



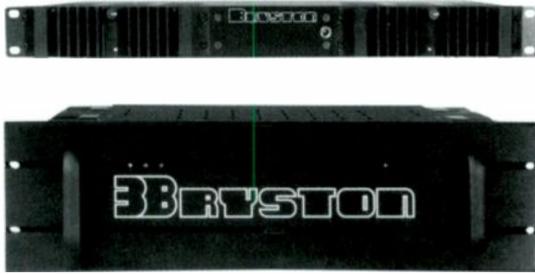
1997

Annual Catalog

**BSW**

BROADCAST SUPPLY WORLDWIDE

## BRYSTON



### 2B LP/3B ST - Power Amplifiers

Features (2B LP): front panel level control; power/clipping indicator, front panel headphone jack; ground lift switch; balanced inputs with gold plated XLR or 1/4" connectors; gold plated 5-way binding posts output connectors; < .01%THD; 20 year warranty.

Features (3B ST): power/clipping indicator; ground lift switch; balanced/unbalanced inputs with gold plated XLR/1/4" combination connectors; gold plated 5-way binding posts output connectors; < .01%THD; 20 year warranty.

2BLP	60 watts/chan. @ 8 ohms	Mfr. List \$850.00
3BST	120 watts/chan. @ 8 ohms	Mfr. List \$1,565.00

Call For BSW Prices

## ALESIS



### RA100 - Power Amplifier

Features: front panel level controls; silent, convection cooling with large built-in heat sinks for silent operation; .05% THD; power-up delay; clip lights on each channel; unbalanced 1/4" inputs; 1/4" and push clip speaker connectors. 90-day warranty.

RA100	75 watts/chan. @ 8Ω	Mfr. List \$349.00	Call For BSW Price
-------	---------------------	--------------------	--------------------

## ASHLY



### SRA-120 - Power Amplifier

Features: front panel level controls; front panel headphone jack; input sensitivity select switch; power-up delay; independent thermal protection; silent convection cooling; < .05% THD; 1/4" and barrier strip inputs; 5-way binding post output connectors. 5-year warranty.

SRA120	45 watts/chan. @ 8 ohms	Mfr. List \$469.99	Call For BSW Price
--------	-------------------------	--------------------	--------------------

## CROWN



### D75A/D45 - Power Amplifiers

Features (both models): detent, front panel level controls; power and distortion indicators; active balanced inputs with XLR/1/4" combination connectors; barrier strip output connectors; < .001% harmonic distortion @ full power. 3-year, no-fault warranty.

D75A	40 watts/chan. @ 8Ω	Mfr. List \$625.00	Call For BSW Price
D45	25 watts/chan. @ 8Ω	Mfr. List \$425.00	Call For BSW Price



### POWER BASE - Power Amplifiers

Features (all models): rear panel gain controls; fan cooled; dynamic output protection; input sensitivity switch; 1/4" balanced/unbalanced inputs; 5-way binding post output connectors; < .05% THD; 3-year, no-fault warranty.

PB-1	205 watts/chan. @ 8 ohms	Mfr. List \$895.00
PB-2	320 watts/chan. @ 8 ohms	Mfr. List \$995.00
PB-3	520 watts/chan. @ 8 ohms	Mfr. List \$1,375.00

Call For BSW Prices



### MICRO TECH - Power Amplifiers

Features (all models): rear panel level controls; stereo, bridged mono and parallel mono modes; balanced TRS inputs, binding post output connectors; 3-year no-fault warranty.

MT-600	220 watts/chan. @ 8 ohms	Mfr. List \$1,049.00
MT-1200	320 watts/chan. @ 8 ohms	Mfr. List \$1,349.00
MT-2400	520 watts/chan. @ 8 ohms	Mfr. List \$1,749.00

Call For BSW Prices

# Hafler<sup>®</sup> PROFESSIONAL amplification

P1000 trans•ana▶

## A NEW KING OF BROADCAST AMPLIFIERS HAS BEEN CROWNED



"My mixes start in the basement...That's where the bottom end lives. And then, all of a sudden like magic, the sun comes up and the top end is born. 'Hafler Amplifiers are Fat from the bottom up!'"

Gary Lux  
Recording Engineer/  
Producer



"At Spotted Peccary Studios, we have found no other amplifier that even comes close to the Hafler Trans•nova for its depth-of-field and definition, smoothness and clarity, and warmth and musicality. The Hafler Trans•nova is understatedly outstanding in a class of its own."

Howard Givens  
Spotted Peccary Studios

### Award Winning AMPLIFIERS



"Hafler Amps: More powerful than a 2 day old diaper!"  
Carlene Scovill  
with favorite  
producer,  
engineer, dad,  
Robert Scovill  
MusicalCanvas  
Studio, SAG inc.  
Eldon's Boy  
Records



"The new Trans•nova, regardless of power rating, out performs any other amplifier in the industry."

Michael Jones, Conservatory of  
Recording Arts and Sciences

- Lower Price!
- Single rack space
- Usable new features
- State of the art surface mount construction
- True audiophile sonic performance (not just a claim!)

#### P1000 Trans•ana with NOMAD Specifications

Power Rating:	FTC (20Hz-20kHz, <0.2% THD)	EIA (1kHz, 0.2% THD)
	50 wpc into 8Ω	55 wpc into 8Ω
	55 wpc into 4Ω	60 wpc into 4Ω
	110 wpc into 8Ω (bridged mono)	120 wpc into 8Ω (bridged mono)



### REVIEW

"In a word, I am ready to qualify the P1000 as a best-buy amp in terms of audio quality. And no wonder. Designer Jim Strickland has condensed the wonderful sound of the larger trans•nova MOSFET amps (called trans•ana in this model) into a one-rack unit. The little Hafler amp is wonderfully transparent and nonfatiguing.

I tried it with all kinds of near fields: ported and acoustic suspension: single and dual-woofer alike - and it flattered them all.

I did have a few other bi-polar amps that I compared. Sure enough, the MOSFET Hafler was definitely easier on the ears at moderate-to-higher volumes over several hours of listening. The other amps made me want to turn them down over the long haul - even though the levels were the same.

Way to go Hafler. Your engineers have done it again in a smaller package."

John Gatski  
Editor, Pro Audio Review, Sept. 1996

## HAFLER



### P1000/P1500/P3000 - Power Amplifiers

Features (P1000): front panel level controls; silent, convection cooling; output overload protection circuitry; soft start power-up; clip and thermal indicator lights; front panel headphone jack; balanced/unbalanced inputs with XLR/1/4" combination connectors; <0.2% THD; 5-year warranty.

Features (P1500 & P3000): MOSFET output stages; output overload protection circuitry; silent, convection cooling; soft start power-up; signal, clip, thermal and overload indicator lights; balanced/unbalanced inputs with XLR/1/4" combination connectors; 5-way binding post output connectors; <0.1% THD; 5-year warranty.

<b>P1000</b>	55 watts/chan. @ 8 ohms	<b>Mfr. List \$499.00</b>
<b>P1500</b>	75 watts/chan. @ 8 ohms	<b>Mfr. List \$549.00</b>
<b>P3000</b>	150 watts/chan. @ 8 ohms	<b>Mfr. List \$799.00</b>

Call For BSW Prices

## MACKIE



### M1200 - Power Amplifier

Features: front panel level controls; front panel level and multi-function status indicators; T-design constant gradient fan cooling; built-in sweepable constant directivity horn compensation; built-in sweepable high-pass filter; balanced/unbalanced XLR and TRS inputs with balanced XLR THRU connectors; heavy duty binding post outputs; THD (8 ohm load) <.025%. 3-year warranty with registration.

**M1200** 225 watts/chan. @ 8 ohms **Mfr. List \$599.00** Call For BSW Price

## QSC



### USA SERIES - Power Amplifiers

Features (all models): rear panel level controls; passive cooling (USA 400), 2-speed fan cooling (USA 900 & 1310); switchable limiting; selectable high-pass filter; balanced inputs with Neutrik "Combo" connectors; "Touch-proof" binding post outputs; 3-year warranty.

<b>USA400</b>	125 watts/chan. @ 8 ohms	<b>Mfr. List \$650.00</b>
<b>USA900</b>	270 watts/chan. @ 8 ohms	<b>Mfr. List \$785.00</b>
<b>USA1310</b>	400 watts/chan. @ 8 ohms	<b>Mfr. List \$1,125.00</b>

Call For BSW Prices

## SYMETRIX



### 420 - Power Amplifier

Features: front panel level controls and 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; THD < .01% at full power output. 1-year parts & labor.

**420** 20 watts/chan. @ 8 ohms **Mfr. List \$399.00** Call For BSW Price

## TASCAM



### PA-20MKII/PA-150 - Power Amplifiers

Features (PA-20MKII): front panel headphone monitor output and continuously variable gain control; front panel protection and clip indicators; balanced XLR and unbalanced RCA inputs; push clip speaker connectors.

Features (PA-150): front panel level controls; front panel protection and clip indicators; balanced XLR and unbalanced RCA inputs; binding post speaker connectors. 90 days labor, 1 year parts warranty.

<b>PA20MKII</b>	25 watts/chan. @ 8 ohms	<b>Mfr. List \$250.00</b>
<b>PA150</b>	80 watts/chan. @ 8 ohms	<b>Mfr. List \$400.00</b>

Call For BSW Prices

## YAMAHA



### H SERIES - Power Amplifiers

Features (all models): high power output in a compact 2-RU chassis; front panel level controls; multifunction protection circuitry; front panel indicators for protection, clip/limit, temp, input signal and output signal; 2-speed fan cooled; male and female balanced XLR inputs plus unbalanced 1/4" inputs; THD < .07%. 3-year warranty.

<b>H3000</b>	350 watts/chan. @ 8 ohms	<b>Mfr. List \$1,399.00</b>
<b>H5000</b>	550 watts/chan. @ 8 ohms	<b>Mfr. List \$1,699.00</b>
<b>H7000</b>	750 watts/chan. @ 8 ohms	<b>Mfr. List \$2,249.00</b>

Call For BSW Prices

## APHEX



### 120A - Distribution Amplifier

The Model 120A is a high performance 1x4 audio distribution amplifier. Features: one high impedance input and four low impedance outputs, all electronically servo-balanced; half rack wide sturdy steel chassis may be rackmounted singly, or paired with another unit in a single rack space; THD < .002% @ +4 dBm; hum and noise better than 90 dB down.

120A Mfr. List \$319.00 Call For BSW Price

## ATI



### ENCORE SERIES - Distribution Amplifiers

The DA206 is a dual 1x3 DA and the DA412 is a quad 1x3 DA. Features: outputs are active balanced and individually adjustable; inputs can be paralleled via internal jumpers for 1x6, 2x6 or 1x12 operation; XLR type input and output connectors.

The DA208 is a dual 1x4 DA and the DA416 is a quad 1x4 DA. Features: outputs are active balanced and individually adjustable (transformer out versions available); inputs can be paralleled on rear connectors for 1x8, 2x8 or 1x16 operation; barrier block input and output connectors.

DA206	Dual 1 x 3 DA	Mfr. List \$479.00
DA412	Quad 1 x 3 DA	Mfr. List \$669.00
DA208	Dual 1 x 4 DA	Mfr. List \$379.00
DA416	Quad 1 x 4 DA	Mfr. List \$549.00

Call For BSW Prices

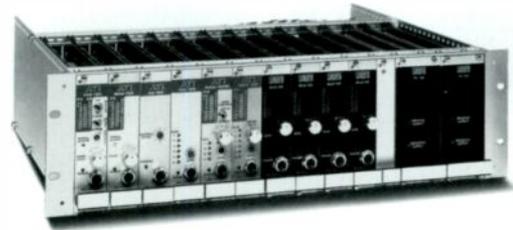


### PB2X8 - Distribution Amplifier/Press Box

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

PB2X8 Mfr. List \$1,399.00 Call For BSW Price

## ATI



### 10,000 SERIES - Modular Amplifier/Distribution Systems

10,000 Series plug-ins all use the same rack frame allowing for intermixing of all ATI module types (over 40 interchangeable modules to choose from). Features: RM100 mainframe holds up to 10 plug in modules and 2 PS100 power supplies in a 3 RU, 19" rack chassis; plug-in modules include distribution, microphone and line amplifiers that are available as single and dual units, with or without metering, with transformer or active balanced outputs and optional VCAs with remote DC gain control.

Call For Configuration And Pricing

## ESE



### ES246/ES217 - Distribution Amplifiers

The ES246 is a rack mount, quad 1x6 DA with the choice of barrier strip or optional XLR connections. Features: front panel gain adjustment is available for each of the 4 input channels; balanced or unbalanced operation with switchable 600Ω or 10kΩ input termination; barrier strip model is 1RU high, the XLR model is 2RU high.

The ES217 is a 1x4 DA housed in a free standing chassis. Features: barrier strip or optional XLR connections; balanced or unbalanced I/O.

ES246	1x6 DA, barrier strip	Mfr. List \$395.00
ES246XLR	rack mount version	Mfr. List \$595.00
ES217	1x4 DA, barrier strip	Mfr. List \$195.00
ES217XLR	rack mount version	Mfr. List \$320.00

Call For BSW Prices

## HENRY ENGINEERING



### U.S.D.A. - Distribution Amplifier

U.S.D.A. ("Utility Summing and Distribution Amplifier") can be used as a conventional 1x4 or 2x4 DA, or to combine a stereo input to a mono output. Features: two inputs (one stereo pair) accept balanced or unbalanced sources; four 600 ohm balanced outputs (two stereo pairs); mono/stereo switches; built-in power supply; screw barrier connectors.

U.S.D.A. Mfr. List \$195.00 Call For BSW Price

### RDL



#### RU-UDA4/RU-BDA3 - Distribution Amplifiers

The RU-UDA4 is a compact 1/3 rack space unit featuring two channels, each with a single input to 4 outputs. Features: Inputs and outputs are unbalanced -10dBv with RCA connectors; unity gain is maintained on both channels; requires PS24A power supply (multiple units may be operated from one power supply).

The RU-BDA3 is a balanced I/O 1x3 DA. Features: front panel XLR connectors with an input gain control that can be adjusted with the hand or with a screw driver; XLR input will accept either balanced or unbalanced sources; an alternate rear panel screw barrier input; inputs are 10 k ohm balanced bridging and outputs are 150 ohm balanced.

Both units can be mounted up to 3 across in a standard 19" rack. A RU Series 1x4 video DA is also available. RDL also offers more audio DA's in their Stick On Series (see page 74).

<b>RUUDA4</b>	dual 1x4 DA	<b>Mfr. List \$150.00</b>
<b>RUBDA3</b>	1x3 balanced I/O DA	<b>Mfr. List \$215.00</b>
<b>RURA3</b>	3-unit rack adaptor	<b>Mfr. List \$29.00</b>
<b>PS24A</b>	Power Supply	<b>Mfr. List \$17.00</b>

Call For BSW Prices

### ROLLS



#### RA63 - Distribution Amplifier

A cost effective, rackmount, 1x6 mono DA. Features: independent front panel screw level adjustment for all 6 outputs; balanced 100 k ohm input; balanced 20 ohm output; screw barrier type input and output connectors; THD and IMD (SMPTE) are <.008%.

<b>RA63</b>	<b>Mfr. List \$188.00</b>	<b>Call For BSW Price</b>
-------------	---------------------------	---------------------------

### RADIX



#### DA1600 - Distribution Amplifier

A rackmount 2x8 or 1x16 DA. Features: 8 stereo or 16 mono balanced outputs with front panel level control and selectable pads to accommodate a wide range of input levels; removable, plug-in connectors that allow wiring changes to be made quickly and effortlessly with the DA still in the rack; THD: .01% max @ +20 dBm out, SNR 90 dB, output separation: 90dB.

<b>DA1600</b>	<b>Mfr. List \$435.00</b>	<b>Call For BSW Price</b>
---------------	---------------------------	---------------------------

### AUDIOARTS



#### SDA8400 - Distribution Amplifiers

The model SDA-8400 is a 1x8 channel stereo, rackmount distribution amplifier. Features: LED status lights for all input and output channels; super flat frequency response; separate 3 conductor connectors for each input and output.

The SDA-8400 is an 8 output stereo DA or four 1x4 DAs. Features: super flat frequency response; separate 3 conductor connectors for each input and output.

<b>SDA8400</b>	<b>Mfr. List \$499.00</b>	<b>Call For BSW Price</b>
----------------	---------------------------	---------------------------

### 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. There are twelve mic level outputs and 4 line level outputs. Line outputs 1 and 2 have adjustable gain with XLR and 1/4" TRS connectors. Line outs 3 and 4 are fixed level with XLR connectors. Mic outputs are XLR or 1/8" TRS. Additional features include VU meter, switchable test tone and AC or battery operation. Padded rack bag included.

