52,53	RBDS	90
<i>Preamps, Microphone</i>	70	DIGITAL WORKSTATIONS	49-52	RECEIVERS, AM/FM	76
<i>Preamps, Phono</i>	124	DUMMY LOADS	91	REEL TAPE AND ACCESSORIES	79,80
ANTENNAS AND ACCESSORIES		EBS SYSTEMS	73	REEL TO REEL MACHINES	77,78
<i>FM</i>	92	EDITING SUPPLIES	79,80	REMOTE CONTROL	81,82
<i>RPU</i>	84	EFFECTS PROCESSORS		REMOTE PICK-UP EQUIPMENT	83,84
<i>STL</i>	87	<i>(See Audio Processing)</i>		RF CABLE AND ACCESSORIES	91,93,94
AUDIO PROCESSING		EQUIPMENT RACKS	102-104	ROUTING SWITCHERS, Audio	60
<i>AM-On Air</i>	6-8	ERASERS	19	SCA EQUIPMENT	90
<i>Composite</i>	9	EXCITERS	88-90	SOUND EFFECTS, CD	33
<i>Compressors/Limiters</i>	11-13	FM CABLE MODULATOR	90	SOUND INSULATION	104
<i>Delay Units</i>	9	FREQUENCY EXTENDERS	112-114	SPEAKERS	95-98
<i>Effects</i>	16,17	FURNITURE, STUDIO	99-101,103	SPEAKER ACCESSORIES	98
<i>Equalizers</i>	14,15	HEADPHONES/HEADSETS	54-56	SPLICE FINDERS	21
<i>FM-On Air</i>	6-8	HEADPHONE AMPLIFIERS/ACC.	57	SPLICING SUPPLIES	79,80
<i>Microphone</i>	10	HEAD CLEANING PRODUCTS	80	STL EQUIPMENT	
<i>Noise Reduction</i>	18	INTERCOM	61	<i>Antennas</i>	87
<i>NRSC</i>	8	INTERFACE		<i>SCA</i>	90
<i>On-Air</i>	6-8	<i>Amplifiers</i>	58,59	<i>Transmitters/Receivers</i>	85-87
<i>Stereo Enhancers</i>	9	<i>Patch Bays</i>	61,62	STEREO GENERATORS	6,8,9
<i>Stereo Generators</i>	6,8,9	<i>Relays</i>	59	SURGE PROTECTORS	108
<i>Stereo Synthesizer</i>	9	<i>Switchers</i>	60	SWITCHERS	
<i>Voice</i>	10	ISOCOUPERS	91	<i>Audio</i>	60
AUTOMATION	19,52,53	LIGHTING, Tower	94	<i>RF</i>	91,94
BULK ERASERS	19	LOGGERS	63	TELEPHONE EQUIPMENT	
CABLE, Audio	20,72	MASTS, Telescoping	84	<i>Cellular Interfaces</i>	111,112
CABLE, RF	93	METERING, Audio	76	<i>Codecs</i>	111,113,119
CARTRIDGES, Phono	123	MICROPHONES	64-69	<i>Couplers</i>	111,113,116,117,118
CARTS	26	<i>Accessories</i>	70-72	<i>Frequency Extenders</i>	112,114
CARTRIDGE MACHINES	21-25	<i>Mixers</i>	10	<i>Hybrids</i>	112,115,117,118,119
CART MACHINE ACCESSORIES	25,26	<i>Preamps</i>	43,44	<i>Information Announcers</i>	116,117
CART RACKS	105,106	<i>Processors</i>	70	<i>Switched 56/ISDN</i>	117,119
CASSETTE MACHINES	27-29	<i>Stands</i>	72	TEMPERATURE GAUGES	110
CASSETTES AND ACCESSORIES	29	MIDI ACCESSORIES	51	TEST EQUIPMENT	120-122
CASSETTE RACKS	105,106	MONITORS		TEST TAPES	25,80
CLEANERS		<i>EBS/Weather</i>	73	TIMERS, CLOCKS	109,110
<i>Tape Head</i>	80	<i>Meters</i>	76	TONEARMS	123
<i>Electrical Contact</i>	122	<i>Modulation</i>	74,75	TONE SENSORS/GENERATORS	19,120-122
CLOCKS/TIMERS	109,110	<i>Status/Alert</i>	107	TOOLS	122
COMPACT DISC PLAYERS	30,31	<i>Tuners</i>	76	TOWERS AND ACCESSORIES	94
COMPACT DISC RECORDERS	31	MONITOR SPEAKERS	95-98	TRANSMITTERS/EXCITERS	88-90
COMPACT DISC ACCESSORIES	32,33	MUSIC LIBRARIES	33	TUNERS, AM/FM	76
COMPACT DISC RACKS	105,106	NOISE REDUCTION	18	TURNTABLE/ACCESSORIES	123,124
COMPOSITE DISTRIBUTION AMP	94	ON-AIR LIGHTS	107	WARNING LIGHTS	107
CONSOLES		OSCILLOSCOPES	120	WEATHER INSTRUMENTS	110
<i>On-Air</i>	34-38	PATCHBAYS, CORDS, PANELS	61,62	WINDSCREENS	71
<i>Production</i>	39-42	PHONO CARTRIDGES, STYLI	123	WIRE AND ACCESSORIES	20
<i>Remote</i>	43,44	PREAMPS, Mic	70	WIRELESS MICROPHONES	68,69
COPY HOLDERS	108	PREAMPS, Phono	124	WORKSTATIONS, Digital	49-52

