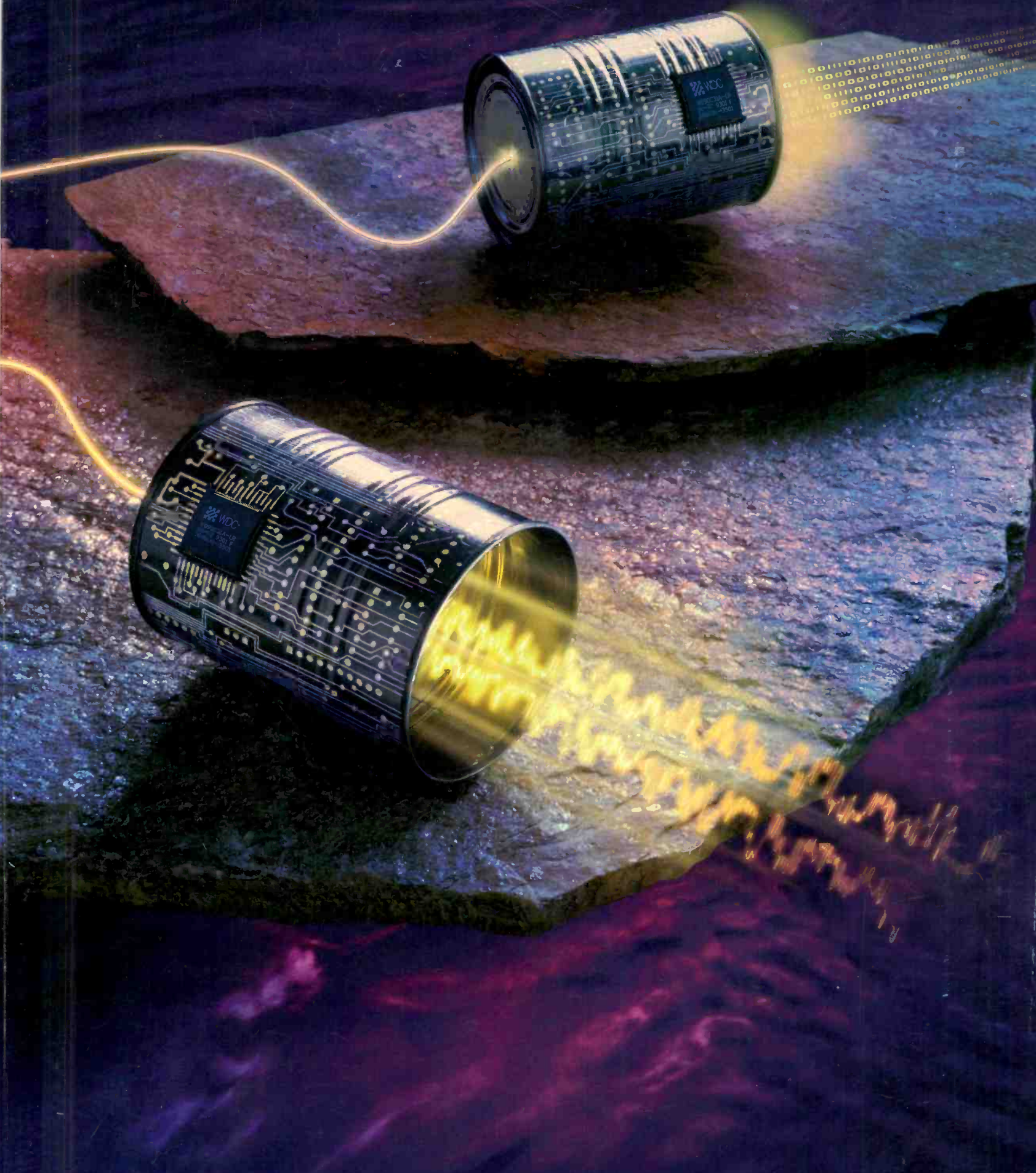
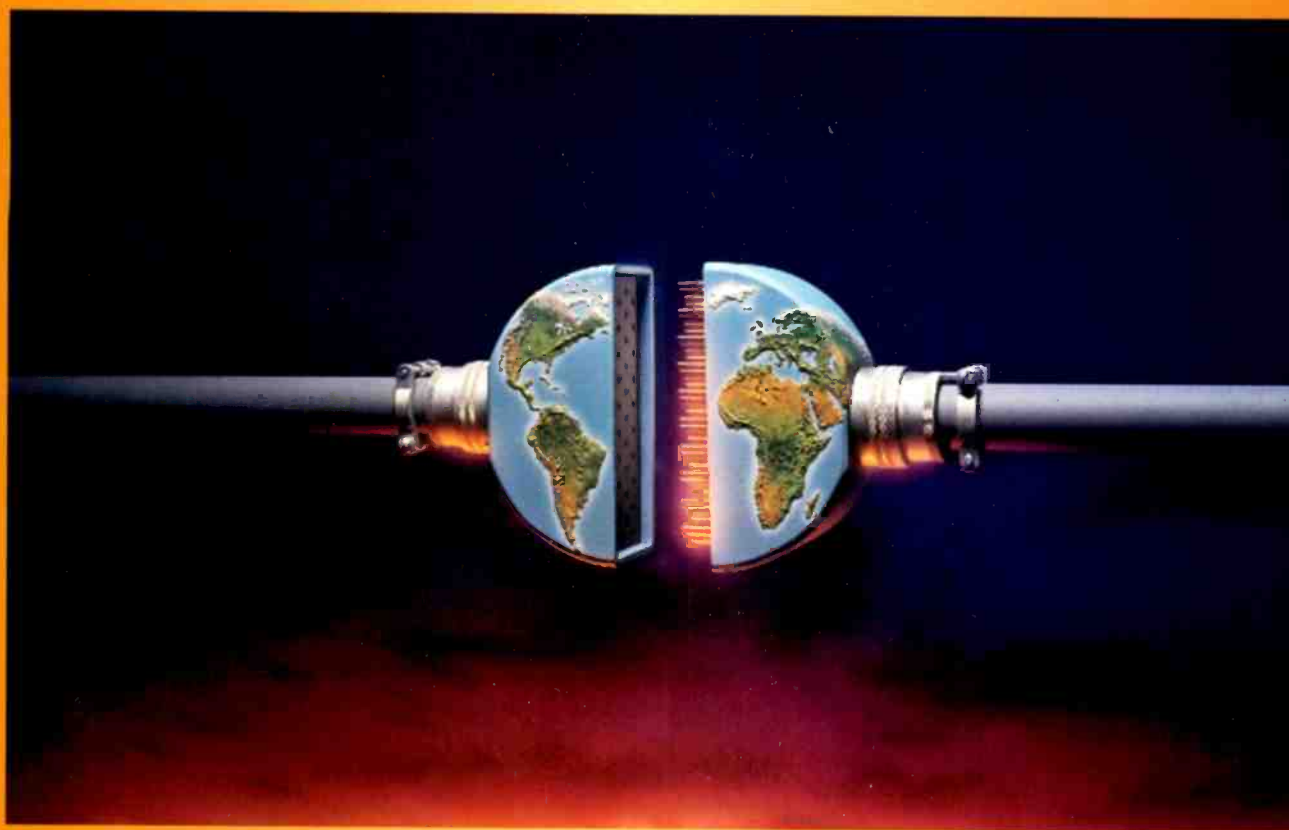


CATALOG 95



BSW
BROADCAST SUPPLY WORLDWIDE



CONNECT WITH A WORLD LEADER IN BROADCAST AUDIO

BSW is your single source supplier with the greatest selection and prices of broadcast audio equipment. Our sales representatives and engineers are exceptionally qualified to give you assistance in choosing the right equipment for your application. From anywhere on the globe, by fax or phone, BSW is your connection to the world of professional audio.

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

Equipment Solutions To Keep You Number One

BSW[®]
BROADCAST SUPPLY WORLDWIDE

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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 149 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 150 for accounts desiring open account status. COD is available under certain circumstances; please check with your sales rep for further details. Visa and Mastercard are accepted. Personal checks up to \$1000.00 accepted with TeleCheck approval. 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 apply to each order. 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.)

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Equipment Solutions To Keep You Number One



Address Correspondence To:

7012 27th Street West Tacoma, WA 98466 USA

Front Cover: "Simplified Digital Communication"

Design Orchestrator: Denise Knudson

Photography and Computer Magic: Rick Semple Studios

Concept: Tim Schwieger

Catalog Project:

Copy Cruncher, Manufacturer Liaison, Chief Cook
and Bottle Washer: Jay Ubben

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ASHLY



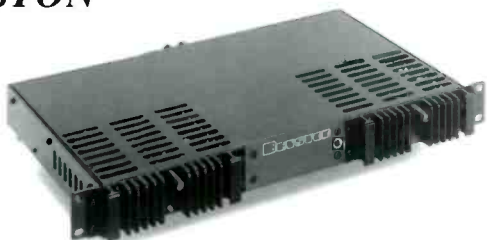
SRA-120 Power Amplifier

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

BRYSTON



2BLP/3BNPB Power Amplifiers

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

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

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

2BLP Mfr. List \$795.00

Call For BSW Price

3BNPB Mfr. List \$1,395.00

Call For BSW Price

CROWN



D75A/D45 Power Amplifiers

The newest version of broadcasting's most popular amplifier, the D75 features 40 watts per channel RMS with only .05% harmonic distortion and active balanced inputs with XLR connectors. New features include signal presence LED and and input/output comparator (IOC) LED that lights if distortion ever exceeds .05%.

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

BSW supplies Crown amps at any power level required for your application.

D75A Mfr. List \$625.00

Call For BSW Price

D45 Mfr. List \$395.00

Call For BSW Price

HAFLER



TRANS·NOVA Power Amplifiers

Hafler amps are famous for providing three important features that professionals demand: fidelity, simplicity, and reliability. Hafler's newest series of amplifiers feature award winning Trans·Nova circuitry for superb sonic integrity. Treat your ears to the phenomenal sound of Hafler Trans·Nova amplifiers. These amps feature a 5-year warranty.

P1500 (75W/Chnl. Into 8)

Mfr. List \$549.00

P3000 (150W/Chnl. Into 8)

Mfr. List \$799.00

9303 (150W/Chnl. Into 8)

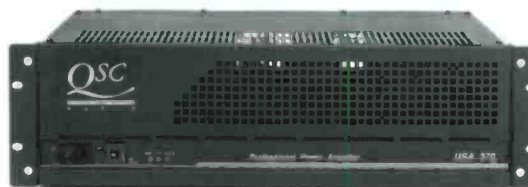
Mfr. List \$1,300.00

9505 (250W/Chnl. Into 8)

Mfr. List \$2,200.00

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QSC



USA SERIES Power Amplifiers

You get uncompromising performance and unexpected economy with QSC USA Series amplifiers. All models feature turn on/off protection, balanced inputs/outputs and a 3-year warranty. Model 1100 includes front panel headphone jacks.

USA370 (125W/Chnl. Into 8)

Mfr. List \$620.00

USA850 (270W/Chnl. Into 8)

Mfr. List \$740.00

USA1300 (400W/Chnl. Into 8)

Mfr. List \$1,100.00

1100 (50W/Chnl. Into 8)

Mfr. List \$608.00

Call For BSW Prices

RAMSA



WP SERIES 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)

Mfr. List \$760.00

WP9110 (100W/Chnl. Into 8)

Mfr. List \$1,100.00

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Broadcasters have great ears too.

Join the family of top American recording studio professionals using Hafler amplifiers. Treat yourself to the legendary name of Hafler, the most dependable control room amplifier available.

Why buy just another good amp when you can enjoy our "rich, elegant studio reference audio quality" at prices that will fit your budget. Our four new models feature the award winning and patented trans•nova circuitry by V.P. of engineering Jim Strickland. They have more power and more features than ever before, setting a new standard in price and performance that will last for many years to come. Manufactured with pride at Rockford Corporation's World Class facility in Tempe, AZ. Just ask the PRO's at Broadcast Supply Worldwide.

Hafler® trans•nova▶

A New Standard!

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"Jim Strickland's simple (less is more) design of the trans•nova makes it the most uncolored power amplifier I have heard. It doesn't add or take away from the music. For me this makes the trans•nova an ideal monitoring tool."

TOH JUNG
DHP RECORDS



"For the past ten years, I've used Hafler amplifiers here at Capitol's "Tower Mastering." I'm more than pleased with the sound quality and dependability they provide. The many artists I've mastered, know they can rely on our monitors when they're powered by Hafler."

WALLY TRAUOGOTT
TOWER MASTERING
CAPITOL RECORDS



"I mixed my new album, 'Music From Here' on Hafler. It was an exhilarating experience! NO OTHER AMP COMES CLOSE!"

RONNIE MONTROSE
RECORDING ARTIST/PRODUCER



"...Once in a while a product comes along that is an incomparable value. Hafler power amps fit squarely into that category: pure abundant transparent power amplification, no gimmicks, and no high price tag. If only all equipment decisions were so easy..."

PAT SCHOLES
DIRECTOR OF ENGINEERING
ARDENT STUDIOS



"...One might ask why I chose Hafler, when with the budgets I've had I could have spent thousands more on esoteric amplifiers. The answer is simple. I think for the money spent, these are the finest amplifiers attainable. ...Hafler amplifiers... The Standard..."

PATRICK WEBER
RECORD PLANT, MCA RECORDS,
CAPITOL RECORDS,
PATRICK WEBER ENGINEERING

ROLLS**RA2105/RA2200
Power Amplifier**

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

RA2105 Mfr. List \$360.00

Call For BSW Price

RA2200 Mfr. List \$473.00

Call For BSW Price

SOUNDCRAFTSMAN**A100PRO/A200PRO
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**420
Power Amplifier**

Based on the popular A-220, the model 420 is designed to handle a number of low power applications such as near field monitoring, audio/video reference, paging, multiple headphone amplification and more. It provides 20 watts (RMS) per channel into a 4 or 8 ohm load and can be bridged for 40 watts mono. THD is only .01% at full power output. Features include a front panel headphone jack with a speaker mute switch, a mono/stereo mode switch and a switch to allow the gain controls to operate independently or ganged together.

Mfr. List \$369.00

Call For BSW Price

TASCAM**PA20MKII
Power Amplifier**

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

Mfr. List \$250.00

Call For BSW Price

YAMAHA**P2160
Power Amplifier**

Here's a great medium power amp that is at home as a studio monitor or as power for a small PA system for remotes. The P2160 provides 80 watts of power into 8 ohm in a 2RU size, convection cooled chassis. It offers low distortion performance and protection circuit that kicks in on power up, thermal overload or output short. Signal and clip LEDs are included on the front panel along with the detented, recessed level controls.

Mfr. List \$729.00

Call For BSW Price

Your Problem Solvers

from **ATI**

- Mike
- Line
- Phono
- Mixing
- Matching
- Metering
- Monitoring
- Processing
- Distribution



APHEX



**120A
Distribution Amplifier**

The Model 120A 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.

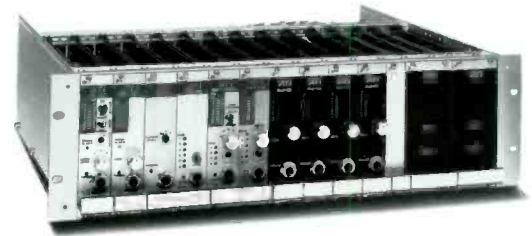
Features include:

- 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 \$1,395.00

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 600 or 100K input termination.

ES246 Mfr. List \$395.00

Call For BSW Price

ES246XLR Mfr. List \$595.00

Call For BSW Price

HENRY ENGINEERING

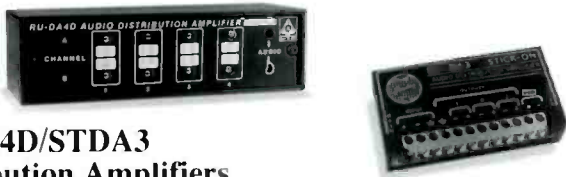


**U.S.D.A.
Distribution Amplifier**

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/STDA3
Distribution Amplifiers**

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

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

RUDA4D Mfr. List \$189.00 **Call For BSW Price**
STDA3 Mfr. List \$104.95 **Call For BSW Price**
PS24A Power Supply \$13.95

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**

RANE**FDA28
Distribution Amplifier**

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

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

WHEATSTONE**SDA82-A/SDA8400
Distribution Amplifiers**

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

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

WHIRLWIND**PRESSPOWER
Powered Pressbox**

Whirlwind's Presspower provides a comprehensive and flexible audio distribution system for press conference situations. 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 levelling 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 Prices



**250
Aural Exciter**

With new features and improved circuitry the model 250 Aural Exciter is the perfect addition to your audio chain. Spectral Phase Refraction and adjustable harmonics mixing can restore the punch and clarity lost in FM processing and add new life to your AM sound. Two modes of noise reduction allow you to actually erase noise from noisy sources. Servo balanced inputs and outputs and RF filtered power make the 250 a natural 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 basic units including multiband AGC with noise reduction, multiband compressor/limiter/EQ, final peak limiter and stereo generator for FM and AM stereo applications. Ask a BSW representative to help you configure the system that best fits your technical and financial requirements.

Pricing Based On Configuration



**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. Audio Signature also provides advanced monitoring/metering, sound memory presets and PC/automation remote control capability.

Mfr. List \$4,995.00

Call For BSW Price



**AMIGO
FM & AM Stereo Processors**

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

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

AMIGO Mfr. List \$3,195.00

Call For BSW Price

AMIGOAM Mfr. List \$3,195.00

Call For BSW Price

Pick up listeners just about anywhere.



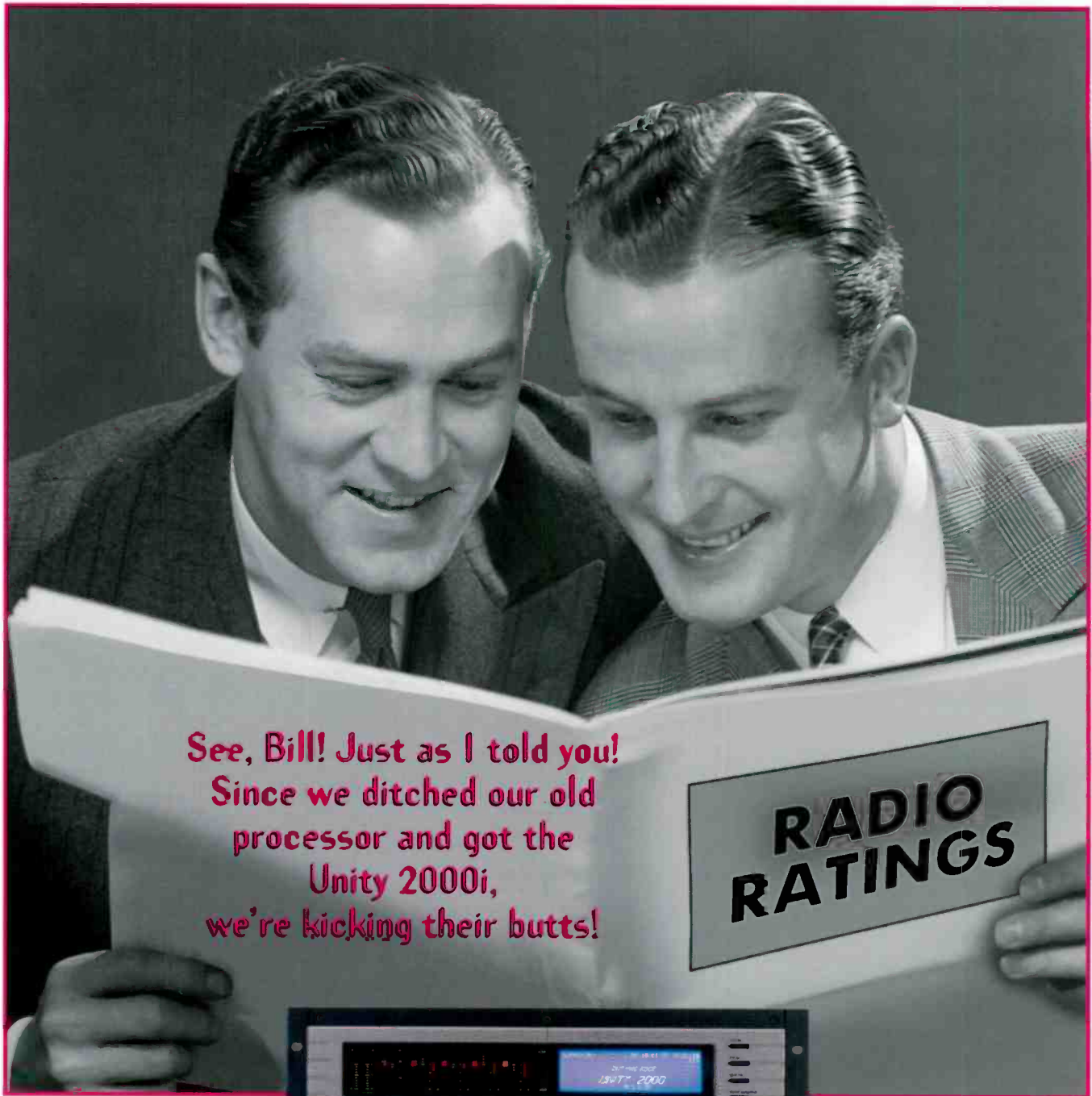
The Apex Air Chain has increased fringe area coverage and reduced multipath distortion for stations around the world. WDRE-FM, a suburban New York City station, is reaching over one million more people. KALW-FM, a San Francisco public station, increased the number of paid subscribers in a fringe area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

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



APHEX
SYSTEMS

Improving the way the world soundsSM



the unity 2000i the world's best sounding FM processor.
Better sound, more listeners, bigger profits. That's what it's all about.



CUTTING EDGE



UNITY 2000I/UNITY AM Audio Processors

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

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

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

Both processors come with Unity Remote Software which enables you to control your processing from nearly anywhere by PC and modem. The software allows you to evaluate and modify your processing while listening in real-world environments.

UNITY2000I Mfr. List \$8,500.00 Call For BSW Price

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



DIVIDEND FM Composite Filter

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

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

Mfr. List \$1,195.00 Call For BSW Price

DBX



168A Dynamics Processor

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

Mfr. List \$999.00

Call For BSW Price

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



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



**Why so many TIGHTFISTED
Penny-pinching
FM stations are willing to dig
deeper for an OPTIMOD.**

Seems everyone has gotten a little tighter, and more savvy, since the recession. To attract and hold a wider audience, stations have learned to invest in what keeps working. Like better programming. And pure digital sound.

With all-digital processing, the OPTIMOD 8200 delivers what no analog

FM processor can: the unmistakable punch and clarity of "the OPTIMOD sound," with the power and flexibility of four built-in



digital processors. So you can tailor your station's sound precisely to your format. Add new sounds simply by adding a new board. And never have to worry about outgrowing, or unloading, a capital investment.

The 8200 frees you to go wherever digital FM goes. While analog boxes only dig you in deeper.

orban[®]

H A Harman International Company

ORBAN



**8200 OPTIMOD™
Digital Audio Processor**

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

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 as a two-band processor for transmitter protection with minimal processing or as a five-band processor for more comprehensive modulation control. It is fully expandable to incorporate future software upgrades and processing structures.

Automatic program switching can be programmed into the internal clock to follow format changes throughout the day or night.

Analog inputs and outputs are electronically balanced (XLR) and two stereo encoder composite outputs are provided (BNC).

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

Optional 8200PC Software used in conjunction with the 8200 provides broadcasters with full control of a station's processing from any location. 8200PC displays all of the 8200's meters and processing controls on a computer screen via modem communications or direct connection. With 8200PC's backup feature, processing and automation changes can be made across an entire broadcasting group. Within a matter of moments, a signature sound can be sent to all member stations quickly and accurately - all from one location. Additional features include archiving of all 8200 settings (presets, automation, I/O calibrations and remote interface settings), real-time processing adjustment, intuitive - logical controls within Windows™ platform, passcode security protection and more.

- 8200/U2S** (Two Band Processing Structure) Mfr. List \$7,400.00
- 8200/U3S** (Five Band Processing Structure) Mfr. List \$10,400.00
- 8200PC** (PC Control Software) Mfr. List \$750.00
- 8200D/32** (Digital I/O Card 32 kHz AES/EBU) Mfr. List \$725.00
- 8200/SRC** (Digital I/O Sample Rate Conversion Card) Mfr. List \$1,550.00

Call For BSW Prices

ORBAN



**8200ST
Optimod Studio Chassis**

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

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



**8100A OPTIMOD™
FM Audio Processor**

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

8100A/U75 Mfr. List \$5,950.00 Call For BSW Price



**9100B OPTIMOD™
AM Audio Processor**

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

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

MODULATION SCIENCES



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 \$2,295.00

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 Prices

MODULATION SCIENCES



STEREMAXX Spatial Enhancer

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

Mfr. List \$2,889.00

Call For BSW Price

ORBAN



222A Spatial Enhancer

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

Mfr. List \$975.00

Call For BSW Price



275A Stereo Synthesizer

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

Mfr. List \$2,400.00

Call For BSW Price

AIR CORP**500PH
Voice Processor**

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

Mfr. List \$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 Prices****CUTTING EDGE****VIP-1
Programmable Voice Processor**

The Cutting Edge VIP-1 mic processor is the perfect answer for stations looking for high quality voice processing that can adapt instantly to a number of different on-air personalities. Calling up a personalized voice setting is as easy as inserting an intelligent chip card and pressing a button. It's that easy! This powerful processor includes the following parameters for custom tailored voice control: high pass filter, de-esser, parametric 3-band EQ, expander, compressor, limiter and switchable input/output metering. Setting up presets is a snap with VIP-1. Just dial in the desired parameters with the jog wheel and push enter.

VIP-1 Mfr. List \$2,195.00**Call For BSW Price****Additional Sound Cards Mfr. List \$18.00 Call For BSW Price****DBX****286
Voice Processor**

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

Mfr. List \$349.00**Call For BSW Price****ORBAN****787A/U
Voice Processor**

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

Mfr. List \$1,450.00**Call For BSW Price****ROLLS****HR11C
Voice Processor**

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

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

SYMETRIX



601 Digital Voice Processor

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

Mfr. List \$1,995.00

Call For BSW Price



528E Voice Processor

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

Mfr. List \$699.00

Call For BSW Price

VALLEY AUDIO



401 Voice Processor

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

Mfr. List \$799.00

Call For BSW Price

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



CS2 Compressor/Limiter/Gate

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

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

Mfr. List \$279.00

Call For BSW Price

DBX



166A Compressor/Limiter/Expander/Gate

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

Mfr. List \$549.00

Call For BSW Price

DBX



**160XT
Compressor/Limiter**

The 160XT delivers outstanding performance and easy to use operational flexibility in a slimline rack mount package. This single channel compressor/limiter offers the choice of Over-Easy® or hard-knee operation, regardless of compression ratio. It also offers infinity and negative compression. Its metering shows gain reduction of the compressed signal compared with either the input or the output level. Balanced inputs. Independent balanced and unbalanced outputs will simultaneously drive their loads up to +24dBu.

Mfr. List \$459.00

Call For BSW Price



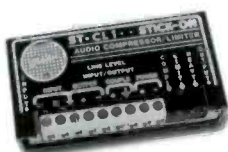
**163X
Compressor/Limiter**

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

Mfr. List \$169.00

Call For BSW Price

RDL



**STCL1/STGCA1/STGCA2
Compressor/Gain Controllers**

These three RDL "Stick-On" products offer quality compression/gain control in ultra compact packaging. The STCL1 is a fully automatic comp./limiter offering positive audio level protection with smooth "inaudible" gain reduction and tight audio peak control. Two units can be strapped for stereo. The STGCA1 is a high performance AGC offering slow "inaudible" gain reduction. STGCA2 provides fast, automatic gain reduction for tighter dynamic control. Units require PS24A external power supply.

STCL1 Mfr. List \$115.95 ea.

STGCA1 or STGCA2 Mfr. List \$98.95 ea.

Call For BSW Prices

PS24A Power Supply \$13.95

RANE



**FSC22
2-Channel/Stereo Compressor Limiter**

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

Mfr. List \$399.00

Call For BSW Price

ROLLS



**RP252
Compressor/Limiter/Gate**

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

Mfr. List \$275.00

Call For BSW Price

SYMETRIX



**488
8-Channel Compressor Interface**

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

Mfr. List \$579.00

Call For BSW Price

SYMETRIX



602 Digital Stereo Processor

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

Mfr. List \$1,995.00

Call For BSW Price



421 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. Two 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

SYMETRIX



501 Compressor/Limiter

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

Mfr. List \$349.00

Call For BSW Price



SX208 Stereo Compressor/Limiter

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

Mfr. List \$299.00

Call For BSW Price

VALLEY AUDIO



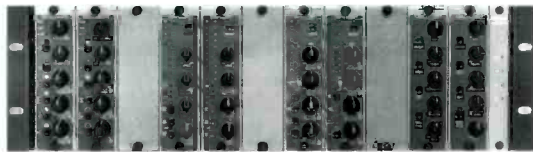
730 Digital Dynamics Processor

The Valley 730 digital processor offers complete dynamic audio control in the digital realm while providing every form of digital and analog interface currently in use, based on the configuration you choose. 99 user presets allow snapshot storage of all I/O and parameter information for instant recall of exact settings. The 730 also features MIDI and RS-232/422 control and the ability to simultaneously select multiple analog and digital I/O protocols.

Mfr. List From \$2,249.00 (based on configuration)

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

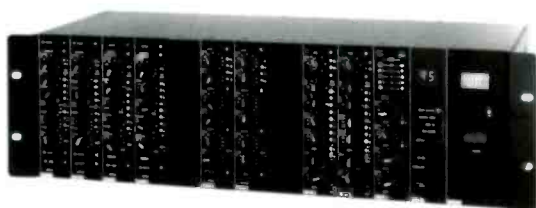


900 SERIES Signal Processing System

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 LED metering, a compressor/expander module with variable detection characteristics and de-essing/noise reduction functions, a 3-band parametric EQ module and a gate module. Optional computer control modules allow RS-232 or MIDI control of level, mute, bypass and metering functions.

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, 60mm 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

DBX



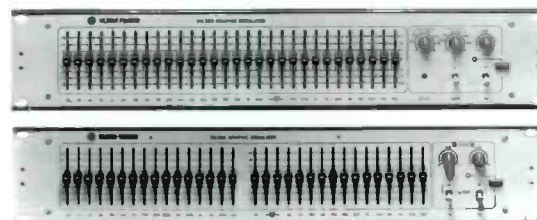
1531X Graphic Equalizer

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 DN300 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 \$1,185.00 Mfr. List

Call For BSW Price

RDL



STEQ3 Equalizer

A 3-band equalizer with the convenience of Radio Design Lab's "Stick-on" packaging. Active EQ filters centered at 80 Hz (low), 1 kHz (mid) and 30 kHz (high) with gain adjustment from "off" to unity and custom tailored audio bandwidth to work effectively in a wide variety of applications. Requires PS24A power supply.

STEQ3 Mfr. List \$73.95 Call For BSW Price
PS24A Power Supply \$13.95

RANE



GE30/GE60 Graphic Equalizers

For precise equalization with uncompromised audio quality, choose the Rane GE30 single channel 1/3 octave or GE60 stereo 1/3 octave EQs. Both of these top-of-the-line EQs feature constant bandwidth (Q) interpolating filters for precise control with reduced ripple and interaction. Both units also feature adjustable low and high pass filters. The GE30 has long 60mm faders, adds the ability to switch between boost/cut or cut-only modes and features barrier strip or XLR balanced connections and a choice of active or transformer-balanced outputs. The GE60 features two rows of 45mm faders in a 3RU chassis with XLR, 1/4" or barrier strip balanced inputs and outputs.

GE30 Mfr. List \$749.00 Call For BSW Price
GE60 Mfr. List \$849.00 Call For BSW Price



FPE13/FME15 Equalizers

The FPE13 is a three band parametric equalizer. Each of the three independent filters can cover the entire audio spectrum with an amplitude range from -20 to +15 dB and bandwidth adjustment from .03 to 2 octaves.

The FME15 is a single channel, 15 band graphic EQ with interpolating, constant-Q filters for precise EQ settings. It features switchable range for ± 6 or ± 12 dB filter adjustment. A great EQ for remotes or tight quarters.

Optional hardware available for rack mounting.
FPE13 Mfr. List \$299.00 Call For BSW Price
FME15 Mfr. List \$299.00 Call For BSW Price

ROLLS



REQ215 Graphic Equalizer

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

Mfr. List \$250.00 Call For BSW Price

SYMETRIX



SX201 Parametric Equalizer

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

Mfr. List \$279.00 Call For BSW Price

YAMAHA



Q2031A Graphic Equalizer

For maximum equalization control in a compact (2RU) package choose the Yamaha Q2031A. This stereo 31 band equalizer offers 6 or 12 dB of boost or cut on each band with points centered at ISO 1/3 octave frequencies. Each channel features an adjustable high-pass filter and peak LED for level setting. An automatic muting circuit mutes output for 3 to 5 seconds after power is switched on to help protect speaker systems. Inputs and outputs are balanced XLR or unbalanced 1/4" phone jack.