<b>PRESSPOWER</b>	<b>Mfr. List \$1,879.00</b>	<b>Call For BSW Price</b>
-------------------	-----------------------------	---------------------------

### ZERCOM



#### DA-8S - Distribution Amplifier

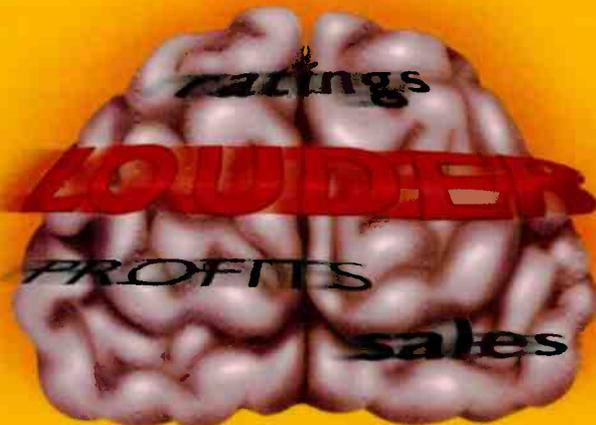
A 2x8 or 1x16 DA in a single rack space chassis. Features: input and output connections via pluggable terminal blocks; internal jumpers allow quick conversion between stereo and mono, adjusting of audio gain, and selection of balanced or unbalanced inputs; input configurations include 1 in stereo/8 out stereo, 1 in mono/16 out mono, or 1 in stereo/16 out mono; exceptional signal to noise and very low distortion; external power supply (included).

<b>DA-8S</b>	<b>Mfr. List \$399.00</b>	<b>Call For BSW Price</b>
--------------	---------------------------	---------------------------

# GREAT MINDS DO THINK ALIKE!



THE APHEX FM PRO



Station Manager



Engineer

**E**veryone imagines being louder than their competition without causing listener fatigue. It's no longer just a fantasy. With the new Apex FM Pro, loudness doesn't come at the cost of mind numbing grunge and distortion any more. It took the genius of four existing patents, combined with five new inventions, to create the most powerful, greatest sounding processor ever.

-  Engineers will love the ease of set-up and use, plus remote control and security features to keep unwanted hands off the controls.
-  Program directors will love the complete flexibility to fashion truly unique processing for their particular programming and tastes.
-  Station managers will love the increased loudness to grab listeners and the high audio quality to keep them tuned in.

It's a no brainer - if you want loud without listener fatigue, call for a demonstration today.

**APHEX**  
SYSTEMS *Improving the way the world sounds*<sup>SM</sup>

## APHEX



### 2020 FM Pro - Digital FM Audio Processor

Inspired by the success of their Audiophile Air Chain, Aphex has created the FM Pro, a world-class, digitally controlled FM processor with modular and upgradable architecture. FM Pro was designed to offer maximum processing flexibility to help you create a truly unique and competitive sound, from detailed and neutral to heavy and loud.

Features: 8 read-only factory presets; 16 user programmable read-write presets; Frequency Discriminate Leveler with selectable silence gate and AGC upper and lower control limits; 4-band compressor with adjustable crossover frequencies, adjustable compression drive, Easyrider compression and Peak Accelerated Compression algorithm; Bass processor with bass clipper, warm bass EQ, sub base EQ and total bass mix control; peak limiter; remote control interface with Windows compatible software for PC control locally or remotely via modem; supervised password security; Large LCD graphics panel display; rotary encoder knob; extensive real time LED metering; balanced XLR analog I/O. Options: 2020-1 AES/EBU I/O; 2020-2 pre-emphasis limiter with special 50 or 75 microsecond pre-emphasis filtering and non-overshoot lowpass filters; 2020-3 combination Digicoder type PPDM stereo generator with the pre-emphasis limiter.

2020	base unit w/analog I/O	Mfr. List	\$4,995.00
2020-1	AES/EBU digital I/O	Mfr. List	\$500.00
2020-2	pre-emphasis limiter	Mfr. List	\$500.00
2020-3	stereo generator and pre-emphasis limiter	Mfr. List	\$2,000.00

Call For BSW Prices

## CRL



### DP100 - Digital Audio Processor

The DP100 offers 100% digital signal processing for FM applications. Features: all-digital gated AGC, 5-band compressor, multiband limiter and graphic equalizer; supplied factory presets plus memory locations for custom presets plus a function for toggling between two presets (custom or factory) for on-air comparison; large touch screen LCD graphical display with helpful graphics makes it easy to take control of your stations sound; menus are based on "folders" for each different processing function. You simply touch a "folder tab" on the touch screen and the menu changes. Each individual function menu will include a variety of graphics, meter indicators or scopes. Simply touch the meter indicator and turn the knob to the desired level—it's that simple; simultaneous analog and digital input mixing; on-board day-parting and automation control; context sensitive on-line help; 18 bit, or optional 20 bit A/D conversion; CRL's exclusive stereo sound enhancement circuitry; improved dynafex<sup>®</sup> noise reduction; a true digital stereo multiplex generator; upgradable with additional DSP and I/O slots; balanced XLR analog audio I/O; AES/EBU wired and optical digital I/O; BNC composite I/O.

DP100	Mfr. List \$11,000.00	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



### AMIGO - FM & AM Stereo Processors

CRL's Amigo audio processing systems combine the best of CRL technology into a complete, economical and compact package that is easy to use.

Features: (Amigo FM) dual band AGC followed by a variable pre-emphasis multiband limiter and a digitally synthesized stereo generator; balanced barrier strip audio input and AUX output; BNC composite output.

Features: (Amigo AM) complete processing for C-QUAM AM stereo; fully mono compatible; dual band AGC, 3-band stereo matrix limiter; single channel limiter; NRSC output filters; balanced barrier strip I/O.

AMIGOFM	Mfr. List \$3,195.00	Call For BSW Price
AMIGOAM	Mfr. List \$3,195.00	Call For BSW Price

## CUTTING EDGE



### UNITY 2000i/UNITY 2000AM - Audio Processors

The Unity 2000i is a complete, digitally controlled, multiband FM processor. Features: 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; 9 factory presets with 50 locations for custom settings; comprehensive front panel metering, four level security; day-part processing; RS-232 port for computer control utilizing provided Unity Remote PC Software. Balanced XLR analog audio inputs; BNC composite outputs. Optional AES/EBU digital I/O is also available.

UNITY 2000i	Mfr. List \$7,500.00	Call For BSW Price
UNITY 2000AM	Mfr. List \$7,200.00	Call For BSW Price

# Discover how good your station can sound!

## Audio Processing from CRL Systems

### DP-100 Digital Processor



The Next Generation FM digital processor with natural sound, superior loudness & outstanding audio quality.

No matter the size of your station or the size of your budget CRL has a quality system to fit your needs. Experience CRL's audio products for Radio and Television.

**Try CRL. We will help you get the most from your audio processing investment!**

#### FM Radio

- DP-100 Digital Processor
- SC-100 Digital RDS/RBDS Generator
- Amigo FM Processor
- FM-2G+ Modular System

#### AM Radio

- AM Stereo Amigo
- AM-4M Mono Modular System
- MBL-100 News/Talk/Sports

#### Television

- TVS-3003 Limiter & MTS Generator
- TVS-3001 Audio Controller
- TVS-3005 SAP Generator
- BAP-2000 Mono Processor



**Circuit Research Labs, Inc.**

*Audio processing for every market & every budget!*

## DBX



### 168A - Dynamics Processor

The 168A is a dual channel unit that offers smooth, inaudible AGC leveling and/or more aggressive, dense sounding compression. These characteristics make the 168A perfect for use as a preprocessor for final peak limiters or as the head end to your STL system. Features: compressor; feed forward de-esser; high and low frequency spectral enhancement; silence gate; output level control; high resolution gain reduction and peak output metering; hardwire bypass; floating balanced XLR I/O.

168A Mfr. List \$999.95 Call For BSW Price

## INOVONICS



### 716-00 DAVID II - Integrated FM Audio Processor

The DAVID II integrates FM audio processing and stereo generation into a single, easy to use and affordable package. The David II lets you achieve an "aggressive" sound that is fully protected from overmodulation without sacrificing ease of setup. Features: comprehensive audio processing section including low-pass filtering, pre-emphasis, AGC, compression/limiting; composite clipping; "bass-enhance"; BNC input to accommodate SCA or RDS subcarriers; balanced screw binding audio inputs; BNC composite output.

716-00 DAVID II Mfr. List \$1,985.00 Call For BSW Price



### 708-00 - FM Stereo Generator

The 708-00 provides cost effective stereo generation for audio processors that don't have a stereo generator built in. Features: accurate front panel metering for easy setup, adjustable pre-pilot composite processing and two inputs with internal combining for SCA and RDS subcarriers; balanced screw binding inputs; BNC SCA inputs; BNC composite output.

708-00 Mfr. List \$1,530.00 Call For BSW Price



### 222-00 - AM NRSC Processor

The 222-00 can act as a stand alone processor, or interface with existing processing to provide an NRSC compliant audio signal for AM broadcasting. Features: adaptive pre-emphasis characteristic to enhance signal intelligibility and presence; a sharp roll-off to eliminate adjacent channel interference; built-in peak limiter; balanced screw barrier I/O.

222-00 Mfr. List \$620.00 Call For BSW Price

## CUTTING EDGE

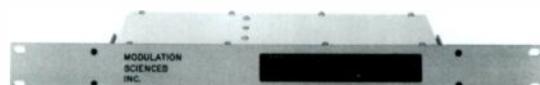


### DIVIDEND - FM Composite Filter

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. BNC composite I/O.

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

## MODULATION SCIENCES



### CP803 - Composite Processor

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

CP803 Mfr. List \$1,495.00 Call For BSW Price



### SCA186 - Sidekick Subcarrier Generator

All you need for SCA in a single chassis. Contains subcarrier generator, audio processing, peak holding deviation meter, noise generator and incidental AM noise meter to optimize transmitter tuning for minimum cross talk. Available at 67 kHz or 92 kHz. Balanced screw barrier inputs; BNC composite input; BNC telemetry input; BNC RF input; BNC composite output; BNC SCA output.

SCA186 Mfr. List \$3,835.00 Call For BSW Price

## QEI



### 710A - Digital FM Stereo Generator

The 710A accepts any analog input or AES/EBU input with sample rates from 12 kHz to 56 kHz and generates a stereo signal with superior clarity, separation and high frequency definition. Features: 24 bit DSP internal processing and 18 bit D/A output conversion; MPX composite test output; audio failure alarm output; remote control of audio source selection and pre-emphasis. Balanced XLR analog inputs; AES/EBU XLR digital input; unbalanced BNC subcarrier inputs; unbalanced BNC composite outputs

710A Mfr. List \$4,295.00 Call For BSW Price

It's loud.  
It's cheap.  
It's 100% digital.



## Best of all, it's an OPTIMOD-FM.

Introducing the OPTIMOD-FM 2200, the most affordable digital FM processor in the world. Now any station can enjoy the benefits of true digital processing: precision, stability, set-it-and-forget-it simplicity, and clean sound. And with features such as two-band processing, protection limiting, factory and user presets, and digital stereo encoder, your sound goes out over the airwaves loud, clear and distinctly your own.

For years only stations with big budgets could benefit from digital processing. But now the undisputed worldwide leader in digital audio processing is giving smaller stations a competitive edge. The OPTIMOD-FM 2200 digital processor. It's about time.

**orban**

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.

**Features:** flexible software based processing; select from several factory presets or adjust and store your own custom presets (up to 32) for instant recall; two basic configurations available: as a two-band processor for transmitter protection with minimal processing or as a five-band processor for more comprehensive modulation control; 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; 8200PC Software (included with purchase of 8200) provides broadcasters with full control of a station's processing from any location. It displays all of the 8200's meters and processing controls on a computer screen via modem communications or direct connection. Balanced XLR I/O and BNC composite outputs.

**Options:** the 8200D/32 basic digital interface card allowing 32 kHz AES/EBU inputs and outputs; the 8200D/SRC digital interface card 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.

8200/U2S	two band processing structure	Mfr. List \$7,400.00
8200/U3S	five band processing structure	Mfr. List \$10,400.00
8200D/32	digital input/output card	Mfr. List \$725.00
8200D/SRC	digital with sample rate conversion	Mfr. List \$1,550.00

Call For BSW Prices



### 8208U - Digital Stereo Encoder

The 8208U stand-alone Digital Stereo Encoder allows you to split your audio processing and stereo encoder for digital STL applications to maintain the highest signal quality. The 8208U accepts any sampling rate input from 32 kHz to 48 kHz and responds to status bits in the AES/EBU data stream that may be used to turn de-emphasis on or off. Balanced XLR analog, XLR AES/EBU digital and BNC subcarrier inputs; BNC composite baseband outputs.

8208U	Mfr. List \$1,975.00	Call For BSW Price
-------	----------------------	--------------------



### 8200ST/U - Optimod Studio Chassis

The 8200ST/U is the perfect companion for the Optimod 8200, used on the studio end of an STL system. **Features:** based on the popular 464A Co-Operator; improved noise and distortion specs; provides average or peak level control by combining stereo AGC compressor/limiter, HF limiter and peak controller. Balanced XLR I/O.

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

## ORBAN



### 2200 OPTIMOD™ - FM Audio Processor

The OPTIMOD-FM 2200 features all digital processing and digital stereo encoder/generator in an affordable, single rack space package. **Features:** 8 factory presets and 8 user-programmable presets that can be switched from the front panel or via remote control; 2-band processing structure with HF enhancement gives you protection against peak overmodulation plus a loud, clear sound that OPTIMODs are famous for; non-volatile memory; built-in tone generator; LED input/output and gain reduction meters; analog inputs/outputs are standard. Balanced XLR analog I/O and two BNC composite outputs. Options: digital AES/EBU I/O version available.

2200	analog I/O version	Mfr. List \$3,850.00	Call For BSW Price
2200D	digital I/O version	Mfr. List \$4,450.00	Call For BSW Price



### 8100A1/U75F OPTIMOD™ - FM Audio Processor

Optimod 8100A, the analog predecessor to the 8200. Included functions in the 8100 are multiband compression, limiting and stereo generation. Pricing and information on companion products and options are available upon request. Balanced barrier strip input and BNC floating composite output.

8100A1/U75F	Mfr. List \$5,950.00	Call For BSW Price
-------------	----------------------	--------------------



### 9100B OPTIMOD™ - AM Audio Processor

The 9100B 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 and naturalness, and freedom from processing artifacts, yielding an FM-like sound on all types of receivers. NRSC compliant. Balanced barrier strip I/O.

9100B1/U10	AM mono	Mfr. List \$4,550.00	Call For BSW Price
9100B2/U10	AM stereo	Mfr. List \$6,350.00	Call For BSW Price

## EVENTIDE



### BD500 - Digital Broadcast Delay

An affordable solution for keeping profanities off the air from the inventors of the digital talk show delay. Features: Eventide's patented automatic catch-up circuitry; a user definable function to divide the total available delay time into several discrete segments to protect against multiple obscenities that occur in succession; "sneeze" button momentarily "edits" audio entering the delay, allowing the host to sneeze, cough, or make a short comment without being heard on air, and without dead air; exact digital read out of delay time; a "quick read" bar graph to instantly confirm that you have delay time left; RS-232 port and dry contacts provided for remote control. Balanced XLR I/O. Optional AES/EBU digital I/O.

BD500 Mfr. List \$3,395.00 Call For BSW Price



### BD941/BD942 - Broadcast Delays

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

BD941-6 mono, 6 second delay Mfr. List \$1,795.00  
 BD942-6 stereo, 6 second delay Mfr. List \$2,395.00

Call For BSW Prices

## SYMETRIX



### 610 - Broadcast Profanity Delay

The Symetrix 610 Broadcast Delay is a cost effective way to deal with on-air profanities, allowing talk show hosts to "dump" obnoxious callers and automatically build back 7.5 seconds of delay time. Features: true stereo delay; selectable build up time and a two-stage dump option let you set the catch-up time for the speed and intensity of your show; a "cough" button for short duration dumps; an "Exit" function gradually releases memory to bring audio up to real time at the end of a show; automatic bypass mode; remote control/status connector; switchable input attenuator to simplify hookup. Balanced XLR I/O.

610 Mfr. List \$2,695.00 Call For BSW Price

## RANE



### AVA22 - Audio/Video Alignment Delay

The AVA22 provides a cost-effective solution to the problem of aligning audio to video in broadcast. Modern video processing and satellite links can create time delays between audio and video of up to several frames. The AVA 22 has a maximum delay of 9.5 NTSC (8.0 PAL/SECAM) frames and can operate as a stereo unit or as two independent mono channels. Balanced XLR I/O.

AVA22 Mfr. List \$799.00 Call For BSW Price

## MODULATION SCIENCES



### STEREO MAXX - 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. Balanced XLR I/O.

STEREO MAXX 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. Balanced XLR and barrier strip I/O.

222A 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 barrier strip inputs and outputs.

275A Mfr. List \$2,400.00 Call For BSW Price

### AIR CORP



#### 500PH - Mic Processor

Designed specifically for radio announcers, this unit is built to withstand the rigors of broadcasting. Features: front panel input level selection; three band EQ; compressor/expander; de-esser; effects insert point; remote control via DB-25 port; simultaneous mic and line level output for mix minus setup; balanced XLR input, line output and mic output; 1/4" TRS effect loop I/O.