INDEX OF PRODUCTS BY MANUFACTURER

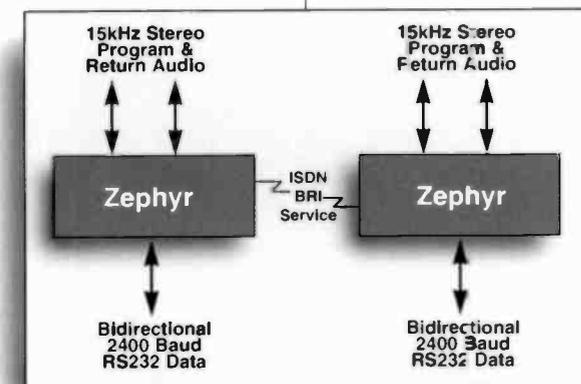
360 SYSTEMS	24,25,60	EFI	108	PRORAX	77,106
ABCO	105	ELECTRO IMPULSE	91	PROTEC	123
ADC	61,62	ELECTRO-VOICE	43,65,68,95,96	QEI	9,75,85,90
AIR CORP	10	ENBERG	107	QSC	2
AKAI	48	ERI	92	QUIKLOK	72,103
AKG	54,56,57,64	ESE	4,58,76,109	RADIO DESIGN LABS (RDL)	5,12,43,57,59,70,75,76,124
ALC	95	EVENTIDE	9,16,63	RADIO SYSTEMS	5,18,38,45,109,110,117,124
ALESIS	39,48,95	EXPRESS GROUP	99	RADIX	5,110,117,124
ALTRONIC RESEARCH INC.	91	FIDELIPAC	19,21,24,25,26,36,105,107	RAINWISE	110
AMPEX	47,79	FLUKE	121	RAMSA	3,45,97
ANDREW	93	FOSTEX	45,48,54,57,78,80,98,121	RANE	12,15,43,57,58,124
APHEX	4,6,14,17,58	GARNER	19	RAXXESS	62,71,103
ARRAKIS	34,52,100	GEM	80	RCS	63
ART	11,14,16	GENEVA	19,33,80	REGISTER DATA SYSTEMS (RDS)	53
ASHLY	2	GENTNER	7,62,82,114-116	REVOX	77
ATI	4,38,43,57,58,70,76,124	GEPSCO	20	RODCO	110
ATLANTIC REP.	105	GOLDLINE	121	ROHN	94
ATLAS	72	GORMAN-REDLICH	73	ROLAND	18,50,51
AUDI-CORD	22	HAFLER	2	ROLLS	3,10,76
AUDIOARTS	36,39,100	HBS	33	RUSS FRIEND & ASSOC.	58
AUDIOLAB	19	HENRY ENGINEERING	4,43,58,59,60,116,117	SABINE	18
AUDIOPAK	26	HOSA	20,72	SAMSON	68
AUDIO-TECHNICA	64,68,123	INC	117	SCALA	84,87
AUDIX	98	INFORMATION DESIGN	105	SCOTCH/3M	47,79,80
AURATONE	95	INOVONICS	8,74	SENNHEISER	55,56,66
AUTOGRAM	35	INTERALIA	117	SENTRY SYSTEMS	75
AVSC	19	INTRACLEAN	32,80	SETH THOMAS	110
BBE	17	IQS	49	SHIVELY LABS	92
BEC	61	ITC	22,26,53	SHURE	44,56,67,69-71,118,123
BECKMAN	120	JAMPRO	92	SINE SYSTEMS	82
BELAR	74	JBL	96,97	SOHO	105
BELDON	20	JL COOPER	51	SONAR	19
BENCHMARK	57	JUICE GOOSE	108	SONEX	104
BEYER	54,56,64,68	KINTRONIC LABS	91	SONY	24,25,28,30,46,47,55,66
BGW	2,102	KLARK-TEKNIK	15	SOUND AMERICA	118
BIRD	93,120	KORG	50	SOUNDCRAFT	41
B&K	120	KOSS	54,98	SOUNDCRAFTSMEN	3,76
BROADCAST DEVICES	59,94	LARSEN	84	SOUND IDEAS	33
BROADCAST ELECTRONICS	21,23,37,81,88,89,92	LEXICON	16	SOUNDOLIER	104
BROADCAST TOOLS	59,61	LITTLELITE	108	STANTON	123,124
BRYCO	105	LOFTECH	121	STEWART	3
BSW	25,29,32,71,80,102,104,105	LPB	38	STL	25,80
BURK TECHNOLOGY	60,81	LUXO	72	SYMETRIX	3,10,13,15,57,70
CABLEWAVE	93	MACKIE DESIGNS	40	TANNOY	97
CAIG	122	MARANTZ	27,28,31,46	TAPECASTER	23
CARVER	31	MARK ANTENNA	87	TASCAM	27,29,30,31,41,42,46,48,51,78
CATEL	90	MARTI	83-85,87,90	TEAC	28
CELLABS	111	MIDDLE ATLANTIC	102	TECHNICS	27,28,31,123
CIRCUITWERKES	76,111,112,113	MIDIMAN	51	TELEX	56,69
COMREX	43,83	MODULATION SCIENCES	9,74,90,94	TELFAX	44
CONNECTWORKS	93	MOSELEY	82,83,85	TELOS	118,119
CONEX	19,60,81,120	MRL	80	TELTEK	82,110
CCS	111	MTS	73	TFT	73,75,83,86
CRL	6,7,10,18	MURPHY	99	TITUS TECH LABS	60,107
CROWN	2,66	NEUMANN	66	TWR	94
CUTTING EDGE	7	NEUTRIK	72	UREI	13,14
CYLINK	113	NIGEL B.	101,108	USA FOAM	104
DAX	14	OMNIMOUNT	98	VALENTINO	33
DBX	11,14,18,58,70	OMNIRAX	103	VALLEY INTERNATIONAL	10,13
DDA	39	ORBAN	8-11,15,17	VEGA	69,83
DELTA	74,120	OTARI	22,45,77	WEST PENN	20
DENON	27,30,32,46,76	PANASONIC	29,47	WHEATSTONE	5
DIC DIGITAL	47	PANDUIT	20	WHIRLWIND	5,20,57,70,71,122
DIELECTRIC	91-93	PERFECT DATA	108	WILL-BURT	84
DIGIDESIGN	49	PIVOTELLI	98	XCELITE	122
DIGITAL AUDIO LABS	49	POTOMAC	121	XEDIT	80
DIGITECH	16	PROCABLE	72	YAMAHA	3,17,29,42,97
DISCWASHER	29,32	PROCO	20	YIBBOX	122
DOD	39	PROFOAM	104	ZERCOM	44
DORROUGH	76,120	PROLITE	107		