Mfr. List \$729.00 Call For BSW Price

ALESIS**QUADRAVERB PLUS
Stereo Effects Processor**

The Alesis QuadraVerb has become the standard in the recording and music industry for simultaneous digital effects. Extremely powerful, excellent audio quality, yet simple to use - the QuadraVerb Plus offers four or more simultaneous effects. Effects include reverbs, delays, flanging, pitch change, parametric and graphic EQ, programmable panning and 1.5 seconds of sampling. QuadraVerb Plus also features one of the most comprehensive MIDI implementations ever created for a digital signal processor. 20 kHz bandwidth and super quiet. You can't lose with QuadraVerb Plus.

Mfr. List \$549.00**Call For BSW Price****MIDIVERBIII
Digital Effects Processor**

If you want to exercise more control over your digital effects, but your budget puts limits on your overall system plans, then the MidiverbIII simultaneous digital effects processor is for you. It features a comprehensive editing system that lets you program your own effects and control them with real time MIDI for powerful, personalized mixes, just the way you want them. There are 100 great factory presets including reverbs, delays, chorus, flanging and adjustable lowpass filtering - all with the dense, rich sound associated with Alesis. 100 memory slots are provided to store your own programs. Up to four simultaneous effects are available with 15 kHz bandwidth.

Mfr. List \$349.00**Call For BSW Price****MICROVERBIII
Digital Reverb/Delay**

If you need quality reverb and delay but don't want to hassle with your own programming, then choose the MicroverbIII. Simply dial in one of the 256 great factory settings for reverbs, delays, spatial enhancement and special effects. If a program is too bright or dark, the front panel 100 Hz and 4 kHz EQ controls allow custom contouring of each program. 16 bit audio quality, no-brainer operation and low price in a single rack space - the MicroverbIII

Mfr. List \$249.00**Call For BSW Price****ART****FXR/FXR ELITE
2 Channel Effects Processors**

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 \$249.00**Call For BSW Price****FXR ELITE Mfr. List \$329.00****Call For BSW Price****RXR ELITE
Digital Reverb Processor**

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

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

Mfr. List \$349.00**Call For BSW Price****MR1
Digital Reverb**

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

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

DBX



290 Reverb Processor

The dbx 290 is a true stereo in/out dedicated reverb effect processor. It contains the highest quality professional reverbs controlled by the world's simplest user interface. A user's manual is included, but chances are it will never get used. With the switch of a button simply choose one of several different reverb types including: Hall, Chamber, Cathedral, Room, Plate and Gated Reverb. Then select the reverb's basic size, color and decay time - that's it. The 290 also sports a S/N ratio of greater than 90 dB with a digital noise reduction circuit that pushes the noise floor even lower when no signal is present. 1/4" balanced inputs and outputs assure that the 290 will fit into any system, whether it be live or in the studio.

Mfr. List \$379.00

Call For BSW Price

DIGITECH



TSR24/TSR12 Stereo Effects Processors

DigiTech's S-Disc™ technology gives the TSR-24 unparalleled processing power. It enables you to select effects and stack them in any order that you choose. No other processor at any price offers this unique function. This fully configurable, expandable system (optional CPU and RAM expansion) is true stereo with multiple input/output routing configurations. It can also act as two independent mono processors, maintaining 24-bit signal path with 48-bit internal data resolution for stunning effects. Features include multiple dynamic effects capability, continuous MIDI control on all parameters and much, much more.

The TSR-12 has all of the great effects of the TSR24, but is not expandable and does not allow you to write your own algorithms for effect combinations.

TSR24 Mfr. List \$799.95

Call For BSW Price

TSR12 Mfr. List \$499.95

Call For BSW Price



DSP16 Stereo Effects Processor

The DSP16 is an easy to use, inexpensive 16-bit stereo effects processor that contains 128 MIDI changeable programs. Effects include reverbs, delays, special effects, doubling and echo. A front panel three band EQ is provided to tailor the sound. Input, output and mix controls are also included. Bandwidth is 20 Hz to 16 kHz with 90dB S/N ratio and less than .08% THD. With the help of effect breakdown printed on the front and a large search dial, locating sounds is a snap.

Mfr. List \$299.95

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 Prices

EVENTIDE



H3000 SERIES Broadcast Ultra-Harmonizers

Eventide's Ultra-Harmonizers have become a benchmark for how broadcast audio effects processors should sound and operate. In addition to offering natural sounding reverbs, delays, pitch control etc. the Broadcast Ultra-harmonizers allow broadcasters the ability to create special effects and character voices quickly, at the push of a button.

The top end of the broadcast line is the H3500BDFX and it offers the latest Mod Factory DFX algorithms featuring ambience, reverbs, special effects and full bandwidth, glitch-free pitch shifting. In addition, it offers 11.7 seconds stereo (H3500BDFX) or 47.5 seconds stereo (H3500BDFX/E) sampling time (double the time for mono).

The H3000B+ is the newest version of the famous H3000B, including all of the same effects and time compression with the addition of algorithms for gating, compression and ducking.

For those not needing the variable-speed tape machine control included in the B+, there is the H3000B/LT lite version at reduced price.

H3000B/LT

Mfr. List \$2,495.00

H3000BPLUS

Mfr. List \$2,995.00

H3500BDFX

Mfr. List \$3,995.00

H3500BDFX/E

Mfr. List \$4,995.00

Call For BSW Prices

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 \$1,790.00

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 \$1,149.00

Call For BSW Price

APHEX**104
Type C² Aural Exciter**

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

Mfr. List \$349.00

Call For BSW Price

BBE**862
Sonic Maximizer**

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

Mfr. List \$599.00

Call For BSW Price

BEYER**VITALIZER
Psychoacoustic Equalizer**

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

CLASSIC VITALIZER Mfr. List \$1,499.00

STEREO VITALIZER Mfr. List \$1,199.00

Call For BSW Prices

DBX**296
Spectral Enhancer**

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

Mfr. List \$349.00

Call For BSW Price

CRL



DX2 Noise Reduction

The DX2 incorporates 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. 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.

RS² 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 \$425.00

Encode Card Mfr. List \$395.00

Decode Card (Dolby and Phase Correction) Mfr. List \$395.00

Phase Correction Card Mfr. List \$395.00

Call For BSW Prices

SABINE

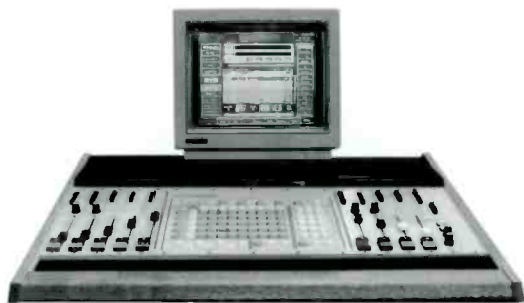


FBX901/FBX1802 Feedback Reduction

The FBX901 and FBX1802 Feedback Exterminators from Sabine are DSP controlled filtering devices which automatically find and eliminate feedback. Designed primarily for use in sound systems, these units are 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. The single channel FBX901 features the most up-to-date detection circuitry and special filter lock allowing you to set how deep automatic correction filtering will be. The FBX1802 is a dual channel unit that adds the option of selecting how many filters will be employed per channel (up to 9) and how many will be fixed versus auto ranging, as well as the ability to adjust filter widths. In either case, once initial settings are made, operation is automatic and worry free.

FBX901 Mfr. List \$649.95 **Call For BSW Price**

FBX1802 Mfr. List \$1,299.95 **Call For BSW Price**

ARRAKIS**GEMINI
On-Air Console Workstation**

If you are in the market for audio consoles for a new installation or to upgrade existing facilities, there is a new concept in console design you should consider -- Gemini by Arrakis Systems. This ground-breaking product integrates a digital workstation with the familiar audio console to create an easy to use, yet incredibly powerful studio console for high velocity on air radio. Gemini combines (1) the analog console for control of mics, phones, remotes, etc. with (2) a digital workstation that can play 3 files at once, record a network feed, and receive a new spot from the workstation in another studio... all at the same time, plus (3) a video switcher for control of up to six workstations such as transmitter remote control, traffic, news service and more. This fusion of a familiar format with new technology obsoletes analog consoles and stand alone workstations alike. Contact BSW today for more information on this remarkable new product, or if you own one of the 1,000+ Arrakis Digilink workstations sold, ask us how you can upgrade to a Gemini system today.

Call For Information And Pricing

**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 buses

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

AEQ



BC500 Audio Console

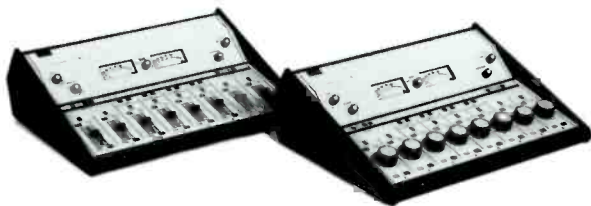
Now you can have the flexibility of a modular console at a very affordable price with the AEQ BC-500. The BC-500 not only gives you the ability to configure its layout however you like with up to 15 input modules, it also features some very advanced features for a console of its price range. Input modules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

Example Mfr. List Price \$4,730.00

(Standard configuration with 4 mono mic/line, 6 stereo and 1 telephone module)

Call For Price And Configuration

ATI



VANGUARD SERIES Audio Consoles

Vanguard Series Consoles offer superior performance and long term reliability with low initial cost and minimum maintenance. These consoles feature long-life membrane that replace conventional, trouble-prone push-button and lever key switches, VCA control of audio and a tough polycarbonate overlay. Other features include built-in cue amp and speaker, programmable muting for each input, three-input headphone and monitor selectors and 2 mic preamps standard.

BC6DSL/R (6 Linear or Rotary Faders, 12 Inputs) Mfr. List \$3,095.00

BC8DSL/R (8 Linear or Rotary Faders, 12 Inputs) Mfr. List \$3,595.00

BC12DSL (12 Linear Faders, 24 Stereo Inputs) Mfr. List \$5,195.00

Call For BSW Prices

AUTOGRAM



R/TV20 Audio Console

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

R/TV20

Mfr. List \$13,451.00

R/TV12 (Not Shown)

Mfr. List \$11,153.00

Call For BSW Prices



PACEMAKER SERIES Audio Consoles

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

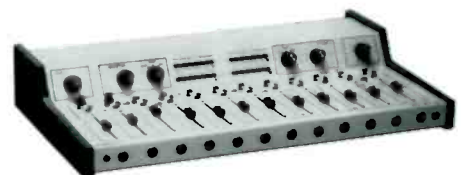
618 Mfr. List \$5,221.00

648 Mfr. List \$6,790.00

828 Mfr. List \$6,365.00

1032 Mfr. List \$7,527.00

Call For BSW Prices



MINI-MIX SERIES Audio Console

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

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

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

AUDIOARTS



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 \$4,999.00

Call For BSW Price

A50-12 Mfr. List \$7,299.00

Call For BSW Price

A50-18 Mfr. List \$9,969.00

Call For BSW Price

R60 12ch \$6695 (5700)



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.

R-10 (Ten Channel) Mfr. List \$3,895.00

Call For BSW Price

R10/6 (Six Channel) Mfr. List \$2,695.00

Call For BSW Price

BROADCAST ELECTRONICS



MIX TRAK 90 Audio Console

The Mix Trak 90 from Broadcast Electronics is a modular console, available in 12 and 18 channel mainframes, and can be fitted with the exact type and number of input modules you desire. Audio performance is superb with typical signal to noise better than 85 dB below nominal output level with THD at less than .05%.

Features include P&G linear faders, automatic source sequencer, VCA controlled audio, silent Hall Effect module switching, "Monitor Dim" function, balanced patch points, independent program and audition metering, three mix-minus busses, separate music and speech program busses and many additional options.

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.

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

Price Based On Configuration



SERIES 250A/150A Audio Consoles

BE's 150A and 250A Series consoles feature two inputs per channel, separate monitor, headphone and cue channels, and front panel polycarbonate overlay.

The 250A Series consoles are available in 5, 8 and 12 channel models and include ladder-type step attenuators with cue detent, and roller-cam key switches. The 150 Series features durable, sealed potentiometers with detent for cue in 5 and 8 channel models.

Call For Pricing And Configuration



Dan's Mom's Top 10 Reasons* to Buy a Radio Systems Console

10. The best possible console to mount an RS-Series copy stand on.
9. Order waterproofing option "RS-WP2" to use your console as the perfect companion to your shower radio.
8. Console front panel lifter tool doubles as a melon baller.
7. If enough consoles aren't sold, Mr. Penny, and his brother, Mr. Giles, are scheduled to star in the next Radio Systems' console ad.
6. Costs so little you may not have to run any more "Hooked on Phonics" spots.
5. Sure to offer more features than Sony's new "My First Console" model.
4. Comes with a "NO CONSOLE" sticker to post on your windshield when doing remotes in bad neighborhoods.
3. Features phony "13th fader" so your program director can think that he's adjusting levels.
2. If he sells enough consoles, Dan can afford to get married and settle down (he's not getting younger you know).
1. DNA tests confirm that no RS-Series console was anywhere near the Nicole Simpson murder scene.

* Actually, there are hundreds of other technical and performance reasons why RS-Series consoles are right for your station. Call today to learn why Radio Systems consoles are your best broadcast value.

RADIO SYSTEMS INC.

Call BSW today for "Such - A - Deal" on RS-Series Consoles

FIDELIPAC



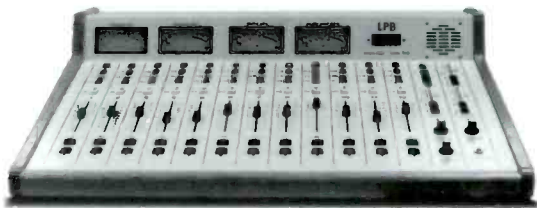
MX SERIES Audio Console

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

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

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

LPB



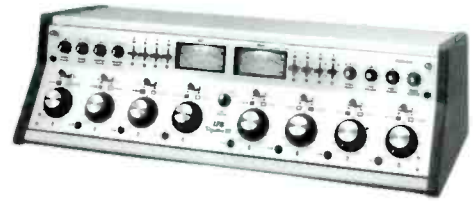
7000 SERIES Audio Consoles

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 Prices

LPB



SIGNATURE III SERIES Audio Consoles

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

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

RADIO SYSTEMS



RS SERIES Audio Consoles

RS Series consoles from Radio Systems are designed and built with outstanding durability and dozens of features you can really use. Installation, performance and serviceability were considered and implemented early in the design of the RS Series consoles to provide a product that users would be impressed with throughout its service life. Four models are available: 6, 12, 18, or 24 channels.

Look at the exceptional array of standard features:

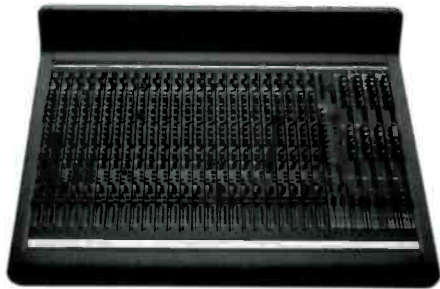
2 inputs per channel, Program, Audition, Mono outputs, full DC Control, Penny and Giles faders, VU metering of Program, Audition and Mono busses with peak LED indicators, event timer with automatic and manual modes, full remote control, superb audio specifications, mic, line, consumer level on any input, mid-stage channel patch points, complete monitor and talkback section, internal cue and headphone amps, 2 year warranty.

But the standard features are only the beginning. Radio Systems has a full compliment of options to customize each console to your application. Items like copy stands, input selectors, distribution amps, remote interface modules, color-coded fader knobs, custom engraved switch caps, even pre-made source cables and harnesses. You name it, Radio Systems can usually do it.

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 Prices

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 \$7,999.00**Call For BSW Price**

Available in North America only

AUDIOARTS**MR-40
Audio Console**

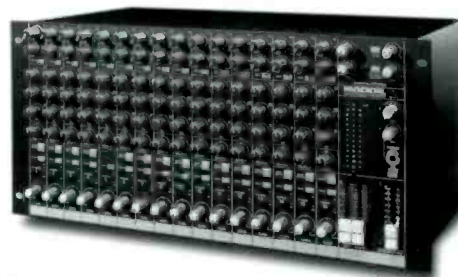
Multi-track production doesn't have to be complicated. The AUDIOARTS MR-40 has just the features many stations are looking for: 4-Track bus assign for your tape recorder or digital workstation; program assign so you can transfer direct to your 2-track or go right on-air. It has machine starts/stops just 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 \$9,995.00**Call For BSW Price****MACKIE DESIGNS****8•BUS
Audio Console**

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

16•8 16 Channel	Mfr. List	\$3,195.00
24•8 24 Channel	Mfr. List	\$3,995.00
32•8 32 Channel	Mfr. List	\$4,995.00
24•E 24 Channel expander	Mfr. List	\$2,995.00
MB•16 Meter bridge	Mfr. List	\$695.00
MB•24 Meter bridge	Mfr. List	\$795.00
MB•32 Meter bridge	Mfr. List	\$895.00
MB•E Meter bridge	Mfr. List	\$695.00
SC•8 Sidecar	Mfr. List	\$295.00
ST16•8, 24•8, 32•8 & 24•E Stands	Mfr. List	\$295.00/ea.

Call For BSW Prices**LM3204
Audio Mixer**

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

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

WHY BUY A 16-CH. MIXER WHEN YOU CAN HAVE A 16/32/48-CH. EXPANDABLE AND MIDI AUTOMATABLE MIXING SYSTEM?



AUTOMATE IT: \$49 Add MIDI fader/mute control of inputs, AUX returns and



ALT 3/4 bus. Works with dozens of popular

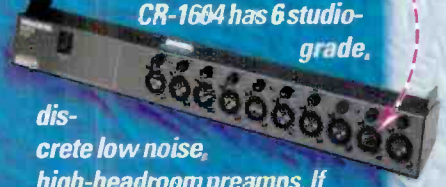
PC, Mac and Atari sequencers. Installs in any existing CR-1604 mixer or available built-in.

COMBINE IT: \$229 Create a 32 or 48-ch. console with our Mixer Mixer active combiner.



FADE IT: \$75 Adjust master gain of up to 3 CR-1604s with our 100mm remote fader.

EXPAND IT: \$199 Instead of 16 cheap microphone preamps, the CR-1604 has 6 studio-grade,



discrete low noise, high-headroom preamps. If you need more, just add our XLR10 and get another 10. All 16 will have incredible specs (-129.5 dBm E.I.N., 0.005% THD, 300K bandwidth) and performance so good that Neumann and AKG use CR-1604/XLR10 combinations to demo their most expensive microphones[†].

ROTATE IT: \$25 Not shown: The RotoPod bracket. It rotates the CR-1604's jack panel onto the same plane as the mixer's controls. Cool huh?

Six AUX sends per channel, 3-band EQ as musically useful points, stereo solo in-place, constant power pan pots and extra ALT 3/4 stereo bus.

Sealed rotary potentiometers resist dust & liquid.

UnityPlus gain structure has 20dB more gain above unity for set-and-forget headroom and better-than-compact-disc dynamic range.

CONNECT IT: \$69* Our CordPack (the bundles above the MixerMixer at left) contains 36 mono and 3 stereo low-oxygen, high fiber cables — everything you need to connect three CR-1604s & a MixerMixer. Best cable value on earth.

Two CR-1604s give you 20-32 line inputs, 12 mic inputs, 8 stereo effects returns, 16 direct outs & 2 stereo or 4 mono submasters. This is the set-up that remix wizard **Bonzai Jim Caruso** uses to produce top-charted dance mixes for Madonna, George Michael & many others[†].

Three CR-1604s give you 30-48 line inputs, 18 mic inputs, 12 stereo effects returns, 24 direct outs & 3 stereo or 6 mono submasters. A favorite configuration of LA "power-user" film and TV scorers (often with OTTO-1604 MIDI automation) for incidental and theme music on programs such as "The Simpsons," "Baywatch" & "Days of Our Lives."[†]

[†]Mention indicates use by Friends of Mackie endorsee, NOT specific endorsement by the artist, program, manufacturer or production company mentioned. An impressive list of famous Mackie users is included with your kit when you call toll-free.

+12VAC BNC lamp connector.

The CR-1604 (*1099*) is the only compact mixer that can grow along with your budget & recording or live performance needs.

Built-in power supply.



Exclusive multi-way physical configuration: Just 7 rack spaces with input/output pod to back; 16 rack spaces as shown; 10 rack spaces when "RotoPodded."

4 stereo (8 mono) effects returns with plenty of gain (+15dB above Unity where other mixers stop).

Individual channel signal metering via Solo lets you initially set levels via trim controls, then forget 'em thanks to forgiving UnityPlus gain structure.

While we make a world-class 8-Bus recording console, Greg wanted us to point out just how nice a match the CR-1604 is with 8-track digital recorders. Use Channels 1-8 to feed your 8-track via post-EQ/post-fader Channel Access jacks; run the tape outputs into Channels 9-16 (split monitoring). Works great. Costs less. Expands as you get more ADAT's or DA-88s or Fostex's or whatever.

[†]Suggested retail price. Price is slightly higher in Canada. Price anywhere may vary by the phase of the moon or the price of cattle futures.

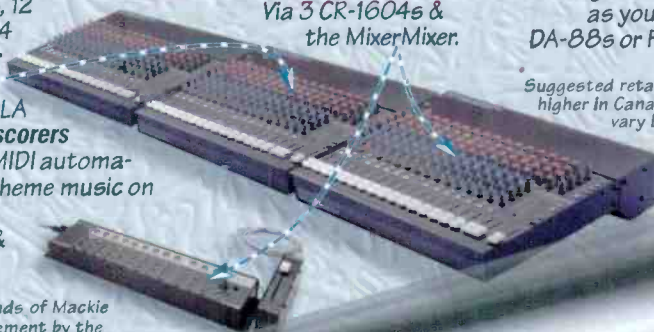
Solid steel main chassis.

32 CHANNELS! Via a 2nd CR-1604 & the MixerMixer.



Optional 100mm Remote Fader.

48 CHANNELS! Via 3 CR-1604s & the MixerMixer.



MACKIE.

Call BSW For Pricing And Options On The Mackie CR-1604

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 top or back (standard) or forward with the **RotoPod** rack option. CR1604 features include: 6-studio grade mic preamps (16 with optional **XLR10** bolt-on mic input expander), 3-band EQ on every channel, 7 AUX sends per channel (up to 4 simultaneously), 4 stereo effects returns, stereo in-place solo, dual function channel mute, twice the headroom of conventional designs, and a three year limited warranty.

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

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	Mfr. List \$1,099.00
ROTOPOD	Mfr. List \$25.00
XLR10	Mfr. List \$199.00
MIXERMIXER	Mfr. List \$229.00
OTTO1604	Mfr. List \$849.00

Call For BSW Prices

BROADCAST TOOLS



CCII Console Controller

Make your Mackie even better for broadcast with the Broadcast Tools Console Controller II (CCII). CCII provides mic channel on/off switching for three mic channels with monitor mute function and control of a warning light relay. It also provides program/off-air monitor switching and monitor level control. Installation utilizes simple insert cables with no modification to the mixer.

Mfr. List \$299.00

Call For BSW Price

MACKIE DESIGNS



MC-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	Mfr. List \$399.00
DUMBOEARS Rack Ears	Mfr. List \$12.00
Call For BSW Prices	
KEB22 Nylon carrying bag	BSW Price \$25.95

SOUNDCRAFT



DELTA SERIES Audio Consoles

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

Call For Pricing And Configuration

SPIRIT**SPIRIT FOLIO/FOLIO RAC PAC
Audio Console**

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

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

RW1450 (10 Channel)	Mfr. List \$549.95
RW1454 (12 Channel)	Mfr. List \$699.95
RW1461 (12 Channel Rack Mt.)	Mfr. List \$699.95
RW5141 (14 Channel - 4-buss Rack Mt.)	Mfr. List \$1,099.00

Call For BSW Prices

**FOLIO LITE (RW5157)
Audio mixer**

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

Mfr. List \$369.00

Call For BSW Price

TASCAM**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 include, 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**

**M2600 SERIES
Audio Consoles**

Tascam has succeeded in designing an affordable console series focused specifically on the recording process, with features found only in the biggest recording studios - introducing the Tascam M2600 Series. Available in 16, 24 and 32 channel versions, the M2600 Series was designed to meet the sonic demands of digital recording, starting with newly designed, high-headroom, ultra-low noise mic preamps and switchable direct outs on each channel that give the shortest signal route to tape without having to repatch from group to direct out jacks. Add 8 simultaneous AUX sends, 8 groups, an independent stereo cue bus, 6 stereo returns assignable to group, stereo and cue busses, 4-band EQ with mid/low sweep and the ability to double the number of inputs on mixdown, and you have one serious recording console at a pretty amazing price.

M2600/16 Mfr. List \$2,999.00

Call For BSW Price

M2600/24 Mfr. List \$3,789.00

Call For BSW Price

M2600/32 Mfr. List \$4,699.00

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 \$1,249.00

M1516 Mfr. List \$1,849.00

Call For BSW Price

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

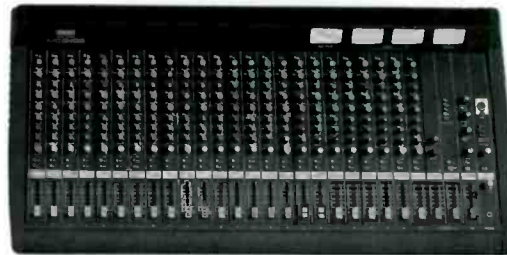
Call For BSW Price

**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 \$3,359.00

MC1604II Mfr. List \$3,899.00

MC2404II Mfr. List \$4,799.00

MC3204II Mfr. List \$5,999.00

Call For BSW Price

Call For BSW Price

Call For BSW Price

Call For BSW Price

**PROMIX01
Digital Audio Mixer**

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

Mfr. List \$1,999.00

Call For BSW Price

AEQ**MP10
Remote Console**

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

Mfr. List \$1,450.00**Call For BSW Price****TLE02
Mixer/Extender/Hybrid**

The new TLE-02 from AEQ combines a digital frequency extender, digital hybrid and mic/line mixer in a compact unit about the size of a small tape recorder. It offers outstanding audio quality for remotes with its built-in digital frequency extender. Its mixer section features a mic/line input and an AUX. input for source equipment or an additional mic mixer. A front panel telephone key pad is included with pulse and tone operation. An internal digital hybrid allows cues to be sent to the talent without causing any disturbance in the program. Caller audio can also be sent to the talent for remote talk show situations. Power is supplied by AC transformer or 8 AA size batteries for approximately 2 hours of operation time. Durable nylon carrying case is included. Two units (send/receive) required for frequency extended mode. (Not Comrex Compatible)

Mfr. List \$1,130.00**Call For BSW Price****ATI****MX100/XP100
Utility Mixer/Expander**

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

MX100XLR Mfr. List \$325.00**Call For BSW Price****XP100XLR Mfr. List \$259.00****Call For BSW Price****BROADCAST TOOLS****8X1 MIXER
Programmable Mixer**

The 8x1 stereo programmable mixer features 8 electronically balanced stereo inputs and one stereo output. Front panel switches allow any or all of the stereo inputs to be mixed to the stereo output. The mixer may be internally routed to sum all inputs to mono. Standard half rack chassis with wire captive terminal strip connections.

Mfr. List \$399.00**Call For BSW Price****COMREX****STLX
Remote Consoles**

The STLX console is a completely self-contained remote broadcast package. It incorporates a two line Frequency Extender encoder with noise suppression that provides more natural sounding audio for your remotes. The encoder is fully compatible with Gentner's 2XR and 3XR.1 extender decoders (decoder necessary for complete system). STLX features four mixing channels (2 mic/line), built-in telephone interface, custom monitor mix with station talkback available on each of the 4 headphone outs, feeds dial or dedicated circuits, AGC and AUX IN and out.

Mfr. List \$7,750.00**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 \$2,995.00**Call For BSW Price**

ELECTRO-VOICE



ELX1A Remote Mixer

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

Mfr. List \$639.00

Call For BSW Price

HENRY ENGINEERING



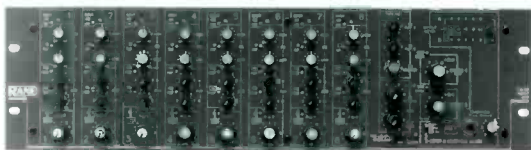
MICROMIXER Utility Mixer

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

Mfr. List \$195.00

Call For BSW Price

RANE



CM86 Compact Mixer

This 8-channel mixer provides unusual flexibility and features in a very compact (3RU) chassis. Each input channel features separate mic and line connectors with a selector switch, individually switchable phantom power, input overload indicators on the front and rear of the unit, rear panel trim control, switchable, two-band shelving type EQ, insert points and two switchable pre/post fader AUX sends. Each input is assignable to master output A, B, or both with separate level controls for each. All inputs and outputs are balanced XLR and barrier strip, except for a separate stereo tape input utilizing RCA connectors.

Mfr. List \$1,399.00

Call For BSW Price

RANE

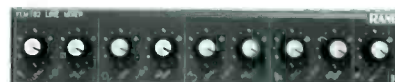


SM26B Splitter/Mixer

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

Mfr. List \$379.00

Call For BSW Price



FLM82 Line Mixer

The half rack sized FLM82 has 8 line level (balanced or unbalanced) inputs with separate controls for each input. Mono/stereo output switch allows configuring as 4 stereo inputs to one stereo out, or 8 mono inputs to a mono output. Pre/post AUX sends allow for a second independent mix.

Mfr. List \$399.00

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 \$189.00

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 \$565.00

M268 (Simplified version of M267)

Mfr. List \$350.00

Call For BSW Prices

SHURE**M367
Microphone Mixer**

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

Mfr. List \$795.00**Call For BSW Price****FP410
Automatic Microphone Mixer**

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

Mfr. List \$1,650.00**Call For BSW Price****FP32A
Microphone Mixer**

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

Mfr. List \$1,795.00**Call For BSW Price****TELFAX****GX440
Remote Mixers**

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

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

GX440**Mfr. List \$1,250.00****190007 Padded nylon case****Mfr. List \$100.00****190401 Batteries set of 6****Mfr. List \$20.00****190206 Hard plastic case****Mfr. List \$30.00****Call For BSW Prices****ZERCOM****MAX-Z/MAX-ZII
Remote Mixers**

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

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

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

APHEX



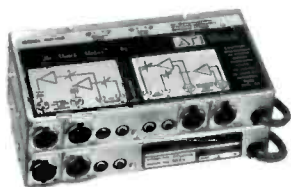
124A Interface Amplifier

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

Mfr. List \$229.00

Call For BSW Price

ATI



INTERFACE AMPLIFIERS

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

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

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

DP100	Mfr. List \$269.00
MM100	Mfr. List \$299.00
BI100	Mfr. List \$225.00
BU400	Mfr. List \$210.00
UB400	Mfr. List \$230.00
WA100-1	Mfr. List \$12.50

Call For BSW Prices

DBX



1024 Buffer Amplifier

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

Mfr. List \$239.00

Call For BSW Price

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.



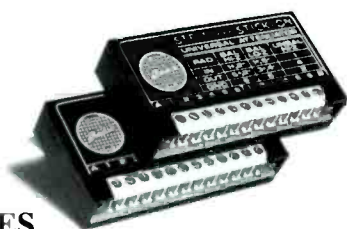
CD100X Interface Amplifier

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

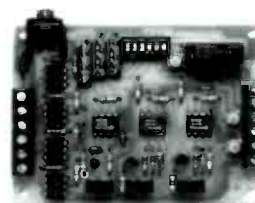
Model	Description	Mfr. List
STA1	Electronic Transformer, Dual Channel	\$112.95
STA1M	Audio Line Amp (mono)	\$82.95
STAMC3	Active Mic Combiner	\$94.95
STPA2	2 Watt Utility Power Amplifier	\$52.95
STPA6	6 Watt Audio Power Amplifier	\$72.95
STACR1/ACR2	Audio Controlled Silence Sense Relays	\$74.95
STDA3	Distribution Amplifier, Mono	\$104.95
STCL1	Mono/Stereo Compressor/Limiter	\$115.95
STEQ3	3 Band Equalizer	\$73.95
STGCA1	Gain Control Amplifiers	\$98.95
STGCA2	Fast Gain Control Amplifiers	\$98.95
RLC1	Remote Level Control	\$49.95
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
STM3	Microphone Preamp, High gain	\$125.95
STMDA3	Mic-Level Distribution Amplifier	\$104.95
STMPA2	Mic Phantom Adaptor	\$68.95
STMX3	Line Level Mixer	\$94.95
STMLX3	Mic/Line Level Mixer	\$99.95
STMMX3	Mic Level Mixer	\$104.95
STOSC2A	1 kHz/10 kHz Oscillator	\$74.95
STOSC2B	100 Hz/400 Hz Oscillator	\$81.95
STPH1	Stereo Phono Preamplifier	\$104.95
STRG1	Ramp Generator	\$85.95
STSH1	Stereo Headphone Amplifier	\$94.95
STSSR1	Solid State Audio Relay	\$81.95
STSX4	4 Input Audio Switcher	\$69.95
STVCA1	Voltage Controlled Amplifier	\$93.95
STVOX1	Audio VOX Relay	\$79.95
STVP1	Voice-Over/Page Module	\$104.95
PS24A	24 volt Power Supply For All Active Units* <small>*Power Supplies Must be ordered separately</small>	\$13.95

PASSIVE STICK-ONS

STD150, 600, or STD10K	Divider/Combiner Network, Four Channel (150, 600, or 10k ohms)	\$38.95 ea.
STP1	Variable Attenuator, Two Channel	\$43.95

Call For BSW Discounted Prices
Rack Mount Options Available

BDI



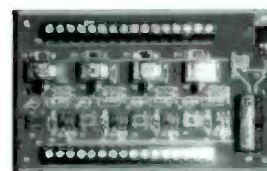
UNI200 Universal Relay

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 \$250.00

Call For BSW Price

360 SYSTEMS



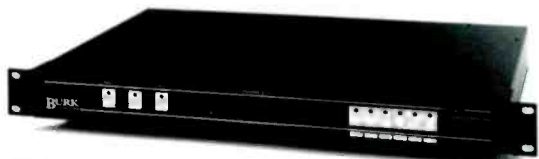
AM16B Audio Routing Switcher

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

Mfr. List \$1,495.00

Call For BSW Price

BURK TECHNOLOGY



LX1 Stereo Selector

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

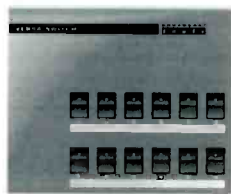
Mfr. List \$1,295.00

Call For BSW Price

BROADCAST TOOLS



6X1



VersaSwitch

6x1 Stereo Routing Switcher

The 6x1 stereo router is passive balanced and may be used as a 6x1 or 1x6 audio routing switcher. LEDs display which of the six electronically interlocked front panel switches have been selected.