500PH Mfr. List \$799.00 Call For BSW Price

### DBX



#### 286A - Mic Processor

An inexpensive way to get great sounding vocals. Features: a single, studio quality mic preamp with phantom power; compressor circuit; de-esser; patented high frequency and low frequency detail controls; high-pass filter; expander/gate section; balanced mic and line level inputs; insert jack for utilizing outboard processing and effects; balanced XLR inputs; balanced 1/4" TRS outputs.

286A Mfr. List \$349.95 Call For BSW Price

### DIGITECH



#### VTP-1 - Mic Processor

This mic preamp/processor provides a warm, custom tailored sound from your studio mics that can be connected directly to your analog or digital devices. Features: vacuum tube mic preamp; 4-band semi-parametric EQ section; lo-cut filter; 18-bit A/D converter with AES/EBU or S/PDIF digital outputs; electronically balanced XLR mic/line inputs (optional transformer balanced); unbalanced 1/4" mic/line inputs; XLR and 1/4" outputs; unbalanced 1/4" send and receive jacks.

VTP-1 Mfr. List \$999.95 Call For BSW Price

### ORBAN



#### 787A/U - Mic Processor

This programmable processor provides instant recall of setting for multiple users or projects. Features: three band parametric equalizer; compressor; de-esser; noise gate and/or compressor gate; store up to 99 different control setups in nonvolatile memory for instant recall; effects send and return ports are provided for use with external reverb/effects units. Options: mic preamp; MIDI and RS232 interface.

787A/U Mfr. List \$1,450.00 Call For BSW Price

### RANE



#### VP12 - Mic Processor

The VP12 is a mic or line level voice processor that incorporates a studio-grade microphone preamp stage and comprehensive dynamic processing with EQ. Features: an XLR mic input with switchable phantom power and a balanced line input; both inputs can be selected separately or summed together; hi/low cut filters tailor the frequency range to the specific application; de-esser provides effective sibilance control; dynamic control is covered by the flexible combination of expander/gate and compressor; two bands of parametric EQ, each with 20 kHz bandwidth allowing flexible frequency control.

VP12 Mfr. List \$599.00 Call For BSW Price

### SYMETRIX



#### 528E - Mic Processor

An industry standard microphone processor with 5 major functions in a single rack space unit. Features: microphone preamp with a switchable 15 dB pad to compensate for mics with hot output levels; front panel mic/line level switch; 48 volt phantom power; voice symmetry switch (phase rotator) that corrects for excessive positive or negative signal peaks of the human voice; de-essing with frequency and range controls; compression/limiting with downward expansion provides dynamic control without artifacts; 3-band parametric equalization. Balanced XLR mic and line level inputs; balanced XLR and unbalanced 1/4" outputs; 1/4" in and out patchpoints on each section.

528E Mfr. List \$699.00 Call For BSW Price

### VALLEY AUDIO



#### 401 - Mic 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. Features: low noise, high gain mic preamp with switchable 48 volt phantom power; 3-band EQ with center frequencies and slopes specifically tailored for voice; compressor and expander/gate functions that operate interactively to provide effective dynamic control without unwanted noise artifacts; de-esser with normal or heavy settings; balanced XLR mic/line input; balanced XLR mic and 1/4" TRS line level outputs; balanced 1/4" TRS line level send and return jacks.

401 Mfr. List \$799.00 Call For BSW Price

FOR MORE MICROPHONE PREAMPS SEE PAGE 89

### ALESIS



#### 3630 - Compressor/Limiter/Gate

An affordable dual channel unit, ideal for a number of applications from vocal recording to stereo program mixdown. Features: switchable RMS/Peak and Hard knee/Soft Knee styles of compression; variable attack and release in peak mode allow you to customize the dynamic response to suit the job at hand; independent built-in noise gate ensures quiet performance; sidechain inputs for de-essing or ducking functions; dual mono or stereo operation; unbalanced 1/4" I/O with -10/+4 level selection.

3630 Mfr. List \$299.00 Call For BSW Price

### APHEX



#### 108 EASYRIDER - Automatic Compressor

A very easy to use, yet effective and natural sounding 2-channel automatic compressor. Features: Aphex's patented Wave Dependent Compressor™ circuitry and No-Knee™ compression curve automatically set attack and release times as well as compression ratios; input drive control; 20dB gain reduction meters; switchable -10/+4 operating level; balanced 1/4" TRS I/O.

108 Mfr. List \$299.00 Call For BSW Price



#### 661 - Tube Compressor/Limiter

This single channel unit combines several of Aphex's leading technologies such as Expressor™ manual compression circuitry, Easyrider® automatic compression and Tubessence® tube sound circuitry. Features: HFX™ high frequency expander; linking for multi-unit operation; sidechain low-cut filter; 20 segment audio level and gain reduction meters; switchable -10/+4 levels; balanced XLR and TRS I/O.

661 Mfr. List \$749.00 Call For BSW Price



#### 320/323A COMPELLOR - Compressor/Limiters

The dual-channel 320A delivers intelligent compression, levelling and peak limiting simultaneously for automatic gain riding that is artifact-free. Features: dynamic silence gate and quick compression recovery; 3 modes of stereo/dual mono operation; comprehensive metering; balanced or unbalanced I/O via XLR connectors.

The single-channel 323A combines COMPELLOR® circuitry with Aphex's popular AURAL EXCITER® circuitry. Balanced or unbalanced I/O via XLR connectors.

320A Mfr. List \$1,350.00 Call For BSW Price  
323A Mfr. List \$949.00 Call For BSW Price

### APHEX



#### DOMINATOR II - Stereo Peak Limiter

A precision stereo multi-band peak limiter for applications requiring an absolute peak ceiling. Features: peak ceiling adjustable in .2 dB steps over a 34 dB range; switchable low to mid and mid to high crossover frequencies; remote control hardwire bypass; dynamic range 104 dB and THD distortion of less than .005%; balanced XLR I/O.

720 standard version Mfr. List \$1,350.00 Call For BSW Price  
722 (w/pre/de-emphasis) Mfr. List \$1,495.00 Call For BSW Price

### ART



#### 520 MDC2001 - Dynamic Processor

This affordable stereo processor offers several independently adjustable functions for dynamics control in a single rack unit. Features: compressor; peak limiter; downward expander; noise gate; de-esser; exciter/enhancer; over 45 LEDs to precisely monitor all functions and level variations; balanced XLR I/O.

520 (MDC2001) Mfr. List \$525.00 Call For BSW Price



#### 521 SC-2 - Compressor/Limiter/Gate

This two channel unit can function as two totally independent mono processors or can be linked for stereo. Features: hard or soft knee type compression; limiter with automatic slope and attack; gate with threshold and release; sidechain inputs; LED metering of input/output, gain reduction and below/above threshold; balanced or unbalanced I/O via 1/4" TRS connectors.

521 (SC-2) Mfr. List \$295.00 Call For BSW Price



#### 256 DUAL LEVELAR - Tube Compressor/Leveling Amplifier

This dual channel processor offers compression and limiting for smooth audio leveling action and the warmth of vacuum tubes without noise. Features: premium 12AX7A tube; adjustable threshold control; selectable attack and release characteristics; gain reduction LED display; threshold indicator; extremely low noise floor (>100 dB); balanced XLR and unbalanced 1/4" I/O.

256 (DUAL LEVELAR) Mfr. List \$329.00 Call For BSW Price

### DBX



#### 1066 - Compressor/Limiter/Gate

This flexible dynamics control device allows you to choose the level and style of compression/limiting you like. Use the "Auto" button to automatically achieve a classic "dbx" sound, or use the independent attack and release controls to tailor the 1066 to your specific needs.

**Features:** PeakStopPlus™ circuitry offers stiff limiting without unwanted side effects; new lightpipe technology replaces standard LEDs making the 1066 both very easy to read and operate; side chain input for ducking and frequency dependent limiting; balanced inputs and outputs with XLR and 1/4" connectors.

1066 Mfr. List \$549.95 Call For BSW Price



#### 166A - Compressor/Limiter/Expander/Gate

Two channel, stereo linkable compressor/limiter/expander/gate with a choice of Over-Easy® or hard knee compression with two sets of program dependent attack and release time constants.

**Features:** expander/gate with continuously variable release and a 75 dB threshold range; PeakStop® limiting ; switchable low frequency shelf prevents LF programming from "punching" holes in your sound; balanced XLR and 1/4" inputs and outputs.

166A Mfr. List \$419.95 Call For BSW Price



#### 266A - Compressor/Gate

The 266A is a full-featured, high-performance dual compressor/gate that uses the dbx AutoDynamic™ attack and release circuitry to deliver true, musical dbx compression for a wide range of applications, plus an advanced dbx gate circuit for smooth, natural sounding gating.

**Features:** stereo or dual-mono operation, simple set up and operation; side chain insert; balanced 1/4" inputs; unbalanced 1/4" output.

266A Mfr. List \$249.95 Call For BSW Price



#### 262 - Compressor/Limiter

The 262 is dbx's lowest cost rack mount compressor/limiter with the sonic quality of higher-end dbx units in a very easy to use format. **Features:** two channels of classic dbx compression/limiting with stereo linking capability; OverEasy or hard-knee operation; balanced 1/4" TRS inputs and outputs.

262 Mfr. List \$199.95 Call For BSW Price

### DBX



#### 160S - Compressor/Limiter

The newest member of the 160S series, the 160S is designed around a powerful VCA that boasts 127 dB dynamic range. **Features:** ultra low distortion; attack, release and hard knee threshold characteristics of the classic 160; OverEasy® compression mode; PeakStopPlus® limiting; sidechain input; Jensen® transformers; balanced I/O with gold plated Neutrik® XLR connectors.

160S Mfr. List \$2,495.00 Call For BSW Price



#### 160A - Compressor/Limiter

The 160A is an improved version of the famous 160 single channel compressor/limiter. **Features:** Over-Easy® or Hard Knee operation; wide range of compression ratios including negative compression; gain reduction and input/output level metering; balanced XLR and TRS inputs; independent balanced XLR and unbalanced 1/4" outputs.

160A Mfr. List \$459.95 Call For BSW Price



#### 163A - Compressor/Limiter

A single channel unit designed for simplicity without sacrificing sonic quality. **Features:** single "more/less" fader control; level-set control; Optional rack mount hardware for single or dual unit available.

163A Mfr. List \$169.95 Call For BSW Price

## PRESONUS



#### DCP8/ACP8 - Audio Dynamics Processors

The DCP-8 8-channel Audio Dynamics Processor features 8 discrete compressor/limiters, 8 noise gates, 8 independent mutes, and 8 automated level channels, all under precise digital control and housed in a single rack space chassis. **Features:** 100 programmable 'audio scenes'; MIDI interface for control of all parameters; automated mutes and level changes; channel grouping; stereo linking; audio level conversion. **Options:** MB-8, 8-channel meter bridge.

The analog ACP8 offers eight compressors and eight gates in one 2-RU chassis. **Features:** 8 separate or selectively linked channels of compression and/or gating; gain reduction metering on each channel; compression and gate threshold indication on each channel; hard-knee, soft-knee, peak or auto compression.

DCP8 Mfr. List \$1,199.95 Call For BSW Price  
ACP8 Mfr. List \$895.95 Call For BSW Price

### ROLLS



#### RP252 - Compressor/Limiter/Gate

Features: two channels; controls for threshold, compression ratio, attack, release; output level; gate threshold and release time; side chain inputs and outputs for ducking and de-essing; dual mono or linked stereo operation; balanced XLR and unbalanced 1/4" I/O.

RP252 Mfr. List \$275.00 Call For BSW Price

### SYMETRIX



#### 488 - 8-Channel Compressor Interface

The 488 DYNA-Squeeze™ is an eight channel compressor/interface for use with digital multitrack recorders and workstations. Patched between your mixing console and recorder, the 488 gently squeezes your tracks toward the upper end of the recorder's dynamic range. The results are hotter, more usable tracks without digital clipping. Features: selectable +4 or -10 output level; threshold control; output gain control; bypass switch; LED gain reduction metering; balanced 1/4" TRS inputs, unbalanced 1/4" outputs.

488 Mfr. List \$579.00 Call For BSW Price



#### 422 - Stereo AGC Leveler

This stereo, wide-range, AGC amplifier and peak limiter keeps audio levels consistent by gently bringing up lower level audio and transparently limiting audio that is too hot. Radio stations use the 422 as a preprocessor to boost the "horsepower" of their on-air processors. It is an excellent remedy to inconsistencies between commercials and other program material for TV stations, cable systems and automated radio stations. It also helps maintain higher average recording levels and prevents overloading the inputs of digital production systems. Features: target level control for easy setup; parallel input and output LED ladder metering; remote bypass port; balanced or unbalanced I/O via XLR and TRS connectors.

422 Mfr. List \$595.00 Call For BSW Price



#### 425 - Dual-Channel Compressor/Limiter/Expander

The Symetrix model 425 offers integrated dynamics processing with a downward expander, compressor and limiter. It can be used for two independent channels or ganged for stereo operation. Features: separate threshold controls for expander, compressor and limiter; individual LED meters for each processing section and output; sidechain input/output; UL approved; balanced XLR and unbalanced 1/4" inputs and outputs.

425 Mfr. List \$579.00 Call For BSW Price

### SYMETRIX



#### 501 - Compressor/Limiter

A single channel processor with variable ratio compressor and an infinity-to-1 peak limiter for use in broadcasting, music recording, sound reinforcement and tape duplication. Features: selectable manual or automatic attack/release modes; RMS and interactive peak control; stereo linkable (two units required); sidechain I/O; balanced XLR and unbalanced 1/4" inputs and outputs.

501 Mfr. List \$379.00 Call For BSW Price

### VALLEY AUDIO



#### 730LT - Digital Dynamics Processor

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

730LTDD Mfr. List \$1,554.00 Call For BSW Price  
730LTADD Mfr. List \$1,999.00 Call For BSW Price

### ALESIS



#### MEQ230 - Graphic Equalizer

No other equalizer offers more EQ control in such a small package. Features: two complete 30-band 1/3 octave equalizers in one rack space; each channel handles frequencies from 25 Hz to 20 kHz with  $\pm 12$ dB boost or cut per band; power up delay circuitry protects speakers from damage; unbalanced I/O via 1/4" and RCA jacks.

MEQ230 Mfr. List \$299.00 Call For BSW Price

### ART

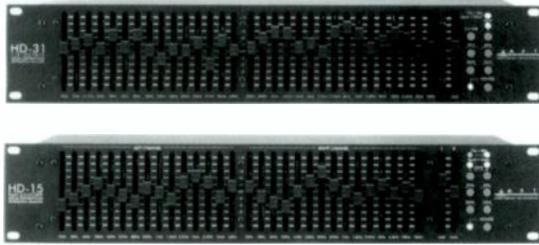


#### 341/351 - Graphic Equalizers

Dual 15 band (341) or single channel 31 band (351) EQ in a single rack space. Features: dual range switch ( $\pm 6$ dB or  $\pm 12$ dB cut/boost); bypass switch; HI pass and LO pass controls (on 351 only); Balanced XLR, 1/4" and unbalanced RCA I/O; 120/240 volt switch; rear panel ground lift switch; LED clip indicators.

341 dual 15 band Mfr. List \$249.00 Call For BSW Price  
351 single 31 band Mfr. List \$249.00 Call For BSW Price

### ART



#### HD31/HD15 - Graphic Equalizers

Constant "Q" circuitry and the absolute finest electrical components ensure transparent, accurate operation without phase shifting. Choose the single-channel 31-band HD31 or two-channel 15-band HD15. Features (both models): 60 mm high resolution faders; signal/clip LEDs; switchable subsonic/ultrasonic filters; balanced inputs and outputs via barrier strip, TRS and XLR connectors.

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

### RANE



#### ME15B/ME30B - Equalizers

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

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

### ROLLS



#### REQ215 - Graphic Equalizer

A low cost, two channel, 2/3 octave equalizer in a single rack space with features and performance comparable to higher priced EQs. Features: smooth band pass filtering that's virtually distortion-free; transparent low-noise circuitry; high and low shelving filters provide adjustable roll-off and high cut functions; 5 segment LED metering; inputs and outputs are balanced XLR or unbalanced 1/4" phone jack.

REQ215	Mfr. List \$250.00	Call For BSW Price
--------	--------------------	--------------------

### SYMETRIX



#### 551E - Parametric Equalizer

The 551E is a mono device that provides more accurate and precise control than is possible with a graphic EQ. Features: 5 identical, fully overlapping EQ bands, each with 12 dB boost and 20 dB cut, adjustable bandwidth from .05 to 2 octaves and a frequency range control from 10 Hz to 20 kHz; extremely low noise and distortion; high cut and low cut filters; balanced and unbalanced I/O via XLR and TRS connectors.

551E	Mfr. List \$449.00	Call For BSW Price
------	--------------------	--------------------

### SABINE



#### FBX SERIES - Feedback Reduction Systems

The FBX Series Feedback Exterminators from Sabine utilize digital FBX filtering (10 times narrower than graphic EQ filters) to automatically find and eliminate feedback without taking a big chunk out of your sound. These units are perfect for remote PA applications or for studios where live monitors are being employed. Entry level models SL-610 (line level) and SM-610 (mic level) are single channel, unbalanced units that can be mounted up to six units across in a single rack space. 1/4" TRS I/O; external DC or battery powered. Options: rack tray; master power supply.