The Best Way to Hear from There

Only Zephyr™ gives you full-fidelity stereo on a single phone line.

No longer will your remote broadcasts be constrained by high cost and complicated equipment. Now all of your remotes can have near-CD quality sound. Using Integrated Services Digital Network (ISDN) telephone lines and the most advanced digital audio compression technology available, Telos makes setting up a remote as easy as sending a fax.

Zephyr is capable of transmitting broadcast quality audio virtually anywhere in the world for about the same price as an ordinary voice call.



To compress the program audio signal for transmission, Zephyr uses ISO/MPEG Layer III coding.



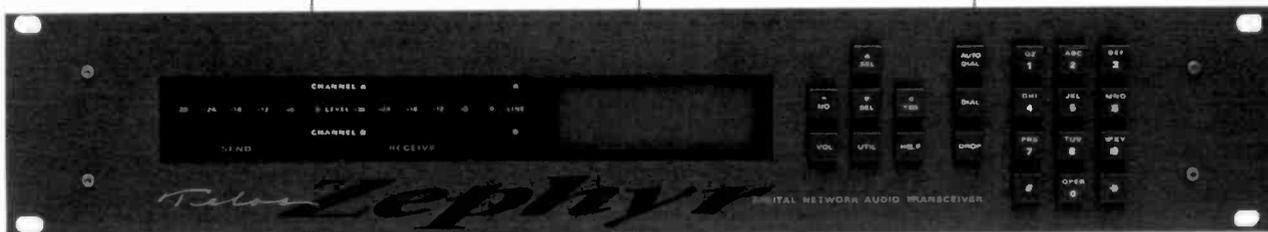
It is the ideal solution for remote broadcasts, ad hoc networks, backup to microwave and satellite links, as well as many other applications.

Several international listening tests have already demonstrated Layer III's superior performance at data rates of 64kbps or less per channel.