Mfr. List \$399.00

Call For BSW Price

VERSASWITCH Utility Switch Panel

Versa Switch provides two rows of six front panel switches that allow remote switching of any kind of equipment needing a normally open dry contact closure. LEDs display the active status of the associated equipment connected to the VersaSwitch.

Mfr. List \$249.00

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 \$659.00

SMI25P (5-station interface)

Mfr. List \$179.00

SMI2P (2-station interface kit)

Mfr. List \$119.00

Call For BSW Prices

CONEX



UM33 Cue And Monitor Amplifier/Switcher

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

Mfr. List \$550.00

Call For BSW Price



AS101 Audio Routing Switcher

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

AS101

Mfr. List \$895.00

AS401 Remote Control

Mfr. List \$150.00

Call For BSW Prices

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



STEREO SWITCH Stereo Switcher

StereoSwitch a cost effective way to remotely select between 3 stereo sources. It utilizes sealed relays with gold-plated contacts, with no circuitry in the audio path, providing totally transparent source selection. It can be controlled with any momentary or maintained contact closure, open collector, TTL/CMOS logic, or DC voltage from 5-24 volts. User can select which of the three inputs is automatically selected on power-up. Tally outputs are also provided to drive remote status indicators.

Mfr List \$250.00

Call For BSW Price

Z-SYSTEMS



Z8.8 Digital Audio Switcher

Z-Systems offers you a way to route your digital audio without leaving the digital domain. The Z-8.8 is an 8x8 crosspoint switcher/DA for AES/EBU digital audio. Each of the 8 outputs has a switch which maps a selected input to that output, allowing for arbitrary input-to-output mappings. Both input side and output side are available with either 110 transformer-isolated XLR connectors, 75 BNC connectors, or TOSLINK optical connectors. Input and output configurations can be mixed. Active switching with high current drive provides for long-distance transmission. Non-volatile memory hold switch settings between power-downs.

Mfr. List \$950.00

Call For BSW Price

ADC



PRO PATCH MARK II Patchbays

Pro Patch Mark II patchbays feature 48 TRS Longframe jack points and are available in 1 and 2 rack-height versions. The fully enclosed Pro Patch chassis protects all the internal patchbay wiring. Front panel and rear panels remove easily for service without removing the unit from the rack. Pro Patch features ADC's Ultra Patch termination panels with QCP connectors that provide a "gas tight" connection that will not deteriorate over time.

Call BSW For Price And Configuration



BJF SERIES Patchbays

The best features of the Pro Patch Series are incorporated into the BJF Series of patchbays. Front and back panels are separated with a cable harness in between. Standard cable harness length is 4' but any custom length can be ordered.

Call BSW For Price And Configuration



P-KIT SERIES Patch Kits

These money saving kits have many of the features of the pre-assembled patch bays, but in a package designed specifically for the do-it-yourselfer. Simply add your own cable and termination panel.

P-KIT1 Mfr. List \$198.00

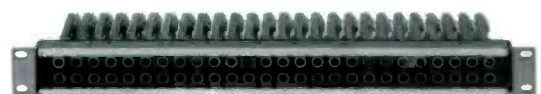
Call For BSW Price

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



PJ390 Jack Panel

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

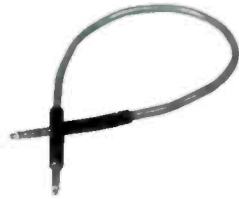
Mfr. List \$184.86

Call For BSW Price

ADC



Long Frame 1/4"



Bantam

PRO PATCH CORDS

Engineered for broadcasters where flawless performance is critical. ADC Pro Patch Cords are highly flexible, 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	\$20.90 ea.	\$21.80 ea.	\$22.50 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	\$18.80 ea.	\$19.20 ea.	\$19.85 ea.

Call For Details On Complete Selection Of All
ADC Patchcords

DBX



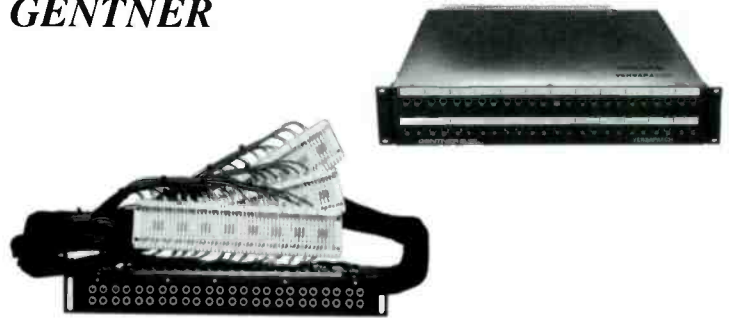
PB48 Patchbay

Here's a flexible patchbay with 48 1/4" TRS connections (front and back panels) in a single rack space chassis. The PB48 utilizes high-quality TRS jacks with pure nickel-silver self-cleaning contacts for longer life and lower noise. Unique modular design allows easy configuration of each patch pair for normalled or non-normalled operation.

Mfr. List \$179.00

Call For BSW Price

GENTNER

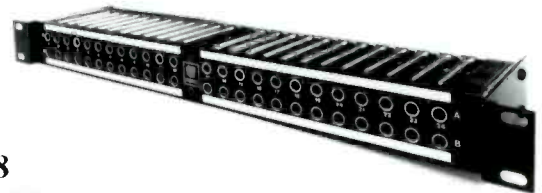


VERSAPATCH and PRE-WIRED SERIES Patch Systems

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

PROCO



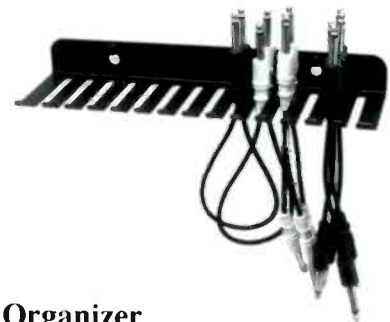
PM148 Patchbay

The PM148 is a single rack space, 48 point patch bay. 1/4" unbalanced jacks are provided on the front and back panels for easy installation. The unique Selectpatch™ switch allows fast and easy user modification of the systems signal flow. Simply set the switch to determine whether a pair of jacks is full-normalled, half-normalled, parallel or open.

Mfr. List \$375.00

Call For BSW Price

RAXXESS



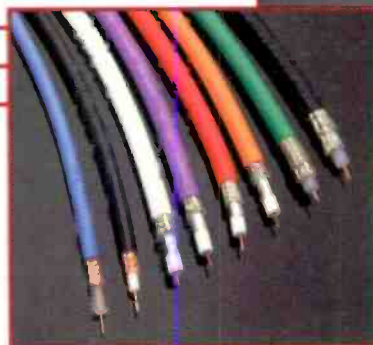
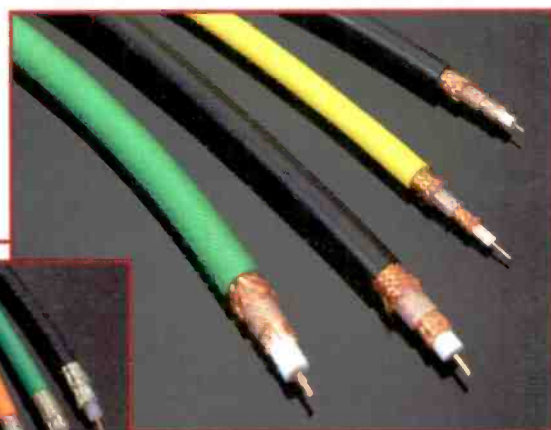
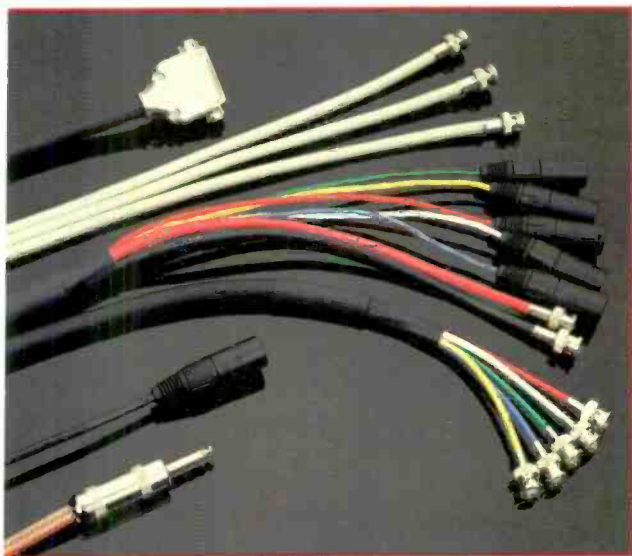
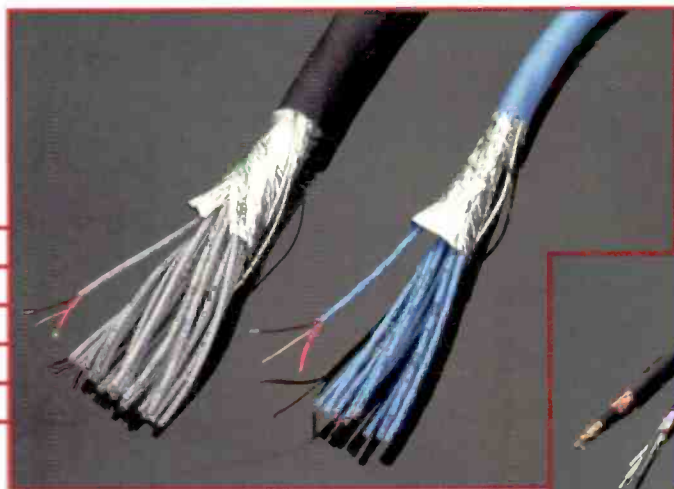
CBLD Patch Cable Organizer

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.

BSW Price \$12.95

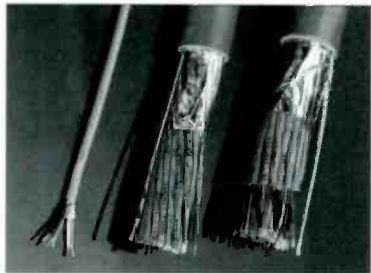
Audio, Video & Broadcast Cables

Cable products designed, developed, and proven for professional use.



GEPCO INTERNATIONAL

GEPCO



Audio/Video Cable

BSW is now a stocking distributor for Gepco cable. Gepco's cable is the finest quality, meeting or exceeding specs of virtually any cable available to radio broadcasters with very competitive prices.

In addition to excellent audio performance, Gepco's audio cables offer some great features that add to ease of installation. For instance the 618 Series of audio cables that BSW stocks, comes in single, and various multi-pair versions. The 61801 and D61801 single pair and dual pair, 22 Gauge cable with drain are available in standard and EZ versions in a variety of colors. EZ style cables are made with the foil shield bonded to the inside of the outer jacket. When the outer jacket is stripped off, the shield comes with it, making for quicker, cleaner installation. All multi-pair versions feature individual numbering on each pair, every inch along the cable in an alternating pattern for immediate identification.

BSW also stocks the VPM2000 video cable with double, 100% shielding. Also available from Gepco are microphone, speaker, coaxial and composite audio/video cables as well as custom fabricated cables and assemblies.

Call With Your Cable Requirements

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

Multi-Channel Cables

Hosa offers inexpensive multi channel cables specifically designed for the Alesis ADAT, the Fostex RD-8 and Tascam DA88 digital multi-track recorders. Available in various lengths from 10 to 24 feet with 1/4" or XLR pigtails to the respective multi-pin connector.

Call For BSW Pricing

HOSA

Here are a few of Hosa's more popular patch cables and adapters. Catalog of full product line available on request.

Single Audio Cables

- 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

- 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**

PANDUIT

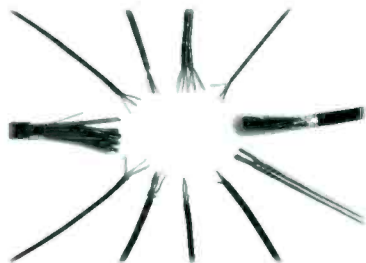


Wiring Duct

Width: 2 inches, Height: 2 inches, Length: 6 feet. Includes cover.

BSW Price \$38.95

BELDEN
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 Belden, Gepco, Proco, West Penn Wire and Whirlwind and stock many common items. Please call us with your requirements.

Call For BSW Pricing

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 the dual DAT transport model, the VR240 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. 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.

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

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.
VP244 Play only unit	Mfr. List \$5,995.00

Call For BSW Prices

EVENTIDE



VR204 Digital Audio Logger

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

VR204 Mfr. List \$7,495.00

Call For BSW Price

VP204 Mfr. List \$6,295.00

Call For BSW Price

RCS



TRACKER Digital Audio Logger

The TRACKER is an easy to use, computer based, 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. Four different compression levels are selectable for audio quality required/vs total time storage needed. 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 and SCSI-DAT drive.

Base Systems From \$12,000.00 Mfr. List.

Call For BSW Pricing And Configuration

GORMAN - REDLICH



CEB EBS Monitor

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

Features:

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

Mfr. List \$540.00

Call For BSW Price



CRW Weather Alert Monitor

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

Mfr. List \$540.00

Call For BSW Price



OFF SITE RECEIVER Portable Off-Site EBS Monitor

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

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

OFFSITERCV Receiver/Decoder Mfr. List \$350.00

OFFSITECDBOX Decoder only Mfr. List \$250.00

Call For BSW Prices

MTS



3000C EBS/Weather Monitor

System 3000C incorporates three monitor receivers, and an EBS encoder/decoder into a single rackspace unit. System 3000A can monitor your areas CPCS1, CPCS2, and the local NOAA weather service. Or it can monitor your CPCS1, CPCS2, and an adjacent area CPCS1. 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



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 \$899.95

Call For BSW Price

TFT



886/887 EBS Monitor

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

886 Mfr. List \$2,150.00

Call For BSW Price

887 Mfr. List \$2,075.00

Call For BSW Price

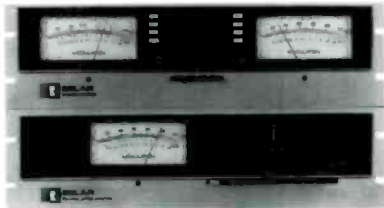
BELAR



**FMMA1 WIZARD™
Digital FM Modulation Analyzer**

The Wizard is a microprocessor controlled, digital modulation monitor/analyzer, available in FM and AM models that precisely measures peak modulation, peaks per minute, average peak modulation, modulation density and more. The Wizard Software (included with the Wizard) and an IBM-compatible computer enable real-time graphing, logging and remote operation. The FMSA1 combines with the FMMA1 baseband unit to offer stereo monitoring.

- FMMA1 Mfr. List \$3,300.00** **Call For BSW Price**
- FMSA1 Mfr. List \$3,900.00** **Call For BSW Price**
- AMMA-1 Mfr. List \$3,300.00** **Call For BSW Price**



FMM2

FMS2

AMM2B



RFA4



**FM/AM SERIES
Modulation/Frequency Monitoring Products**

For years Belar has been making precision modulation monitoring products and established a reputation that makes their name synonymous with reliability. Belar makes a model and options to fit every application.

Below is a list of the major products available for your reference. Please call BSW for more information on specifications and options available for all these trustworthy products.

- FMM2 FM Precision Modulation Monitor** **Mfr. List \$1,790.00**
- FMS2 FM Stereo Modulation Monitor** **Mfr. List \$2,050.00**
- FMM4A FM Digital Frequency Monitor** **Mfr. List \$1,590.00**
- SCM2 SCA Modulation Monitor** **Mfr. List \$2,050.00**
- RFA4 Frequency Agile FM RF Amplifier** **Mfr. List \$1,190.00**
- RFA1A Fixed Frequency FM RF Amplifier** **Mfr. List \$850.00**
- AMM2B AM Modulation Monitor** **Mfr. List \$1,590.00**
- AMM3 AM Modulation Monitor** **Mfr. List \$1,790.00**
- AMM4 AM Digital Frequency Monitor** **Mfr. List \$1,390.00**
- RFA2 AM RF Amplifier (specify frequency)** **Mfr. List \$790.00**

Call For BSW Prices

DELTA



**SM-1
AM Splatter Monitor**

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

- SM-1** **Mfr. List \$3,485.00**
- AWA1 Active Whip Antenna** **Mfr. List \$615.00**

Call For BSW Prices

INOVONICS



**530-00
FM Modulation Analyzer**

The Inovonics model 530-00 allows precise measurement of FM broadcast carrier modulation. Clear displays are given for total modulation as well as left/right program channel and pilot/subcarrier injection levels. The tunable laboratory grade FM receiver has 8 station presets so you can accurately monitor the competition. Additional features include alarms for insufficient signal strength or excessive multipath, three measurement ranges plus a peak flasher, a user definable output port for remote control and a front panel program monitor headphone jack.

- Mfr. List \$2,200.00** **Call For BSW Price**

MODULATION SCIENCES



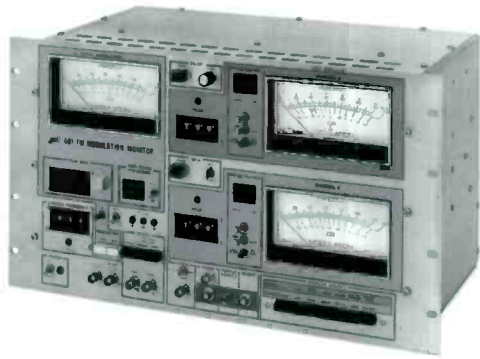
**MODMINDER
FM Modulation Monitor**

Increase modulation with less processing, and still stay within FCC limits. ModMinder™ gives you more accurate measurement of modulation in accordance with the most recent FCC standard. FM ModMinder™ registers only those longer "events" that the FCC really cares about. The end result is you may be able to boost your modulation up to 3 dB depending on the type of processing you use. ModMinder™ works with any stereo-capable demodulator or can be purchased with an internal demodulator.

- FMMM1 ModMinder** **Mfr. List \$2,395.00**
- FMMM2 ModMinder W/Demodulator** **Mfr. List \$3,090.00**

Call For BSW Prices

QEI

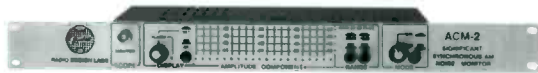


**691/01
FM Modulation Monitor/Test Set**

The 691/01 is a highly technical, precision instrument employing a combination of test techniques in a versatile, but very compact package. It was designed to be a complete FM test package with facilities for all proof of performance measurements and a wide range of trouble-shooting tests. Operator convenience and simplicity of use were primary considerations in the design of the 691/01. 18 tests can be performed in addition to measuring FM and SCA modulation when used with an oscilloscope.

Mfr. List \$6,875.00 Call For BSW Price

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

BROADCAST ELECTRONICS



**AIR SENTRY II
Audio Signal Monitor**

The Air Sentry II 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 II 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



**923
AM Modulation Monitor**

The TFT Model 923 AM modulation monitor is a precision broadband demodulator which permits extremely accurate proof-of-performance measurements for an AM transmitter and for monitoring modulation level of an off-air broadcast signal when used in conjunction with the optional RF preselector. Multiple meters display positive and negative modulation simultaneously. The right meter can be switched to measure SNR or frequency response.

923 AM modulation monitor Mfr. List \$1,075.00
71004250 RF preselector option Mfr. List \$765.00

Call For BSW Prices



**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 844. 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

CRL**SC100
RDS Encoder**

The SC100 generates RDS signals and (optionally) SCA signals through 100% digital subcarrier generation. The SC100 allows you to easily enter static data from its front panel to begin taking advantage of RDS right away. With the built-in RS232/Modem interface you can move on to dynamic data entry from your PC or laptop. The PC software is easy to understand, yet offers powerful operating features. Optional SCA generator with two expansion slots available.

Mfr. List \$3,395.00

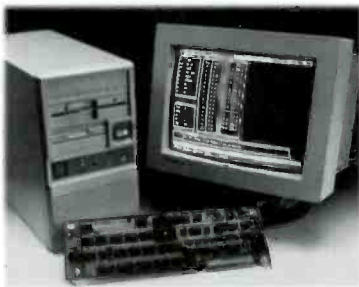
Call For BSW Price

INOVONICS**710
RDS Encoder**

The 710 is a very easy to use RDS encoder which requires neither a host computer nor user programming. As many as 15 separate "frames" or complete sets of IDs, flags and messages are held in the 710's nonvolatile memory. With a touch of a button or by remote command, you select the data frame(s) to be broadcast. All desired combinations of RDS data are stored in an easily-updated EPROM with supporting software supplied. Simply connect the 710 to an IBM-compatible PC for more advanced, dynamic operation.

Mfr. List \$995.00

Call For BSW Price

MODULATION SCIENCES**RDS1
RDS Encoder**

The RDS-1 consists of a plug-in IBM-compatible circuit board and software that interfaces directly to the SCA input of your exciter. RDS-1 allows you to go on the air with RDS quickly and easily, with all "standard" functions - transmit your call letters, format code, traffic announcements, Radiotext and more. Then, when you're ready, you can send title and artist information for the music you play, advertiser phone numbers while you're airing their spots, unlimited length Radiotext messages, even time & temperature. RDS-1's included software supports it all.

Mfr. List \$1,750.00

Call For BSW Price

CARVER**PSC60
AM/FM Tuner Preamp**

A single rack space AM/FM tuner/preamp with 20 station presets, front panel headphone jack and monitor select switches for 2 tape machines, turntable and 3 other line level sources.

Mfr. List \$629.95

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. Auto answer and auto hang up for unattended operation.

Mfr. List \$689.95

Call For BSW Price

DENON**TU650RDS
AM/FM/RDS Tuner**

This tuner features high sensitivity, high S/N ratio, low distortion and wide/narrow IF Bandwidth selection (FM) as well as RDS 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**RS78
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 \$215.00

Call For BSW Price

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

AUTOPILOT Automatic Transmitter Control Software

AutoPilot computer software makes automatic operation of a studio/transmitter facility a dream come true. With modes defined by the user, the program will take corrective action when needed. AutoPilot can reduce down time and operator errors, while providing better records to show FCC compliance. AutoPilot runs on a 286 PC and is designed for use with the ARC-16 containing the computer interface option.

Mfr. List \$595.00

Call For BSW Price



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

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 \$2,995.00

BSW System Prices Based On Configuration

MOSELEY**MRC1620
Remote Control System**

The MRC1620 system consists of a remote terminal that allows an optional control terminal or IBM PC with TaskMaster20 software to monitor and control a remote facility from both dedicated and/or dial-up control points. The MRC1620 remote terminal comes equipped with 32 relay isolated command outputs (16 raise/ 16 lower), 16 TTL status inputs and 16 analog metering inputs with the required terminal connectors.

The remote and control terminals are simple to operate and easy to understand. All status channels are simultaneously displayed on a set of 16 LEDs. The front panel displays read-outs of selected channel number and telemetry data. LEDs indicate operation mode, alarms and other system parameters. During alarm conditions, intelligent automatic corrective action can be taken by the remote terminal under the direction of the TaskMaster20. The remote terminal comes equipped with the appropriate modems to communicate over dedicated circuits (STL/ TSL/ FMSCA, 2/4 wired leased lines or standard dial-up lines).

MRC1620 Remote Terminal	Mfr. List \$3,450.00
MRC1620 Control Terminal	Mfr. List \$1,550.00
TASKMASTER20 Software	Mfr. List \$595.00

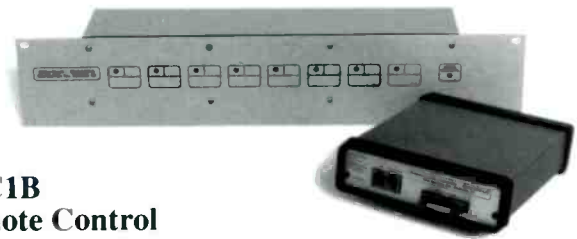
Call For BSW Prices

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 Prices

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.

The companion CR10D rack mounted receiver features a built-in sub-audible tone decoder with relay, test meter, squelch relay, optional DC operation, special noise reduction circuit and more.

Single or dual frequency systems are available.

RPT30 Mfr. List \$1,710.00 Call For BSW Price

CR10D Mfr. List \$1,310.00 Call For BSW Price

MOSELEY



RPL4000 SERIES 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 features three balanced, adjustable inputs, selectable audio bandwidths from 5-15 kHz and noise reduction companding. The 4020 receiver has excellent adjacent channel rejection and selectivity, a must for crowded market areas.

RPL4010/4020 Mfr. List \$5,900.00 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. Features: two programmable frequencies, adjustable RF output power, selectable frequency deviation and receiver bandwidth, and DTMF control of receiver activation, bandwidth and deviation selection.

8888/8889 Mfr. List \$4,840.00 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 10 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). 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 \$2,995.00 Call For BSW Price

AIRLINK128 Mfr. List \$3,295.00 Call For BSW Price

AIRLINK256 Mfr. List \$3,695.00 Call For BSW Price

QEI

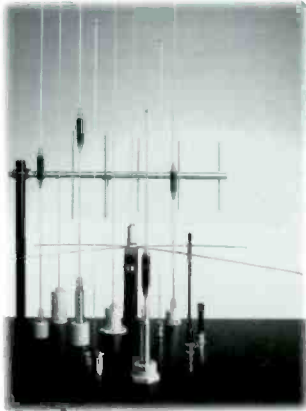


QUICK-LINK Digital Stereo RPU System

The QEI QUICK-LINK is a real time, non-compressed, stereo digital system that conveys 15 kHz stereo audio utilizing direct sequence spread-spectrum RF technology. This technology allows transmission of an extremely robust signal in the 915 MHz band without interfering with existing STL transmissions. Ten front panel selectable codes and the fact that the FCC doesn't require licensing for transmission make the QUICK-LINK perfect for demanding RPU applications, even in crowded market places.

Transmitter and receiver house all of the associated encoding and decoding, XLR audio interface and RF sections. QUICK-LINK can utilize any 950 MHz antennas for reception and transmission. An optional portable transmit antenna is also available.

Mfr. List \$5,495.00 Call For BSW Price

LARSEN**Antennas**

Larsen has a large selection of antennas available for both mobile and fixed applications.

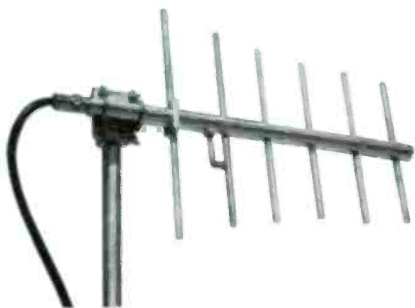
Call Us With Your Specific Requirements

SCALA**CA7-460
Yagi Antenna**

The CA7-460 is a seven-element yagi designed for high performance and long-term reliability even under severe environmental conditions. Its broadband design makes it particularly suitable for systems requiring frequency agility within a specified band. Two standard models cover the 406-420 MHz and 450-470 MHz bands. Custom models are available for other portions of the 200-500 MHz spectrum. Impedance is 50 ohms, gain is 10 dB (over dipole), and input power rating is 100 watts.

Mfr. List \$200.00

Call For BSW Price

MARTI**YC SERIES
Yagi Antennas**

These yagis are available in fixed frequencies ranging from 152.08 to 455.99 to cover any RPU application. The antennas have 5 or 6 elements depending on the frequency, and have a gain of 9 dB.

YC SERIES (All Models)

Mfr. List \$175.00

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 \$1,340.00

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 \$7,000.00 Call For BSW Price

STL10/R10 Mono System

Mfr. List \$3,320.00 Call For BSW Price

MOSELEY



**DSP6000
Digital STL Encoder/Decoder**

Your key to an STL system that can pass CD quality audio is the DSP6000. This digital encode/decode system is designed to be used with Moseley PCL6000 or PCL606 Series STLs. It provides a 90 dB SNR with only .01% distortion and can operate in existing channel allocations from 100 to 500 kHz, coexisting with established analog radios. Look at the advantages of having digital: Signal-to-noise ratio of 90 dB with .01% distortion, higher system gain (up to 25 dB over analog STLs), constant SNR - unaffected by fades, no crosstalk, no degradation with multiple hops.

The standard system comes equipped with an encoder and decoder for two (right and left) audio channels and one data channel with provisions for up to two auxiliary program channels and one additional data channel.

Basic System Starts At \$5,990.00 Mfr. List Complete Digital STL Packages Available Prices Based On Configuration

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.

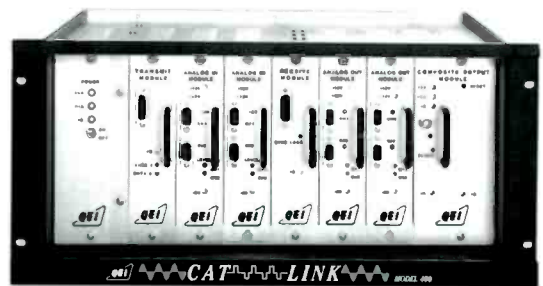
Which system is right for you? If you have no adjacent channel interference, the PCL 6020 will offer superior performance. The PCL 6030 is designed for hostile RF environments where maximum selectivity and adjacent channel rejection are required. The PCL6060 goes even further to operate in congested 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

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. Call BSW for more information.

Prices Based On Configuration



Clearly Digital.

Moseley's DSP 6000 Digital Transmission System...
the clear solution to your STL problems is now a reality.

- ▼ Convey up to four 15 kHz audio channels with CD quality specifications over a single STL.
 - ▼ 25 dB system gain improvement over analog STLs reduces new antenna & transmission line costs.
 - ▼ Fade and co-channel intermod problems have no effect on SNR, so even quiet passages remain crystal clear and noise free.
 - ▼ AES/EBU digital I/O allows direct digital interface to other digital hardware.
 - ▼ Interface to any composite STL, preserving the capital investment of your existing STLs.
 - ▼ Low coding delay of 3.8 ms keeps the air talent happy.
 - ▼ A built-in V.35/RS-422 interface opens the door for utilizing the DSP 6000 with Fractional T1 digital Telco circuits.
- To learn more about the digital transmission advantage, call today for our free color brochure.*

Moseley

THE BETTER DIGITAL STL SYSTEM

MORE PERFORMANCE



FOR LESS EXPENSE

Digital technology is revolutionizing and improving our lives daily, and Studio-to-Transmitter Links are no different. If superior audio quality is important to your listeners, TFT's DMM92 Digital STL is your choice.

Superior Audio

The STL doesn't have to be the weakest link in your programming chain. With the TFT DMM92, digital quality of 0.05% THD, 85 dB SNR and stereo separation is transmitted faithfully from studio to transmitter. As more digital studio and transmitter equipment becomes available, the TFT DMM92 is ready thanks to built-in AES/EBU inputs/outputs.

Six Channel Capacity

Now two or more stations can operate from the same studio, using the DMM92/ TFT 9100 STL. The system can deliver four 15 kHz program channels and two voice/data channels to multiple sites. Plus, its spectral efficiency permits operation of analog FM subcarriers *well within the FCC legal limits.*

Choice of Audio Compression

With a decision on an audio compression standard in flux, the TFT DMM92 doesn't force an irrevocable choice. It accommodates changes when new encoding algorithms are available.

Better Price Value

DMM92 audio quality, spectral efficiency and flexibility make life easier for programmers, engineers and for owners is the most economical digital STL solution today.



DMM92E, 9100Tx, 9107Rx,
DMM92D and Digital STL Primer (available upon request.)