The FBX-901 (single channel) and FBX-1802 (dual channel) are single rack space units that offer more control over filter depth and number of filters employed. Features: maximum feedback control; balanced/unbalanced I/O via XLR and TRS jacks.

SL-610	line level, single channel	Mfr. List \$299.95
SM-610	mic level, single channel	Mfr. List \$349.95
FBX901	single channel rack mount	Mfr. List \$649.95
FBX1802	dual channel rack mount	Mfr. List \$1,299.95

Call For BSW Prices

### YAMAHA



#### Q SERIES/GQ SERIES - Graphic Equalizers

Yamaha EQs are widely used in sound contracting and PA work and are known for their reliability and sonic accuracy. All models offer balanced and unbalanced operation via XLR and 1/4" jacks.

Q1131	mono 31 band 2RU high	Mfr. List \$749.00
GQ2015	dual 15-band 1RU high	Mfr. List \$429.00
GQ1031BII	mono 31 band, 1RU high	Mfr. List \$399.00

Call For BSW Prices

# sound

# solutions

# for the

# real

# world

Applied Research: The process of finding practical solutions to existing or potential real-world problems. This practice provides the basis for our name and mission, the essence of our products.

A R T delivers over 20 years of innovation: Custom-built digital ASIC technology found in our FX-1, FXR and Effects Network lines; Award-nominated tube sound that our Tube Mic Preamp family boasts; And now, V.L.A. based compression technology found in our new LeVeLAR family of Vactrol®/Tube Compressors.

In the Real World, solutions are needed that provide answers to myriad situations quickly and efficiently. Real solutions that make sense for the way we work with audio today. Experience for yourself the Sound Solutions that only A R T can provide.



APPLIED RESEARCH AND TECHNOLOGY, INC., 215 TREMONT STREET, ROCHESTER, NY 14608, USA

® VACTROL is a registered trademark of EG&G VACTEC, INC., St. Louis, MO, USA.

### ALESIS



#### Q2™ - Digital Effects Processor

Q2's powerful processor and unique "digital patch cables" allow up to 8 effects to be combined in any order without signal degradation. Features: easy to understand and use with graphic display of functions in use; effect types include reverb, delay/modulation, pitch and equalizer; 100 factory presets; edit and store up to 100 custom presets; balanced TRS I/O; ADAT optical digital I/O.

Q2™ Mfr. List \$799.00 Call For BSW Price



#### MIDIVERB 4 - Digital Effects Processor

A flexible, affordable multi-effect processor with the ability to combine up to 3 effects simultaneously. Features: 128 factory presets including reverbs, delays, chorus, flanging and pitch effects; comprehensive editing system lets you program your own effects and store them in 128 memory locations; operating modes: stereo in stereo out, mono in stereo out, 2 independent mono channels or in cascade mode for combining effects; auto level sensing inputs; unbalanced 1/4" I/O.

MIDIVERB 4 Mfr. List \$399.00 Call For BSW Price



#### MICROVERB 4 - Digital Effects Processor

The MicroVerb®4 is an easy to use, true stereo, 18-bit effect processor in an affordable package. Features: 100 preset and 100 user-storable programs including many varieties of reverbs, delays, chorus, flange and more; mono and stereo programs with single and multiple effect combinations; dual-send programs that allow you to send one effect to one channel and a completely different effect to the other; unbalanced 1/4" I/O.

MICROVERB 4 Mfr. List \$299.00 Call For BSW Price



#### NANOVERB - Digital Effects Processor

This compact, inexpensive 2-channel processor offers high quality effects that you can take with you on the road. Features: 16 adjustable programs including reverbs, chorus, delay, flange as well as multi-effects such as chorus/reverb and chorus/reverb/delay and a realistic rotary speaker simulator; 24 bit DSP chip; 18 bit A/D and D/A convertors; unbalanced 1/4" I/O.

NANOVERB Mfr. List \$179.00 Call For BSW Price

### ART



#### 428 EFFECTS NETWORK - Digital Effects Processor

Powerful, yet very easy to use, the Effects Network offers dedicated processing for reverb and delay as well as multi-effect and separate dual-channel processing. Features: 100 factory/user programmable presets; stereo and dual mono algorithms; glitch and drop-out free preset switching; separate input and output level controls; 3-year warranty; balanced TRS I/O.

428 Mfr. List \$449.00 Call For BSW Price



#### 423 FXR/434-FXR ELITE II - Digital Effects Processors

ART's acclaimed 24-bit superchip is the foundation for the FXR and FXR Elite II effects units, providing two discrete channels of effects processing with stunning audio quality at incredibly low prices. Units can be mono in/ stereo out, stereo in/stereo out, or two independent effects channels at once. FXR offers 250 preset sounds and combinations, FXR Elite is a user programmable version of FXR with MIDI interface. Unbalanced 1/4" I/O on both models.

423 FXR Mfr. List \$259.00 Call For BSW Price  
434 FXR ELITE II Mfr. List \$345.00 Call For BSW Price



#### 121 FX-1 - Digital Effects Processor

A compact, easy to use stereo or dual mono processor in an all-steel enclosure. Features: 60 effects presets; exclusive more switch gives you "more" of the selected effect; reverb, chorus, delay, doubler, pitch shift and more; up to 3 effects at once; unbalanced 1/4" I/O.

121-FX1 Mfr. List \$159.00 Call For BSW Price

### DIGITECH



#### STUDIO 400 - Digital Effects Processors

Powered by two of DigiTech's S-DISC II® processors, the Studio 400 is capable of up to eight high quality effects at one time, in any order and in an endless number of combinations. Features: 100 factory presets and 100 user memory locations; effects include reverbs, choruses, flanger, compressor, intelligent pitch shifter and more; unlimited internal routing capability; large custom LCD display; optional digital I/O; 4 separate balanced XLR and 1/4" inputs and 4 separate balanced XLR and 1/4" outputs.

STUDIO 400 Mfr. List \$869.95 Call For BSW Price

### DIGITECH



#### STUDIO QUAD - Digital Effects Processors

With 4 completely independent inputs and outputs, the Studio Quad V2 gives you the power of two true stereo processors or 4 independent mono processors in a single rack space unit. **Features:** 180 factory programs; 100 user program locations; effects include reverbs, delays, choruses, compression, intelligent pitch shifting and more; large custom LCD display; internal signal input/output routing; 4 separate balanced XLR and 1/4" inputs and 4 separate balanced XLR and 1/4" outputs.

**STUDIO QUAD** Mfr. List \$529.95 Call For BSW Price



#### STUDIO TWIN - Digital Effects Processors

This true stereo processor utilizes award-winning S-DISC™ processing for the highest quality effects in its price range. **Features:** 99 factory programs; 99 user program locations; effects include reverb, chorus, flange, detuning, delays and parametric EQ; modify and save sounds easily and on the fly via the simple user interface; balanced I/O via 1/4" TRS jacks.

**STUDIO TWIN** Mfr. List \$299.95 Call For BSW Price

### EVENTIDE



#### H3000 SERIES - Broadcast Ultra-Harmonizers

In addition to offering natural sounding reverbs, delays, pitch control etc., the H3000B Broadcast Ultra-Harmonizers allow broadcasters the ability to create special effects and character voices quickly, at the push of a button. **Features:** H3000B+ contains all of the original H3000B effects and time compression with the addition of algorithms for gating, compression and ducking; H3000B/LT is a lesser expensive version that does not include the variable-speed tape machine control included in the B+; the H3500BDFX offers the 3000 Series features with all the great sounds of the latest Mod Factory DFX algorithms such as ambience, reverbs, special effects, full bandwidth and glitch-free pitch shifting. plus, it offers 11 seconds stereo sampling time; The H3500BDFX/E offers 47.5 seconds stereo sampling time. All units include balanced XLR I/O

<b>H3000B/LT</b>	w/o variable speed control	<b>Mfr. List \$2,495.00</b>
<b>H3000B+</b>	w variable speed control	<b>Mfr. List \$2,995.00</b>
<b>H3500BDFX</b>	11 seconds stereo sampling	<b>Mfr. List \$3,495.00</b>
<b>H3500BDFX/E</b>	47.5 seconds stereo sampling	<b>Mfr. List \$4,095.00</b>

Call For BSW Prices

### LEXICON



#### MPX-1 - Multi-Effects Processors

The MPX-1 utilizes two independent DSP microprocessors - Lexicon's proprietary chip for dedicated reverb and a separate chip for multiple effects. **Features:** up to 5 stereo effects at once including uncompromised Lexicon stereo reverb; 200 factory presets; 50 user program locations; 18 bit A/D and 20 bit D/A conversion; complete user programmable ordering and routing of all effects blocks with graphical display; on-line help and library modes; dynamic MIDI® and MIDI automation; balanced I/O via XLR and TRS jacks; optional digital I/O.

**MPX-1** Mfr. List \$499.95 Call For BSW Price



#### ALEX/REFLEX - Digital Effects Processors

The Alex and Reflex put Lexicon's legendary digital reverb and effects processing into two affordable packages. **Features (both units):** 16 presets with three adjustable parameters giving you over 4000 effects combinations of reverbs, chorus, flanging, echoes and delays; 16 user registers (128 in Reflex) for custom patches; full remote control of program change and bypass via standard footswitches; multi-character LED display; Reflex also features Dynamic MIDI™ control.

<b>ALEX</b>	<b>Mfr. List \$399.00</b>	<b>Call For BSW Price</b>
<b>REFLEX</b>	<b>Mfr. List \$499.00</b>	<b>Call For BSW Price</b>

### YAMAHA



#### PROR3 - Digital Reverberator

The ProR3 majors in superior reverb sounds, but offers much more. **Features:** combine reverb with echo, chorus, symphonic, flange, pitch change, auto-pan effects and more; 99 presets; 99 user memory locations; parametric EQ with dedicated controls; Gating; 32-bit processing with 20 bit A/D and D/A converters; balanced XLR and unbalanced 1/4" I/O.

**PROR3** Mfr. List \$1,599.00 Call For BSW Price



#### REV500 - Digital Reverberator

A real breakthrough in price/performance level with 32 bit processing and 20 bit A/D and D/A converters. **Features:** 100 user presets and 100 user programs; exceptional reverbs, plus reverb with chorus, flanging, gate, dynamic filter and others; dedicated knobs for main parameter adjustment; built-in snare and rim-shot samples let you test programs with the front panel audition button balanced XLR and unbalanced 1/4" I/O.

**REV500** Mfr. List \$499.00 Call For BSW Price

### YAMAHA



#### REV100 - Effects Processor

The REV100 is an inexpensive, true stereo-in stereo-out multi-effects processor. Features: reverb, delay and modulation effects, plus a range of combinations; rotary controls for the three most critical parameters for all effects programs; 99 factory presets that can be edited and stored; input and output level controls; peak LEDs; MIDI interface; unbalanced 1/4" I/O.

REV100 Mfr. List \$299.00 Call For BSW Price



#### SPX1000 - Effects Processor

A true stereo, digital multi-effect system offering maximum control over all effect parameters. Features: 40 presets; effects include reverb, delay, echo, compressor/expander, harmonic exciter, sampling and more; up to 5 effects at once; unbalanced 1/4" analog I/O with simultaneous digital I/O.

SPX1000 Mfr. List \$1,829.00 Call For BSW Price



#### SPX990 - Effects Processor

This professional, true stereo-in stereo-out multi-effects processor is a standard in studios all over the world. Features: 36 main effects including reverbs, early reflections, delay, echo, modulation, pitch change, pan, freeze and combinations of the above; 3-band parametric EQ, compressor and harmonic driver can be inserted in with the main effects; 100 user memory locations; optional plug-in memory cards (MCD32) store up to 100 additional programs each; 20 bit A/D and D/A converters; balanced XLR I/O and unbalanced 1/4" I/O.

SPX990 Mfr. List \$1,179.00 Call For BSW Price

### APHEX



#### 250 - Aural Exciter

The 250's 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. Features: two modes of noise reduction allow you to actually erase noise from noisy sources; RF filtered power; I/O levels from -10 to +8 dBm; XLR balanced I/O.

250 Mfr. List \$995.00 Call For BSW Price

### APHEX



#### 104 - Type C<sup>2</sup> Aural Exciter

The 104 is Apex's newest generation AURAL EXCITER in an affordable package. Increases presence, clarity, detail and intelligibility with enhanced stereo imaging; extremely quiet and easy to use; Big Bottom provides stronger, more powerful bass without substantially increasing the peak output level; +4 or -10 dB operation; unbalanced 1/4" I/O.

104 Mfr. List \$299.00 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. Features: +23 dBu headroom; hardwire bypass; +4 dBu balanced inputs and outputs via XLR and 1/4" TRS connectors.

862 Mfr. List \$599.00 Call For BSW Price

### BEYER



#### VITALIZER - Psychoacoustic Equalizer

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, without the muddiness or boominess often associated with extensive processing. Excellent for restoration, final mixdown, duplication and broadcast applications. Features: (Classic Vitalizer) two independent channels of equalization; (Stereo Vitalizer) both right and left channels (stereo signal) driven by a single set of controls; unbalanced 1/4" I/O; optional balanced XLR I/O available.

9214	Classic Vitalizer, unbalanced 1/4" I/O	Mfr. List \$999.00
9215	Classic Vitalizer, balanced XLR I/O	Mfr. List \$1,099.00
9319	Stereo Vitalizer, unbalanced 1/4" I/O	Mfr. List \$599.00
9320	Stereo Vitalizer, balanced XLR I/O	Mfr. List \$699.00

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. Features: each channel has controls for input level, hiss reduction, LF correction and HF correction; LED metering displays filter activity; clip indicator helps set proper levels; balanced TRS I/O.

296 Mfr. List \$349.95 Call For BSW Price

## AUDIOLAB



### TD5 - High Energy Tape Degausser

Designed to erase all audio, video and computer media. Works with all formats of cassettes and tape reels up to 16" in diameter and 2" in width. Switchable intermittent or continuous duty operation.

TD5	120 volt	Mfr. List \$1,695.00	Call For BSW Prices
TD5-220	220 volt	Mfr. List \$1,795.00	Call For BSW Prices



### TD1B - Bulk Eraser

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

TD1B	Mfr. List \$145.00	Call For BSW Price
------	--------------------	--------------------

## FIDELIPAC



400



395

### 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 \$195.00	Call For BSW Price
395	Mfr. List \$100.00	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.

PF211	Mfr. List \$99.99	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.

VX1401	Mfr. List \$82.00	Call For BSW Price
--------	-------------------	--------------------

## AUDICORD



### DL SERIES - Cart Machines

The Audicord DL Series machines stand up to the daily grind of broadcasting. **Playback Features:** replay lock-out; manual or automatic muting of output audio; cue status indicators; audio on/off status lamp; multi-color LED level indicators. **Record Features:** bias and tone presence indicators; automatic meter switching; optional recording shutoff with the end of SEC tone; +8 dBm output; complete remote control connections (plugs are furnished) and multi-color LED level indicators. Balanced I/O via supplied cinch-type connectors. Dual transport units available.

DLPM	playback, mono	Mfr. List \$1,050.00
DLPS	playback, stereo	Mfr. List \$1,150.00
DLRM	record/play, mono	Mfr. List \$1,550.00
DLRS	record/play, stereo	Mfr. List \$1,800.00

Call For BSW Prices

## 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 is identical to analog cart machines, without the maintenance hassles. **Features:** built-in clock/calendar checks commercials against their kill dates; supplied keyboard for disk titling, length marking of recording, cue tone editing, cut preview and tightening; 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

### FIDELIPAC



#### CTR10 SERIES - Cart Machines

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; selectable restart disable; balanced I/O via 9-pin "D" connectors (plugs supplied). Optional D to XLR adaptors available.

**CTR12** stereo play Mfr. List \$1,935.00 Call For BSW Price  
**CTR14** stereo record/play Mfr. List \$2,890.00 Call For BSW Price



#### ESD10 - Eraser/Splice Finder

Features: dual, full track heads are incorporated instead of a coil below the deck plate resulting in an erase depth of 85 dB or more and better signal-to-noise ratio when you record your carts; extremely reliable splice detection; tape speed is 27.5 ips.

**ESD10** Mfr. List \$1,390.00 Call For BSW Price

### ITC



#### SERIES 1 - Cart Machines

Features: high speed cue, three cue tones, selectable muting at EOM tone; transformer outputs, and heavy cast aluminum deck is precision machined and nickel-plated; LED bargraph metering; LED indicators for audio present, secondary and tertiary tone detection, loop and power; balanced I/O via 9-pin "D" connector.

**SERIES1RPS** stereo record/play Mfr. List \$3,400.00  
**SERIES1PS** stereo playback Mfr. List \$2,300.00

Call For BSW Prices  
 Mono Units Available

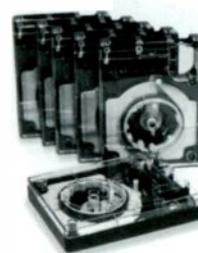
### AUDIOPAK



#### AA SERIES - Audio Cartridges

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

Call For Competitive Pricing



#### FORMULA 136 - Audio Cartridges

The former ITC Cart II with high bias, 1.5 mil tape and a unique padless tape path for extended life. (black base/clear top)

Call For Competitive Pricing

### FIDELIPAC



#### 300 SERIES/MASTERCART/COBALT - Audio Cartridges

300 Series carts feature standard bias tape in the familiar grey base and clear top shell. Mastercarts offer HOLN tape in the rugged red base/clear top cartridges. The Cobalt Series features super hot tape in the precision cartridge with dark grey base and smoky grey top.