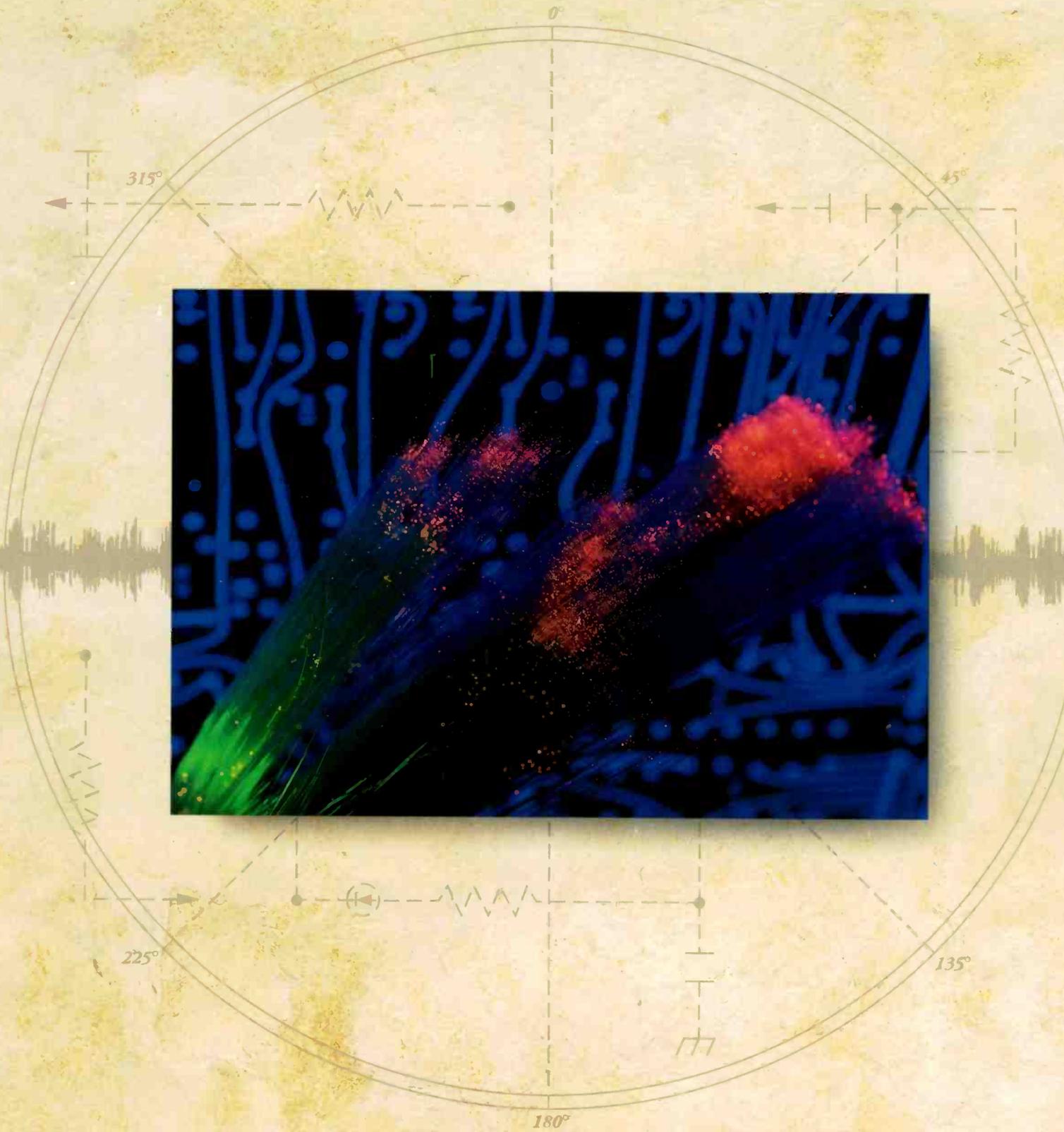
only from



- Full duplex 15kHz stereo operation on one ISDN line or two Switched 56 lines using Layer III coding.
- Compatibility with installed 7.5kHz codecs that use G.722.
- 2400 baud RS-232 bi-directional data for communications and control.
- Four "end-to-end" simple parallel contact closures for summary alarm and control of recorders and other devices.
- Split channel mode allows individual mono signals to be transmitted to separate sites.
- The ISDN terminal adapter is built-in and no separate boxes are needed.
- V.35/X.21 port allows Zephyr to be connected to one or two Switched 56 lines, spread spectrum wireless modems, satellite links, and other data paths.
- Designed for simple operation with full metering, analog audio limiting, and straightforward controls.
- Each unit can serve as either a transmitter or receiver.



Telos **Zephyr** DIGITAL NETWORK AUDIO TRANSCIVER



Equipment Solutions To Keep You Number One

BSW[®]
BROADCAST SUPPLY WORLDWIDE