TFT INC Sound Quality for over 20 years

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 \$6,150.00 Mfr. List
Call For BSW Pricing And Configuration**


**8910 RECITER
STL Receiver/FM Exciter**

The Reciter™ is a single unit that combines the function of an STL receiver and an FM exciter with an Intermediate Frequency (IF) interface between them. 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


**9100A/9107A
Composite STL System**

TFT's highest quality analog STL. Transmitter features: 0.02% THD, 85 dB SNR, 55 dB stereo separation, 5-year warranty, CD quality audio when used in conjunction with TFT's Reciter. AC or DC operation ($\pm 12V$, $\pm 24V$, $\pm 48V$). Receiver features: 0.05% THD, 80dB SNR, 50 dB stereo separation, high interference immunity without phase distortion, 5-year warranty, built-in receiver switchover.

**9100A Mfr. List \$3,725.00 Call For BSW Price
9107A 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/7707
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**

ANDREW



GRIDPAK Grid Antennas

Andrew GRIDPAK and Mini GRIDPAK antennas are high-performance, low-windload grids which reduce transportation costs because they are shipped totally disassembled in a light-weight flat package.

Price Based On Size And Configuration
Call For BSW Prices

MARK



Grid Antennas

Mark grid antennas are very lightweight and durable made of 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

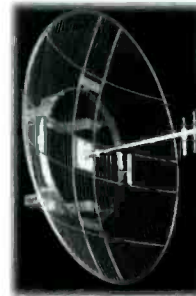


SSH9A72GN Super Short Haul Antenna

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 \$985.00 **Call For BSW Price**

MARTI



SC48 Parabolic Antenna

This low cost, 4' antenna is broadband for the 940 to 960 MHz aural STL band and is category B rated in vertical and horizontal planes. Gain at 950 MHz 21.05 dBi, 1/2 power beam width 16 degrees, max. input power 100 watts.

Mfr. List \$825.00 **Call For BSW Price**

SCALA



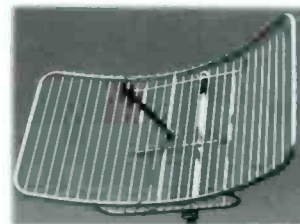
Grid Parabolic Antennas

BSW now offers a full line of grid parabolic antennas from Scala for applications within the 940-960 MHz range. Dish sizes from 48" to 144".

Call For BSW Pricing And Configuration



MF960



PR950

PR SERIES Paraflector® Antennas

Widely used for point-to-point STL links, telemetry, and UHF-TV, the PR Series Paraflector® offers rugged construction for reliable long-term service, even in severe environmental conditions. Universal mounting bracket allows for easy horizontal or vertical mounting. Specify frequency when ordering. UPS shippable.

For short hops where a full-sized grid or parabolic is not necessary the MF960 Miniflector® is a rugged, economical way to fulfill your antenna needs.

PR950 Mfr. List \$630.00 **Call For BSW Price**
MF960 Mfr. List \$320.00 **Call For BSW Price**

BROADCAST ELECTRONICS**C SERIES
FM Solid State Transmitters**

Broadcast Electronic's line of solid state FM transmitters incorporate the latest in solid state RF technology. They are ruggedly built for trouble free operation and long life with outstanding audio performance and efficient design. And, as with all Broadcast Electronics' RF products, each is backed by 24-hour factory service, 365 days a year.

The FM-100C, FM500-C and FM-1C are compact, rack mountable units that are easy to install offering 100 watts, 500 watts and 1000 watts of output power respectively. The broadband FX50 exciter is at the heart of these transmitters to assure you of the finest audio transmission. Additional features include completely broadband RF amplifier requiring no tuning or adjustment, front panel replaceable RF module, automatic return to air after AC failure and 2 year warranty.

Reliable, rugged and compact, the FM2C (2kW) and FM3C (3kW) are the latest additions to BE's FM line. Both models employ the FM-100C 100 watt Exciter. Their complete solid state circuitry provides years of dependability, and front removable amplifiers provide a higher level of convenience. Additional features include redundant RF modules, redundant power supplies, remote control interface, zero warm-up time and easy to read LED displays.

Call For BSW Pricing

***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 Tube 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 B Series FM Transmitters are available in power levels starting at 5kW on up to 35kW.

Call For BSW Pricing

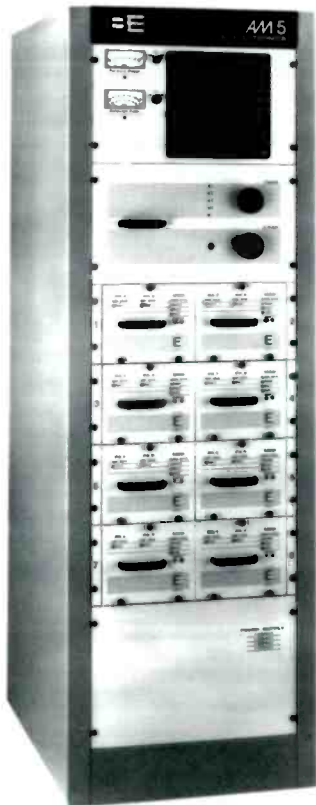
**FX50
FM Exciter**

The FX50 Exciter is powerful and very clean with performance specifications that rival CD players, and 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 include 50 watt MOSFET output power to drive the largest transmitter or act as a stand-alone 50 watt FM transmitter, THD and IMD less than 0.003% typical for true CD sound, unmatched 93 dB S/N typical for widest dynamic range, advanced linear modulated oscillator for unparalleled performance, computer optimized phase locked loop greatly improves low frequency response and completely broadband, transparent performance.

Mfr. List \$6,295.00

Call For BSW Price

BROADCAST ELECTRONICS



AM SERIES AM Solid State Transmitters

BE solid state AM Transmitters offer the latest in RF and switching power supply technology and are available in 500 watt, 1kW, 2.5kW, 5kW and 10kW models. All Broadcast Electronics' AM transmitters incorporate C-QUAM AM stereo, eliminating the need for the additional cost of an external exciter and field installation. In addition they contain the patented, high efficiency Class E power modules that actually lower your electricity bills. These modules are front panel accessible with "plug-in" design unique to all BE AM transmitters.

Other notable features in the BE solid state AM transmitters are a "Star" combiner network that provides for uninterrupted operation, with minimal power reduction, without the use of dummy modules, an exclusive VSWR detection and foldback circuit that reduces carrier interruptions and built-in output matching network. All models feature rugged single cabinet construction that complies with IEC-215 safety requirements. AM5 and AM10 model transmitters are available in single and three phase versions.

Call For BSW Pricing

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

QEI



QUANTUM Solid State FM Transmitters

QEI's new Quantum Series of FM broadcast transmitters are totally solid state and provide an unsurpassed broadcast signal with utmost efficiency. Everything you need, including QEI's new 300 watt exciter, is housed in a single cabinet. All Quantum transmitters under 6 kW fit in a cabinet only 59" high, facilitating air freight shipping and easy installation. Only the Quantum allows you to buy precisely the amount of power you need between 1.2 and 9.6 kilowatts in 600 watt increments. QEI's exclusive cable-less, solid state power combiner eliminates all trouble prone connections and high loss cabling. A single phase power supply facilitates installation for a broad range of applications.

Call For BSW Pricing



300E High Power FM Exciter

The model 300E establishes a new level of FM exciter performance with the advantage of high power emergency back-up. QEI took the field-proven design of the model 695 exciter and incorporated a high power 300 watt FET amplifier. The 300E is the exciter used in QEI's Quantum line of solid state transmitters. Right out of the box, the 300E can act as a standby FM transmitter or will fit into virtually any transmitter in use as the perfect upgrade for older systems. Features: Frequency synthesized in 100 kHz increments (10 kHz optional), phase locked, "on-carrier" direct FM, unconditionally stable solid state amplifier, ultra low distortion, crosstalk and noise, "VSWR proof" and only 5 1/4" (3 RU) high.

Mfr. List \$6,995.00

Call For BSW Price

QEI



**FMQ SERIES
FM Tube Transmitters**

QEI's FMQ Series FM broadcast transmitters share unique design elements and are conservatively designed for years of trouble-free service. Available in 3.5, 5, 10, 20 and 30 kW models, these transmitters utilize an inherent broadband design to provide a superb broadcast signal. The FMQ power amplifiers utilize a single triode in grounded grid service. This grounded grid triode design offers inherently greater stability, better performance and is less critical in operation than its tetrode counterparts since it requires no neutralization or additional energy consuming power supplies. QEI's 675B exciter is supplied with the FMQ Series transmitters standard and optionally with the model 695 exciter.

Call For BSW Pricing

***QEI Transmitters Not Available from BSW In the following States: WA, OR, ID, MT, UT, NV, AK, (Northern) CA**



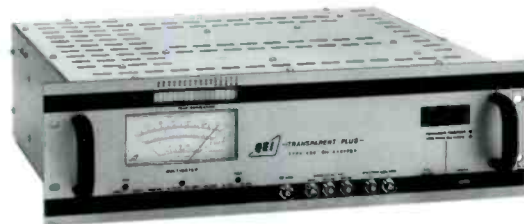
**FM AUTOMOD
Composite AGC**

Automod should not be mistaken for a piece of "audio processing" gear as it is completely transparent and will not color your "sound signature". Automod was designed to take your main composite audio signal and keep its broadcast output level at your stations predetermined maximum modulation limit. This maximum modulation limit is derived from the peak detector on your choice of modulation monitors and therefore, your choice of peak detection algorithms. By the flick of a switch on your modulation monitor you can raise or lower your modulation points instantly with no twiddling of knobs or time consuming adjusting of STL input and output levels.

Mfr. List \$1,295.00

Call For BSW Price

QEI



**695
FM Exciter**

The 695 is an advanced technology FM exciter with outstanding features, performance and audio quality. Modulation metering and peak counter are built-in the front panel. QEI's "Automod" (Automatic Modulation Control) circuitry will maintain an optimum modulation level in spite of variations that may occur in the studio equipment or STL. The 695 will operate with any stereo generator or 3 SCA inputs as well as a 600-ohm balanced line for mono signals. RF frequency is selectable and may be changed easily in the field without retuning. Power output is adjustable from 5 to 20 watts.

Mfr. List \$5,295.00

Call For BSW Price

TEPCO



J-317

**J300 SERIES
FM Translators**

Tepco has been providing FM translators to the broadcast marketplace for over 2 decades. They still maintain their excellent service reputation and have a genuine interest in providing customers with high quality, affordable equipment, expeditious delivery, friendly advice and timely information.

Tepco's J-317 and J-340 are not merely converted exciters or baseband units, but are dual heterodyne conversion FM translators. They both employ optimized, time proven circuits which Tepco has been using for many years. Both units utilize a MOSFET front end, dual gate mixing, state of the art ceramic IF filter network, two independent AGC loops, five stages of limiting and positive muting action. The output power stage on both units is protected in the event of serious load changes. An optional built-in exciter is also available for inserting locally originated announcements, if needed. Both units meet or exceed FCC part 74 requirements. The J-317 is type accepted for 5-12 watts, the J-340 is type accepted for 10-40 watts. Both units are also approved to drive higher output amplifiers such as Tepco's J-3250, 250 watt amplifier.

BSW has qualified engineers who can help you configure a complete translator system including Tepco products.

J-317 Mfr. List \$2,622.00

Call For BSW Price

J-340 Mfr. List \$4,495.00

Call For BSW Price

J-3250 Mfr. List \$3,500.00

Call For BSW Price

BROADCAST ELECTRONICS / ERI**BESP/BEMP/BELP
FM Antenna**

You can count on years of rugged performance with Broadcast Electronics/ERI Series of high, medium and low power FM antennas. The BESP (super power) and BEMP (medium power) both feature circular polarization, high input power ratings and a number of mounting options to fit any application. The BELP (low power) antennas utilize horizontally polarized radiators.

**Available On A Regional Basis Only
Call BSW For Prices And Availability In Your Area**

DIELECTRIC**FM Antennas**

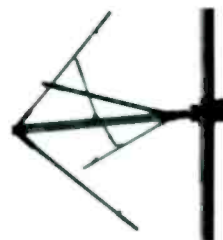
With manufacturing experience of over 45 years, first exclusively with RCA and then direct, Dielectric continues to be in the forefront in providing high quality broadcast antennas worldwide with competitive pricing.

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.

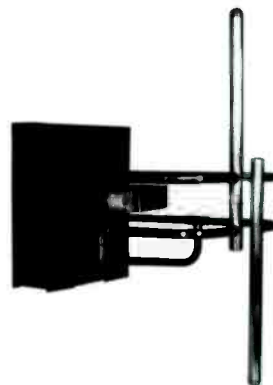
Call BSW For Prices And Specifications

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 Prices And Specifications

SHIVELY**FM Antennas**

A good antenna is crucial to quality broadcasting. An antenna that is merely adequate will compromise the performance of even the best studio equipment and transmitter.

Shively regularly includes standard features that other companies either provide only as options or simply do not offer.

- Pressure relief valves which allow purging of the entire system at any time, without climbing the tower.
- Custom designed, solid steel mounting brackets for each installation, instead of chains, as are commonly used.
- Individually grounded bays which give maximum protection to transmission lines from lightning damage without the need to purchase shorting stubs.

Shively engineering expertise and quality components further enhance performance.

Call BSW For Prices And Specifications

DIELECTRIC



RF Products

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

Call BSW For More Information

ELECTRO IMPULSE

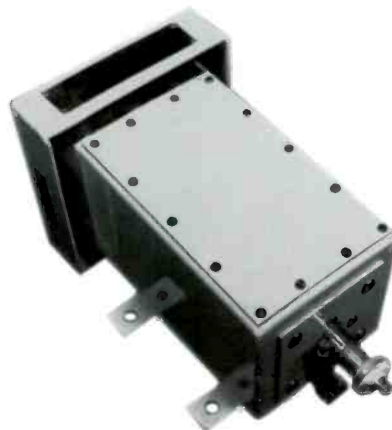


RF Coaxial Loads

Electro Impulse is a leading supplier of specialized equipment for the communications and broadcast industries. 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

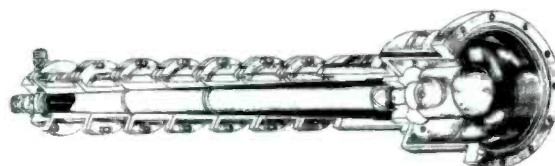


Isocouplers

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.

ANDREW



The Andrew Corporation, the world leader in the design and manufacture of communications equipment and systems, is well known in the radio broadcast community for supplying high quality transmission cable and related accessories. BSW is proud to represent a complete line of products for all your transmission cabling requirements including HELIAX® foam and air-dielectric cable connectors and accessories, rigid transmission line and accessories, and STL antennas.



A BSW technician prepares a custom cable from in-stock components at our Tacoma warehouse.

BSW is now a stocking distributor of Andrew HELIAX® cable in 1/2" and 7/8" diameters for those times when your need for transmission line can't wait. Your STL antenna line just got burned up - no problem, just call BSW. We will spool off what you need and rush it to you. Our factory trained technical staff can custom install Andrew connectors on your cable.

With our wide selection of RF transmission products, our competitive pricing and warehousing of Andrew Cable products, as well as custom connector installation, BSW is now more than ever your one-stop source for RF transmission supplies.

Call BSW Toll Free With Your Requirements

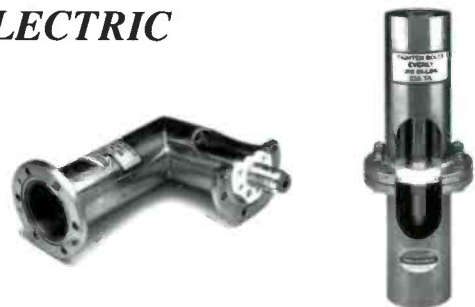
CABLEWAVE



Cablewave Systems is dedicated to the design and manufacture of RF related products including: aluminum and fiberglass parabolic microwave antennas, Flexwell and Cellflex low loss coaxial cables, rigid coaxial lines, Flexwell elliptical waveguides, connectors, pressurization equipment, and RF associated accessories. BSW carries the complete line of Cablewave products and can supply the proper products for any situation.

Call BSW Toll Free With Your Requirements

DIELECTRIC



Dielectric is the worlds largest manufacturer of rigid coaxial transmission line. They have been supplying transmission line to communications professionals since the early 1940's. Many of Dielectric's early systems are still in operation after years of use and exposure to the elements.

Call BSW For Information And Specifications

MYAT



Myat has been designing and manufacturing transmission line and components that deliver exceptional efficiency, high velocity and low attenuation. Myat rigid line sections and components are drawn from the purest, highest quality copper or aluminum stock available and are thoroughly factory-tested using the most advanced equipment. Every Myat line section or RF component is guaranteed to meet or exceed published specifications. Myat also maintains an extensive inventory so BSW can respond to your call for transmission line in short order.

Call BSW For Information, Specifications And Pricing

HELIAX®

Accept No Substitute

To meet the challenges of today's high performance communication systems, you cannot afford to settle for anything less than the best coaxial cable assembly available. That's why you have to "Ask for HELIAX" coaxial cable and connectors.

Unlike braided cable, only HELIAX coaxial cable can handle the current proliferation of higher frequencies, multichannels and higher average power levels. Its solid copper outer conductor combines both strength and flexibility to accommodate the tightest applications.

When fabricated with Andrew premium performance connectors, HELIAX coaxial cable assemblies optimize electrical and mechanical performance, protecting against EMI-RFI interference and intermodulation.

HELIAX
is a registered
trademark
of Andrew
Corporation.
So if it's not
from Andrew,
it's not the best
coaxial cable
in the business.



ANDREW

10500 W. 153rd Street
Orland Park, IL 60462 U.S.A.

For complete details, contact Broaccst Supply Worldwide
Phone: 800-426-8434 or Fax: 800-231-7055

HELIAX® Cable... The Global Leader in Cellular Communications

BDI



**CDS-200
Composite Distribution Amplifier/Switcher**

The CDS-200 was designed to allow two switchable composite 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. Individual output amplifiers provide maximum isolation. Features include remote control capability, memory that maintains last selection during a power interruption and front panel scope/analyzer test jack.

Mfr. List \$795.00

Call For BSW Price

CONNECTWORKS

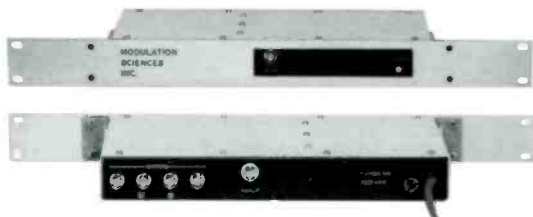


**YC40
Unidapt Universal Adapter Kit**

The YC40 allows you to mix and match any male or female adapter section with any other SMA, N, UHF, BNC, TNC, F, RCA or mini UHF section. Simply choose the two common connector ends you need, and screw them together with the universal adapter.

BSW Price \$155.75

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 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

ROHN



Towers/Shelters

Allow BSW and Rohn the opportunity to give you a quote on your tower and shelter requirements. BSW can supply quotes for complete tower systems, individual tower components and shelters with or without complete environmental control systems.

Prices Based On Applications

SVETLANA



Power Grid Tubes

BSW is proud to represent Svetlana power grid tubes. Well-engineered, carefully-constructed Svetlana tubes are available at all power levels up to and exceeding one megawatt, including high-performance triodes, tetrodes and pentodes. Shown above is the 4CX15000A/8281.

Call For BSW Pricing And Configurations

TWR



Lighting Equipment

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

Call For BSW Pricing And Configurations

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

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 \$160.00

Call For BSW Price

395 Mfr. List \$85.00

Call For BSW Price

GENEVA



PF211 Bulk Eraser

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

Mfr. List \$79.99

Call For BSW Price

SONAR



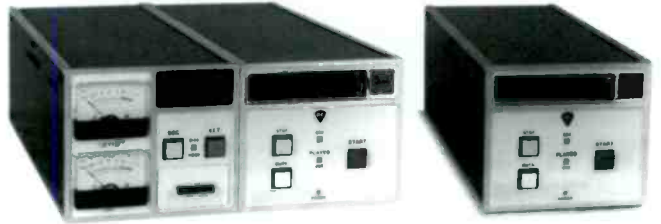
VX1401 Bulk Eraser

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

Mfr. List \$79.00

Call For BSW Price

AUDICORD



DL SERIES Cartridge Machines

The Audicord DL Series stands up to the daily grind of broadcasting and offers features to make the operator's job easier. 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 \$1,000.00

DLPS (Playback, Stereo)

Mfr. List \$1,100.00

DLRM (Record/Play, Mono)

Mfr. List \$1,420.00

DLRS (Record/Play, Stereo)

Mfr. List \$1,640.00

Call For BSW Prices
 Dual Transport Units Available

BROADCAST ELECTRONICS



DT90A SERIES Cartridge Machines

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

DT90APS Mfr. List \$1,800.00

Call For BSW Price

DT90ARPS Mfr. List \$2,750.00

Call For BSW Price

Mono Models Available

FIDELIPAC



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 Prices



CTR10 SERIES Cartridge Machines

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

CTR12 (Stereo Play) Mfr. List \$1,935.00
CTR14 (Stereo Record/Play) Mfr. List \$2,890.00

Call For BSW Prices



ESD10 Eraser/Splice Finder

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

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

ITC



SERIES 1 Cartridge Machines

The newest advances in mechanical and 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 Prices
Mono Units Available



SERIES 2 Cartridge Machines

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

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

Call For BSW Prices
Mono Units Available



99B SERIES Cartridge Machines

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

99BRPSE (Stereo Record/Play) Mfr. List \$7,080.00

Call For BSW Price

AUDIOPAK**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.

(blue base with clear blue top)

**AA3
Stereo Cartridge**

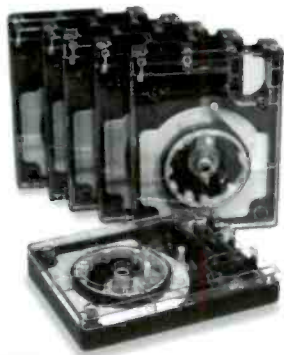
Precision molding provides highly accurate tape guidance inside the cartridge for excellent stereo phase stability. Tough, reinforced plastics resist warping and damage due to severe mishandling, thus assuring the phase will not change under any conditions for the life of the cartridge.

(blue base with clear top)

**AA2
Mono Cartridge**

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

(black base with clear top)

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.

(black base with clear top and no pads)

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.

(dark grey base with smokey grey top)

**MASTERCART
Stereo Cartridge**

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

(red base with clear top)

**300 SERIES
Mono Cartridge**

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

(grey bottom with clear top)

**Call For BSW Competitive Prices
And Outstanding Delivery**

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 \$15.45

BSW Price \$27.00

***BSW Price \$39.90**

Q17(613) HOLN

17618613 (1800' reel)

BSW Price \$21.90

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 \$21.95 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



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



DN770R Professional Cassette Deck

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

Mfr. List \$650.00

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

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.

112MKII Mfr. List \$829.00

Call For BSW Price

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

**202MKII
Dubbing Cassette Deck**

The 202MKII is a high quality dubbing deck with features that make it useful for a variety of applications. Its ability to make two identical copies simultaneously from an external master source makes it ideal for spec spot dubbing or duplicating any program material on the fly. With dual synchronous record mode, the 202MKII allows you to make extended length recordings by sequentially recording both sides of the tape in both transports. Other useful features include front panel R & L mic inputs, front panel headphone jack, Dolby B, C and HXPRO.

Mfr. List \$499.00

Call For BSW Price

TASCAM**238/238S
Professional Cassette Deck**

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

238 Mfr. List \$1,899.00

Call For BSW Price

238S Mfr. List \$2,199.00

Call For BSW Price

**134B
Multi-Channel A/V Deck**

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

Mfr. List \$1,549.00

Call For BSW Price

TECHNICS**RS-DC8
DCC Recorder**

Digital Compact Cassette (DCC) 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. The RS-DC8 allows you to playback analog cassettes, plus record and playback the new DCC format on the same machine. It uses a stationary digital record/play head. Audio quality yields a dynamic range equal to a compact disc. Up to 40 characters of text can also be stored on the DCC.

Mfr. List \$599.95

Call For BSW Price

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

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

TEAC



V375/W415 Rack Cassette Deck

These consumer cassette machines, combined with the optional RK2 rack kit, offer good sound quality in a rack mountable package for an incredibly low price. Both units feature hard permalloy record/playback heads, Dolby B NR, 2-color LED level meter, 3-position tape selector and auto stop. The Teac model V375 is a single well machine. The W415 is a dual-well deck with continuous playback and high/normal speed dubbing.

V375 Mfr. List \$119.00
W415 Mfr. List \$149.00
RK2 Rack Kit fits V375 and W415

Call For BSW Price
Call For BSW Price
BSW Price \$28.95

TECHNICS



RSTR373/575 Double Cassette Decks

The RSTR373 and RSTR575 offer outstanding quality and convenience in a dual cassette format. Both decks feature superfast FF and REW, 24 hour continuous playback (RSTR575 features 3 hour continuous record), Dolby B, C and HX Pro and high/low speed dubbing. The RSTR575 can record and play from both decks (RSTR 373 deck 2 record only) and features auto tape calibration. Both units can be made rack mountable with the ProRax RK4 rack kit.

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

MARANTZ



PMD SERIES Portable Cassette Recorders

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

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

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

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

PMD101 2 Head Mono	Mfr. List \$259.00
PMD201 2 Head Mono	Mfr. List \$329.00
PMD221 3 Head Mono	Mfr. List \$399.00
PMD222 3 Head XLR Mic Input	Mfr. List \$429.00
PMD430 3 Head Stereo (Includes Case)	Mfr. List \$599.00

Call For BSW Prices

Accessories:

CLC221 Vinyl Carrying Case	BSW Price \$38.00
RB430 Rechargeable Battery Pack	BSW Price \$71.25
CA221PMD 12 volt car adaptor	BSW Price \$38.00
DA36 AC adaptor for PMD101	BSW Price \$13.00
KEB20 nylon carrying bag w/ extra storage	BSW Price \$24.95
IC6 mic adaptor cable for PMD201/221	BSW Price \$14.00
PFX105 12 volt car adaptor	BSW Price \$8.00



MASS PRODUCTION

You may already know the Marantz PMD500 Dual Well Cassette Deck for its excellent reliability and high fidelity. What you may not know is that any number of PMD500s can be linked in parallel to create a fantastic sounding and extremely cost effective realtime duplication system. There's no better way to distribute your mass to the masses. For more information, call Marantz Professional.

Marantz Professional Products

marantz[®]

Superscope Technologies, Inc. • 1000 Corporate Blvd. Aurora, IL 60504 Phone: 708.820.4800 Fax: 708.820.8103

Yeah, but does it have completely independent Inputs and Outputs? **YES.**

And it has separate pitch control on each well. And it racks evenly into 3 spaces. And it has switchable headphones so you can cue one well while the other one's playing. And it has Dolby B and C noise reduction and Dolby HX Pro headroom extension on each well. And it has music search. And all the autoreverse and well-switching functions are optically triggered. And it's compatible with major remote control systems. And it's capable of recording two masters simultaneously. And it's capable of stacked operation for multiple-machine unlimited continuous recording. And it honestly sounds fantastic. And it's genuinely well built. And, as you might imagine, there's a lot more. And it's less expensive than you think.



The Marantz PMD510 ...the Best in the Field.

Marantz Professional Products

marantz[®]

Marantz Professional Products • 1000 Corporate Blvd. Aurora, IL 60504 Phone: 708.820.4800 Fax: 708.820.8103

PANASONIC



RQL340 Mini 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 \$59.95

Call For BSW Price

SONY



TCD5 PROII Portable Cassette Recorder

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

Mfr. List \$999.00

Call For BSW Price

YAMAHA



MT120S Cassette Mini Studio

Here's a mini production studio you can fit into your briefcase. The MT120S 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 \$579.00

Call For BSW Price

BSW



Custom Loaded Cassettes

BSW cassettes are loaded in standard lengths including 5, 10, 20, 30, 45, 60, and 90 minutes, with custom lengths available (minimum 100 qty. on special orders). Three grades of tape are available: VC voice quality, MC music quality (HOLN), CP (high bias chromium compatible). Quantity price breaks are available. Minimum quantity is 25 cassettes. Competitive Prices.

Call BSW For Current Pricing

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

CASSETTE BOXES / LABELS

CLEARBOX (clear hard shell box)

BSW Price .14 ea.

POLYBOX (soft semi-clear box)

BSW Price .22 ea.

CASSSHW (sheet of 12 white labels)

BSW Price .32 ea.

DIC/SHAPE



Cassettes

DIC combines Super Chrom BASF tape with super-high quality Shape shells for the ultimate mastering cassette. Available in 10, 30, 60 and 90 minute lengths.

Call BSW For Competitive Prices

DISCWASHER



FG1230



FG1450



FG1230/FG1450 Cassette Cleaner & Demagnetizer

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

FG1230 Mfr. List \$4.95

Call For BSW Price

FG1450 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 \$1,400.00
DN970FA	Mfr. List \$2,599.00
ACD5B CD Cart Shells	Mfr. List \$3.98 ea.
Bar Code Labels (Sheet)	Mfr. List \$9.00 ea.

Call For BSW Prices

**DN961FA
Compact Disc Player**

Here is a Denon professional machine for broadcasters who want all the features and performance found in the CD Cart™ Players, but without the CD Carts. The DN961FA is 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 \$1,400.00 **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 its most striking features is its 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 \$1,445.00

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

You used to have excuses for using a consumer CD player. Perhaps you wanted audiophile sound quality, but then you had to put up with pre-historic user controls. Maybe you wanted an inexpensive player, but then you were saddled with awkward operation, marginal reliability and even worse sound.

YOU HAVE NO MORE EXCUSES.



The DN-650F Professional CD Player changes everything. Denon has combined their legendary audiophile sound quality with powerful features developed specifically for studio and broadcast applications. Industry-proven professional controls include true instant start, auto cue-to-music, index search and a full complement of professional input/outputs, such as balanced and unbalanced audio, digital out, and a GPI interface. In addition, you can format these features for your specific applications.

The Denon DN-650F. Professional performance, economical price. And no excuses.

DENON
The First Name in Digital Audio

TASCAM**CD601
CD Player**

The CD601 is a single transport half-rack unit offering 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**SLPG340/440
CD Players**

Both the SLPG340 and SLPG440 CD players feature auto cue-to-music and peak level search. In addition, the SLPG440 features 30-key wireless remote control, 10-key direct access on front panel and wireless remote and front panel headphone jack w/volume control.

SLPG340 Mfr. List \$169.95

Call For BSW Price

SLPG440 Mfr. List \$189.95

Call For BSW Price

RK1 Rack Mount Kit

BSW Price \$24.95

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, 9-pin D-connector parallel I/O, and cascade circuitry allowing synchronous start of up to 4 CDRs.

Mfr. List \$5,500.00

Call For BSW Price

INTERCLEAN

CD121

LL151

**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 \$16.95

LL151 BSW Price \$19.95

BSW**CDBOX
CD Jewel Boxes**

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

BSW Price .79 ea. Quantity discounts available

DENON

CD TEST

ACD5B

**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

**CD Cart™
ACD5B**

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

BSW Price \$3.98 ea. Quantity discounts available

DISCWASHER



FG1107



FG1163



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



CD Cleaning fluid



Disc Wipes

PF425 Disc Wipes

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

BSW Price \$7.20

PF416 CD Cleaning Fluid

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

BSW Price \$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. Additional libraries include sound effects on CD-ROM for PC, production music and a collection of instrument sounds and effects for digital samplers.

Call For Descriptions And BSW Prices

HBS



CD Music Libraries

The Holland Broadcast Services CD Music Libraries 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. "Rock 'N' Roll Graffiti" features 1229 songs on 50 CDs and covers 1955-1969. "The Seventies" CD Gold Library includes 545 songs on 30 CDs covering 1970-1979. "The Eighties Plus" AC/CHR Library contains 769 songs on 44 CDs featuring hits from 1980-1992.