Call For Competitive Pricing



#### 326/328/387 - Tape Head Setup Tools

The tools you need to properly set up and align your cart machine tape heads.

**326** height gauge Mfr. List \$36.00  
**328** head insertion gauge Mfr. List \$8.00  
**387** right angle zenith gauge Mfr. List \$44.00

Call For BSW Prices

## DENON



### DN790R - Professional Cassette Deck

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

DN790R Mfr. List \$1,000.00 Call For BSW Price



### DN720R - Professional Cassette Deck

For a lower cost alternative to a balanced professional cassette deck choose the Denon DN720R. **Features:** extra long life amorphous heads;  $\pm 12\%$  speed control; ultra stable tape transport; real time counter; wired remote control; 19" rack mount brackets; unbalanced RCA I/O.

DN720R Mfr. List \$500.00 Call For BSW Price



### DN770R - Professional Cassette Deck

An extremely flexible twin well, dual output deck. **Features:** 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; wired remote; 19" rack mount brackets; unbalanced RCA I/O.

DN770R Mfr. List \$700.00 Call For BSW Price

## MARANTZ



PMD501



PMD502

### PMD501/502 - Cassette Recorders

The PMD501 and PMD502 cassette decks provide Marantz quality, durability and features at very competitive prices. **Features (both decks):** quick auto reverse; large transport buttons; front panel headphone jack; Dolby B noise reduction; unbalanced RCA I/O; optional wired remote control (WRC200). **PMD502 Additional Features:** front panel mic inputs, output level control; Dolby B, C and HX Pro NR,  $\pm 15\%$  pitch; defeatable automatic level control; optional balanced XLR kit (XLR502PMD)

PMD501	single cassette deck	Mfr. List \$329.00
PMD502	single cass. deck, extra features	Mfr. List \$499.00
WRC200	wired remote	Mfr. List \$149.00
XLR502PMD	balanced I/O kit	Mfr. List \$100.00

Call For BSW Prices



### PMD510/500 - Dual Cassette Recorders

The Marantz PMD510 is a rack-mountable, dual well cassette recorder built with the professional in mind. **Features:** each of the two wells is a completely independent cassette deck with discrete stereo inputs and stereo outputs;  $\pm 15\%$  pitch control; stereo bargraph meters; linear time counters; Dolby B, C, and HX Pro; large, easy to operate transport keys; headphone output is switchable between deck A, B or A&B; 2-speed dubbing; serial recording; unbalanced RCA I/O; optional wired remote control (WRC200); optional balanced XLR kit

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

PMD510	dual deck, separate I/O	Mfr. List \$829.00
PMD500	dual deck, combined I/O	Mfr. List \$639.00
WRC200	wired remote	Mfr. List \$149.00
XLR510PMD	balanced I/O kit	Mfr. List \$229.00

Call For BSW Prices

### TASCAM



#### 122MKIII - Professional Cassette Deck

The 122MKIII is a 3-head deck with uncompromised electronics and a precision FG-servo direct-drive capstan motor for stable performance. Features: audible cue & review;  $\pm 12\%$  pitch control; real-time tape counter; two locate points and RTZ function; flexible monitor selector; Dolby HX Pro, B & C noise reduction; CA (Cobalt Amorphous) record and playback heads; gear/clutch-coupled input level controls; built-in 400 Hz and 10 kHz oscillator adjustment signals; record/mute auto spacing; 25 pin D sub connector parallel port that allows connection for multi-deck operation or remote transport control; balanced XLR type I/O (+4 dBm).

122MKIII Mfr. List \$1,349.00 Call For BSW Price



#### 112MKII - Professional Cassette Deck

A classic "no-frills" workhorse deck similar to the 122MKIII, but in a 2-head configuration. Features: Servo direct drive capstan motor for high stability recording and playback; pitch control; Dolby B & C noise reduction; Dolby HX Pro frequency extension; 2 memory locations with RTZ function; unbalanced, -10 RCA inputs and outputs; optional balanced XLR, +4 I/O kit.

112MKII cassette deck Mfr. List \$849.00 Call For BSW Price  
LA112 balanced I/O kit Mfr. List \$100.00 Call For BSW Price



#### 112RMKII - Auto Reverse Cassette Deck

A professional auto reverse deck for engineers and contractors requiring exceptional performance for continuous play applications. Features: bi-directional, 3-head transport; Dolby B & C noise reduction; Dolby HX Pro frequency extension; parallel port for external fader start; auto tape bias system; unbalanced RCA I/O; optional balanced XLR, +4 I/O kit.

112RMKII auto reverse deck Mfr. List \$1,149.00 Call For BSW Price  
LA112 balanced I/O kit Mfr. List \$100.00 Call For BSW Price

### TASCAM



#### 102MKII - Cassette Deck

A low cost, rack mount deck with center mounted transport. Features: Dolby B and C noise reduction; Dolby HX Pro frequency extension; electronic digital tape counter; auto tape selection; BIAS fine adjustment; front panel headphone jack; unbalanced RCA I/O.

102MKII Mfr. List \$369.00 Call For BSW Price



#### 302 - Professional Cassette Deck

The model 302 is actually two independent cassette decks housed in a single 3RU chassis. Features: each of the two decks is capable of recording individually or simultaneously; auto reverse on both decks; normal/high speed dubbing; continuous recording or playback; both decks have independent sets of interface connectors and transport controls; independent pitch control, Dolby B and C noise reduction and Dolby HX Pro frequency extension (independent controls per each deck); dual LED metering; control I/O and cascade outputs allow linking of up to 10 additional machines; unbalanced RCA I/O (per each deck); optional remote control (RC-302).

302 Mfr. List \$699.00 Call For BSW Price



#### 202MKIII - Cassette Deck

This dual cassette deck is ideally suited for both dubbing and continuous looping playback applications. Features: dual synchronous record mode (can make two identical copies simultaneously from an external master source); normal/high-speed dubbing; continuous auto reverse playback and recording between both decks; Dolby B and C noise reduction; Dolby HX Pro frequency extension; blank scan automatically fast forwards to next program selection; record/mute autospace function; front panel R & L mic inputs, front panel headphone jack; unbalanced RCA I/O.

202MKIII Mfr. List \$529.00 Call For BSW Price

Consumer cassette decks offer the broadcaster a cost effective alternative to professional machines. Even though durability and interface capabilities are limited, consumer machines do offer many advanced features and good sound quality. *Please note that the products listed below were current models at the time of printing. Current model numbers, features, and pricing may vary.*

## TEAC



### V-377/W-416 - Cassette Decks

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. Features: hard permalloy record/playback heads, Dolby B NR, 2-color LED level meter, 3-position tape selector and auto stop. The Teac model V-377 is a single-well machine. The W-416 is a dual-well deck with continuous playback and normal/high-speed dubbing.

V377	single deck	Mfr. List	\$119.00
W416	dual deck	Mfr. List	\$139.00
RK2	rack kit	BSW Price	\$28.95

Call For BSW Prices

## TECHNICS



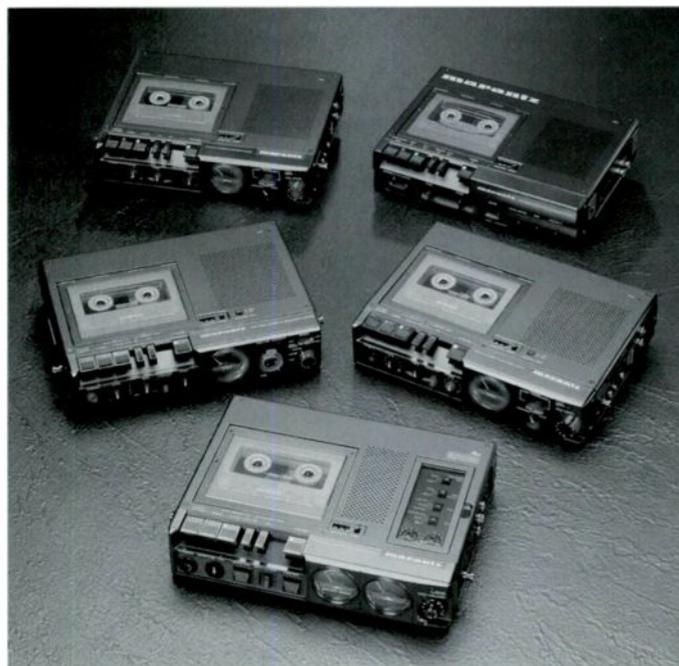
### RSTR373/575 - Double Cassette Decks

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

RSTR373	single deck	Mfr. List	\$209.95
RSTR575	dual deck	Mfr. List	\$269.95
RK4	rack kit	BSW Price	\$30.00

Call For BSW Prices

## MARANTZ



### PMD SERIES - Portable Cassette Recorders

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

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

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

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

PMD101	2 head mono	Mfr. List	\$279.00
PMD201	2 head mono	Mfr. List	\$379.00
PMD221	3 head mono	Mfr. List	\$449.00
PMD222	3 head XLR mic input	Mfr. List	\$479.00
PMD430	3 head stereo (includes case)	Mfr. List	\$649.00

Call For BSW Prices

#### Accessories:

CLC221	vinyl carrying case	Mfr. List	\$40.00
CA221	12 volt car adaptor	Mfr. List	\$40.00
DA36	AC adaptor for PMD101	Mfr. List	\$13.00
KEB20	nylon carrying bag w/ extra storage	Mfr. List	\$24.95
IC6	mic adaptor cable for PMD201/221	Mfr. List	\$15.00
FSK221	field support/repair kit	Mfr. List	\$60.00

Call For BSW Prices

Toll-Free Phone: 800 · 426 · 8434  
Toll-Free Fax: 800 · 231 · 7055

### PANASONIC



#### RQL349 - Mini Portable Cassette Recorder

This handy portable recorder is great for news gathering or taking audio notes. Features: built-in condenser mic with switchable cardioid and omnidirectional pickup patterns; variable tape speed control; auto-stop and pause; external mic input; one touch and voice activated recording; Cue and Review; tape counter; AC/ Battery operation (includes AC adaptor/recharger and rechargeable batteries); mini jack mic input.

RQL349 Mfr. List \$39.95 Call For BSW Price

### SONY



#### TCW-R565RM - Dual Cassette Deck

A high quality dual deck with some very advanced playback features. Features: dual auto reverse; deck A playback, deck B record/play; Random Music Search (RMS) feature for programmed playback of up to 28 songs (14 per side) on deck A only. When the RMS feature is active, the level meter changes to a music calendar; Multi-Automatic Music Search (AMS) helps you find songs as easily as on a CD player (both decks); Dolby B, C noise reduction and HX Pro frequency extension; pitch control (deck A only)  $\pm 30\%$ ; supplied rack ears.

TCWR565RM Mfr. List \$1,475.00 Call For BSW Price



#### 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.

TCD5 PRO II Mfr. List \$999.00 Call For BSW Price

### TELEX



#### COPYETTE EH/XL SERIES - Cassette Duplicators

Telex has several models of duplicators to match your particular application. From the cost effective Copyette EH™ Series with 1 to 1 or 1 to 3 configurations in mono or stereo, to the top of the line XL Series machines with extended life heads that can handle either ferric or chrome type tapes.

Pricing Based On Configuration

### BSW



#### Custom Loaded Cassettes

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

Call BSW For Current Pricing

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

### 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



### DN610F - CD/Cassette Deck

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

DN610F                      Mfr. List \$700.00                      Call For BSW Price



### DN2700F - Dual CD Player

For club work or live air programs, this dual player offers the convenience of dual drives with the feel of spinning discs. **Features:** independent control over pitch and speed of playback (change beat speed and maintain original pitch); definable looping; memory allows custom setting of pitch, cue point, looping for up to 200 tracks; sampling with reverse mode; brake function simulates the sound of an analog turntable spinning down; index search function; unbalanced outputs.

DN2700F                      Mfr. List \$2,300.00                      Call For BSW Price



DN951FA



ACD-5B CD Carts

### DN951FA - CD Cart Player

A robust studio CD player designed for use with Denon's protective CD Cart shells. **Features:** instant cueing aided by a select dial; audition function; single or continuous play; a digital display showing remaining or elapsed time in minutes, seconds, and frames; end monitor feature allows the operator to listen to the outro of a cut; 4-times oversampling; complete remote accessibility; Denon's unique Auto Track Select feature that reads optional barcode labels for three levels of control over play: Track Exclusive, Track Priority, and Track Lockout; balanced XLR outputs with variable output level.

DN951FA	CD player	Mfr. List \$1,500.00
ACD5B	CD cart shells	Mfr. List \$4.75 ea
Bar code labels	(sheet)	Mfr. List \$9.00 ea

## DENON



### 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 basically a *drawer-loading* version of the DN951FA shown below. 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. Balanced XLR I/O.

DN961FA                      Mfr. List \$1,500.00                      Call For BSW Price



### DN650F - Compact Disc Player

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

DN650F                      Mfr. List \$800.00                      Call For BSW Price

## MARANTZ



### PMD350 - CD Player/Cassette Deck

Two independent machines housed in a single chassis for convenience. **Features:** separate and mixed tape and CD outputs; separate pitch controls ( $\pm 12\%$ ); front panel headphone jack with source selector; independent fader starts; manual and automatic dubbing; large transport controls with LED inset; quick sensing auto reverse tape deck with Dolby B, C and HX Pro; CD player cues to music and features program, repeat and loop functions; optional wired remote (WRC200); 1/4" L&R mic inputs for tape; unbalanced RCA I/O for tape and CD, digital output for CD; optional balanced XLR kit (XLR350PMD).

PMD350	Mfr. List \$740.00	Call For BSW Prices
WRC200	Mfr. List \$149.00	Call For BSW Prices
XLR350PMD	Mfr. List \$179.00	Call For BSW Prices

# Compact Disc Machines

## CD Machines

### MARANTZ



#### PMD320/PMD321 - Compact Disc Players

The new Marantz PMD320 and PMD321 CD players are designed to provide a cost effective, commercial grade CD source for audio professionals. Features (both units):  $\pm 10\%$  pitch control; fader start; digital output; 10-key direct track access and front panel headphone jacks; +4 dBu balanced XLR outs and cue-to-music mode (PMD321 only); optional remote control (WRC200).

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



#### CDR615/CDR620 - Compact Disc Recorders

These stand alone write-once compact disc recorders allow you to standardize all your program audio around the CD format. Features (both units): built-in sample rate converter; CD/DAT/MD/DCC subcode converter; adjustable digital fade-in/fade-out; manual and automatic track incrementing; front panel headphone out with level control; complete Red/Orange Book compatibility; balanced XLR analog inputs (unbalanced outputs CDR615); RCA digital I/O. CDR620 Added Features: SCSI-II computer interface for CD-ROM recording; 2x speed recording; XLR (AES/EBU) digital I/O; digital cascading (AES/EBU); index recording and playing; 34 key two-way wired remote (optional on CDR615 (RC620)).

CDR615	Mfr. List \$2,600.00	Call For BSW Price
CDR620	Mfr. List \$3,600.00	Call For BSW Price
RC620	Mfr. List \$300.00	Call For BSW Price

### PIONEER



#### CDJ-500II - CD Turntable

The CDJ-500II provides the feel of a classic DJ turntable with the audio quality and quick access of CD. Features: oversized cue wheel simulates the action of a turntable platter; large pitch/speed slider allows tempo change of up to 10% without changing pitch; seamless loop functions; extra large cue and start buttons; large LED display; RCA stereo output.

CDJ-500II	Mfr. List \$1,000.00	Call For BSW Price
-----------	----------------------	--------------------

### SONY



#### CDP-D500 - Compact Disc Player

This high quality professional CD player will fit right in to high tech audio and video studios alike. Features: jog shuttle dial for CD frame accurate cueing; direct track access on front panel; auto cue to music; variable speed playback ( $\pm 12.5\%$ ); RS232 interface for computer control and CD text information; auto fad in/out; plays both 3" and 5" discs; DIN 8-pin remote control port for interface to consoles etc.; balanced XLR and unbalanced RCA analog outputs; AES/EBU and consumer digital outputs.

CDP-D500	Mfr. List \$1,595.00	Call For BSW Price
----------	----------------------	--------------------



#### CDP-XE500 - Compact Disc Player

Features: exceptionally good sound quality; wireless remote features 10-key direct track access; jog dial track search; three play modes and 2 repeat modes; peak search; 3-mode music scan; front panel headphone jack; unbalanced RCA analog output; optical digital output. Optional RK7 rack kit.

CDP-XE500	Mfr. List \$200.00	Call For BSW Price
RK7 rack kit		BSW Price \$32.00

### TASCAM



#### CD401MKII - Compact Disc Player

Features: a precision 3-beam pickup system combined with 18-bit 4 times oversampling D/A converters for excellent sound quality; pitch control; fader start; auto cue; single play; balanced XLR and unbalanced RCA analog outputs; coaxial digital out; optional remote control (RC401).

CD401MKII	Mfr. List \$1,049.00	Call For BSW Price
-----------	----------------------	--------------------



#### CD-305 - Multiple CD Player

Features: 5 disc player; switchable 120/240 volts; wireless remote control; balanced XLR and unbalanced RCA outputs; digital output.

CD305	Mfr. List \$599.00	Call For BSW Price
-------	--------------------	--------------------

# A Perfect 10.0 from Marantz

Whatever your applications...

Whatever your product need...

Whatever your specification...

Ten great products (and growing).  
One great name.

**Marantz Professional.**



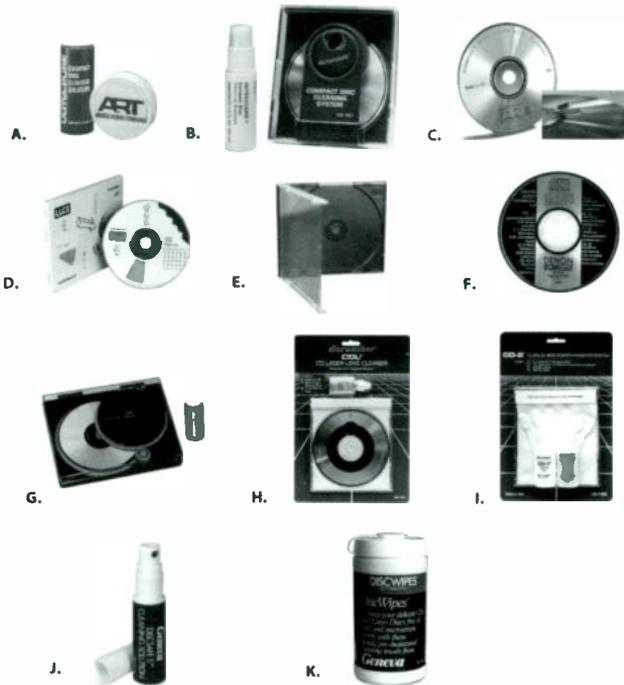
**Call BSW today for pricing.**

**marantz**

Superscope Technologies, Inc.

# Compact Disc Accessories

## CD Accessories/Sound Effects



- (A) A.R.T. Model CD101P - CD Cleaner**  
Non-abrasive cleaning pad with non-alcohol cleaning fluid.  
BSW Price \$12.00
- (B) A.R.T. Model CD121 - CD Cleaner**  
Radial-action cleaner with non-alcohol cleaning fluid  
BSW Price \$26.00
- (C) A.R.T. Model LL151 - Laser Lens Cleaner**  
Gently cleans lens with special dual fiber brushes  
BSW Price \$25.00
- (D) BSW Model LLC3 - Laser Lens Cleaner**  
Cleans with gentle brushing action. Includes test tones.  
BSW Price \$29.95
- (E) BSW Model CDBOX - CD Jewel Case**  
Standard size replacement for broken cases.  
BSW Price \$0.55
- (F) Denon Model CD7147 - Test CD**  
99 audio test including freq. sweeps, tones, pink noise and more.  
BSW Price \$26.00
- (G) Discwasher Model CDC - CD Cleaner**  
Rotary-action cleaner with fluid  
BSW Price \$16.40
- (H) Discwasher Model FG1107 - Laser Lens Cleaner**  
Includes fluid and replacement pad.  
BSW Price \$18.30
- (I) Discwasher Model FG1163 - CD Repair Kit**  
Includes fluid, polish, applicators and wipes to remove scratches.  
BSW Price \$10.10
- (J) Geneva Model PF416 - CD Cleaning Spray**  
Convenient spray for use with soft cleaning cloth. 1 oz. bottle.  
BSW Price \$6.75
- (K) Geneva Model PF425 - CD Cleaning Wipes**  
No-nonsense, easy to use tissues in fluid. 70 per container  
BSW Price \$7.25

## HBS



### CD Music Libraries

CD and hard drive music libraries featuring original hit versions by the original artist. A comprehensive data base is included, ready to load into your music scheduling system. Choose from several libraries including Rock 'N' Roll Graffiti (oldies 50's & 60's), Seventies AC Gold, AC/Hot AC Eighties and Nineties, Country Hits and Classic Rock (60's, 70's and 80's).

Call For BSW Pricing

## SOUND IDEAS



### CD Sound Effects/Production Music

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

Call For Descriptions And BSW Prices

## VALENTINO INC.



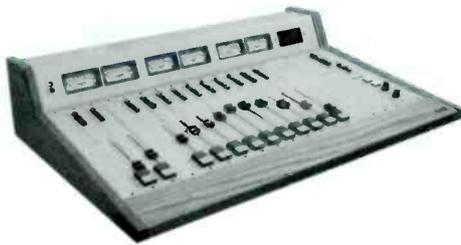
### CD Sound Effects

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

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

Call For BSW Prices

## ARRAKIS



### 12,000 SERIES - Audio Consoles

These modular consoles feature a 'Universal Bus' design that allows any type of module to be placed in any position in the mainframe. Three mainframe sizes (8, 18, 28) are available in through-table or tabletop configurations. **Features:** ultra high performance; mainframe can be fitted with standard mic or line modules, or with digital control modules for interface with Digilink workstations; 2 inputs per channel; built-in timer; extensive metering facilities; monitoring for control room and 2 studios; 3 stereo outputs (Program, Audition and Utility); mono mix output; two telephone mix-minus buses; Penny and Giles faders; ITT Schadow switches rated at 5 million operations; gold board connectors; solid oak trim. **Options:** choose from a number of module options including inputs, outputs, machine control, source/monitor selectors, DA, digital control and more, plus turret modules including on/off/cough, headphone, monitor level and timers. **Dimensions:** (12,000-8) 17"W; (12,000-18) 32"W; (12,000-28) 47"W x 22"D on thru table and 24"D on tabletop.

Standard 12 Channel models under \$7,000 Mfr. List Price  
Call For BSW Prices



### 22,000 SERIES - Audio Consoles

The 22,000 Series takes the concept of the air console as the control focal point to the next level by integrating video monitoring and direct digital workstation control with traditional console studio controls. Available in 18 and 28 channel through-table mainframes, the 22,000 shares the 12,000 Series' 'Universal Bus' design and supports all of the 12,000 Series modules. **Features:** special low profile meter bridge allows a 14" VGA monitor to sit atop the console for easy viewing; bright, extended range LED meters for the 3 output buses; comprehensive control channel logic; mainframe can be fitted with standard mic or line modules, or with digital control modules for interface with Digilink workstations; 2 inputs per channel; monitoring for control room and 2 studios; 3 stereo outputs (Program, Audition and Utility); mono mix output; two telephone mix-minus buses; Penny and Giles faders; ITT Schadow switches rated at 5 million operations; gold board connectors; solid oak trim. **Options:** choose from a number of module options including inputs, outputs, machine control, source/monitor selectors, DA, digital control and more, plus turret modules including on/off/cough, headphone, monitor level and timers. **Dimensions:** (22,000-18) 32"W x 29"D; (22,000-28) 47"W x 29"D.

Price Based On Configuration

## ARRAKIS



### SC Series - Consoles

SC Series 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.

**SC Series Features:** 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 mix-down; telephone mix-minus; remote start (except 1505C); 2-year warranty. Call for console dimensions.

1505CT6S	6 channel, 18 inputs	Mfr. List \$2,495.00
5005CT8S	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. The 1200-5 is a 5 channel, 10 input, stereo output console, the 1200-10 is a 10 channel board with 20 total inputs and dual stereo out and the 1200-15 has 15 channels with 25 total inputs.

**Features:** stereo and mono mix outs; mix-minus bus; stereo monitor outs with dim & talkback; remote channel on/off with tally, cough and talkback; 2 external monitor inputs; mono cue w/Autocue; VCA control of all faders and DC control of all audio switching; 5 million operation switched; control interfaces for Digilink workstations; >100 dB dynamic range; .02% THD. **Options:** control interface for DL4 workstation (DL4-1200). **Dimensions:** (1200-5) 15"W; (1200-10) 23"W; (1200-15) 30.25"W x 12"D x 7"H

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

## AEQ



### BC300A - Audio Console

A surprisingly affordable and compact console suitable for a variety of applications from on-air to remotes. Features: built-in telephone hybrid; built-in 10 watt/channel stereo monitor amp with programmable studio monitor muting; master and AUX outputs; built-in stereo cue speakers; routable talkback. Model BC-306 includes 2 mono mic/line inputs and 4 stereo line inputs. Model BC-312 includes 4 mono mic/line inputs and 8 stereo line inputs. Dimensions (both models): 23.7"W x 14"D x 6.9"H.

BC306	Mfr. List \$1,975.00	Call For BSW Price
BC312	Mfr. List \$2,795.00	Call For BSW Price

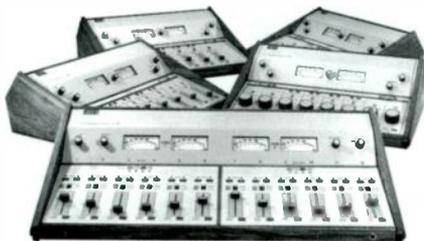


### BC500A - Audio Console

Now you can have the flexibility of a modular console at a very affordable price with the AEQ BC-500A. Standard configuration includes 4 mono mic/line modules, 6 dual line modules, telephone module, main stereo out, AUX stereo out, monitor/communication module and 4 blank modules. Additional modules and options can be added. Features: 20 position mainframe; 2-band EQ on mono channels; telephone hybrid interface; extensive control room and studio monitoring; built-in stereo cue speakers; large 16 segment metering for master and AUX or Cue. Dimensions: 32.5"W x 23.25"D x 12.5"H.

Standard configuration (see above) \$5,235.00 Mfr. List  
Call For BSW Prices

## ATI



### VANGUARD SERIES - Audio Consoles

Vanguard Series Consoles offer superior performance and long term reliability with linear or rotary faders. Features: long-life membrane buttons for all switching; VCA control of audio; tough polycarbonate overlay; built-in cue amp and speaker; programmable muting for each input; three-input headphone and monitor selectors; 2 mic preamps. Dimensions: (BC6 and BC8) 23.5"W; (BC12) 32"W x 18.38"D x 8"H.

BC6DSL/R	6 linear or rotary faders, 12 inputs	Mfr. List \$3,245.00
BC8DSL/R	8 linear or rotary faders, 12 inputs	Mfr. List \$3,755.00
BC12DSL	12 linear faders, 24 stereo inputs	Mfr. List \$5,395.00

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. Dimensions: (R/TV12) 37.5" W; (R/TV20) 44"W x 21.75"D x 10"H.

R/TV20	Mfr. List \$13,451.00	Call For BSW Price
R/TV12 (not shown)	Mfr. List \$11,153.00	Call For BSW Price



### PACEMAKER SERIES - Audio Consoles

Pacemaker consoles offer an incredible amount of flexibility without an enormous price tag. The Pacemaker 648 features 8 inputs per channel (48 inputs total). On the 618, channels 1-5 have dual inputs, channel 6 has 8 inputs. The 828 has 28 stereo inputs, the 1032 has 32 stereo inputs. Both the 828 and 1032 have 2 inputs per channel and 2 banks of remote selectors. The 1644 is 16 channels with 44 inputs. Features (all Pacemakers): VCA level controls; no audio transformers; Shadow selector switches; electronic switching; mix-minus bus; engraved front panel; Penny and Giles faders; pluggable miniature terminal strips. Call for console dimensions.

618	6 channels, 18 inputs	Mfr. List \$5,221.00
648	6 channels, 48 inputs	Mfr. List \$6,790.00
828	8 channels, 28 inputs	Mfr. List \$6,365.00
1032	10 channels, 32 inputs	Mfr. List \$7,527.00
1644	16 channels, 44 inputs	Mfr. List \$9,493.00

Call For BSW Prices



### MINI-MIX SERIES - Audio Console

Mini-Mix 12A Features: 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. Dimensions: 27.25"W x 15.5"D x 4.7"H. Mini-Mix 8A Features: 8 slide pots for 12 inputs (6 balanced, 6 unbalanced). Dimensions: 19.4" x 15.5"D x 4.75"H.

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

# Take a LOOK at THIS:



## Then look at our competition.

**OF COURSE** many stations are cost-conscious these days—just remember why you wanted a new console in the first place: to **UPGRADE**.

**The R-60** has what's needed, with all the right features: our **SIMPLE PHONE®** module for easy error-free talk segments; twin six bank preselectors, so you won't run out of input capacity; onboard machine control panel, clock, timer, a well-designed cue system, and a truly effective control room and studio monitor interface. And because it's totally modular, service is easy—even while you're on-the-air! Documentation: this can determine whether you have an installation day or an installation *week*. We've done it right to guide you through. And **PERFORMANCE?** Of course we've handled that; simply compare our specs.

**DON'T MISS your opportunity to upgrade.** Choose the R-60 radio console from **AUDIOARTS**.

### FREQUENCY RESPONSE

Line (10Hz-20KHz)  $\pm 1/10$ dB  
Mic (20Hz-20KHz)  $\pm 1/10$ dB

### THD+N (20Hz-20KHz)

Line, +4dBu .005%  
Mic & Line, +16dBu .005%

### IMD (SMPTE)

Mic & Line, +4dBu .004%

### DIM

Mic & Line, +16dBu .005%

### DYNAMIC RANGE

Line 114dB  
Mic 98dB

### HEADROOM

ref +4dBu 24dB

### OFF & ASSIGN ISOLATION

1 KHz -110dB  
20 KHz -105dB

### BUS CROSSTALK

1 KHz -100dB  
20 KHz -75dB



**AUDIOARTS® ENGINEERING**

## AUDIOARTS



### R60 - Audio Console

Available in 8, 12 and 18 channel versions, the R-60 console offers totally modular design with features and durability suitable for on-air use.

**Features:** 2 inputs per channel; PROGRAM, AUDITION and MONO buses; studio control module with talkback; remote module control of ON/OFF, COUGH and TB; ON/OFF machine control on each channel; illuminated switches throughout; automatic control room and studio muting; Penny & Giles® faders; LS-60 six-source line selector module. (R60-8 & R60-12) 27.75"W; (R60-18) 36.75"W x 21.5"D x 7.25"H.

**Options:** SP-60 telephone module; TR-60-FF full function machine control module; TR-60-SS triple "Start/Stop" machine control module; custom engraved "off" buttons; colored fader knobs.

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

## AUDIOARTS



### R-5 - Audio Console

A quality Audioarts console in a cost effective, fixed-position configuration. **Features:** 13 channels (2 mic, 10 stereo line, 1 telephone); 4 high quality mic preamps; 2 inputs per channel; illuminated switches throughout; Simple Phone® telephone channel and mix-minus out; Sifam stereo VU meters for Program and Audition; channel On/Off switches with full machine control logic and programmable monitor muting; remote control of channel ON/OFF; six-source stereo line selector; studio control with talkback; 5-source control room monitor selector (PGM, AUD, TEL, EXT1, EXT2); built-in digital timer with Start/Stop, Reset and Hold controls; tape machine remote control section; built-in cue speaker and amp; slim profile surface mount chassis. Dimensions: 31.4"W x 21.5"D x 8"H. Options: colored fader knobs.

R-5	Mfr. List \$5,795.00	Call For BSW Price
-----	----------------------	--------------------



### R16 - Audio Console

The R-16 offers high quality mixing with all the necessary features of a full-sized on-air board in a compact package. Standard configurations come with 2 mic input modules and either 4 or 8 stereo line input modules, master output and control room modules as well as 3 blank slots that can be loaded with optional accessory modules. **Features:** modular construction; program, audition and cue buses; machine start/stop switches; built-in cue speaker; studio talkback; gold audio switches; gold edgcard connectors; conductive plastic faders and monitor pots; fully burned-in socket-mounted ICs; top-rate documentation. Dimensions: 23"W x 17"D x 6.8"H. Options: LS-16 stereo line selector; FF-1 full-function tape remote; SS-3 start/stop tape remote; hot stamped OFF buttons; color fader knobs

R16-10	ten channel	Mfr. List \$3,895.00	Call For BSW Price
R10-6	six channel	Mfr. List \$2,695.00	Call For BSW Price

## FIDELIPAC



### MX/D - Digital Audio Console

The MX/D lets you experience the benefits of a completely digital signal path without loosing the familiarity of operation of analog on-air consoles. **Features:** 8 mixer channels controlling 16 inputs; choose any combination of analog or digital input modules; analog modules provide 18 bit A/D conversion from XLR connectors; mic preamp standard with all analog input modules; digital input modules have AES/EBU connectors (accepts S/PDIF format) and provides sample rate conversion; A/B input select with LED indicator; 3 digital plus 3 analog outputs; 48 kHz digital out standard (optional 44.1 kHz or 32 kHz) LED lighted buss assignment switches for Program, Audition, Mono and Cue; Cue activated via fader detent and momentary cue switch; LED metering for PGM, AUD and Mono buses; count up event timer; built-in cue amp and speaker; independent A/B remote start and stop; excellent RF immunity; remote channel On/Off; Lexan overlay on all control surfaces; Dimensions: 25.75"W x 23"D x 9.25"H.