Call For BSW Pricing

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 (2 CD set including 198 commercial music beds)	BSW Price \$155.00

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 \$2,460.00**Call For BSW Price****RAMSA****SV4100
DAT Recorder**

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

Mfr. List \$2,695.00**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 Prices****SV3700
DAT Recorder**

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

Mfr. List \$1,840.00**Call For BSW Price****SONY****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 \$1,079.00**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 \$1,765.00

Call For BSW Price



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



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

TASCAM



DA30MKII DAT Recorder

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

Mfr. List \$1,499.00

Call For BSW Price

AMPEX-DAT

467R030P 30 Minute	Mfr. List \$8.42
467R046P 46 Minute	Mfr. List \$9.46
467R060P 60 Minute	Mfr. List \$10.77
467R090P 90 Minute	Mfr. List \$12.94
467R0120P 120 Minute	Mfr. List \$15.28



DIC-DAT

D15MQ 15 Minutes	Mfr. List \$6.46
D30MQ 30 Minutes	Mfr. List \$8.98
D48MQ 48 Minutes	Mfr. List \$9.28
D62MQ 62 Minutes	Mfr. List \$10.14
D92MQ 92 Minutes	Mfr. List \$12.08
D122MQ 122 Minutes	Mfr. List \$13.84



PANASONIC-DAT

RTR46P 46 Minutes	Mfr. List \$8.00
RTR60P 60 Minutes	Mfr. List \$9.00
RTR90P 90 Minutes	Mfr. List \$10.00
RTR120P 120 Minutes	Mfr. List \$11.00
RTRCLP DAT Cleaning Tape	Mfr. List \$10.00



SCOTCH/3M-DAT

PRODAT30 30 Minute	Mfr. List \$9.75
PRODAT46 46 Minute	Mfr. List \$11.20
PRODAT60 60 Minute	Mfr. List \$12.75
PRODAT90 90 Minute	Mfr. List \$15.50
PRODAT120 120 Minute	Mfr. List \$18.25



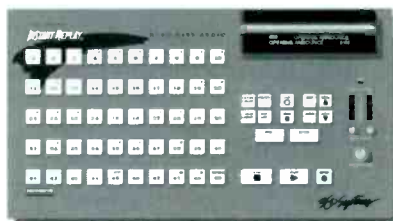
SONY-DAT

PDP34 34 Minute	Mfr. List \$12.03
PDP48 48 Minute	Mfr. List \$13.80
PDP64 64 Minute	Mfr. List \$15.73
PDP94 94 Minute	Mfr. List \$19.13
PDP124 124 Minute	Mfr. List \$22.50



Most Tapes In Stock For Immediate Delivery
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360 SYSTEMS



INSTANT-REPLAY Hard Disk Player

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

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

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

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

Instant Replay is a completely self contained digital audio recorder with control panel with all the features you need to record, title, edit, and playback audio in a very rapid fashion.

Mfr. List \$2,995.00

Call For BSW Price

360 SYSTEMS



DIGICART/II Digital Audio Hard Disk Recorder

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

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

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

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

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

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

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

	Mfr. List
2502 DigiCart/II 2 hr. 270 MB HD & Bernoulli	\$4,695.00
2505 DigiCart/II 4 hr. 525 MB HD & Bernoulli	\$4,995.00
2510 DigiCart/II 8 hr. 1-GB HD & Bernoulli	\$5,495.00
2520 DigiCart/II 16 hr. 2-GB HD & Bernoulli	\$6,495.00
2500 DigiCart/II removable Bernoulli disk only	\$3,995.00

Call For BSW Prices

LIKE FORT KNOX, WITH AN ATM.

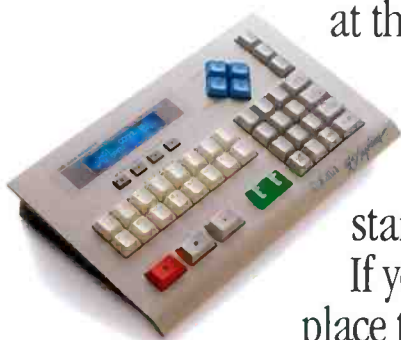
Imagine a towering stack of cartridges, open reels and DAT tapes—a vast wealth of audio cuts—representing hours of costly, painstaking production.

Now imagine that treasury of sounds (like commercials, IDs, SFX, and stingers) securely stored, intelligently organized and instantaneously accessible. And all within the confines of one very impressive machine.

The digital audio hard disk recorder, DigiCart/II.



High-performance vehicle. DigiCart/II holds 10,000 cuts, records in linear or with Dolby AC-2 data compression, allows precise edits, offers digital or analog I/O, and features removable media for archiving, backups and transfers.



From a distance. Our remote controls expand and enhance DigiCart/II with programmable Hot-Keys™, fast find functions, and lots more.

Smart operating controls and an easy-to-read display makes scanning through DigiCart/II's massive vault of storage a snap. With a simple spin of a knob or keystroke on a remote control, you can call up any single cut, or even an entire playlist—instantly.

While DigiCart/II plays a pre-selected cut, its production-oriented software allows you to program the next series of cuts at the same time. All performed with reassuring reliability.

No dead air, no missed cues, no scrambling around.

It's easy to see why DigiCart/II is fast becoming the industry standard for hard disk recording. If you're searching for the best place to bank your audio valuables, take a look—and listen—to DigiCart/II.

Call 360 Systems for a hands-on demonstration in your studio. 818-991-0360.



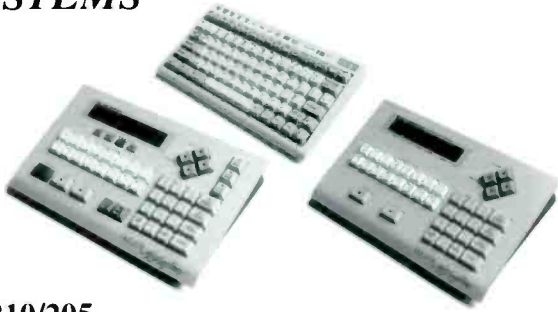
In the bank. DigiCart/II's internal hard drive can't be beat for speed and convenience. Choose between 2, 4 or 8 hours of 20kHz stereo storage.



360 Systems®

PROFESSIONAL DIGITAL AUDIO

360 SYSTEMS



RC220/210/205 Direct Access Remote Controls

Each of these remote controls is designed for specific applications and features 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. DigiCart/II front panel keys appear as function keys.

RC220 Mfr. List \$745.00

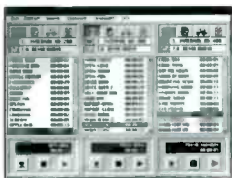
Call For BSW Price

RC210 Mfr. List \$595.00

Call For BSW Price

RC205 Mfr. List \$130.00

Call For BSW Price



PC Software For DigiCart/II

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

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

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

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

ONSCREEN/II Mfr. List \$795.00

Call For BSW Price

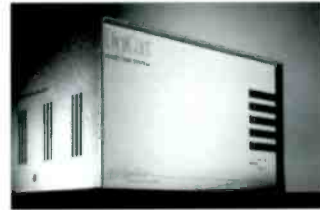
PC HOTKEYS Mfr. List \$595.00

Call For BSW Price

PRINT IT Mfr. List \$295.00

Call For BSW Price

360 SYSTEMS



HDS-01 Hard Disk System Enclosures

HDS-01 enclosures provide additional storage capacity to your DigiCart recorder with mounting, power, cooling and SCSI interconnect for up to five additional hard disks. Any model of DigiCart/II can control an HDS unit, allowing instant random access to hundreds of hours of recorded material. Disk drives must be ordered in addition to the HDS-01 enclosure.

HDS01 Hard Disk Enclosure Mfr. List \$995.00

Call For Current Pricing On Hard Drives

AUTO LINK™ Networking Software

This proprietary digital audio file transfer network allows faster than real time transfers of digital audio files between DigiCart/II's and Instant Replay machines. This cost-effective network does not require network cards, file servers, or other "computer" hardware. It operates on existing 75 ohm switching matrices, or as a simple point-to-point interconnect on standard coax cable.

Call For Pricing And Availability

BROADCAST ELECTRONICS



DISC TRAK SERIES Digital Cartridge Machines

Broadcast Electronic's Disc Trak digital cart machines deliver superior audio quality utilizing inexpensive 3 1/2 inch floppy discs, while maintaining the familiar look and operation of a standard analog cart machine. Features include instantaneous cueing, up to 8 separate cuts per disk, single play, sequence and loop modes, choice of 4 different sampling rates, auto recognition of sampling rate and stereo/mono selection, LCD readout of cart label information, recognizes standard start/stop logic, balanced XLR in/out.

DC300 (3 stack player/recorder - one slot records) Mfr. List \$4,995.00

DC30 (3 stack playback) Mfr. List \$3,450.00

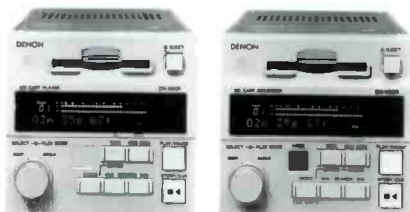
DC10 (single playback) Mfr. List \$2,800.00

2MB Disc Mfr. List \$1.00 ea.

4MB Disc Mfr. List \$5.50 ea.

Call For BSW Prices

DENON



DN995R/DN990R/DN980F MiniDisc Machines

Denon MiniDisc machines combine the benefits of MD technology with the familiar operating characteristics and look of the DN951FA, industry standard CD player. The DN980F MD player offers the following playback functions: instant start, cue to music, single/continuous play, stereo/mono, adjustable out cue. It also features flexible cue outputs, RS232C and D-sub remote control ports, active balanced analog outputs, AES/EBU digital outputs and display of track number, 13-character time-code/name/message and peak level with overload indicator.

The new DN995R recorder maintains the playback features of the DN980F plus back cue and expanded single play and continuous play modes. It also offers the ability to trim the end of tracks, erase, divide and combine tracks, or move the order of tracks. Other new features include external synchronization capability, PC control software for Windows™ and a switchable RS-422/232C interface.

DN990R has analog I/O. Windows software is optional.

DN995R Mfr. List \$4,000.00 **Call For BSW Price**

DN980F Mfr. List \$2,400.00 **Call For BSW Price**

DN990R Mfr. List \$3,200.00 **Call For BSW Price**

FIDELIPAC



DCR1000 SERIES Digital Cart Machine

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

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

DCR1020 (Master Player unit) **Mfr. List \$2,975.00**

DCR1040 (Record Module) **Mfr. List \$2,500.00**

Call For BSW Prices

OTARI



MR10/MDR10P MiniDisc Recorder/Player

Ideal for radio broadcast applications, the MR10 MiniDisc recorder/player offers fast-access, reliable audio storage and playback. Professional features include table-of-contents (TOC) editing, memory start, stop/standby and single/repeat play functions, a selectable EOM detector, front panel headphone jack with level, audible cue mode and lighted front panel controls with enhanced MD readout capabilities including a Min: Sec: Frame timer, track number indicator, title readout, level meters and mode indicator. Other features include +4 dBu active balanced line I/O with XLR connectors and adjustable input impedance control, S/PDIF digital I/O, wired remote control and 37-pin parallel remote connector. RS-422 port available as an option. MDR-10P is a play only unit.

MR10 Recorder/player

Mfr. List \$3,350.00

MR10P Play only

Mfr. List \$2,700.00

Call For BSW Prices

SONY



MDSB3/MDSB4P MiniDisc Machines

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

MDSB3 Mfr. List \$3,200.00

Call For BSW Price

MDSB4P Mfr. List \$2,400.00

Call For BSW Price

SONY

GET OUT OF THE SAME OLD LOOP.

Tired of going around and around with your old cart machine?
Then it's time to head straight for Sony's digital MiniDisc Cart.
A direct result of Sony's leadership in MiniDisc technology, the MiniDisc Cart is a simple plug-in replacement for your NAE cart. And it gives you advantages analog simply can't deliver. Like superior sound quality, random access, low-cost/re-reusable discs with up to 74 minutes of record time each, and more. Learn how you can get out of the tape loop. Call 1-800-635-SONY ext. MD.

NEW MODELS
MDS-B3/B4P
INCLUDE
DIGITAL I/O
AND RS-232C.

INNOVATION AT WORK.



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AKAI



DR4D340 Hard Disk Recorder

The DR4d-340 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 DR4d-340 comes with a 340 MB hard drive that allows for approximately 68 total minutes of recording (17 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.

DR4D340 (W/340 MB Drive) Mfr. List \$2,539.00

DL4D Remote Controller Mfr. List \$849.00

Call For BSW Prices

ALESIS



ADAT® Digital Audio Recorder

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.

The optional BRC controller offers powerful automated control and non-destructive editing features. Control up to 16 ADATs from one BRC for more simultaneous tracks or take advantage of sample accurate cut/paste editing and track delay. Searching for counter number locations is a thing of the past with BRC. 460 memory points are available, each with its own 8-character name.

The AI-1 digital interface offers format conversion between ADAT, AES/EBU and S/PDIF as well as sample rate conversion between 44.1 and 48 kHz.

AI-2 is the sophisticated multipurpose audio/video synchronizer for complete MIDI, SMPTE and external editor control.

ADAT® 8 track recorder Mfr. List \$2,995.00

BRC system controller Mfr. List \$1,995.00

AI-1 digital interface Mfr. List \$899.00

AI-2 synchronizer Mfr. List \$1,299.00

Call For BSW Prices
Available in North America only

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 \$4,995.00

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 \$949.00

IF88AE (AES/SPDIF Digital Interface) Mfr. List \$1,099.00

IF88SD (SPDIFII Digital Interface) Mfr. List \$1,299.00

Call For BSW Prices

ARRAKIS**DIGILINK II
Digital Audio Storage/Automation Systems**

With over 1,000 sold, Digilink is the #1 Digital Audio Storage/Automation System in radio. It 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 satellite, tape and CD automation.

With multi-tasking capability, the Digilink can simultaneously record a new spot, play back spots with crossfade and transfer files over a network.

Multiple 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. In fact you can build a network of more than 15 workstations and scheduling computers with the ability to import and export music and traffic schedules from third party software systems.

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

- Simultaneously record a spot while playing back a commercial
- Crossfade & overlap of hard disc audio files
- Replace all your cart machines live on-air while adding walkaway satellite, tape or CD automation and scheduling
- Perfectly timed breaks for satellite automation
- Schedule a week ahead with manual or imported scheduling
- Timed recording for over 1500 events per week (time shift live feeds while still recording)
- Pioneer or Sony CD player support (optional controller)
- Auto time announce
- Batch transfer multiple audio files at once
- User programmable function keys
- Text (liner notes) attached to hard disk files or CD tracks
- 40 user definable clocks with 40 jocks
- One year free factory telephone support

DL2600 10 hour system Mfr. List \$7,995.00
DL21000 16 hour system Mfr. List \$9,995.00

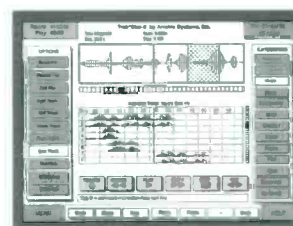
Call For BSW Prices

ARRAKIS**Software Accessories**

Control Digilink locally and remotely over the network or via modem at the same time with remote control software and your PC. One person can be on the air while another is modifying schedules. Enhanced password security included for additional safety. Requires MOD-1 modem package. News software adds E-Mail, text files and news wire to your audio network.

DLCTRL remote control software Mfr. List \$995.00
MOD-1 modem package Mfr. List \$445.00
DL-NEWS news software Mfr. List \$495.00

Call For BSW Prices

**TRAK*STAR
Multi Track Mixer/Editor/Recorder**

The Arrakis Trak*Star is a powerful multitrack production system that is incredibly fast and easy to use and is the only production system in the industry that can provide 100% on-air back up for your Digilink system (On-air back up software is free in the TSC8-600)

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

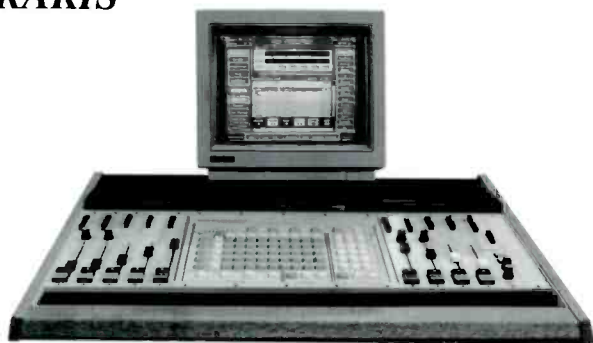
Record and store on disk all of your standard music beds and sound effects. Select any combination of up to 4 stereo or 8 mono sound files for editing and mixing. Once selected, you can easily scrub, cut, splice, copy, move, delete, fade and mix any combination of these files to create your new spot 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.

Trak*Star can be purchased as a complete stand alone system that can network with Digilink or Gemini workstations. It includes a rack mounted digital hard disk controller, 120MB (TS8C) or 1.2 GB (TS8C-600) drive, VGA monitor, keyboard and mouse or trackball. Additional expansion storage can be purchased for longer recording times.

Trak*Star software can be added to existing Digilink systems to provide your Digilink with multi-track production capability. Trak*Star utilizes 16 bit linear PCM data format with 18 bit D/A/A/D converters. 15 kHz bandwidth is achieved with 32 kHz sampling rate.

TS8C Basic 8-track system (stand alone) Mfr. List \$5,495.00
TS8C-600 1.2 GB system w/on-air back-up Mfr. List \$7,995.00
HD10 1.2GB expansion storage Mfr. List \$2,500.00
HD16 2.1GB expansion storage Mfr. List \$3,500.00
DT8MT Trak*Star for Digilink Mfr. List \$1,995.00

Call For BSW Prices

ARRAKIS**GEMINI
On-Air Digital Audio Workstation**

The Arrakis Gemini puts the power of a digital audio workstation at your fingertips for high-velocity on-air radio.

The heart of Gemini is a triple play, dual output workstation with simultaneous record and network transfer. Add to this the 100 button Gemini Command Center that gives you access to hundreds of carts, CD tracks and other external sources at once, with control of up to 6 workstations from one location with the optional V-GEM switcher. If that wasn't convenient enough, Arrakis designed the control surface of the command center to fit into the front panel of their Gemini audio consoles so you have total control of all audio sources including mics, phones, remotes, etc. right in front of you. Gemini even lets you view and modify your on-air music and traffic schedules right from your on-air console.

From the Command Center control surface you can control the digital "cart wall" with hot button access to hundreds of effects, jingles, beds, CD tracks, etc. Each announcer even has his/her own set of special carts for their show. Smart Carts allow you to assign a button to a category such as News for example. Each time you push that button it plays the latest breaking news or rotates through your current news files - Gemini does all the work for you. Smart Record lets you record and play phoners, weather, sports with the push of a button; push once for record - push it again to play.

In addition to on-air operation, Gemini can be purchased with the option to run satellite, tape or CD automation programming. Gemini with automation configuration provides all of the satellite features of Digilink II plus triple play capability. This allows uninterrupted production play and record while the second play channel is servicing the satellite - complete with hard disk overlap.

Gemini gives new meaning to news room production. As with the Digilink II, a built in text editor allows news staff to build their own stories right from their production console and the standard two track editor gives news personnel faster-than-tape editing capability. Optional news software adds features like integrated text files that can be entered into the schedule to pop up at a given time, an E-Mail program that works over the network or phone lines and even the ability to receive news wire data text files, edit them and schedule them for air.

Contact BSW today for more information on this remarkable new product, or if you own one of the 1,000+ Arrakis Digilink workstations sold, ask us how you can upgrade to a Gemini system today.

GEM1-600 Basic live workstation/control surface **Mfr. List \$7,995.00**
Larger systems and automation packages available

22MF-18D Gemini console mainframe **Mfr. List \$4,295.00**
Includes space for control surface and nine 12,000 series modules (additional)

Call For System Configurations, Options And Pricing

AUDION LABS**VOXPRO
Digital Reel-to-Reel Replacement**

The VoxPro from Audion Laboratories is more than just a digital workstation. It is the first "digital audio" product specifically designed to replace reel-to-reel tape machines that are used on the air. Designed by a morning show veteran with more than 30 years of on-air experience, VoxPro allows you to record and edit phone bits, contests, actualities, sound effects, etc. on the fly with speed and precision. It is very simple and easy to use, the average jock will pick it up in 30 minutes or less.

VoxPro provides true one touch recording. No matter what editing or review task you are doing VoxPro begins a new recording with the push of the record button and automatically saves what you were working on so you can come back to it later. No time to title a new recording? - don't worry, VoxPro will assign time and date as the cut name for identification. You can retitle cuts later with a standard keyboard. Record insert, aka the "glibbilizer", allows the user to begin recording anywhere within a previous recording. The new recorded segment is seamlessly inserted into the original recording. This gives the announcer the chance to use the glib comeback he thought of right after the caller hung up.

Playback and editing is represented on screen by the waveform moving across a centered cursor - the metaphor of a tape moving across a play head. Control is achieved from a well laid out remote panel that mimics a tape transport with some convenient extras. VoxPro provides a key for each function, avoiding the slow task of wading through menus. Full and half-speed forward and reverse play buttons provide the same sound and feel as reel-rocking to find a cue point. You can also select and playback just the selected portion. Ten cart keys across the top of the controller can be assigned any recording of any length. Once assigned, that recording is available for instant playback by hitting its cart key.

Editing is very simple and intuitive. For cut, copy and paste simply highlight an audio segment, find an insert point in a new location, and paste. Need to mask offensive language? - no problem, just highlight the word(s) and hit the bleep command. Of course an undo function is provided to easily repair mistakes.

Each VoxPro user can be assigned a personal work and storage area where recordings and cart buttons can be separately saved and password protected. The morning man's bits and sound effects cannot be accessed by the weekend.

VoxPro runs on a Macintosh platform and can be delivered to you as a turnkey package from BSW, complete with the storage options of your choice, software installation and testing.

VOXPROLC Software **Mfr. List \$2,995.00**
VOXPRO CONTROL Control panel **Mfr. List \$995.00**

Call For BSW Price And System Configuration



Join the Digital Revolution

Digilink by Arrakis is a digital audio workstation that does it all while increasing your profits.

You can replace your live on air cart machines while adding CD or satellite automation for nights or weekends. You can use just one workstation or network as many as 15 and send your spots & schedules in perfect digital between your studios. Add a Trak*Star eight track digital audio editor for under \$5,500 and you can quickly and easily produce spots that would have taken forever

or been impossible with tape.

Digilink is also easy to schedule. You can use the standard Digilink traffic & CD scheduling system or import music

and traffic schedules from all of the most popular 3rd party programs.

Features like simultaneous Play, Record, & Network transfer; hard disk to hard

disk & CD crossfade; cart rotation; Autofill: Smart-squeeze; Macros; and incredible ease of use make Digilink perfect for live & automation studios.

Call or write today for more information on why Digilink is #1—with more than 1000 workstations sold worldwide from Moscow, to Japan, to Barbados, to your own back yard.

- *Replace Cart machines Live On Air plus add CD, Satellite, or Tape Automation*
- *On Air Base Price starts under < \$8,000*
- *8 Track Editor base price starts < \$5,500*
- *Use just '1' Workstation or Network > 15*

Digilink

by Arrakis

Digilink is multilingual. The screen shown above is in Japanese.

~~\$924~~

\$10,000

FEEL BETTER?

For \$924*, we have trouble convincing some of you that The CardD System™ is a powerful digital audio editing system. There's an easy solution, though. We could raise the price. Or, you could take advantage of BSW's 30-day trial offer and find out for yourself! The CardD System— The CardD Plus™ and FastEddie™.

Digital Audio Workstation Myths

Exploding the Price Myth

Myth: "I have to spend \$10,000 to get a professional digital audio workstation."

Fact: The CardD System's FastEddie™ software gives you the fastest and easiest cut-and-paste editing you will find at any price. The waveform display gives you sample-accurate editing. The CardD System's Card Plus™ audio board has truly outstanding sound quality. You can pay a lot more and get a system that won't do your radio production work as well as The CardD System.

Exploding the Multitrack Myth

Myth: "I need a multitrack digital audio workstation to do voice-overs."

Fact: FastEddie's split-screen editor and MIX tool let you overlay sounds. You can lay a voice over a music bed, and then lay sound effects on top of the voice-over. There is no limit to the number of sounds so you can layer in FastEddie. So, even though The CardD System is called a "2-track" system, it does the production work that used to require a multitrack tape machine.

Exploding the Complexity Myth

Myth: "Digital Editing is complicated to learn and use."

Fact: Most CardD System users were editing on tape before purchasing The CardD System. The CardD System is easy to install on your IBM-compatible computer, and the FastEddie editing program is very intuitive and easy to learn. FastEddie comes with a Quick Start guide and a tutorial, including sample sound files. Hundreds of CardD Systems are in radio stations doing daily production work.

The **CardD Plus**™



and

FastEddie™



"...unbelievable...this is one piece of gear you should hear for yourself."
-Home & Studio Recording, Sept '92

"exceptional... The sonic quality from the hardware is superb rivalling digital equipment many times the price."
- Audio Media, March '94

"The fastest cut & paste editing I have ever seen...an ideal replacement for quarter inch tape editing...time with a razor blade can be slashed by 300%...affordable digital editing has finally arrived!"

Paul M. Robbins, Technical Director
Thames Valley Broadcasting pic.

*Combined list prices of The CardD Plus and FastEddie. Call for the BSW price!!

DIGIDESIGN



SESSION•8 Digital Audio Workstation

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

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

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

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

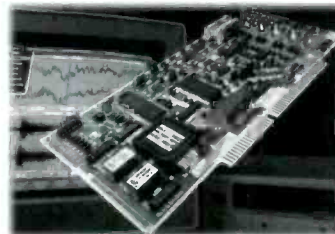
Session•8 requires a separate computer and is configured with a building block approach. Start with a core system including the software and audio card. Then choose from three interface options to fit your application. For users who demand a completely integrated, all-digital system tracking, mixing,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

Ask about optional interface for direct connection to Alesis ADAT.

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

Call For BSW Prices

DIGITAL AUDIO LABS



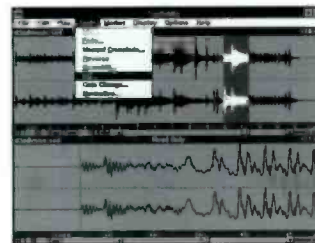
CARD D Digital Recording Hardware

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

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

TC01 CardDPlus™ Digital Recorder	Mfr. List \$795.00
IO-01 Digital In/Out Card	Mfr. List \$295.00
DO-01 Stand Alone Digital In/Out Card	Mfr. List \$495.00

Call For BSW Prices



FAST EDDIE/ED DITOR PLUS Editing Software

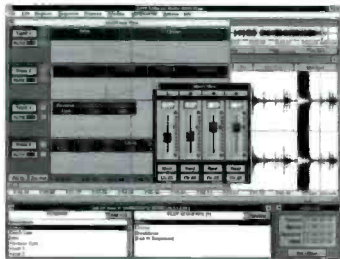
FastEddie™ provides fully non-destructive waveform editing for Windows™ .wave files. It is so intuitive that a novice can learn it quickly, and so powerful it can meet the editing demands of the professional. Cut, paste and delete functions are ultra fast on FastEddie™. Zoom in/out lets you see large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

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

FE-01 FastEddie	Mfr. List \$129.00
EP-01 EdDitorPlus™	Mfr. List \$349.00

Call For BSW Prices

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 \$599.00 (Software only) Call For BSW Price

OSC



DECK II Digital Audio Workstation Software

Desktop professional audio production is now a reality with Deck II from OSC. This full featured audio workstation software was created by professionals with an award-winning history of studio work and is available at a fraction of the cost of similar systems.

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

It offers 16-bit, multitrack non-destructive hard disk recording, real-time moving fader automation with 24 bit resolution, timeline-style multitrack waveform editing with track-slip, continuous SMPTE synchronization to all SMPTE formats, simultaneous MIDI-file and digital audio playback (synchronous playback with MIDI sequencers on a single Macintosh), unlimited digital track bounce, synchronous audio and digital QuickTime video playback directly from disk and quite a bit more.

BSW can supply complete turnkey systems, various storage options with software fully loaded and tested. Call and ask to speak with one of our digital audio specialists for details.

Mfr. List \$299.00 (Software only) 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

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



Random Access Digital Audio Production by SoundLink.

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

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

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

And instead of having to work on an imaginary desktop, you can enjoy

the comfort of the real thing—with controls you can get your hands on.

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

For more information, just pick up your physical telephone and call Broadcast Supply Worldwide at 800-426-8434. If you'd like to have complete control

over your digital production, anything less really isn't an option.

"SoundLink has not only made every production operation faster, it's also expanded my creative capabilities to include things I could never tackle with analog equipment."

— Rick Wiggins, Creative Director
WJR-AM, Detroit
Capital Cities/ABC, Inc.

"It's one of the few pieces of equipment at the station I don't have to worry about."

— Fred Holub, Chief Engineer
KLAX-FM/KXED-AM, LA
Spanish Broadcasting System

"This is the 90s production room solution. Its integrated digital console, storage and editing combine to make one of the most efficient and cleanest operating studios you can find anywhere."

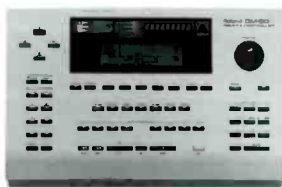
— Roy Pressman, Tech. Director
WLVE-FM/WZTA-FM/WINZ-AM
Paxson Broadcasting, Miami

SoundLink® **KORG**
Professional Audio

ROLAND**DM80
Digital Audio Workstation**

The DM80 digital audio workstation is a powerful, easy to use 8-track system 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.



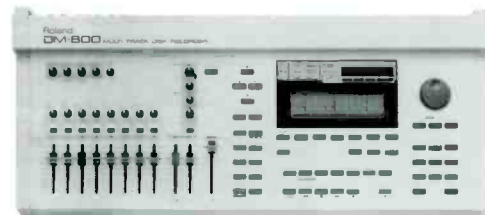
The DM80R is the dedicated controller featuring controls that mimic the transport buttons on familiar analog recorders making it extremely easy to learn and even faster to use. All function buttons are laid out in front of you in a logical manner so you can spend your time creating, not paging through 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.

DM80-8 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

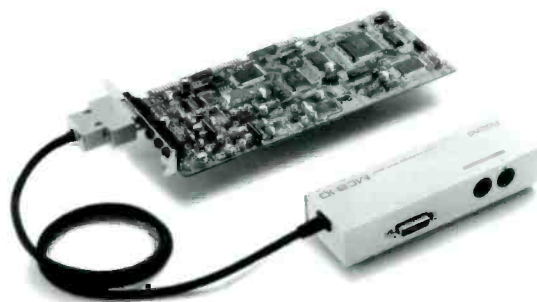
Call For BSW Prices

ROLAND**DM800
Digital Audio Workstation**

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

Storage for the DM800 is purchased in addition to the basic unit. There is provision for two 2.5" SCSI hard disks to be mounted internally as well as SCSI ports for external drives and DAT back up. Call and ask to speak to one of our digital audio specialists about storage options.

Mfr. List \$5,995.00 (base unit without storage)
Call For BSW Price And Storage Options

**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. It offers 16 bit digital audio recording, 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**

AARDVARK



AARD DDA Digital Audio Distribution Amp

Aardvark Computer Systems' AardDDA is a 1x6 digital audio distribution amplifier in a convenient, cost effective package. Unsurpassed quality is Aardvark's main design concern for the AardDDA, with features like transformer-isolated input/outputs that minimize jitter and ground loop noise and individual buffering on all six outputs to promote signal integrity and exceptional signal distribution. Additional features include AES/EBU XLR input/outputs with optional S/PDIF interface and signal presence indicator.

Mfr. List \$399.00

Call For BSW Price

CRL



DAA50 Digital Signal Analyzer

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

Mfr. List \$795.00

Call For BSW Price

FIDELIPAC



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 synchronized 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

JL COOPER



Multi-media Controller

BSW carries the full line of JLCooper interface products and controllers to help you get the most out of today's computer based audio systems.

Call BSW For Pricing And Configuration

MIDIMAN



MIDI/SMPTE INTERFACES

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

Call BSW For Pricing And Configuration

Z SYSTEMS



Z-LINK Sample Rate Converter

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

Z-LINK Mfr. List \$349.00

Call For BSW Price

Z-LINK+ Mfr. List \$549.00

Call For BSW Price

DIGITAL AUDIO STORAGE



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, optical drives, DAT back-up drives and rack-mountable combinations of the above.

Call BSW For Pricing And Configuration

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 \$110.00 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 \$1,419.00 Call For BSW Price

AKG**C3000
Condenser Mic**

Large diaphragm and micro transducer technology in one. Includes switchable cardioid and hypercardioid patterns, bass roll off and 10 dB pad. Internal elastic spider suspension and integrated windscreen.

Mfr. List \$699.00 Call For BSW Price

AUDIO TECHNICA**AT4050CM
Studio Condenser Mic**

The AT4050CM large-diaphragm condenser mic offers superior performance in cardioid, omnidirectional and figure-eight polar pattern settings. Spider shock mount and protective case included.

Mfr. List \$995.00 Call For BSW Price

BEYER**MCE 50/51**

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

MCE50.11 Battery Mfr. List \$499.00

MCE50.15 Phantom Mfr. List \$399.00

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 \$725.00 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 \$279.00 Call For BSW Price

SETTING A HIGHER STANDARD FOR PERFORMANCE AND RELIABILITY-

beyerdynamic products are the engineers' choice on stages, in studios and on location the world over. For uncompromising sound and quality you can rely on, there is one name you can be certain about-

beyerdynamic.



beyerdynamic

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 \$679.00 Call For BSW Price
Options: Windscreen WS1, Shock Mount 309A

ELECTRO-VOICE**RE20
Dynamic Cardioid Mic**

One of the most popular microphones used in broadcasting. The RE20 has a warm sound which will please the most discriminating announcers. Frequency response 45 Hz to 18,000 Hz. Output, -57 dB.

Mfr. List \$597.00 Call For BSW Price
Options: Windscreen WS1, Shock Mount 309A

ELECTRO-VOICE**635A/635N/D
Omnidirectional Dynamic Mic**

The famous 635A is now available in the standard version or as the 635N/D with EV's neodymium magnet for increased sensitivity. Both models available in beige or black.

635A Mfr. List \$142.00
635N/D Mfr. List \$159.00

Call For BSW Prices

**RE50/RE50N/D
Omnidirectional Dynamic Mics**

Standard (RE50) or neodymium models (RE50N/D) feature the same characteristics as the 635A, plus built-in shockmount and blast filter for low handling and wind noise. In beige or black.

RE50 Mfr. List \$276.00
RE50N/D Mfr. List \$324.00

Call For BSW Prices

**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 \$530.00 Call For BSW Price

**ND357B
N/DYM Dynamic Cardioid Mic**

The Electro-Voice ND357B is priced like other dynamics but features extended frequency response and higher output levels. Carries EV's unconditional guarantee.

Mfr. List \$244.00 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 \$514.00 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 \$400.00
RE16 (RE15 With Blast Filter) Mfr. List \$422.00

Call For BSW Prices

Options: Windscreens 314, 379 Shock Mount 313A, 307

**RE36N/D
Dynamic Cardioid Mic**

This low profile, neodymium mic features high output, excellent sensitivity, very low handling noise and consistent sound, no matter the proximity of the sound source. Perfect for interviews.

Mfr. List \$437.00 Call For BSW Price



635N/D RE50N/D

The New Power Tools

It's not surprising that the 635A and RE50 microphones have been industry standards for over 20 years—after all, there hasn't been a microphone yet that could surpass them for performance and durability. *Until Now.*

Introducing the new 635N/D and RE50N/D microphones—legends infused with the power of N/DYM®.

The 635N/D (635N/D-B in black), featuring a newly-designed steel case, is

even tougher than its predecessor. The 635N/D's ultrahigh-output neodymium iron boron (N/DYM®) magnet structure offers an outstanding signal-to-noise ratio. An Acoustalloy® diaphragm ensures smooth response regardless of atmospheric conditions, while an integral windscreen/blast filter guards against wind noise, P-popping, and excessive sibilance.

The RE50N/D's (RE50N/D-B) N/DYM® magnet structure provides the increased

sensitivity required for demanding ENG/EFP applications. It features EV's DynaDamp™ shock-mount system, a unique mic-within-a-mic concept that offers a degree of shock isolation unprecedented in omnidirectional dynamic mics.

The 635N/D and RE50N/D—these new “power tools” can tame the most savage field conditions.

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")

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

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 \$375.00 Call For BSW Price

NEUMANN



**TLM170R
Multi-pattern Condenser Mic**

Capable of handling sound pressure levels up to 140 dB with minimal distortion, with a dynamic range of 126 dB. Choose from: Omni, wide cardioid, cardioid, hypercardioid and figure-8. Equipped with a tiltable, elastically suspended mounting bracket.

Mfr. List \$2,450.00 Call For BSW Price
Options: Windscreen WS89

SENNHEISER



**ME66/K3U
Short Shotgun Mic**

Replaces the famous ME80 and offers extremely high sensitivity and very low self-noise. Utilizes K6 powermodule (single AA battery or phantom power). Frequency range 40-20,000 Hz.

ME66 Mfr. List \$269.00
K6 Mfr. List \$255.00
Call For BSW Prices

RD SYSTEMS



**P650
Parabolic Mic**

One of the most directional microphones ever produced. Picks up voices, nature sounds, practically anything - to professional standards from long distances. Includes handle, aiming sights, monitor earphone and carrying case.

Mfr. List \$459.00 Call For BSW Price

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
Options: Windscreen WS89, Shock Mount EA193

SENNHEISER



**MKE2-3
Subminiature Omni Mic**

Open, natural sound plus extremely small size. Used by major TV networks. Utilizes K6 power module for battery or phantom power operation.

MKE2-3 Mfr. List \$285.00
K6 Mfr. List \$255.00
Call For BSW Prices

CROWN



**PZM
Pressure Zone Mic**

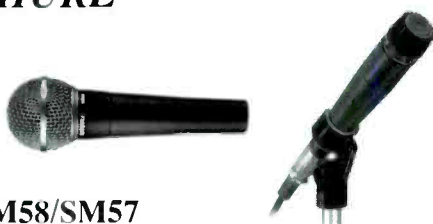
Crown's PZM Sound Grabber features PZM microphone technology in an inexpensive package. One Sound Grabber in the middle of the table can replace eight conventional microphones for conference recording. Comes with mini and 1/4" plug for direct recorder connection. Perfect for news departments.

Mfr. List \$99.00 Call For BSW Price

SHURE**SM7
Dynamic Cardioid Mic**

One of the finest studio professional dynamic microphones in use today. It features a wide-range, very smooth frequency response with graphic response tailoring switches to permit the choice of four different microphone response curves. Frequency response 40 to 16,000 Hz. Output, -57 dB. Contains integral shock mounting.

Mfr. List \$566.50 Call For BSW Price

SHURE**SM58/SM57
Dynamic Cardioid Mics**

Ideal for studio and remote, unmatched in performance, ruggedness and reliability. The SM58 features a distinctive vocal presence peak and integral windscreen and the SM57 provides wide range reproduction of music and voice.

SM58LC (Less cord) Mfr. List \$188.75

SM57LC (Less cord) Mfr. List \$147.00

Call For BSW Prices

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

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 SM63LLC 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 \$171.50 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.

SM90A or SM91A Mfr. List \$310.00

Call For BSW Prices



AUDIO TECHNICA**300 SERIES
Wireless Mic Systems**

Audio Technica's 300 Series wireless systems are low cost and yet incorporate some advanced design features for excellent performance. A dipole antenna system minimizes dropouts and extends the operating range while AT's compander system increases the dynamic range. The ATW-0321L is the omnidirectional lavalier system and the ATW-0322 is the dynamic cardioid hand-held system. 20 VHF frequencies available.

ATW0321L Mfr. List \$289.95 Call For BSW Price
ATW0322 Mfr. List \$309.95 Call For BSW Price

BEYER**S250/S150
Wireless Mic Systems**

Beyer offers high quality systems at a very reasonable price. S250 is a diversity system with multi-pole front end for exceptional RF reception and signal to noise specs. S150 is the non-diversity system. Both systems offer a handheld version with a hyper-cardioid condenser element and a lavalier version. Additional features: 8-10 hour battery life, RF & audio LEDs, variable squelch control, all metal construction, 12 frequencies available.

S250H (handheld) or S250P (lavalier) Mfr. List \$699.00
S150H (handheld) or S150P (lavalier) Mfr. List \$599.00
Call For BSW Prices

ELECTRO VOICE**MS2000A
Wireless Mic Systems**

MS2000A true-diversity system offers EV dependability and outstanding reception even under the most adverse conditions. For transmitters, choose from the MT2000A handheld with the N/D757B mic element, or the MB-2000A body-pack transmitter with several options of lavalier microphones.

System Prices Start At \$830.00 Mfr. List
Call BSW 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 BSW 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 BSW For Pricing And Configuration

**VLP SERIES
Wireless Mic Systems**

Our lowest priced wireless system is Samson's VLP Series wireless. Available in lavalier and 3 handheld versions, these systems are great for short range applications.

System Prices All Below \$440.00 Mfr. List
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 \$465.00 Mfr. List For Non-Diversity
Call Toll-Free For Complete Specifications And Prices**

**SC SERIES
Wireless Mic Systems**

The SC Series incorporates new features that set it ahead of the rest. Systems includes 8 user selectable frequencies (4 on traveling systems), single on/off switch in transmitter supported by mute in receiver, and a battery fuel gauge to show how much power is left.

SC24/58 Handheld system Mfr. List \$875.00

SC14/83 Lavalier system Mfr. List \$775.00

Call For BSW 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 \$904.00 Mfr. List Call For BSW Prices**

TELEX**FMR70 SERIES
Wireless Mic System**

FMR70 Series wireless is a true diversity system with professional features in a compact, economical package. Special features include: squelch control, extensive LED display, mic gain adjustment, balanced XLR audio output, mic mute switch, and low battery test button.

**System Prices Based On Configuration
From \$599.00 Mfr. List Call For BSW Prices**

**PROSTAR SERIES
Wireless Mic System**

Telex's most economical wireless system, ProStar is true diversity and is available in handheld and lavalier systems. Features: Permanently attached telescoping antennas (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, or one of three handheld transmitter options. 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 \$1,203.00 Mfr. List Call For BSW Prices**

APHEX



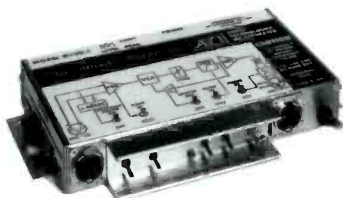
107 Thermionic (Tube) Mic Preamp

The two-channel 107 combines the best attributes of both tube and solid state providing unmatched performance. In short this baby is hot and quiet with up to 64 dB of gain available and noise spec of -128 dBu worst case at max gain. Additional features: switchable 20 dB pad, low cut filter, phase reverse switch and phantom power.

Mfr. List \$595.00

Call For BSW Price

ATI



M100 ULTIMIKE Microphone Preamplifier

This unusually quiet preamp has impressive hum and RF rejection and accepts +20 dBm maximum input. Features switchable and adjustable gain, limiter, lo-cut filter, 48 volt phantom power and a phase reversing switch.

Mfr. List \$349.00

Call For BSW Price

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



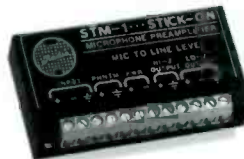
FP11 Mic-to-Line Amplifier

The FP11 is a portable, 1-input, 1-output microphone-to-line level amplifier designed for field production. Balanced, locking XLR input, balanced XLR and binding post output, switchable peak limiter, AUX input, and a removable belt clip. Powered by one standard 9V battery.

Mfr. List \$325.00

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

Call For BSW Price

STM2 Mfr. List \$109.95

Call For BSW Price

PS24A Power Supply

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 \$65.50

Call For BSW Price

PROCO



MS42 4 Channel Mic Splitter

For splitting signal from a low-Z microphone to two feeds. 4 channels, each with female XLR inputs, direct and isolated XLR outputs. Isolated output has a ground lift switch.

Mfr. List \$342.50

Call For BSW Price



MC-2 Microphone Combiner

For combining signals from two low impedance mics to feed one input. Inputs are XLR female, output is XLR male. Polarity reverse switch available on one input. Extends your mixer capability.

Mfr. List \$134.50

Call For BSW Price

SHURE



A97A/F Line Matching Transformers

Matches low impedance (150 ohm to 600 ohm) microphone outputs to medium impedance (1k ohm to 10k ohm) inputs. Model A97A is XLR to 1/4" male/female phone connectors. Model A97F is XLR to 1/8" miniplug.

A97A BSW Price \$38.50

A97F BSW Price \$47.00

WHIRLWIND



LITTLE IMP Mic Transformer

Impedance matching transformer XLR type low in to 1/4" high out. Quality construction.

BSW Price \$12.25



SPLITTER/COMBINER Mic Splitters/Combiners

1 low impedance input into 2 or 3 low impedance, transformer isolated outputs. Provides separate ground lifts. Combiner combines 2 low impedance mic inputs to one out with phase reversal switch.

SPLITTER1X2 Mfr. List \$62.75 Call For BSW Price

SPLITTER1X3 Mfr. List \$70.25 Call For BSW Price

IMPCOMBINER Mfr. List \$72.95 Call For BSW Price

RAXXESS



POMT/STOP6 Studio Pop Filter

Get maximum protection against P-popping without sound coloration. With the STOP6/POMT screen/gooseneck/clamp combination allows mounting to your studio mic arm.

POMT Mfr. List \$39.95

Call For BSW Price

STOP6 Mfr. List \$19.95

Call For BSW Price

WINDTECH



MD421U and RE20 shown with WS1

SM58 shown with 300 Series
SM57 shown with 5700 Series
635A shown with 600 Series

Windscreens

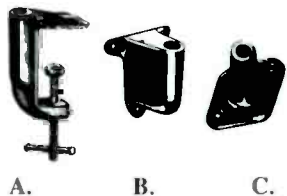
WindTech™ windscreens are high quality, cost effective, come in a large variety of colors and fit most microphone models. These screens are made of an open-cell, hypo-allergenic foam that won't color sound, yet provide maximum protection against wind-noise and P-popping. The nature of their composition makes them long lasting, holding their shape and color even after washing.

Just call BSW, specify the mic you are using, and choose from virtually any color of the rainbow (plus neons and tie-dyes on certain models). Low cost windscreens for shotgun mics also available.

Series	Description	Inside diameter	BSW Price
WS1	X-Large Cylindrical	2"	\$19.95
900	Large Spherical	1 5/8"	\$4.95
300	Regular Spherical	1 3/8"	\$4.75
600	Small Spherical	1"	\$4.25
5700	Squared Cylindrical	1"	\$4.25
1200	Large Cylindrical	3/4"	\$3.75
1300	Small Cylindrical	5/8"	\$3.50
500	Podium	1/2"	\$3.25
1100	Lapel	1/4"	\$3.25
1500	Round Lavalier	3/8"	\$3.25
2300	Mini Round Lavalier	3/16"	\$3.00
2100	Tear-Drop	1/4"	\$3.00

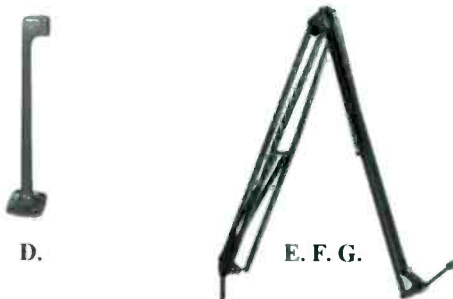
Please specify color

LUXO



Mounting Brackets For Booms

- A. Clamp Mount
- B. Wall Mount
- C. Desk Mount
- A. - B. or C.
- Your Choice \$10.95 ea.



- D. RISER 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.
BSW Price \$65.00

- F. LM1 41" reach, for 1 lb. microphones. Oyster or black color.
BSW Price \$65.00
- G. LM2 26" reach for 1 lb. microphones. Grey color.
BSW Price \$65.00



ATLAS

- H. DS2 Vibration Isolating Stand
Non-adjustable 3" high chrome tube. Non-reflective 4"x 6" charcoal base.
BSW Price \$23.10
- 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 \$16.05
- 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 \$29.95



- K. DS5 General Purpose Stand
Non-adjustable 4" high chrome tube. 6" diameter cast iron charcoal base.
BSW Price \$11.00
- 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

BSW



IC6 Interview Cable

This 6' adaptor cable allows the use of pro level mics with Marantz portable field recorders. Female XLR to 1/8" mini plug.
BSW Price \$14.00

PROCABLE



M10/M25 Microphone Cable

High quality, low loss mic cable featuring XLR connectors. Black cable is flexible without a memory. Quantity Discounts Available.
M10 (10') BSW Price \$7.95
M25 (25') BSW Price \$11.95

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 \$3.75

OTARI**MX5050/MKIV 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

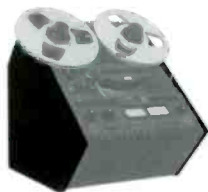
MX5050BIII	Mfr. List \$4,200.00
MX5050BQIII	Mfr. List \$7,204.00
MKIV-2	Mfr. List \$4,915.00
MKIV-4	Mfr. List \$8,450.00
MKIV-8	Mfr. List \$9,650.00

Call For BSW Prices

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****MX55N/MX55NM
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 \$5,500.00

Call For BSW Price

MX55NM Mfr. List \$7,350.00

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 \$3,050.00

Call For BSW Price

REVOX**PR99MKIII
2-Channel Recorder**

True to the Studer Revox tradition, the PR99MKIII 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 and optional remote control.

Mfr. List \$2,999.00

Call For BSW Price



32 2-Channel Recorder

An outstanding value in 2 track reel-to-reel for 2 track mastering and light production work. Look at these features: Two slotless DC motors and durable capstan motor ensure fast, gentle tape handling with minimal wow and flutter. Digital tape counter features zero return (and it stops accurately), 2 speeds, 7 1/2 and 15 ips, pitch control ($\pm 12\%$), dump edit function, cue lever and front panel headphone jack with level control. Optional rack mount and wired remote control available.

Mfr. List \$2,299.00

Call For BSW Price



CS607B Roll Around Recorder Stand

This handy rack stand puts your recorder at the angle best suited to your working conditions and allows you to move your recorder around the studio easily.

Mfr. List \$575.00

Call For BSW Price

TASCAM



TSR8 Multitrack Recorder

This compact 8-track recorder offers the highest sound quality on a 1/2" tape format. Features include: External sync capability, built-in dbx type-I noise reduction, automatic, gapless punch in/out with rehearsal, real-time tape counter and 3-point auto location, dump edit, manual edit, spot erase and much more. Options include RC408 remote control and RM408 rack kit.

Mfr. List \$3,499.00

Call For BSW Price



MSR16 Multitrack Recorder

The MSR16 16-track recorder incorporates the most advanced Tascam analog technology and a wide range of versatile control features. Based around the convenient 1/2" tape format, the MSR16 is available with dbx or Dolby-S (MSR16S) noise reduction for super quiet performance. Auto punch-in/out with rehearsal makes recording and overdubbing easier than ever, while specially designed circuitry makes overdubs and inserts gapless and noiseless. The transport supports switchable tape speeds (15/7.5 IPS) and can be externally controlled. RC416 is optional remote control.

MSR16 Mfr. List \$7,999.00

Call For BSW Price

MSR16S Mfr. List \$8,999.00

Call For BSW Price

FOSTEX



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 \$2,795.00

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) \$25.40	(10+) \$23.85

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) \$4.24	(40+) \$3.98
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) \$27.00	(10+) \$19.40

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.	605 5" empty box	.50 ea.
6089 10 1/2" - NAB Center	\$3.30 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) \$12.75	(12+) \$11.60
9961412PR7 1/4" x 1200'	7" plastic reel	(1-19) \$8.95	(20+) \$8.00
9961425RD 1/4" x 2500'	10 1/2" metal reel	(1-11) \$23.35	(12+) \$21.00

966 Audio Mastering Tape

966 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. 967 Mastering tape is a 1 mil. version for extended recording applications.

Model	Description	Price ea.	Price ea.
9661425HPB 1/4" x 2500'	10 1/2" pancake	(1-11) \$12.45	(12+) \$11.30
9661412PR7 1/4" x 1200'	7" plastic reel	(1-19) \$8.65	(20+) \$7.85
9661425RN 1/4" x 2500'	10 1/2" metal reel	(1-11) \$23.00	(12+) \$20.85
9671436HPB 1/4" x 3600'	10 1/2" pancake	(1-11) \$22.50	(12+) \$20.40
9671418PR7 1/4" x 1800'	7" plastic reel	(1-19) \$11.55	(20+) \$10.50
9671436RN 1/4" x 3600'	10 1/2" metal reel	(1-11) \$22.50	(12+) \$23.00

908 SERIES Audio Mastering Tape

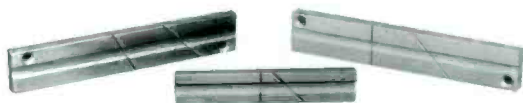
A great all-around work tape, Scotch 908 is specially formulated to meet the high output, low print requirements.

Model	Description	Price ea.	Price ea.
9081425HPB 1/4" x 2500'	10 1/2" pancake	(1-11) \$11.15	(12+) \$10.10
9081412PR7 1/4" x 1200'	7" plastic reel	(1-19) \$8.00	(20+) \$7.25
9081425RN 1/4" x 2500'	10 1/2" metal reel	(1-11) \$20.60	(12+) \$18.75

Recording/Accessories

Splicing Tape	BSW Price
67732100 100' Spool	\$4.80
62073266 60' Spool	\$3.90
Leader Tape	BSW Price
61W1415 White Polyester 1500' Reel	\$15.80

FOSTEX/GENEVA/XEDIT

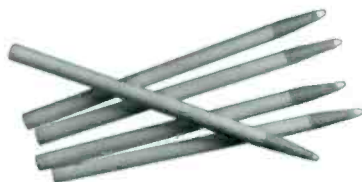


A. B. C.

SPLICING BLOCKS

- | | |
|-------------------------|-------------------|
| A. EDITALL S3 | BSW Price \$47.50 |
| S3/90 (90°/45°) | BSW Price \$47.50 |
| S3/OT (Fits Otari 5050) | BSW Price \$62.70 |
| B. FOSTEX 9930 | BSW Price \$20.90 |
| C. GENEVA PF311 | BSW Price \$35.10 |

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 \$9.05

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.

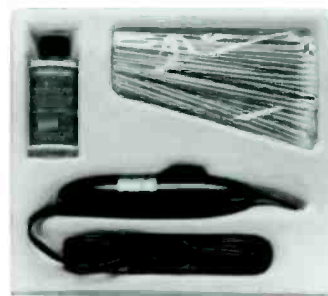
INTRACLEAN



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 \$22.00

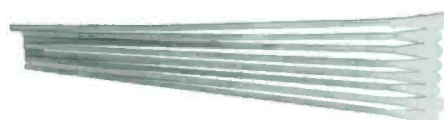


K161 Recorder Maintenance Kit

The K161 professional care kit offers complete tape head maintenance for reel-to-reel, and other recording machines. Includes a 2 oz. bottle of S-711 head cleaner, 100 cotton swabs and wand-style head demagnetizer.

Mfr. List \$39.95 Call For BSW Price

BSW



COTTON SWABS

For cleaning tape heads. Extra long for hard to reach areas. Cotton tip stays on when wet.

BCS 100 (100 Quantity)	BSW Price \$2.95
BCS 500 (500 Quantity)	BSW Price \$10.95
BCS 1000 (1000 Quantity)	BSW Price \$19.95

STL/MRL



TEST TAPES

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

Call BSW With Your Requirements

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 \$499.00

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

STANTON**DSM4
Turntable Slip Mats**

These slip mats are manufactured from a resin treated, glazed urethane material with anti-static properties. They provide a cushioned base for LP's and are excellent for backcuing. Package contains 2 slip mats.

BSW Price \$9.95

STANTON**Cartridge**

Model	BSW Price
500AL	\$18.30
500EL	\$20.20
500EMKII	\$16.30
681EEEMKIII	\$67.90
881SMKIIIS	\$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	\$19.80
D6800EEEIII	\$34.50
D811IS	\$57.70
D89AL	\$27.90
D6800AL	\$19.80
D6800EEEIII	\$34.50

SHURE**Cartridge**

Model	BSW Price
M44-7	\$27.70
M44-C	\$27.70
M44-E	\$35.00
SC35C	\$36.30

Replacement Styli

Model	BSW Price
N44-7	\$17.00
N44-C	\$17.00
N55-E	\$20.45
SS35C	\$17.30
SS39B	\$26.00

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

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

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

SHURE**M64A
Stereo Preamp**

This handy preamp can accommodate three input levels: phono, tape and mic. Three position switch selects the input level as well as the appropriate EQ curves to match the application.

Mfr. List \$160.00

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

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" full range cube speaker with snap-away grill. 60 Hz to 15 kHz

Mfr. List \$118.00/pair

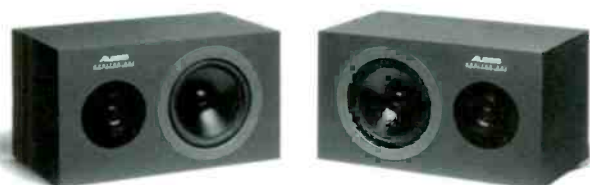
Call For BSW Price

20306
Monitor Speaker

Two-way system with phenolic tweeter and 8" woofer. Compact 19 1/2" x 11" x 7 1/4" cabinet with walnut grain vinyl covering. Flat response from 50 Hz to 20 kHz.

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 \$399.00/pair

Call For BSW Price

Available In North America Only

AURATONE

5PSC

5RMC

5PSC/5RMC
Compact Monitor Speakers

Auraton speakers have gained a world-wide reputation as reference monitors that reflect realistic sound without excess coloration. The prime example is their compact monitor known as "the Cube". The current "Cube" is the model 5PSC Primo Sound Cube™.

The 5RMC is actually 3 shielded monitors contained in a three channel, three compartment ultra compact enclosure. It can be rack mounted and provides an excellent way of A/B testing of mono and stereo program sources.

5PSC

Mfr. List \$150.00/pair

5RMC

Mfr. List \$210.00 ea.

RM525 (Rack Mount Kit For 5MCV)

Mfr. List \$9.95

Call For BSW Prices

ELECTRO-VOICE

S-40B

S-60

S-80

S SERIES
Compact Monitor Speakers

The Electro-Voice S-40 is a high-performance 2-way personal sized monitor housed in a high-impact polystyrene enclosure. It features exceptional bass response for its size, smooth, extended top end and independent protection for the woofer and tweeter. Long-term power handling is rated at 160 watts. Optional mounting hardware allows stand mounting or wall and surface placement. Available in black or white.

The S-60 and S-80 from Electro-Voice are compact, two-way constant directivity speaker systems designed for sound reinforcement and monitoring. Their small size, high sensitivity and high power-handling capability make them excellent all purpose speakers. The S-60 features a 6" woofer and a 1 1/4" tweeter with a dispersion-controlling beveled opening. The S-80 utilizes the same high frequency system with an 8" woofer and ported enclosure for extended bass. Both models feature automatic resetting tweeter protection and flexible mounting options.

S40B

Mfr. List \$300.00/pair

S40MBB (Mounting Bracket)

Mfr. List \$31.50

S-60

Mfr. List \$224.00 ea.

S-80

Mfr. List \$270.00 ea.

Call For BSW Prices

ELECTRO-VOICE**SENTRY 100A
Monitor Speakers**

Just because your monitor space is limited, you don't have to compromise on sonic accuracy. The Sentry 100A is a compact, no frills speaker system. It's the oldest member of the Sentry family and has become the industry standard of reliability. The Sentry 100A delivers a flat 45 to 18,000 Hz frequency response with a wide 120° dispersion at 5,000 Hz. The Super Dome™ tweeter handles a remarkable 25 watts of input power and is matched with an 8" direct radiator woofer in an optimally vented enclosure.

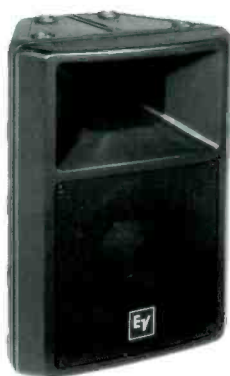
SENTRY 100EL

The Sentry 100EL combines the reproduction components of the Sentry 100A with an integral high performance 50 watt power amplifier that's perfectly matched to the requirements of the speaker system.

SENTRY 100A
SENTRY 100EL

Mfr. List \$367.00 ea.
Mfr. List \$780.00 ea.

Call For BSW Prices

**SX100
Loudspeaker**

The SX100 is 200 watt, two-way, high efficiency portable speaker system with a 12" low frequency driver and a molded-in constant-directivity horn. It is lightweight (32 lbs.) and made of very durable polypropylene structural foam with molded-in handles and attachment points for secure mounting and suspending. It can be easily fitted with a tripod stand and makes an excellent loudspeaker for remote work. Its trapezoidal shape and suspension points make it perfect for flying in arrays as well.

Mfr. List \$650.00

Call For BSW Price

JBL**4200 SERIES
Monitor Speakers**

The 4200 Series from JBL is the shape and the sound of things to come. This radical speaker design was specifically developed for near-field monitoring. To provide maximum stereo imaging while reducing the potential for listener fatigue, the pure titanium dome tweeter and the cone transducer are offset and aimed to deliver both HF and LF information to the listening position at precisely the same instant. The 4206 has a 6 inch woofer and the 4208 contains an 8 inch woofer.

4206 Mfr. List \$430.00/pair

4208 Mfr. List \$564.00/pair

Call For BSW Price

Call For BSW Price



CONTROL 1



CONTROL 1 PLUS



CONTROL 5

**CONTROL SERIES
Monitor Speakers**

These speakers not only sound great, they combine rugged construction with a wide variety of mounting options for maximum flexibility. The Control 1 is a two way system with a 5 1/4" low frequency speaker and a polycarbonate dome tweeter. Frequency response is 70 Hz - 20 kHz. The Control 1 PLUS uses the same enclosure as the Control 1, but uses a more powerful woofer and pure titanium diaphragm tweeter for even greater frequency range. The Control 5 monitor features a 6 1/2" woofer and larger 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(LR)

CONTROL 12SR

Mfr. List \$266.00/pair

Mfr. List \$338.00/pair

Mfr. List \$458.00/pair

Mfr. List \$738.00/pair

Mfr. List \$652.00 ea.

Mfr. List \$908.00 ea.

Call For BSW Prices

4200 SERIES



In the past, small speakers placed atop the mixing console were often chosen for one thing: their ability to duplicate the performance of the average home radio or car stereo. In recent years, the quality of home hi-fi and automotive audio systems has improved dramatically. And, recording engineers have been pushed to upgrade console-top monitors accordingly. The search for the "ultimate" reference monitor was on.

Today's studio can be a complex multi-function music recording, film and video post production, or radio production facility, or as simple as a 4-track studio in a bedroom or garage.

It is now possible to generate top quality recordings in just about any studio environment. Still, no matter how simple or sophisticated the facility, it is clear that the monitor should be the very best it can be.

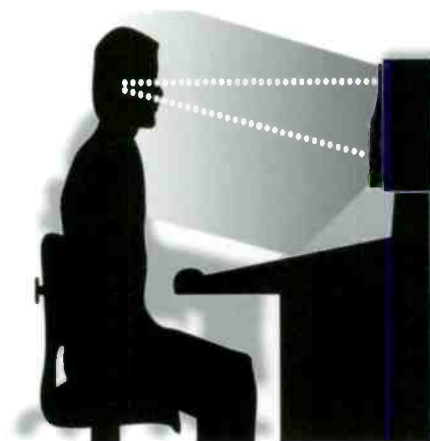
Most critical listening occurs in the final mix, making close proximity monitors more important than the mains. With no standard guidelines with which to judge monitor loudspeakers, one thing, however, was very clear: many console-top monitors were initially designed for the livingroom and not the control room. Until now.

We launched our efforts from your point of view, literally from the position where most of your critical listening and mixing is done: directly across from the mixing console. We interviewed a cross-section of recordists, taking into account the various recording environments' physical and acoustical characteristics, and developed a list of design goals.

From these, we developed the 4200 Series, console-top monitor models designed specifically for use in the near field. Both the 165 mm (6.5 in) model 4206 and the 200 mm (8 in) model 4208 bring a new look, a new sound and a new standard to the multi-purpose studio

environment of today. Starting with the unique Multi-Radial™ sculptured baffle, 4200 Series monitors direct the axial output of the individual components for optimum summing at the most common listening distance: approximately 1 to 1.5 meters (3 to 5 ft).

The Multi-Radial baffle also positions the transducers to achieve alignment of their acoustic centers so that low, mid and high frequency infor-



mation reaches your ears at the same point in time, resulting in superb imaging and greatly reduced phase distortion.

The curved surface of the injection molded ABS baffle serves to direct possible reflections of the shorter wavelengths away from the listening position, virtually eliminating baffle diffraction distortion. Vertical alignment of the transducers across the baffle center produces natural mirror-imaging.

A new 25 mm (1 in) pure titanium diaphragm high frequency transducer was developed for smooth, extended response. The incorporation of JBL's patented "diamond pattern surround" provides control over secondary resonances for virtually flat axial response

beyond the upper limits of human hearing. This new device features a uniquely shaped "lens" which acts as a mechanical filter to balance energy output to within ± 2 dB to 20 kHz. Its magnet assembly is shielded to allow safe placement near magnetically sensitive equipment such as CRT's and tape recorders.

LF components also feature magnetic shielding making the 4200 Series monitors ideal for use in video post production facilities as well as music recording studios. The long, linear excursion design of the low frequency transducers results in smooth extended bass output with less distortion and power compression than competitive systems.

Smooth transition from low to high frequency components is achieved through carefully engineered high complexity crossover networks. Tight tolerances are maintained to achieve seamless summing and minimal distortion.

After nearly two years of solid research and development, 4200 Series console-top monitors are specifically designed for the studio, in the studio. They offer exceptional sonic performance, with features typically associated with systems several times their price.

THE SHAPE AND SOUND OF THINGS TO COME.

JBL Professional



8500 Balboa Boulevard, Northridge, CA 91329

■ A Harman International Company

JBL**4400A SERIES
Monitor Speakers**

JBL's 4400A Series studio monitors have become one of the most frequently asked for speakers in the broadcast industry. Now JBL has improved on their solid design and introduced the 4400A Series. Included in the new Series are the 4408A (8", 2-way), 4410A (10", 3-way) and the 4412A (12", 3-way). JBL has upgraded all major components and circuitry for even smoother, more accurate audio monitoring. They've also given the new 4400A's a new look with matte grey laminate finish and charcoal grill cloth.

4408A (specify left or right)	Mfr. List \$333.00 ea.
4410A (specify left or right)	Mfr. List \$462.00 ea.
4412A (specify left or right)	Mfr. List \$693.00 ea.

Call For BSW Prices

RAMSA**WSA SERIES
Loudspeakers**

Ramsa loudspeakers are tough, compact, and sound great. Use them as portable monitors, for remotes, or in clubs. The durable synthetic cabinets are designed for stacking or use with floor stands or other mounting hardware.

The WSA200 features a 12 inch woofer in a ported enclosure and a high-quality compression driver mounted to a constant directivity twin bessel horn. It delivers outstanding performance from 70 Hz to beyond the audible frequency range.