Price Based On Configuration



## The Dynamax MX/D Digital Audio Console

- Conventional 8 Channel On Air Layout
- Selection of analog and digital input modules
- A&B input select switches with LED indicator
- LED lighted buss assignment switches for PGM, AUD, MONO and CUE
- Full LED metering for all buss lines
- Count up event timer standard
- VCA monitor, cue and phone level control
- Full monitoring/cueing facilities
- Built-in cue amp with speaker and amplified stereo 8-ohm headphone output
- Independent A/B remote start and stop
- Remote module on/off control
- Mic pre-amp on every analog input module
- Lexan overlay on all control surfaces
- Solid steel construction for RF immunity
- Remote power supply
- XLR input and output connectors

### INPUTS: (16 Total)

- A/D input modules with 18 bit precision conversion
- Digital input modules with SRC AES/EBU connection
- Accepts SPDIF format
- Active balanced analog input levels with independent A/B level control

### OUTPUTS: (3 digital plus 3 analog)

- Digital AES/EBU output for PGM, AUD and MONO
- Analog active balanced output for PGM, AUD and MONO
- Active balanced monitor outputs

### MAIN DSP BOARD:

- 24-bit internal processing
- 48 kHz sampling rate
- Designed by Graham-Patten Systems

*Available Now—  
Call BSW for Information*



**DYNAMAX**<sup>®</sup>  
BROADCAST PRODUCTS BY FIDELIPAC<sup>®</sup>

Fidelipac Corporation  
P.O. Box 808 • Moorestown, NJ 08057 • USA

## 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.

Features: 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 \$8,210.00 Mfr. List

Call For BSW Prices

## LOGITEK



### SERIAL SOUND - Digital Air Console System

More than a fixed console, the Serial Sound is a digital mixing system consisting of the control surface (pictured) and a rack mount audio processing unit. Two control surfaces can be connected to the audio processor at the same time. This allows the Serial Sound to act as two separate consoles or one large one. There is also provision for external computer control for automation etc. Features: 32-bit DSP audio processing with 16-bit control processing; control surfaces feature ten 100mm sliders, each with a 16 character LCD display showing the selected signal source; assign multiple inputs to sliders in any configuration; up to 64 mono inputs and 64 mono outputs or 32 stereo inputs and outputs are available depending on the number of I/O cards purchased (8 inputs and outputs per card - up to 8 cards); digital or analog audio I/O cards available; sophisticated control of external devices possible via channel On/Off buttons and optional computer control; flexible multiple bus assignment; cue bus with built-in amp and speaker; flexible multiple source monitoring section; built-in multifunction clock/timer; 25-LED VU bargraph meters for Program and Audition. Dimensions: (control surface) 29"W x 16"D x 6"H; (rack mount audio processor) 6RU high x 14"D.

Standard 12 Channel model \$8,200 Mfr. List Price

Call For BSW Prices

## LPB



### 7000 SERIES - Audio Console

Available in 12 and 18 channel models. Features: 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. Dimensions: (7012) 29"W; (7018) 49"W x 25"D x 8"H.

7012 12-channel stereo

Mfr. List Under \$6,995.00

7018 18-channel stereo

Mfr. List Under \$9,295.00

Call For BSW Prices



### SIGNATURE III SERIES - Audio Consoles

These consoles offer real ruggedness and demonstrated RFI immunity with 6, 8, 10 and 12 channel models. Features: built in cue amp/speaker and monitor amp; 3 inputs per mixer.

Prices Range From \$4,595.00 to \$7,295.00 Mfr. List

Call For BSW Price

## SOUNDCRAFT



### RM100 - Audio Console

Modular consoles, available in three mainframe sizes, operate on voltages between 90V and 240V, 50-60Hz. Features: mono mic/line, stereo and telephone input modules; channel on/off and control/status logic; stereo program, stereo audition, mix-minus and mono output busses; standard meter bridge includes a pair of VU meters; deluxe meter bridge adds a digital timer and internal cue speaker; standard packages shown below include 1 or 2 mono modules, a telephone module and the balance in stereo line modules. The 12 and 20 channel standard packages feature the deluxe meter bridge. Custom loading available. Dimensions: (170STD) 17"W; (1701STD) 22.7"W; (172STD) 33.6"W x 9.68"H x 17.2" D.

Prices Based On Configuration

## AUDIOARTS



### MR-40 - Audio Consoles

The MR-40 has features that allow it to function as a multitrack production board and double as a secondary on-air board. **Features:** 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; mono mic/line and stereo line inputs; channel on/off with machine control; defeatable 3-band equalizer on input channels; dedicated 4-track monitor section; studio/control room monitor section with talkback; cue on inputs, subgroups and stereo module; studio muting and tally functions; cue speaker and amp; metering for 4 subgroups and stereo program. Dimensions: 29.5"W x 7.75"H x 22"D. **Options:** 5-input stereo source selector; tape control modules; custom engraved off buttons; color fader knobs.

MR-40 Mfr. List \$7,995.00 Call For BSW Price

## MACKIE DESIGNS



### SR SERIES - Audio Consoles

Mackie's SR consoles offer durability and quality in a flexible 4-bus format that is suitable for both recording and sound reinforcement. **Features:** ultra-high headroom/ultra-low noise performance; rigid steel chassis, super heavy-duty knobs and horizontal fiberglass circuit board with brass standoffs ensure bulletproof reliability; wide bandwidth mic preamps; accurate, log-taper 60mm faders; 3-band EQ with sweepable mids on all inputs; low-cut input filter; unique ultra-high frequency EQ enhancer on sub groups; 6 AUX sends (4 can be pre or post fader); pre and post fader listen (cue); special level setting function in solo (cue) mode; flexible control room and tape monitoring; talkback facilities; balanced mic and line inputs (XLR and TRS); balanced TRS AUX outputs; balanced TRS and XLR main stereo outputs. Dimensions: (SR24-4) 31"W; (SR32-4) 41.4"W x 6"H x 19.2"D. **Options:** Mixer stand (Quik Lok ZM2025 for SR24-4; ZM2034 for SR32-4) see page 122.

SR32-4 32 channels Mfr. List \$2,299.00 Call For BSW Price  
 SR24-4 24 channels Mfr. List \$1,599.00 Call For BSW Price

## MACKIE DESIGNS

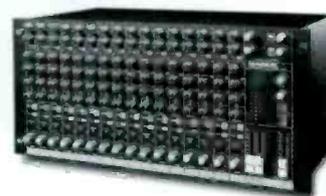


### 8•BUS - Audio Console

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 excellent value for the dollar. **Features:** 100mm precision network faders; separate tape monitor path; A & B mix paths; 6 aux sends and returns; 4-band EQ (HI & LO shelving; HI MID sweep & LO MID sweep); solo/channel metering, 2 headphone mixes; studio/control speaker mixes; talkback with built-in mic; balanced XLR mic and TRS line inputs; balanced XLR main outputs; balanced TRS sub outputs; Dimensions: (16•8) 29.2"W; (24•8) 37"W; (32•8) 45.8"W x 28.8"D x 4.8"H w/o meter; 9"H w/meter. **Options:** 24•E, 24 input expander console; meter bridges (MB•16, MB•24, MB•32); console stands (ST16•8, 24•8, 32•8 & 24•E), SC•8 sidecar with 11 rack spaces for patch bays, power supplies etc.

16•8	16 channel	Mfr. List	\$3,199.00
24•8	24 channel	Mfr. List	\$3,999.00
32•8	32 channel	Mfr. List	\$4,999.00
24•E	24 channel expander	Mfr. List	\$2,999.00
MB•16	meter bridge	Mfr. List	\$699.00
MB•24	meter bridge	Mfr. List	\$799.00
MB•32	meter bridge	Mfr. List	\$899.00
MB•E	meter bridge	Mfr. List	\$699.00
SC•8	sidecar	Mfr. List	\$399.00
Floor Stands	(all Models)	Mfr. List	\$299.00

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! **Features:** luxurious headroom; unity gain structure; +4dBu internal operating levels; intuitive layout; 3-band EQ; two of Mackie's famous studio grade mic preamps with input trim that can be patched to any of the 16 channels; separate monitor/control room out with level control; unique Mute/Alt 3/4 feature mutes a channel input and reroutes it to the Alt 3-4 outputs creating an additional stereo mix; switch for sending AUX return 4 to monitor mix only (for listening to external cue sources or hearing a pre-program mix with effects). Dimensions: 19"W x 8.73"H (5 RU) x 9.66" D. **Options:** LM3204E 16 channel mixer expander.

LM3204 Mfr. List \$999.00 Call For BSW Price  
 LM3204E Mfr. List \$899.00 Call For BSW Price

### MACKIE DESIGNS



#### CR1604VLZ - Audio Mixer

The latest rendition of the mixer that started the Mackie craze, now with VLZ architecture for optimum audio performance. Features: 16 mic/line inputs with Mackie's famous preamps with 60dB of gain and a virtual 10dB pad to handle a wide range of input signals; accurate 60mm log-taper pots; 3-band EQ with swept mids and low-cut filter; 6 AUX sends (AUX 1&2 are switchable pre/post fader); PFL & AFL (solo) button; channel mute; switchable low cut filter; true 4-bus design with subgroup and stereo bus assign; a handy effects-to-monitor switch lets you blend effects back into the AUX bus for monitors; control room/headphone monitor section with source matrix for monitoring tape, sub1&2, sub 3&4 and main mix; unique 5-way physical configuration with rotating input/output pod; balanced XLR outputs. Dimensions: 19"W, Height ranges from 4.9" to 9.3" depending on I/O pod configuration, depth 12.8" with I/O jacks extending behind mixer, 17.9" with I/O pod facing up or toward the top of the mixer. Options: RP1604VLZ rack adapter for roto pod; MixerMixer lets you combine up to 12 outputs from any 3 mixers.

CR1604VLZ	Mfr. List \$1,199.00	Call For BSW Price
RP1604VLZ	Mfr. List \$25.00	Call For BSW Price
MIXERMIXER	Mfr. List \$229.00	Call For BSW Price



#### MS1402VLZ - Audio Mixer

Mackie's newest VLZ mixer offering performance that's dead quiet with absolute minimum crosstalk. Features: 6 mic inputs with Mackie's famous high-gain preamps; 4 stereo line inputs; accurate 60mm log-taper pots, 2 AUX sends and returns; AUX1 can be selected for pre, or post fader; 3-band EQ; PFL (solo) button; Mute/ALT 3-4 Bus feature allows you to mute the audio of a given channel from appearing in the main mix and route the signal to a stereo ALT output. This can be used for a cue bus or to create a separate stereo mix. The first 6 channels offer 60dB of gain with a virtual 10dB pad to handle a wide range of input signals; switchable low cut filter (channels 1-6); a handy EFX-to-monitor switch lets you blend effects back into the AUX1 bus for monitors; separate control room and headphone sections offer more monitoring flexibility; balanced XLR outputs. Dimensions: 14"W x 3.3"H x 13"D. Options: RM1402-VLZ rack ears; KEB31 carrying case.

MS1402VLZ	Mfr. List \$599.00	Call For BSW Price
RM1402VLZ	Mfr. List \$12.00	Call For BSW Price

### MACKIE DESIGNS



#### MS1202VLZ - Audio Mixer

This second generation mixer is built around Mackie's VLZ architecture used in Mackie's acclaimed 8-Bus consoles, offering performance that's dead quiet with absolute minimum crosstalk. Features: 4 mic inputs with Mackie's famous high-gain preamps; 4 stereo line inputs; 2 AUX sends and returns; AUX1 can be selected for pre, or post fader; 3-band EQ; PFL (solo) button; Mute/ALT 3-4 Bus feature allows you to mute the audio of a given channel from appearing in the main mix and route the signal to a stereo ALT output. This can be used for a cue bus or to create a separate stereo mix. The first 4 channels offer 60dB of gain with a virtual 10dB pad to handle a wide range of input signals; switchable low cut filter (channels 1-4); a handy EFX-to-monitor switch lets you blend effects back into the AUX1 bus for monitors; separate control room and headphone sections offer more monitoring flexibility; balanced XLR outputs. Dimensions: 11.8"W x 3.3"H x 11.2"D. Options: RM1202-VLZ rack ears; KEB22 carrying bag.

MS1202VLZ	Mfr. List \$429.00	Call For BSW Price
RM1202VLZ	Mfr. List \$12.00	Call For BSW Price

### SOUNDCRAFT



#### DELTA/K1 SERIES - Audio Consoles

Soundcraft Delta Series consoles represent the ultimate in audio performance and styling, drawing their heritage from the famed British console tradition. Whether your field of focus is radio/TV broadcasting, music performance/production or video/post, Soundcraft has a model to fit your application. The K1 is the affordable, 4-bus 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-bus, fully modular recording console also in 8, 16, 24 and 32 channel versions. Delta 8 is a modular 8-bus 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



# VLZ MICROSERIES: SMALL MIXERS WITH WHAT IT TAKES TO HANDLE SERIOUS PROJECTS.

MICRO SERIES  
1202 VLZ  
4 MONO CHS.  
4 STEREO CHS.  
  
MICRO SERIES  
1402 VLZ  
6 MONO CHS.  
4 STEREO CHS.  
  
CALL TOLL FREE, FAX OR E-MAIL FOR YOUR 4C-FG "IN YOUR FACE" COMPACT MIXER TAB/DIO AND APPLICATIONS 6 JIDE

## BOTH MODELS HAVE:



Studio-grade mic preamps with discrete circuitry for high headroom low noise (-129.5 dBm E.I.N.) and wide frequency response (over 300kHz).



Low Cut filters (18dB/oct. @75Hz) on mono mic/line channels allow use of low-frequency EQ on vocals without boosting room rumble, mic thumps, P-pops and wind noise.

Trim Controls on mono channels have 60dB total gain range for boosting weak sound sources and a 10dB "virtual pad" for taming hot digital multitrack outputs.

2 Aux Sends per channel (one globally switchable pre/post, one post-fader), each with 15dB of gain above Unity to boost weak effects.



3-band equalization with 12kHz High shelving EQ, broadband musical 2.5kHz peaking Midrange & 80Hz Low shelving EQ.

Constant loudness pan controls.



Mute button routes signal to "bonus" Alt 3-4 stereo bus outputs & Control Room matrix. Handy for both recording and live applications.



**MS1402-VLZ ONLY:** 60mm logarithmic-taper faders based on our exclusive 8-Bus design. Long-wearing wiper material and tight polymer lip seals to protect against dust & other crud.



Built-in power supplies — no outlet-eating wall warts or hum-inducing line lumps.

Phantom power so you can use high quality condenser microphones. XLR outputs with mic-line level switch (along with 1/4" TRS outputs on top panel).

## MS1202-VLZ • 12x2 • 4 MIC PREAMPS



## MS1402-VLZ • 14x2 • 6 MIC PREAMPS



All inputs & outputs are balanced<sup>1</sup> to cut hum & allow extra-long cable runs, but can also be used with unbalanced electronics. <sup>1</sup>except RCA tape jacks, headphone jack & inserts.

**VLZ (Very Low Impedance)** circuitry first developed for our 8-Bus console series dramatically reduces thermal noise & crosstalk in critical areas.



Control Room outputs feed monitor speakers without tying up the headphone jack.

## BOTH MODELS HAVE:

Radio Frequency Interference protection via metal jacks & washers plus internal shunting capacitors.

High-output headphone amp can drive virtually any set of phones to levels even a drummer can appreciate.

Aux 1 Master level control & pre/post switch.

Effects Return to Monitor switch folds Aux Return 1 effects into a stage monitor mix via Aux Return 2 level control.

RCA-type tape inputs & outputs.

Peak-reading LED meters with Level Set LED combined with In-Place Solo allows fast, accurate setting of channel operating levels for maximum headroom and lowest noise floor.

Control Room/Phones Matrix adds monitoring, mixdown & metering flexibility. Select any combination of Main Mix, Tape In and Alt 3-4 signals for routing to phones, Control Room outputs and meters. Can be used as extra monitor or headphone mix, tape monitor, or separate submix. Way cool.

Tape Assign To Main Mix assigns unbalanced RCA tape inputs to main mix. Besides its obvious use as a tape monitor, it can also add an extra stereo tape or CD feed into a mix or play music during a break. **MS1402-VLZ only:** Global Solo Mode selects PFL or AFL solo modes.

Solid steel chassis & thick fiberglass internal circuit boards resist abuse. Channel inserts on mono channels.

**N**ot every production project requires dozens of input channels and boatloads of buses.

But doing ANY audio job well requires a mixer with superb specs...and the right combination of useful features.

Our MicroSeries 1202-VLZ and 1402-VLZ might have small footprints, but when it comes to performance they walk very tall.

Since both are basically chips off our blockbuster 8-Bus Series consoles, they have big-board specs:

- greater than 90dBu signal to noise ratio, less than 0.005% distortion, more dynamic range than compact discs and frequency response that's only down 1dB at 60,000 Hz.