The WSA80 utilizes an 8" woofer and a 1" soft-dome transducer mounted in a constant directivity horn for maximum dispersion.

For applications requiring maximum bass output add the WSA240 subwoofer (same cabinet size as the WSA200) and WSSP2 subwoofer processor.

WSA200 12 inch 2-way	Mfr. List \$760.00 ea.
WSA240 subwoofer	Mfr. List \$620.00 ea.
WSA80 8 inch 2-way	Mfr. List \$350.00 ea.
WSSP2A subwoofer processor	Mfr. List \$350.00 ea.

Call For BSW Prices

TANNOY**PBM/SYSTEM SERIES
Monitor Speakers**

If you're dissatisfied with the sound you are getting from your current near-field monitors or are looking to step into a new category of listening accuracy, then let us suggest a set of monitors from Tannoy. Whether you choose the classic design of the PBM6.5 or PBM8 or the incredible System 6, 8, 10, or 12 with unique concentric speaker design, you can be assured of extremely high quality and accurate sound. Not only do Tannoy speakers sound good, they're built to stick around and carry a 5-year warranty.

Call BSW Today For More Information And Pricing

YAMAHA**NS10MS
Monitor Speakers**

The Yamaha NS-10MS Studio speaker system has been created specifically for close-field monitoring in professional sound studios. Optimum woofer/tweeter matching and careful crossover design ensure smooth, natural transition between frequency ranges with minimum phase variation. Frequency response is remarkably flat from 60 Hz right up to 20 kHz, and superior transient response delivers crisp, transparent sound.

Mfr. List \$478.00/pair

Call For BSW Price

**S8M
Monitor Speakers**

The S8M is the answer for those needing an economical reference monitor with good quality. The S8M provides a smooth, flat response from 50 Hz to 20 kHz, a fully developed sound field and full stereo imaging within a few feet of the speaker. Features high sensitivity and high power handling capability.

Mfr. List \$199.00/pair

Call For BSW Price

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. The 6301BEAV is a shielded version that can be used in proximity to video monitors. It features balanced, XLR inputs for direct connection to pro consoles etc. An optional rack kit (6301BDUALRAC) is available from Middle Atlantic that allows mounting of two 6301 series speakers in a horizontal orientation in only 3 rack units of space.

6301B Mfr. List \$478.00/pair **Call For BSW Price**
6301BEAV Mfr. List \$550.00/pair **Call For BSW Price**
6301BDUALRAC Mfr. List \$98.00 **Call For BSW Price**

WOHLER

Shown with optional level meters and phase indicator.

**AMP-1A
Amplified Speaker**

The AMP-1A provides self-powered, full fidelity stereo monitoring in the smallest rack space possible. It contains five high performance transducers driven by three power amp sections. Two amp/driver combinations handle the midrange and high frequency information in stereo, while the third center channel reproduces information below 500 Hz. This unique design has two important advantages. First, it provides optimally focused sound for operators in an "ultra near field" (1' to 3') working environment. Second, electronic rather than acoustic cancellation of bass frequencies provides positive audible detection of out-of-phase audio feeds. The standard AMP-1A features extensive magnetic shielding and comes with a ganged stereo volume control, balance pot, balanced loop through XLR and unbalanced RCA input connectors. There are a number of optional features available including visual level and phase monitoring, multiple input sets, input gain switch, specialized input connectors, transformer coupled inputs, headphone output, dual concentric or separate channel volume controls and full output power 12V DC operation capability.

Mfr. List \$695.00 (standard unit) **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**

Pivotelli supports are made from the finest solid premium grade steel which is contoured at all edges and joints and coated with durable nylon finish for maximum protection. Tightly clamping grips mean you never have to drill holes in speakers or other equipment. Pivotelli supports come in a wide range of styles from simple single pivot to complex multiple pivot systems. They can accommodate cabinet sizes from 7 1/2" to 47" and weights up to 176 lbs. safely and securely.

Call BSW With Your Requirements

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**DT411**

One of the few high-quality, lightweight open ear style headphones still available. These comfortable headphones utilize extremely efficient transducers for excellent sound quality and offer high SPL capability. Impedance rating is 250 ohm. Frequency response is 15-20,000 Hz.

Mfr. List \$149.00

Call For BSW Price

FOSTEX**T20RP**

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

Mfr. List \$129.00

Call For BSW Price

KOSS

LifeTime Warranty

GT5

The GT-5 is a lightweight, inexpensive, great sounding, open-ear style headphone. It features replaceable foam earcushions, sturdy construction with detachable parts and easy access to solder lugs for repairing cable if necessary. Frequency response 20 Hz to 20,000 Hz.

Mfr. List \$29.99

Call For BSW Price

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

KOSS

LifeTime Warranty

TD60

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

Mfr. List \$19.99

Call For BSW Price

SENNHEISER**HD25SP**

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

Mfr. List \$129.00

Call For BSW Price

SONY**7506**

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 \$159.00

Call For BSW Price

SONY**7504**

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

Mfr. List \$119.00

Call For BSW Price

**7502**

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

Mfr. List \$69.00

Call For BSW Price

STANTON**101HB
Cuing Headphone**

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

Mfr. List \$82.95

Call For BSW Price

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 \$359.00

Call For BSW Price

BEYER**DT190
Headset**

The DT190 combines Beyer's best sounding hyper cardioid mic element and studio quality headphone elements in the classic Beyer headset design. An industry standard for remote sports broadcasting, the DT109K offers good sound, comfort and durability. DT108K is a single-ear version of the DT109K.

DT190 Mfr. List \$399.00

Call For BSW Price

DT109K Mfr. List \$349.00

Call For BSW Price

DT108K (Single Ear) Mfr. List \$289.00

Call For BSW Price

CROWN**CM311HS/CM312HS
Condenser Boom Microphones**

Turn the popular Sony 7506 into an excellent sounding broadcast headset with the Crown CM311HS and CM312HS head-worn condenser microphones. CM311HS utilizes Crown's Differiod® element for maximum noise rejection for use in high noise environments. The CM312HS is a hypercardioid mic with good sound cancelling properties. It looks inconspicuous since it can be placed at the corner of the user's mouth. Both mics can be mounted to the 7506 in right or left orientation. Sony headphones purchased separately.

CM311HS Mfr. List \$299.00

Call For BSW Price

CM312HS Mfr. List \$279.00

Call For BSW Price

SENNHEISER**HMD224
Headset**

One of broadcasting's most popular headsets, the HMD224 incorporates a dynamic cardioid microphone with sealed ear headphone configuration. 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. Headphone frequency response, 100 Hz to 8,000 Hz; mic response 50 Hz to 15,000 Hz.

Mfr. List \$251.50

Call For BSW Price

TELEX**V220
Headset**

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

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

V220 Double Sided Headphone W/Boom

Mfr. List \$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 Prices

ATI**HD1000/HD100
Headphone Amplifiers**

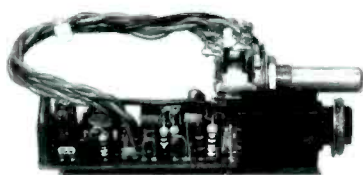
HD1000 drives 4 stereo headphone outputs from a balanced stereo or mono line input plus a front panel mic input that can be panned left or right. A balanced stereo loop output is provided to feed any number of HD100 single stereo headphone modules. The HD100 is a self contained single channel headphone 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, etc. Designed for headphones with impedances from 60 to 600 ohms. This kit requires power supply and installation.

BSW Price \$70.00

FOSTEX**PH-5
Headphone Distribution Amp**

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

Mfr. List \$189.00

Call For BSW Price

FURMAN**HA6
Headphone/Monitor Amp**

This unique amplifier has plenty of power - enough to power headphones and monitor speakers. Its 20 watt per channel amplifier can drive 6 sets of headphones of any impedance to their full rated listening level with very little noise or distortion. Then, with a push of a button you can route the power to monitor speakers, eliminating the need for two amplifiers in a production room.

Mfr. List \$419.00

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

ROLLS**RA62HA
Headphone Amplifier**

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

Mfr. List \$228.00

Call For BSW Price

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 \$71.25

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.

Console Table	Mfr. List \$995.00
Sloped Equipment Rack	Mfr. List \$375.00
45 Degree Joining Table	Mfr. List \$249.00
Double Pedestal Cabinet	Mfr. List \$895.00

Call For BSW Prices



MURPHY FURNITURE

Standard features on all Murphy Furniture include oak trim on all exposed edges, a bumper base covered with a non-chip material, plexiglass panels over racks near operators feet and sloped faces on all returns. Wire management and passive ventilation systems have also been incorporated into the designs.

The Elite Series offers a curved bumper base, single level construction and total modularity.

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

The Dub/Edit Station is a durable desk system with a wire management area.

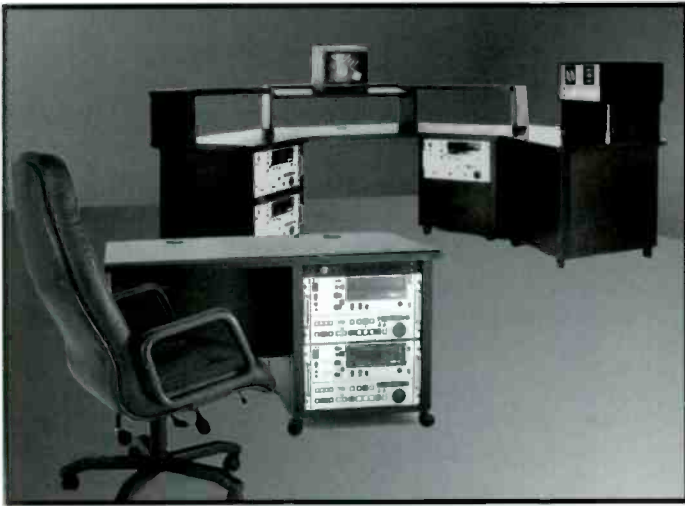
The Classic Series is an economy line of furniture featuring a wire management area formed by modesty panels around the outside perimeter and aprons around the inside perimeter, 1" thick oak trimmed legs and 1 1/2" x 3/4" oak trim around the counter level. There is a square rack component that sits on the countertop. This line has no undercounter rack space.

Murphy's concept is modular construction with custom fit. The flexibility of these furniture systems will address all your needs. Delivery is 2-4 weeks depending on customization required. This furniture will be shipped RTA" (Ready To Assemble) via van line carriers. Customization of any system component is available.

Call BSW For Pricing And Configuration



NIGEL B. FURNITURE



Nigel B. furniture is designed with a building block approach to allow for personalized configurations at a fraction of the cost of custom built systems. These components are of highest quality and guaranteed for life. Systems range from elaborate work systems to simple edit/dub stations, with an infinite number of combinations in between.

Each component is made with superior grade cold rolled steel between .06" - .125" thick and load tested to handle any audio or video equipment. Once formed and welded, each steel part is carefully 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.

Call BSW Today For A 38 Page Catalog Showing The Complete Line Of Nigel B. Furniture.



STUDIO TECHNOLOGY

Studio Technology is a full service furniture company that caters specifically to the broadcast and recording industry. Not only do they build the finest quality furniture, but they also offer furniture design assistance and turnkey, delivery and installation services. In addition they will build specialty items to suit, such as conference tables, media library storage and computer work stations.

Studio Technology works with you to develop a design that fits the operational needs and budget of your station(s). Though it may seem like an involved process, developing a custom design with Studio Technologies and BSW is about as painless as selecting modular components. In most cases these systems are very competitive with typical modular broadcast furniture prices.

Only the finest quality building materials are used. Standard sheet goods include cabinet grade birch plywood, particle board and melamine component panels. Only 3/4" and 1" thicknesses in these materials are used to maintain structural integrity. Select hardwoods are used as cabinet bracing or table edge treatment. Studio Technologies has several varieties of wood available for trim including oak, cherry, maple, walnut, or mahogany. They will supply any color or design plastic laminate available in the U.S.

Call BSW For A Custom Quote

MIDDLE ATLANTIC



Equipment Racks And Accessories

Middle Atlantic steel equipment racks offer rack solutions for every type of application and budget, from a series of gangable, welded frame racks to the cost-effective, knock-down Slim-5 and even a series of sectional wall racks and desktop turrets. Also available is a series of racks with a unique slide out mechanism to give you unrestricted access to the back of the rack, even when the racks are recessed into a closet or interior wall.

There's also a wide variety of rack accessory items available from Middle Atlantic that facilitate the mounting of just about anything into a standard 19" equipment rack. They feature a complete line of rack shelves, both stock and custom sizes, to fit virtually any piece of equipment. There's a family of storage products including rack shelves, both stock and custom sizes, to fit virtually any piece of equipment. There's a family of storage products including rack drawers and holders for CDs, DATs, cassettes and LPs. They also feature a complete line of rack panels including plain blank panels, vent panels, security covers, and custom drilled panels to accommodate the most popular connectors.

Let a BSW representative help you address the rack need you have with Middle Atlantic products. Ask for a complete line catalog when you call.

Call BSW For Configuration And Pricing



RK SERIES Equipment Racks

High quality, inexpensive equipment racks. Ship flat for easy storage. Assemble quickly with included allen key. Decorative screw caps snap on. Constructed of 5/8" thick, high density particle board, covered with laminate. Rack rails are 1/8" thick black baked enamel steel, tapped full hole spacing to fit all equipment. Rear rack rail option available. 15 7/8" Deep.

RK8 14" (8 space)	Mfr. List \$120.00
RK12 21" (12 space)	Mfr. List \$127.00
RK16 28" (16 space)	Mfr. List \$138.00
RK20 35" (20 space)	Mfr. List \$153.50

Call For BSW Prices

NIGEL B.



STU10



ALDRS



RS

Equipment Racks And Accessories

In addition to making high quality furniture, Nigel B. makes equipment racks and accessories. Shown above are the Audio Tallboy rack (STU-10) with 12 rack spaces below and 12 rack spaces on the slanted top portion, the roll around equipment stand (RS) with 13RU on the pivoting top section and 7RU below, and the AL-DRS desk top equipment rack with 13RU of space that allows your equipment to be tilted to any desired angle.

STU10 Mfr. List \$649.95

RS Mfr. List \$369.95

ALDRS Mfr. List \$189.95

Call For BSW Price

Call For BSW Price

Call For BSW Price

OMNIRAX



Rack Furniture

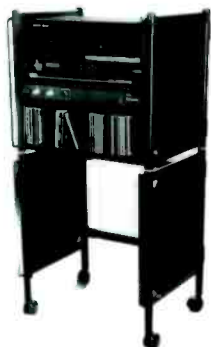
Omnirax offers several unique studio furniture components that can be combined for a number of furniture system configurations specifically designed for use in audio production rooms. From simple roll around rack units to complete digital workstation furniture systems like the ProStation™ pictured above, Omnirax has something for almost any application and budget. All Omnirax products are available in a choice of colored laminates and come complete, ready to assemble with all hardware and instructions.

Call BSW For Product Descriptions And Pricing

QUIK LOK



RS957



RS956

RS955

RS955/RS956/RS957 Equipment Racks

Quik Lok offers an alternative to expensive rack cabinets with heavy duty metal tube construction equipment racks. The RS955 and RS956 are lightweight rack modules that hold up to 10 rack units each. Modules can be stacked up to three high for a total of 30 rack units of space. Both models are identical except that the RS955 has castors.

The RS957 is an 8 space, table top rack that is ruggedly built and includes rubber feet for secure placement that won't scratch counter tops. All units are UPS shippable.

RS955 Mfr. List \$169.95

RS956 Mfr. List \$139.95

RS957 Mfr. List \$69.95

Call For BSW Price

Call For BSW Price

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 Converta Raxx that allows you to consolidate all of your rack mount equipment for remotes into one compact unit. Under the top cover is a 10 space rack that can be moved to any of 8 different stops from zero to 45 degrees, providing the perfect operating angle for a rack mount mixer. Removing the front cover allows use of 6 or 10 more spaces for mounting equipment. Remove the rear cover for easy access to power cables and patch points. All Converta Raxx models feature rugged plywood construction and grey carpet or black laminate covering. Nickel-plated latches, corners, and spring loaded handles finish off these unique racks.

CONVERTARAX From \$179.00 Mfr. List

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



ROCKN'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 \$195.95

RR8 (Mid) Mfr. List \$179.95

RR6 (Mini) Mfr. List \$149.95

Call For BSW Price

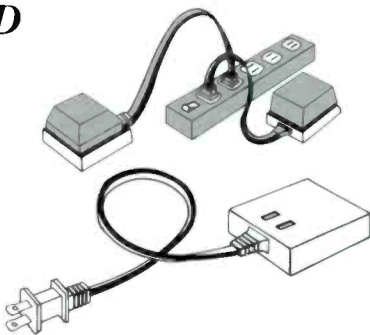
Call For BSW Price

Call For BSW Price

BEST**Power Protection**

Best is the world's largest manufacturer of single-phase UPS (uninterruptable power supplies) and BSW can quote you on a number of Best products ranging from the most compact systems for desk top computer to larger systems that can handle all your critical power needs.

Call With Your Requirements And Ask For BSW Pricing

DR. FERD**DR. FERD'S WART REMOVER
AC Transformer Extender**

Here's a quick and easy answer for those frustrating "wall wart" power supply transformers that always cover up the receptacles in your power strip. The Wart Remover takes the bulky housing of the transformer away from the power strip. Sturdy receptacle base comes with adhesive backing strip.

PSA Wart Remover BSW Price \$6.88

EFI**Power Protection**

EFI provides power protection products from hard wired service entry panels designed to protect your environment against sudden surges in your incoming service, to small power strips for protecting equipment in the racks, to individual components that protect data, FAX and telephone lines. EFI also has a line of uninterruptible power supplies (UPS) to protect your computer and microprocessor-controlled equipment from memory loss when power is down. All EFI products have an unbeatable warranty that includes equipment replacement cost in most cases.

Call With Your Requirements And Ask For BSW Pricing

FURMAN**PL8
Power Conditioner/Light Module**

The model PL-8 Power Conditioner and Light Module is the perfect accessory to any rack-mount system. Install a PL-8 in the top slot of your rack, and the eight switched AC outlets on the rear panel will power up all your equipment while its two slide-out light fixtures provide discrete, shadow-free illumination. A dimmer control lets you adjust the lamp brightness to just the right level. The PL-8 protects your equipment by combining a high voltage surge/transient suppressor with an RFI/EMI interference filter to keep out high level power spikes and lower level electronic noise.

Mfr. List \$159.00

Call For BSW Price

**AR-PRO
Worldwide AC Line Voltage Regulator**

The AR-PRO voltage regulator is intended to protect electronic equipment from problems caused by AC line voltage irregularities. It accepts single phase input AC voltages within two capture ranges (88-134 or 170-264 volts) and converts them to the North American standard 120 volts ($\pm 4\%$). This unit is ideal for situations where local power is unstable, or for use worldwide to convert different voltage levels to be compatible with equipment requiring 120V power. AC-Pro includes twelve AC outlets on its rear panel and two in the front panel, each featuring spike and RFI protection.

Mfr. List \$2,295.00

Call For BSW Price

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

JUICE GOOSE



WORLDWIDE SD International Line Conditioner

The Model SD "step-up/step-down" transformer will convert 120 volts to 240 volts and vice versa at 50 or 60 Hz. At the same time the unit can supply simultaneous power distribution of 120 and 240 volts. 2,400 volt-ampere capacity (20 amperes @ 120 volts, approximately 10 amps at 240 volts).

Mfr. List \$499.00

Call For BSW Price

NIGEL B.



3512SPL



MHI12S



SP8LT/6MHI

Power/Lighting Accessories

Nigel B. offers a 35" 12 outlet AC power strip with full surge protection and gooseneck lamp socket that can be mounted vertically in a standard equipment rack (2 units fit in a 70" rack for 24 outlets).

Innovative power strips are available featuring triple surge protection with options including a BNC gooseneck lamp socket and a front panel telephone/modem jack with cord to give you a phone extension right in your rack.

Nigel's mini gooseneck lamp with weighted base is perfect for near-field lighting.

- | | |
|---|---------------------------|
| 3512SPL (35" power strip w/surge & lamp socket) | Mfr. List \$139.95 |
| SP8LT (8 outlet power/light/tel. strip w/surge.) | Mfr. List \$159.95 |
| SP8 (8 outlet strip with full surge protection) | Mfr. List \$129.95 |
| 6MHI (6" gooseneck lamp w/BNC connector) | Mfr. List \$35.95 |
| 12MHI (12" gooseneck lamp w/BNC connector) | Mfr. List \$37.95 |
| MHI12S (12" gooseneck lamp w/base) | Mfr. List \$59.95 |

Call For BSW Prices

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 \$64.95 per sheet

SONEX



Acoustical Foam

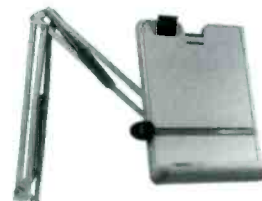
Sonex gives you the greatest choice of colors, thicknesses and sizes of acoustical treatment. Choose from 24" x 48" or 48" x 48" squares in 2", 3" or 4" thickness. Colors are charcoal, blue, brown, and beige.

Sonex 1 Classic is now available with the same pattern and price as standard Sonex for facilities such as schools, churches, offices, or anywhere Class 1 building codes are applicable (white color only).

Call For Pricing And Technical Specifications

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.

PERFECT DATA



16007/16008 Copy Holders

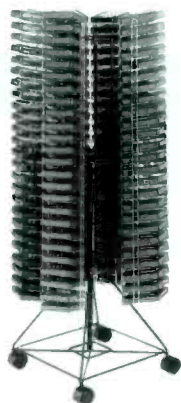
Holders are designed for letter, legal, and A4 size documents. A spring loaded holder clip keeps copy in place. Model 16007 features a lightweight arm for normal copy, the 16008 has a heavy-duty arm for books or stacks of copy. Both holders come with a table clamp mount. Model 16055 is an extension piece that allows the holders to accommodate wider copy.

16007 BSW Price \$60.00
16055 BSW Price \$22.00

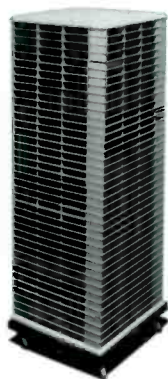
16008P BSW Price \$70.00



560



MR200



100-600

ABCO

Wire Cart/CD Racks

Models

- 300 (Holds 300 carts)
- 500 (Holds 500 carts)
- 280 (Holds 280 CDs)
- 560 (Holds 560 CDs)

Mfr. List

- \$408.45
- \$628.95
- \$368.00
- \$666.75

Call For BSW Prices

FIDELIPAC

Cartridge Racks

Models

- MR200 Lazy Susan (Holds 200 Carts)
- TR48 Lazy Susan (Holds 48 Carts For Countertop Installation)
- TR96 Lazy Susan (Holds 96 Carts For Countertop Installation)

Mfr. List

- \$390.00
- \$109.00
- \$194.00

Call For BSW Prices

INFORMATION DESIGN

Cart Rack Systems

Features: Desk top or floor use • Modular construction for add-on expansion • High-impact polystyrene

Models

- 100-60 (60 Carts Includes Top And Bottom)
- 100-120 (120 Carts Includes Top And Bottom)
- 100-240 (240 Carts Includes Top And Bottom)
- 100-360 (360 Carts Includes Top And Bottom)
- 100-600 (600 Carts With Flat Base And Castors)
- 115 Flat Base With Castors
- 120-1 Metal Storage Base With Castors

Mfr. List

- \$123.00
- \$181.00
- \$297.00
- \$413.00
- \$698.00
- \$70.00
- \$184.00

Call For BSW Prices



A.



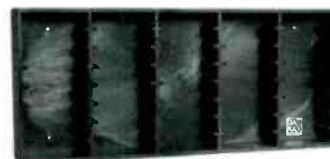
B.



C.



E.



D.

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

BSW Price \$24.50

1217 Cass. Module

BSW Price \$24.50

BSW

(B) AW20 Cart Rack

Holds 20 carts, Made of high impact polystyrene, Great for wall mounting. Includes mounting screws.

BSW Price \$14.25 (Quantity Discounts Available)

(C) AW40 CD Rack

Holds 40 CDs. High impact polystyrene, wall mounting with mounting screws.

BSW Price \$24.95

BRYCO

(D) DRP40 DAT Rack

Precision formed, super tough plastic. Holds 40 DATs.

BSW Price \$21.30

SOHO

(E) CD1BLACK/CD1 SYSTEM CD Racks

These inexpensive, tough racks hold 12 CDs in each stackable, wall mountable unit. System consists of 12 units. Fits Denon cartridges.

CD1BLACK (Holds 12 CDs)

BSW Price \$4.95

CD1SYSTEM (Holds 144 CDs)

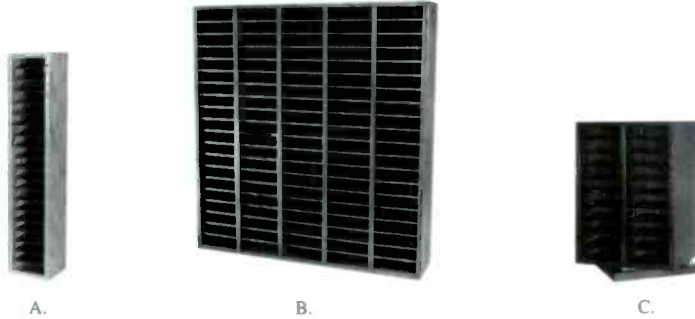
BSW Price \$39.95

PRORAX

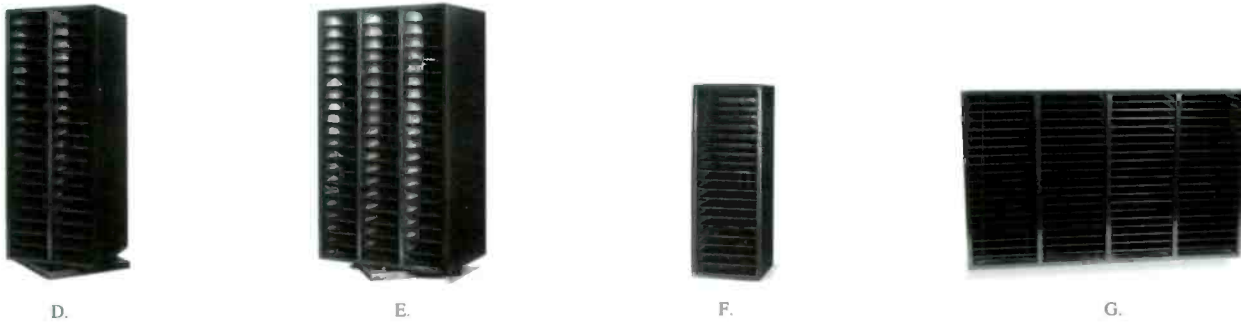
Storage Racks

Hundreds of stations have specified ProRax for their cartridge, cassette and compact disc storage needs. ProRax racks are constructed of the finest quality oak or mahogany hard woods. No particle board or laminates are used. ProRax carousel models have storage on two sides

instead of four, allowing for easier indexing and location. The turning radius is smaller so less countertop or floor space is required. With over 17 models to choose from, we are sure to have the ProRax just right for your operation. Most models are in stock for immediate delivery.



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

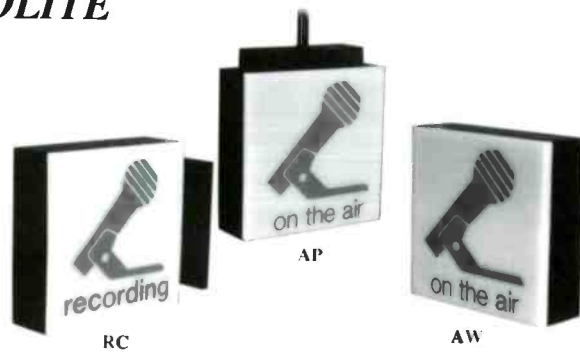


340 SERIES Warning Lights

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 \$80.00 Call For BSW Price
340REC (Recording) Mfr. List \$80.00 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 the air" or "recording" symbols.

AW ("On the air")
RW ("Recording") Flat Wall Single Lens BSW Price \$99.00
AP ("On the air")
RP ("Recording") Ceiling Pendant Double Lens BSW Price \$115.00
AC ("On the air")
RC ("Recording") Extended Wall/Ceiling Double Lens BSW Price \$99.00
Extra Lenses (Specify On air or Rec.) BSW Price \$14.95



L101 Warning Light

Prolite L101 is a great on air light when space is the most important consideration. The L101 fits in a standard single duplex electrical box. It operates on 12 volt DC (power supply not included). Plastic lens is available in white or red color (specify).

BSW Price \$22.95

TITUS TECHNICAL LABS



OAL SERIES Warning Lights

Provides the broadcaster and recording studio with a beautiful but practical means of indicating that a studio is in use. These lights feature a smoked glass window mounted in either a gold or silver frame which is attached to a solid wood mounting base. Oak is the standard wood used but custom woods are available. The warning "ON AIR" or "RECORDING" only appears when illuminated and is blacked out when not in use. Orientation is either vertical or horizontal and wiring is class-2 type low voltage.

BSW Price \$118.75

ENBERG

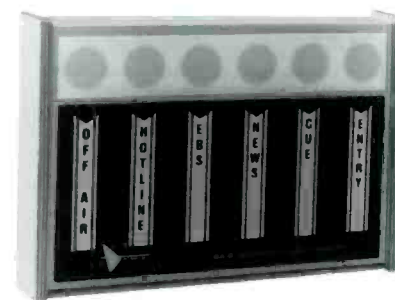


BA6RX



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 Prices

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 ES-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

ESE



ES180A

ES180A/ES160 Master Clock Systems

ESE has created an extensive line of master clocks and accessories to satisfy a wide variety of requirements. Among these systems are the ES180A master clock that reads and decodes the radio time transmitted by the National Bureau of Standards, and the ES160 that operates off it's own time base, with accuracy within a few seconds per month. Both units are capable of driving up to 100 slave displays and both feature battery backup.

ES180A NBS Master Clock	Mfr. List \$2,100.00
ES160 (3 sec per month accuracy)	Mfr. List \$1,315.00
ES160/1 (1 sec per month accuracy)	Mfr. List \$1,525.00
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 Prices

Several models of remote displays available with a wide array of options.
Call BSW for more information and pricing.



ES562F



ES520

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



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. 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 \$795.00
DWT-6 (tabletop timer only w/6-digit display)	Mfr. List \$795.00
AMD1 Analog Master Clock Driver	Mfr. List \$525.00
AC12 12" Analog Clock	Mfr. List \$95.00

Call For BSW Prices

RADIX

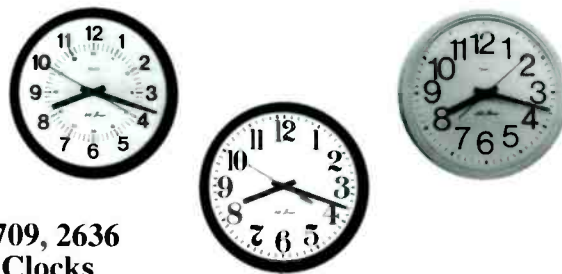


ST500 10 Hour Programmable Up/Down Timer

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.

BSW Price \$169.00

SETH THOMAS



710, 709, 2636 Wall Clocks

The Seth Thomas 710 is our most popular clock for studios. Quartz control assures accurate time. Battery powered by one "AA" cell that will last over a year. Brown case, 14" diameter. red sweep hand.

The Model 709 is AC powered and easy to read from a distance. Diameter is 14" in a brown molded case.

Model 2636 features quartz accuracy and extra bold dial graphics. Popular 14" case size is light beige in color. Shatter resistant, crystal face cover. Red sweep second hand. Uses one AA battery.

710 Mfr. List \$37.00

Call For BSW Price

709 Mfr. List \$26.00

Call For BSW Price

2636 Mfr. List \$37.00

Call For BSW Price

DAVIS



WEATHER MONITOR II Weather Monitoring System

The Davis Weather Monitor II™ is a cost effective weather station that allows you to monitor weather conditions at the push of a button. Weather Monitor II™ gives you the most requested features of a sophisticated weather station such as outside temperature with high /low temp., 12 or 24 hour clock with date, wind direction, wind speed, wind chill, barometric pressure with memory and optional outside humidity and dew point. With the optional rain collector you can measure daily and accumulated rainfall. Weatherlink software option allows you to process and store data through your PC or MAC. System comes complete with anemometer, 40' of cable, external temp. sensor W/25' of cable, junction box W/8' of cable, AC adaptor and instructions.

Weather Monitor II

Mfr. List \$395.00

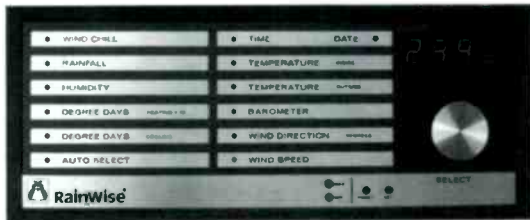
7859 (external temp./humidity sensor)

Mfr. List \$125.00

7852 (rain collector)

Mfr. List \$75.00

Call For BSW Prices

RAINWISE**WS1000C
Weather Monitoring System**

The WS1000C provides digital readout for time, indoor and outdoor temperature, barometric pressure, wind direction, wind speed, wind chill, rainfall and accumulates, degree/day heating, and degree/day cooling throughout the year. Maximums and minimums are provided for any desired period to the nearest hour, day, and month. The unit is 7" high, 17 1/2" long, 1 1/2" deep, and may be mounted without cutting a hole in the wall. The unit uses a low voltage transformer that plugs into a standard AC receptacle. Optional battery pack available. Computer compatible models available.

WS1000C (With 100' Cable) Mfr. List \$990.00
Call For BSW Price

RODCO**COMPUTEMP
Time/Temperature Monitor**

This unit accurately monitors outdoor and indoor temperatures and time of day. Features: Temperature alarm alerts to any pre-determined 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**INFORMERII
Digital Temperature Gauge**

For accurate temperature reporting, we recommend the InformerII. LCD display operates on one AA battery (replace yearly). Records high and low temperatures in memory. Very accurate and works in high RF fields. Includes 50 feet of cable for outside probe (additional lengths available)

BSW Price \$59.00

ADTRAN**ISU128/ISU2X64
ISDN Service Units**

AdTran ISDN terminal adaptors provide a cost effective way to utilize digital audio codecs with standard ISDN basic rate service.

The ISU128 is a stand-alone ISDN service unit that connects data terminal equipment such as audio codecs to the ISDN network. It offers 128 kbps of dialed bandwidth and includes built-in network termination, eliminating the need and expense of an NT1.

The ISU2X64 is a dual port ISDN service unit, capable of supporting two independent channels with 64 kbps bandwidth each. The "U" version also includes an integrated NT1.

Both the ISU128 and the ISU2X64 carry a 5 year warranty.

Other Adtran network products including DSU/CSUs for SW56 and T1 are available from BSW.

ISU128 with NT1 Mfr. List \$995.00

ISU2X64 U-interface with NT1 Mfr. List \$1,455.00

Call For BSW Prices

AEQ**ACD3.000
Digital Audio Codec**

The ACD-3.000 digital audio codec offers full duplex operation and up to 13 kHz audio bandwidth utilizing 56 or 64 kb/s services. This codec makes use of the G.722 and ISO/MPEG Layer II compression algorithms in a wide range of operating modes and combinations. There are three basic modes that can be selected for operation including a Stereo (dual) mode utilizing ISO/MPEG Layer II at a 24 kHz sampling rate yielding about 6.1 kHz bandwidth, a single mono channel utilizing ISO/MPEG Layer II for up to 13 kHz bandwidth or a single mono channel utilizing G.722 for 7.4 kHz bandwidth. Sampling rates of 16, 24, 32 and 48 kHz can be selected to yield various bandwidths for different applications. The ACD-3.000 can be synchronized manually or automatically and will reestablish sync with the last selected operating mode in the event of sync failure. It also offers the flexibility of an auxiliary data channel, at data speeds of 300 and 1200 bauds, which is available when the ISO/MPEG Layer II coding scheme is selected in one of the mono modes. A front panel loop switch provides full testing capabilities, by means of true digital loopback.

Mfr. List \$2,700.00

Call For BSW Price

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
CDQ2000D (decoder only)	Mfr. List \$3,250.00
CDQ2000ED (full duplex codec)	Mfr. List \$7,000.00

Call For BSW Prices



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	Call For BSW Price
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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 Prices

CCS



PRIMA SERIES
Digital Audio Codecs

The Prima Series is the third generation of CCS' MUSICAM® ISO/MPEG Layer II digital audio codecs. Designed for today's needs with technology to take advantage of tomorrow's opportunities, the Prima series offers an array of innovative features and user selectable options. Based on a common core set of features, each of the Prima Series family members provide different options enabling you to configure the exact unit for your particular application. Selecting only the features you need assures you of the most cost effective solution.

Each of the Prima Series codecs contain the following core feature set:

- Integrated support processor** - Prima is the world's first "intelligent codec" with the power of a high-end personal computer
- 18 bit A/D and D/A converters** - offers increased signal to noise
- Plug-in communications interface modules** - select from 1 to 3 slots of ISDN, RS433, X.21 and V.35
- AES/EBU digital I/O**
- Dial keypad** - no need for external terminal adaptors
- Alterable control store** - down load software changes locally or over the network
- Full remote computer control** - all Prima features controllable via RS232-C or RS485
- Simultaneous data transmission** - send RS232-C computer data along with the audio
- Multiple compression technologies** - supports MPEG-I, MPEG-II and G.722 at various rates

In addition to the core feature set, the following optional features are available so you can perfectly match a Prima codec to your specific application.

- Psychoacoustic parameter adjustment** - actually alter the sound produced by the MPEG algorithm in real time
- Alarm relay** - contact closure signals a problem condition
- Inverse line multiplexing** - use several ISDN lines at the same time to increase digital throughput
- Digital VU meter**
- Cue display** - Cue LED is activated by a button press on the far end codec
- Headphone monitoring**
- SMPTE time code** - transmit SMPTE time code in perfect sync with the audio
- Relay closure transmission and reception**
- Synchronous ancillary data**
- MPEG error protection** - support for the Q.58 error detection and correction standard

Mfr. List Prices Range From \$3,000.00 to \$7,000.00
Depending On Model And Options Selected
Call For BSW Pricing

COMREX

connects you with the world

Today the world is literally as close as your telephone, with a number of low cost telco services available allowing wideband audio to be sent and received, from virtually anywhere on the globe.

Since 1961 Comrex has provided reliable, high-quality equipment that lets broadcasters take full advantage of these services. Comrex is committed to staying at the leading edge of technology while providing full support for all of their products in the field.

If you plan to make use of ISDN, T1, Switched 56, dedicated digital lines or standard dial-up services for conveying your audio, choose equipment from the company with experience, Comrex.

• Digital Audio Coders



• Remote Consoles



• Frequency Extenders

BSW is a stocking distributor
for all Comrex products

CIRCUITWERKES



AC2 Telephone Autocoupler

The AC-2's automatic features make it ideal for a variety of tasks such as listen lines, ski reports, etc. Dry relay contacts provide an interface to virtually every type of external device including cart machines. It can be combined with the DTMF-16 to form a dial-up remote control (see ad below for details). Features include: Auto answer and hang-up, automatic or manual control, remote pickup and hang-up control, bidirectional audio connection, automatic signal limiting and much more. An optional combination lock is available to provide secured access for the AC-2.

AC2 Mfr. List \$199.00
C-LOCK Combination lock Mfr. List \$89.00

Call For BSW Prices



DTMF16/AD16 Touchtone® Decoder/Remote Control

The DTMF-16 is ideal for controlling remote satellite receivers, network switching equipment, repeaters, or virtually any control application where local control is inconvenient or impossible. 16 momentary or interlock latch outputs provided on a standard DB-37 connector. The DTMF-16 is available in its own enclosure or built into the AC-2 autocoupler.

When combined with the AC-2 the DTMF-16 is transformed into the AD-16 dial-up remote control. The AD-16 is ideal for emergency transmitter control, remote audio switching and much more. An optional four-digit combination lock is also available for additional system security.

The Silencer option board for the DTMF-16 provides an inexpensive and convenient method for using DTMF remote control tones in your program path without hearing the tones on the air. How does it work? Your remote audio feed is sent through the DTMF-16 and delayed to the output by about 55 milliseconds. The DTMF-16 decoder circuitry detects the incoming DTMF tone in real time and mutes the audio for the duration of the tone. It can detect the tone, mute the audio and fire and output in less time than it takes the delayed audio to reach the output.

Now you can fire IDs, start breaks, light up an attention flasher or control just about anything right in the program path, without getting the tones on the air. This can be used with automation systems for fully automated remote broadcasts.

DTMF16 Mfr. List \$195.00
AD16 DTMF-16/AC-2 Mfr. List \$359.00
C-LOCK Combination lock Mfr. List \$89.00
SILENCER DTMF mute board Mfr. List \$149.00

Call For BSW Prices

COMREX



DX100 Digital Audio Codec

DX100 is the digital audio codec of choice when highest quality with minimum compression is required. Utilizing the popular apt-X audio coding algorithm, the DX100 is capable of 15 kHz stereo transmission 256 kb/s or 15 kHz mono at 128 kb/s (as well as a variety of other rates and modes). This is a very stable algorithm with high immunity to transcoding artifacts and very low delay to facilitate program monitoring.

Mfr. List \$3,000.00

Call For BSW Price



DX200 Digital Audio Codecs

The DX200 uses ISO/MPEG Layer II which allows excellent quality wideband stereo to be sent on a single Basic Rate ISDN phone line or a pair of Switched 56 lines. The DX200 also incorporates a G.722 mode for low delay feeds and wider compatibility with other models.

This is a "second generation" ISO/MPEG Layer II codec implementing many of the recent updates to the Layer II algorithm. There is a built-in Inverse Multiplexer (IMUX) to combine two, independent 56 or 64 kb/s channels for use on SW56, ISDN or dedicated digital lines. The IMUX may be disabled for T1, satellite or wireless modem applications.

Mfr. List \$3,000.00

Call For BSW Price



DXP.1/DXR.1 Digital Audio Codecs

The Model DXP.1 and DXR.1 contain an upgraded version of G.722 that can send bidirectional 15 kHz audio using both B channels of an ISDN line or two SW56 circuits (112/128 kb/s). They automatically drop back to the normal 7.5 kHz when sending a 56/64 kb/s. A major advantage of G.722 is that it is a widely used international telephone standard, providing the best chance for compatibility with the outside world. These codecs are low-delay (allowing real-time program backfeed) and low in cost, both in terms of transmission data rate and hardware required. They are ideal for sports, talk or any type of mono programming.

DXP.1 Rack Mount Codec

Mfr. List \$1,500.00

DXR.1 Portable Codec

Mfr. List \$1,500.00

Call For BSW Prices

COMREX**3XP.1/3XR.1
Multiline Frequency Extender**

The Multiline system provides 50 Hz to 8 kHz audio on three standard dial telephone lines. The 3XP.1 Encoder is built into a rugged, portable case and features automatic dialing and "one-button" setup. Real time audio processing allows program backfeed without delay. An optional rack adaptor is available for the 3XP.1.

The 3XR.1 Decoder will automatically answer and match the gains of the program lines as well as equalize each line across the full telephone band. The unit is housed in a single standard rack. An optional remote control is available to initiate dialing from the 3XR.1.

3XP.1 and 3XR.1 are compatible with all Comrex Two Line Systems.

3XP.1 Encoder Mfr. List \$4,500.00 Call For BSW Price

3XR.1 Decoder Mfr. List \$4,500.00 Call For BSW Price

**2XP/2XR
Two Line Frequency Extender**

The Comrex Two Line has become a "backhaul standard" for sports and syndicated talk programming. This system gives you a full 50 Hz to 5 kHz of program audio using two regular dial-up telephone lines, and its unique noise reduction can quiet just about any phone circuit. The 2XP encoder is used with an external mixer, or for a more compact package, Comrex's STLX Sports Console (see page 35) includes a built-in two line encoder. The 2XR decoder requires two external couplers such as the TCB1A or TCB2A.

2XP Encoder Mfr. List \$3,500.00 Call For BSW Price

2XR Decoder Mfr. List \$3,000.00 Call For BSW Price

**LXT/R
Single Line Frequency Extender**

This basic system restores the low end on telephone transmissions, offering a substantial improvement for telephone remotes. This new model combines encoding/decoding functions and a telephone coupler in one unit and can be set up to send or receive with a flip of a front panel switch. A high frequency enhancement circuit has been added to the encoder for improved audio quality. Compatible with all Comrex one-line systems. An LXT/R is required on both send and receive ends of the telephone line.

Mfr. List \$750.00

Call For BSW Price

COMREX**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

**TCB2/TCB1
Telephone Couplers**

It's easy to put your audio on the phone with the TCB-2 auto-answer coupler from Comrex. Built specifically for broadcast use, the TCB-2 is perfect for listen line applications. Just plug in the standard connectors, attach the power supply and you're ready to go. Coupler answers on the first ring and disconnects when calling party hangs up.

TCB-1 broadcast coupler sends and receives program material via the switched telephone network. This unit requires no external power and connections are standard modular plugs. The TCB-1 contains an FCC registered coupler which provides isolation from hazardous voltages and currents and includes an active circuit to hold the telephone line. 1/4" jack for line level input.

TCB-2 Mfr. List \$250.00

Call For BSW Price

TCB-1 Mfr. List \$150.00

Call For BSW Price

GENTNER



**TS612 DCT
Multi-line Telephone System**

Gentner designed the TS612 DCT multi-line telephone system expressly for ease of use, excellent audio quality, maximum flexibility and expandability.

The control surface on the TS612 DCT has a handset and keypad built in so you can take on-air or off-air calls from any location. Up to 3 control surfaces can be used with a single mainframe. Out of the box it offers connection to 6 phone lines, with simple expansion to 12 lines as an option.

The TS612 DCT is so intuitive and easy to use. For instance, to take a call off-air, just pick up the handset and select the line. If you select a line while the handset is in the cradle, the system automatically places it on the hybrid. If you're talking with someone off-air and wish to place the call on-air, just press the AIR button. Status of each line is indicated by LEDs above the line buttons. The LED glows red for on-air status, green for off-air status and flashes at different rates for ring or hold status or if the line is in use by another control surface.

Two built-in digital Superhybrids, digital audio enhancement and built-in mix minus ensure the highest quality audio with the ability to connect directly to any console.

But it doesn't stop there. These additional features expand the system's flexibility and make it a pleasure to use: control via RS232/422, a VIP button ensures that "VIPs" cannot be deselected or placed on hold, a "Next" feature that selects the call that has been waiting the longest or the next screened call, a caller mute function and two AUX buttons for controlling external equipment such as a delay dump or recorders.

- TS612-6 Six line system** Mfr. List \$2,995.00
- TS612-12 Twelve line system** Mfr. List \$3,990.00
- TS612TEL Extra control surface** Mfr. List \$395.00

Call For BSW Prices



**TELESWITCH
Telephone Call Director**

With TeleSwitch, up to five lines can be directly connected, placed on hold, and routed to a hybrid or telephone set. Conference and even record callers with the press of a button. TeleSwitch will work with most business phone systems. 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 \$1,895.00 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 \$1,795.00 Call For BSW Price

TALK SHOWS CAN BE DIFFICULT...



**Gentner's New TS612
Talk Show Telephone System**

...YOUR PHONE SYSTEM SHOULDN'T BE.

If you're doing talk shows, or putting callers on the air for requests or contests, the TS612 Telephone System is a **MUST** for your studio. You can continue using your regular analog phone lines, and share the lines with your business offices. This versatile phone system is not only easy to use but looks great in your studio. While callers are on-air, you can use this same phone to make off-air calls. A VIP feature completely protects your guest from accidental disconnection.

Features include:

- *6 line system easily expands to 12 lines*
- *Auto Mix-Minus*
- *Two built-in Gentner Superhybrids*
- *Sleek, colorful, modern new design*
- *Easy to learn....simple operation*
- *Fast, uncomplicated installation*
- *Very affordable*
- *Plus several advanced on-air features*

Call BSW about the TS612 and other quality Gentner products, including an extensive line of analog and digital hybrids, audio routing and distribution, audio processing and remote control products.

GENTNER



DHIA Digital Telephone Hybrid

Now you can take advantage of digital signal processing technology to enhance your telephone audio with the Gentner Digital Hybrid 1a. Using DSP technology, DHIA "auto nulls" every time it is activated to provide a match to that particular telephone line's characteristics, so telephone audio is crisp, clear and understandable without annoying feedback or hollowness. Then, during the course of the call, it monitors the telephone line and automatically adapts to any changes that could create problems.

Mfr. List \$1,049.00

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). It can be used for on-air interviews and talk shows, recording telephone calls in the production studio or newsroom, or for teleconferencing applications. Built-in monitor amplifier eliminates the need for guests or talent to wear headsets to hear the caller. The SPH3A is simple to install and works with most analog and digital phone systems, including multi-line systems. SPH3A is fully remoteable.

Mfr. List \$579.00

Call For BSW Price

GENTNER



EFT3100 Frequency Extender

The all-digital EFT3100 frequency extender 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 \$7,350.00 (2 unit system)

Call For BSW Price



EFT900A/EFT1000A Remote Extender Systems

There's no simpler way to get great audio from your remote over a dial-up telephone line than using the EFT900A single-line frequency extender. The telephone coupler, mic/line input, and headset amplifier are all built right in for hassle-free remotes.

The EFT1000A adds further convenience and flexibility with automatic answer/disconnect, automatic setup and the ability to use a second phone line for continuous cues from the station. Two units needed for complete system.

EFT900A Mfr. List \$979.00

Call For BSW Price

EFT1000A Mfr. List \$1,469.00

Call For BSW Price



EFT100 Frequency Extender

Here is your answer for low cost, good quality remotes. The new Gentner EFT100, for use with your existing hybrid, is a two-way frequency extender. This means you get the benefit of hearing the cues back from the station with just one telephone line. If you already have a hybrid, all you need is the EFT100.

Mfr. List \$689.00

Call For BSW Price

GENTNER**TC100R/TC100TT
Automatic Telephone Interface**

The most versatile telephone coupler you'll find. Features include: auto-answer, auto-disconnect, latching or momentary tape starts, built-in hybrid, fully remoteable. TC100TT includes a DTMF decoder.

TC100R Mfr. List \$479.00

Call For BSW Price

TC100TT Mfr. List \$569.00

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

**DIGISTOR
Digital Message Storage System**

DigiStor is a digital message storage system that is ideally suited for telephone "information lines," e.g., concert, ski report, sports scores, etc. DigiStor will store up to 4 minutes of audio for automatic playback via a regular telephone line. The message is stored in digital memory with battery back-up. DigiStor can be programmed to play the message only once, or continuously until the caller hangs up. Play, Stop, and Record functions are remote controllable.

DIGISTOR (2 min./4 min. depending on fidelity) Mfr. List \$395.00

DIGISTORXM (8 min./16 min. depending on fidelity) Mfr. List \$595.00

DIGISTORHF (1 min. 20 sec. extended fidelity) Mfr. List \$420.00

DIGISTORXMHF (5 min., 25 sec. extended fidelity) Mfr. List \$620.00

Call For BSW Prices

**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. Additional features include auto-disconnect and battery backup.

Mfr. List \$895.00

Call For BSW Price

INC

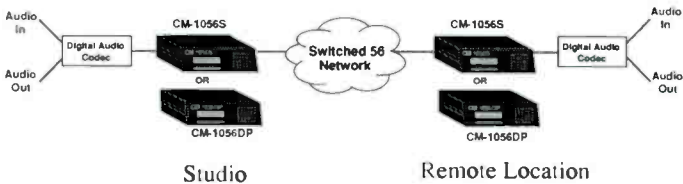


**CM1056S/CM1056DP
CSU/DSU Switched 56 Interface Equipment**

Switched 56 kbps service provides broadcasters with a high quality, economical alternative to costly and difficult to obtain dedicated program lines for conveying wideband audio. 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 for major news events.

Nobody knows Switched 56 services like INC. In fact it's quite possible that they know more about the vast array of available services across the country than your local phone company knows about their own services. Each year INC publishes "The Inside Guide To Switched 56 Digital Data Services". It tells the complete story of what services are available, in what part of the country, by what carriers. Just by calling BSW you can obtain a copy of the guide to help you understand the services available in your area.

INC CSU/DSUs, with the help of digital audio codecs, connect your audio to the switched 56 network. The simple illustration below shows the chain of units to convert your audio to digital data stream, connect it to the Switched 56 network, receive it and decode it on the receive end.



Across the country there are two basic types of Switched 56 services: 2-wire and 4-wire. INC offers several models to fit the appropriate type of service.

The CM-1056S is INC's entry level CSU/DSU for 4-wire networks. It features a single network port for either switched or dedicated service. The CM-1056 is also a 4-wire unit with two network ports, one switched and one dedicated, with a built-in A/B switch controllable from either the front panel or the control port. For areas where a 2-wire system is required, INC offers the CM-1056DP.

INC also offers products to make use of dedicated digital lines as well as T1 products. If you are making use of, or planning to make use of any of these services call BSW and let us introduce you to the network experts at INC.

- CM-1056S** Desktop unit **Mfr. List \$995.00**
- CM-1056** Single rack mount unit **Mfr. List \$1,595.00**
- CM-1056DP** Desktop unit **Mfr. List \$1,050.00**

Call For Additional Models And BSW Pricing

INTERALIA

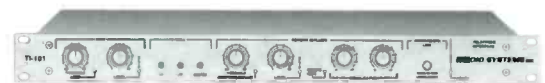


**V SERIES
Digital Announcer**

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 **Call For BSW Price**
(One Line, Two Message, 32 Sec. Storage)

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 \$495.00 **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 and headphone amplifier. AC adapter available.

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

SOUND AMERICA



RSVP Record/Send Phone

Here is the perfect, easy solution for sending or recording audio from the telephone. The RSVP from Sound America is a standard telephone that contains a built-in audio coupler. Cassette recorders will interface directly for recording or sending program material. In addition, the RSVP has an amplified electret condenser microphone for superior voice quality and a mute switch to cut out background noise while recording. Backed by a two year warranty, the RSVP is a perfect product for news and production.

RSVP **BSW Price \$147.75**
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**

ZERCOM



ZH2 Telephone Hybrid

The ZH2 provides a cost effective way to interface your audio console to a telephone line, providing full duplex audio for talk shows and transferring audio over the phone network. It features controls for hybrid null adjust, input and output level, low frequency EQ, high frequency EQ and HF trim. Inputs and outputs are active balanced.

Mfr. List \$455.00 **Call For BSW Price**

TELOS



TELOS ONE/ONE PLUS ONE Digital Telephone Hybrids

The Telos ONE is the perfect low-cost solution for any telephone interface application. The Telos ONE automatically adapts to each call and all processing is in the digital domain. Performance features include sophisticated AGC on input and output; an advanced downward expander on the caller audio; and digital processing to dramatically reduce the chances for feedback when monitoring with open speakers.

The input of the Telos ONE is switchable for mic or line level and two outputs are provided. The ONE comes in either a rack mounting chassis or a modem style case that can be rack mounted with optional panels.

The ONE plus ONE starts with two Telos ONE digital hybrids in a single rack-unit chassis. Each hybrid functions completely independently. A unique internal mix-minus matrix cross couples the outputs of the two hybrids. In a dual hybrid application, you need send the ONE plus ONE only a single mix-minus.

TELOS ONE modem case **Mfr. List \$890.00**
TELOS ONE rack mount **Mfr. List \$1,050.00**
TELOS ONE PLUS ONE **Mfr. List \$2,180.00**

Call For BSW Prices



100 Delta Digital Hybrid

The advanced digital signal processing (DSP) in the Telos 100 Delta results in full-duplex, natural sounding conversation on even the most difficult phone lines. Plus, smart digital gain control and equalization offer increased caller intelligibility. The dynamic digital equalizer is so advanced that its technology is not currently found in any other broadcast product. The EQ examines the caller audio in three bands and automatically equalizes the high and low bands, with reference to the middle band, to create uniform spectral density.

Other digital processing components include logarithmic (dB) dynamics control, context sensitive output AGC, and feedback suppression for greater gain before feedback when monitoring callers through open speakers.

Installation and operational enhancements include dual inputs and outputs, comprehensive metering, and two remotely selectable adjustments for caller override.

Mfr. List \$2,450.00 **Call For BSW Price**

TELOS



**DIM/1A2
Multi-line, Multi-Caller Talk Systems**

Telos offers two options for selection and control of multiple telephone lines in broadcast systems. Complete systems include Telos hybrids, an interface module and control surfaces. The Direct Interface Module (DIM) allows direct connection of up to 10 phone lines. It functions as a full broadcast phone system including program on hold and caller conferencing.

The 1A2 Interface Module makes use of standard 1A2 key telephone equipment. Each handles 10 phone lines and units can be coupled to handle up to 30 lines.

Control options include a desktop switch console and drop-in modules for BE, PR&E, and other popular radio consoles. Caller screening is accomplished with phones or Telos' Call Screen Manager computerized software. (see next column)

- | | |
|------------------------------------|-----------------------------|
| DIM Direct Interface Module | Mfr. List \$1,840.00 |
| 1A2 1A2 Interface Module | Mfr. List \$1,050.00 |
| SWITCH CONSOLE | Mfr. List \$650.00 |

Call For BSW Prices



**1X6
Multi-line Talk System**

The ONE-x-Six has all of the telephone interface equipment needed for talk show programming. A single rack mounting unit houses both a Telos ONE digital hybrid and a six-line, broadcast phone system which includes all of the most popular features found in Telos' top-of-the-line Direct Interface Module.

For system control, the ONE-x-Six is packaged with 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.

A special bundle is available that combines two Switch Consoles and Call Screen Manager host software with a ONE-x-Six.

- | | |
|-------------------------|-----------------------------|
| ONE-x-Six | Mfr. List \$2,180.00 |
| ONE-x-Six Bundle | Mfr. List \$2,960.00 |

Call For BSW Prices

TELOS



**Call Screen Manager
Talk Show Management Software**

Call Screen Manager software compliments the ONE-x-Six and Telos' other talk show systems by helping your screener/director provide your talent with information on each caller. Inexpensive IBM-compatible PCs and peripherals are used and information is displayed in useful, easy-to-interpret formats.

Features include real-time display of line status; full page and quick messages that may be stored and sent with simple keystroke combinations; a caller information database module with modifiable data fields and report and export capabilities; and the ability to accomplish most critical screener functions from the computer keyboard.

Two versions of Call Screen Manager are available. Host Software provides for a director position and any number of talent positions using a single PC. Remote Software allows communications between the studio and talent located at a remote site via modem.

- | | |
|-----------------------------------|---------------------------|
| HOST SOFTWARE | Mfr. List \$349.00 |
| REMOTE & HOST SOFTWARE | Mfr. List \$449.00 |

Call For BSW Prices



**ZEPHYR
Digital Network Audio Transceiver**

By utilizing the most advanced digital audio coding (compression) technology available, Telos Zephyr can convey 15 kHz duplex stereo 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 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 serves as both a transmitter and a receiver and compatibility with existing 7 kHz codecs using G.722.

- | | |
|---|-----------------------------|
| ZEPHYR (9100) Mono With ISDN TA | Mfr. List \$3,980.00 |
| ZEPHYR (9200) Stereo With ISDN TA | Mfr. List \$4,980.00 |
| NT-1 (9801) For use w/Zephyr internal TA | Mfr. List \$195.00 |

Call For BSW Prices And Other Configurations

We Hear You Talking

Telos hybrids give you the most natural-sounding, two-way talk possible.

All over the world, radio stations are programming more talk shows and call-in segments. And those who are most serious about their sound and their ratings are installing Telos.

Telos hybrids have earned their reputation for exceptional performance. In addition to superior trans-hybrid loss for full-duplex audio, Telos



hybrids achieve consistent output level and the ability to monitor callers through open speakers without feedback.

The Telos ONE hybrid comes in three versions: A single hybrid, available in a

The top of the line Telos 100 Delta has our exclusive digital dynamic equalizer which improves the quality of caller voices in a way never before possible.

Our hybrids can be used with our range of accessories to



only from



standard rack mounting chassis or compact modem case, and as the ONE plus ONE, a dual-hybrid with built-in mix-minus matrix.

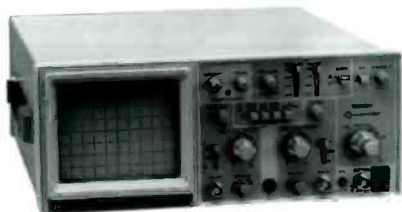
create complete, multi-line phone systems. Call or fax us today for information. Isn't it time you experienced great phones?



- True digital, with all processing performed in the digital domain.
- Sophisticated automatic gain control on input and output audio for perfectly matched levels.
- Advanced caller audio downward expansion and override function.
- Excellent in applications where open monitor speakers are used.
- Switchable mic/line input. 100 Delta has two, mixable inputs.
- Second output with either caller output or a mix of caller and input signals. Dual outputs assist in creating multiple mix-minuses in multi-hybrid installations.
- Metering of input and output levels and gain reduction.
- Auto-answer accessories available for installation flexibility.

Telos Digital Hybrid Telephone Interfaces

B&K



Oscilloscopes

B&K offers one of the industry's broadest lines of oscilloscopes with models ranging from a 15 MHz analog dual-trace unit to a versatile digital storage oscilloscope. No matter what your application, B&K has an oscilloscope to meet your requirements.

Call BSW With Your Requirements

BIRD



Test Equipment

Now in its fifth decade of serving the broadcast industry, Bird Electronic Corporation has been the pioneer in developing products for measurement, filtering and termination of RF power. The Company's products, originally developed in response to specific design requirements of broadcast equipment manufacturers, have since become standards of the industry. Recognizing that broadcast test equipment must be even more reliable than the transmitter, constantly on-call and totally trustworthy, Bird has achieved an enviable record of reliability.

Call BSW With Your Bird Requirements

BECKMAN



DM78/AM10 Multimeters

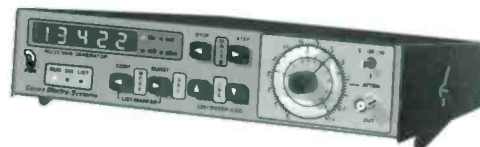
The pocket sized DM78 is a digital auto-ranging meter with 3/8" LCD display. Checks up to 450 volts, AC or DC in four ranges, up to 2000 k ohms in four ranges plus continuity with beeper.

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 \$375.00

Call For BSW Price

DELTA



SNG1 Stereo Noise Generator

The Delta SNG1 offers a number of "laboratory" type features and noise weightings in a very affordable and compact package. Features include true balanced front and rear panel outputs, selectable white, pink, and USASI noise spectra, generates true stereo noise, low DC offset, close channel tracking (>0.5 dB), external input offers unlimited noise envelopes, outs drive either 600 or 50 ohms, meets FCC/NRSC and Canadian D.O.C. requirements.

Mfr. List \$665.00

Call For BSW Price

DORROUGH



1200 Audio Test Set

With the 1200 you can take stereo measurements of level, balance, crosstalk, and signal-to-noise over the entire dynamic range of your audio system from noise floor to clipping. The set includes a pair of input amplifiers, a 30 dB step precision attenuator, two "B" scale VU meters (measured in 1 dB increments over a 40 dB range). And two buffered monitor outputs. Servo amplifier inputs guarantee a constant gain over all input configurations and a monitor jack provides an output for oscilloscope, headphones, or monitor amplifier.

Mfr. List \$1,650.00

Call For BSW Price

FLUKE



**75II/77II
Test Meters**

Model 75II features analog bar graph, 3200 count display, 0.5% accuracy, autoranging function with range hold, 10 amp & auto-ranged mA ranges, continuity and diode test beeper and 3 year warranty. Model 77II adds 0.3% accuracy and touch hold.

75II Mfr. List \$145.00

Call For BSW Price

77II Mfr. List \$169.00

Call For BSW Price

FOSTEX



**TT15
Test Tone Oscillator**

Battery operated, low distortion sine wave oscillator with five selectable frequencies (40 Hz, 400 Hz, 1 kHz, 10 kHz, and 15 kHz) and three selectable output levels (-30 dB, -10 dB and 0 dB). RCA output jack. Useful for spot checking frequency response, calibrating mixers with tape recorders and other level matching jobs. Output is constant and not affected by battery voltage or frequency. Fits in your tool box.

Mfr. List \$65.00

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

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GOLDLINE



**ASA10B
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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

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Mfr. List \$89.95

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**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

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POTOMAC



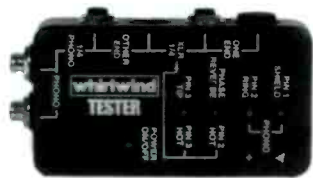
**AT51
Audio Test System**

The AT51 is an innovative audio test system which facilitates the measurement of critical parameters in monophonic and stereophonic audio equipment. The Audio Generator (AG51) and Audio Analyzer (AA51) are packaged separately for remote measurements requiring physical separation of signal source and signal analyzer. Both units are RFI shielded to enable accurate measurements in high level radio frequency environments typical to broadcast transmitter facilities. Signal input and output connectors are also RFI shielded.

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PROGOLD

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KD50W	DeoxIT wipes, 50 count	BSW Price \$8.95
KD100P	DeoxIT pen applicator	BSW Price \$9.95
D100L25C	DeoxIT precision dispenser, 25ml	BSW Price \$15.95
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*Includes: 2 oz spray, 100% DeoxIT liquid, lint-free cloths, swabs & brushes

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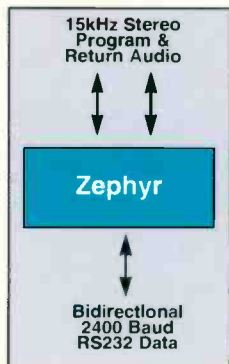
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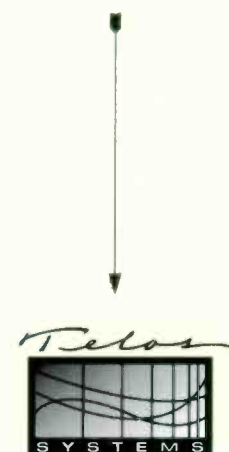


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