Why own an imitation when you can own the brand of compact mixer that serious pros prefer. Call for info today.

### SPIRIT



#### RW5347 FOLIO SX - Audio Console

Here's a portable mixer with plenty of inputs for even complex mixes in the field. Features: 12 mono mic/line input channels; 4 stereo line inputs (unbalanced RCA and balanced TRS) 3-band EQ with swept mids on mono channels; 3 AUX sends on all input channels (1 pre, 1 post, and 1 pre/post switchable); 3 AUX returns; stereo main and sub mix buses; 100mm faders on all input channels; PFL (cue) on all input channels; insert points on all channels; switchable pre/post direct outs on channels 1-8; dedicated 2-track input; TRS balanced group and main outputs. Dimensions: 18.9"W x 20.2"D x 2.8"H.

RW5347

Mfr. List \$769.95

Call For BSW Price

### SPIRIT



#### RW5353-FOLIO NOTE PAD - Mixing Console

DAT quality audio and versatile features in the smallest mixer available from Spirit. Features: mono mic/line inputs with high-gain, low-noise mic preamps, phantom power and 2-band EQ; 2 stereo line inputs equipped with switchable RIAA turntable preamps; post fader AUX sends on each input channel; dedicated stereo effects return; 2-track return; peak and VU metering; separate main and monitor outputs; balanced TRS main and monitor outputs. Dimensions: 9.6"W x 8.9"D x 2"H. Options: carrying bag KEB22.

RW5353

Mfr. List \$249.95

Call For BSW Price

### TASCAM



#### M2600MKII SERIES - Audio Consoles

M2600MKII is Tascam's affordable 8-bus console series designed specifically for recording. Features: premium quality mic preamps; direct-to-tape or subgroup assign on each channel; shelving and semi-parametric sweep EQs can be used in either the monitor or channel paths; 6 dedicated pre/post sends (two stereo); two independent signal paths on each channel strip; 2 independent stereo cue mixes; balanced tape returns; talkback and solo capabilities; balanced XLR main and 2-track outputs. Dimensions: (M2600/16) 32.5" W; (M2600-24) 41.8"W; (M2600/32) 51" W x 23" D x 7.5"H Options: meter bridges MU2616, MU2624 and MU2632.

M2600/16MKII

Mfr. List \$3,199.00

Call For BSW Price

M2600/24MKII

Mfr. List \$3,999.00

Call For BSW Price

M2600/32MKII

Mfr. List \$4,999.00

Call For BSW Price

#### RW5141 FOLIO RACPAC - Audio Console

This multi-purpose mixing console has all the qualities of a recording console, at the same time meets the unique requirements of live performance mixing. Features: 14 input channels with up to 28 inputs at mixdown; 4-bus group section; low noise, high gain mic preamps and 3-band EQ with swept mids on channels 1-14; 2 stereo line inputs with 2-band EQ; 60mm faders on all input channels; stereo solo on all input channels; direct outs on all mono channels; 6 versatile AUX sends; dedicated 2-track input; TRS balanced group and main outputs. Dimensions: 19"W x 13.5"D x 6.5"H.

RW5141

Mfr. List \$1,199.00

Call For BSW Price



#### RW5157 FOLIO LITE - Mixing Console

Spirit's very rugged and versatile compact mixer is also very affordable. Features: 4 balanced mic/line inputs with high-gain, low-noise mic preamps; 4 stereo line inputs; 2-band EQ 2 AUX sends; phantom power; PFL (cue) buttons; stereo AUX return; 2-track return inputs; 3-color, 10-segment LED meters; insert on main mix buss; separate main and monitor controls; balanced TRS main and monitor outputs. Dimensions: 12"W x 10.5"D x 2"H. Options: carrying bag KEB22

RW5157

Mfr. List \$399.95

Call For BSW Price



#### M1600 SERIES - Audio Consoles

The console designed for today's digital multitracks - outstanding sound, great features and very affordable. Features: 16 channels with 16 balanced line inputs and 8 high performance mic preamps (expandable to 16); 3 band EQ with mid sweep; 1 stereo and 4 mono AUX sends; stereo in-place solo; three-way selectable AUX control; mute and insert points on every channel; balanced TRS main and monitor outputs. Dimensions: (M1600/16) 28.1" W; (m1600-24) 37.1"W x 23" D x 7.5"H (shown with optional meter bridge).

M1600/16

Mfr. List \$1,699.00

Call For BSW Price

M1600/24

Mfr. List \$2,199.00

Call For BSW Price

# Yamaha has a lot to bring to the table of contents.

## ► Mixers & Mixing Consoles

- Sound Reinforcement Touring Consoles
- Powered Mixers
- Digital and Programmable Mixers
- Digital Recording Mixers

## ► Audio Amplifiers

## ► Loudspeaker Systems

- Sound Reinforcement Speakers
- Powered Speakers
- Near Field Monitors

## ► Audio Signal Processors

- Digital Reverbs
- Digital Delays
- Digital Multi-Effects Processors

## ► Recorders, Duplicators and Players

- MD Multi-track Recorders
- Cassette Multi-track Recorders

## ► PA Systems

## ► Portable Sound Systems



# YAMAHA®

©1996 Yamaha Corporation of America  
Pro Audio Products  
P.O. Box 6600, Buena Park, CA 90622.

## TASCAM



### M-08 - Audio Console

This rugged, compact mixer is ready to go where you go, providing versatility, durability and great sounding audio mixing for applications from remotes to studio work. Features: 12 inputs (4 mono — 4 stereo); 2 band EQ on all channels; 2 AUX sends per channel; mute and PFL (cue) on each input channel; 60mm linear master fader; 12-segment LED meters. Dimensions: 13"W x 12.5"D x 3.5"H. Options: carrying bag KEB22.

<b>M08</b>	12-channel mixer	Mfr. List \$349.00	Call For BSW Price
<b>RM-08</b>	rack ears	Mfr. List \$15.00	Call For BSW Price

## YAMAHA



### O2R - Digital Audio Mixers

Yamaha's 40-input/8-bus fully automated digital mixing console. Features: 16 balanced mic/line inputs (8-XLR - 8 TRS); 4 stereo line inputs (TRS); 4 slots for optional I/O cards; internal automation system with 100mm motorized faders; "snapshot" scene memory; dedicated controls for setting routing, AUX sends, pan and EQ; virtual control modules shown on the large graphical display; 4-band parametric EQ; 8 bus outputs; 8 AUX sends; 16 direct outputs; built-in dynamics and effects processing; balanced XLR stereo outputs; AES/EBU and S/PDIF digital outputs. Dimensions: 26"W x 27"D x 9"H. Options: digital interface cards for DA-88, ADAT, AES/EBU and Yamaha formats.

<b>O2R</b>	Mfr. List \$8,699.00	Call For BSW Price
------------	----------------------	--------------------



### O3D - Digital Audio Mixers

Based on the successful O2R, the O3D offers a balance of features and affordability. Features: 16 balanced inputs (8-XLR/TRS and 8-TRS only); a single stereo line input (TRS); a slot for optional I/O cards; internal automation system with 60mm motorized faders; "snapshot" scene memory; virtual controls on the large graphical display; 4-band parametric EQ; 4 buss outputs; 4 AUX sends; inserts on channels 1&2; built-in dynamics and effects processing; balanced XLR stereo outputs; AES/EBU and S/PDIF digital outputs. Dimensions: 18.1"W x 20.3"D x 8"H. Options: digital interface cards for DA-88, ADAT, AES/EBU and Yamaha formats.

<b>O3D</b>	Mfr. List \$3,995.00	Call For BSW Price
------------	----------------------	--------------------

## YAMAHA



### PROMIX01 - Digital Audio Mixer

An affordable entry level digital mixer for production or live sound. Features: 16 balanced inputs (8-XLR and 8-1/4" phone jack); instant recall with 50 scene memories; dynamic automation via outboard MIDI sequencer; two internal digital effect processors; three assignable stereo compressors; 3-band parametric EQ; fader grouping; >100 dB of dynamic range; digital outputs; large, backlit LCD display; balanced XLR and unbalanced 1/4" analog outs. Dimensions: 17"W x 19" D x 5"H

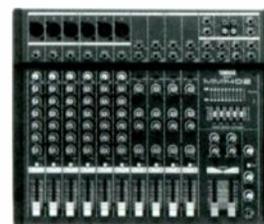
<b>PROMIX01</b>	Mfr. List \$2,199.00	Call For BSW Price
-----------------	----------------------	--------------------



### MX400 SERIES - Audio Mixers

A multi-purpose 4 bus mixer in 12, 16 and 24 channel configurations. Features: two balanced inputs per channel (one XLR mic with phantom/one TRS line); 3-band EQ with mid sweep and 80 Hz low pass filter; 5 AUX sends; channel on/off buttons; PFL (cue) buttons; 4 stereo inputs with 2-band EQ; Dimensions: (MX400-12) 27"W; (MX400-16) 30.25"W; (MX400-24) 39.6"W x 23.5"D x 7.125"H.

<b>MX40012</b>	Mfr. List \$1,599.00	Call For BSW Price
<b>MX40016</b>	Mfr. List \$2,099.00	Call For BSW Price
<b>MX40024</b>	Mfr. List \$2,699.00	Call For BSW Price



### MM1402 - Audio Mixer

The MM1402 features a whopping 22 inputs and 8 outputs in one chassis. Features: 6 mono mic/line inputs with 3-band EQ and input gain control; 4 stereo line inputs with 2-band EQ and a 3 position gain switch; 2 AUX on mono inputs (one on stereo); 2 stereo AUX returns; pre-fader listen (cue); separate stereo main and stereo monitor outputs; separate tape inputs and outputs; a 5-band stereo graphic EQ for main output; 10-segment LED metering; main stereo output is balanced TRS. Dimensions: 17"W x 14"D x 4"H.

<b>MM1402</b>	Mfr. List \$449.00	Call For BSW Price
---------------	--------------------	--------------------

### ELECTROVOICE



#### ENTERTAINER SYSTEM II - PA System

The Entertainer™ II powered mixing system is a high performance, easy to transport "plug and play" system for PA applications including remote broadcasts, churches, schools, clubs and more. **100M Mixer Features:** 100 watt per channel built-in power amplifier; 8 mic/line input channels with 3-band EQ; 2 line level inputs channels; stereo or main/monitor output operation modes; 8-band stereo output graphic EQs; built-in reverb; phantom power; XLR mic/line inputs; weight: 36 lbs. **SX100 Speaker Features:** polypropylene enclosure is rugged and roadworthy, yet very light; constant directivity horn with titanium compression driver; 12" LF driver; built-in handle and stand adapter; integral hanging points for permanent installations; I/O via parallel 1/4" jacks; weight 32 lbs. each

ENTERTAINER II Mfr. List \$2,869.00 Call For BSW Price

### JBL



#### EON POWER15 SYSTEM - PA System

Everything you need for an easy to set up sound system including mixer, speakers, amplification, microphones and cables. **EON Mixer Features:** 6 XLR mic and 2 stereo line level inputs; 3-band EQ on mono channels; 2-band EQ on stereo channels; monitor and effects sends and returns; 2 AUX line inputs (RCA and TRS); signal present and peak overload LEDs; RCA tape outputs; balanced XLR stereo and simultaneous mono outputs. Weight: 14 lbs.

**EON Power 15 Speaker Features:** controlled directivity HF horn with 1 3/4" compression driver; 15 LF transducer; rugged molded plastic enclosure; bi-amplification with built-in crossover (130 watts for LF section and 50 watts for the HF section); power LED; carrying handles at proper balance points; balanced XLR mic/line level input and parallel output. Weight: 49 lbs.

**System Accessories:** 2 E50S JBL microphones and all necessary connecting cables.

EON Power15 System Mfr. List \$2,177.00 Call For BSW Price

FOR SPEAKER STANDS & TRIPODS SEE PAGE 117

FOR ASSOCIATED CABLING SEE PAGES 144-145

### SPIRIT/JBL



#### POWERSTATION/MR SERIES - PA System

This high quality sound system comes complete with Lexicon digital effects. **Powerstation Mixer Features:** 8 mono mic/line inputs with studio-grade mic preamps; 2 stereo inputs; 3-band EQ on all channels; high pass filters on mono channels; inserts on mono channels and main buss; built-in Lexicon effects including several types of reverbs and delays; 2 AUX sends with a switch for routing to the Lexicon effects; dedicated effects level fader; PFL (cue) on all inputs; dual 7-band graphic EQs; power amp rated at 175 watts/channel into 8 ohms; flexible patch section lets you patch to the main mix, graphic EQs and power amp channels independently; TRS balanced outputs and patchpoints; banana plug speaker outputs. Weight: 42 lbs.

**MR925 Features:** 15" low frequency driver with a pure titanium compression driver mounted to a 100° x 80° Bi-Radial® horn; rugged OBS hardwood enclosure; built-in tripod stand socket; overload protection circuitry; built-in carrying handles. Weight: 57 lbs.

RW5191 powered mixer Mfr. List \$1,599.95 Call For BSW Price  
MR925 loudspeaker Mfr. List \$744.00 ea Call For BSW Price

### YAMAHA



#### EMX/CLUB SERIES - PA System

Compact and affordable, this system is great for simple remotes and music or speaking applications in small rooms. **EMX Mixer Features:** 6 input channels with mic and line level jacks (channels 5 and 6 have dual line input jacks for stereo sources); 3-band EQ and switchable phantom power on all input channels; monitor and effects sends on each channel; built-in, high-quality digital reverb; AUX return; dedicated tape machine inputs and outputs; two 7-band graphic EQs—one on the main output, one on the monitor output; dual 200 watt power amplifiers with flexible I/O patching; switchable power limiter; 5-segment LED level meters; XLR and 1/4" channel inputs. Weight: 33 lbs.

**S110PHIII Speaker Features:** HF horn with piezo electric driver and 10" LF transducer; metal corner protectors; built-in tripod stand sockets; carrying handle; Weight: 26 lbs.

EMX 640 powered mixer Mfr. List \$649.95 Call For BSW Price  
S110PHIII loudspeaker Mfr. List \$199.00 ea Call For BSW Price

### AEQ



#### MP-10 - Remote Console

More than just a mixer, the MP-10 is really a complete portable studio for remotes. Features: 5 inputs, each with switchable mic/line level and phantom power; balanced outputs for program, Aux and talkback; 3 headphone outputs; separate headset channel allows a commentator to talk on-air as well as communicate directly with the studio; front panel telephone key pad with pulse/tone dialing; an EQ boost to compensate for poor quality phone audio; front panel metering for program, talkback and battery level; operates from external AC power or internal rechargeable Ni-Cad batteries with average life of 4 hours; built-in tone oscillator and digital identifier; balanced XLR inputs and outputs.

**MP10** Mfr. List \$1,495.00 Call For BSW Price



#### PME-02T - Portable Mixer

A rugged portable mixer for remotes etc. Features: three mic/line inputs plus one stereo line input; two-color input level indicators; 10-segment LED output meter; balanced program and AUX/headphone outputs; cascade multiple units or use with the TLE-02 portable extender/hybrid (see telephone section); powered via AC transformer or 8 AA size batteries. XLR/1/4" mono and minijack stereo inputs; XLR program and minijack AUX/headphone outputs.

**PME02T** Mfr. List \$510.00 Call For BSW Price

### ATI



MX5100 w/optional bag



MX100 XLR w/expanders

#### NANOAMP MX SERIES - Compact Mixers

Ultra compact mixers can be stacked or rack mounted three across. MX5100 Features: designed for portable or field use; three low noise, balanced mic/line inputs with pan; balanced stereo outputs; AC or battery operation; phantom power; low cut filters; test tone oscillator; XLR I/O connections. Options: input expander; carrying bag; gel-cel battery pack; power supply; rack adaptors.

MX100XLR Features: three low noise, balanced mic/line inputs; phantom power; a single balanced or unbalanced output; headphone output; XLR I/O connectors. Options: input expander; power supply; rack adaptors.

MX200 Features: three balanced mic/line inputs; phantom power; balanced line level stereo out; headphone output; XLR I/O connectors. Options: input expander; power supply; rack adaptors.

<b>MX5100</b>	stereo portable mixer	<b>Mfr. List \$899.00</b>
<b>MX100XLR</b>	mono mic/line mixer	<b>Mfr. List \$359.00</b>
<b>MX200</b>	stereo mic/line mixer	<b>Mfr. List \$649.00</b>

Call For BSW Prices

### BROADCAST TOOLS



#### SM6 - Source Mixer

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

**SM6** Mfr. List \$349.00 Call For BSW Price

### COMREX



#### CODEC BUDDY - Remote Console

This complete remote studio in a box provides audio mixes for program feeds, communications, headphones and public address systems. Features: 4 channel main mixer (4 mic with 3 & 4 switchable to line); channel 1 can feed the phone line instead of program; 2 AUX inputs, one for codec return feed, the other for a spotter mic; an elaborate headphone mix section with 4 outputs and a flexible program/cue matrix; telephone interface with single line frequency extender; a separate PA feed output in addition to the program out; telephone dial keypad with seize switch and ring indicator lamp; all audio inputs and outputs balanced XLR.

<b>BUDDY</b>	Mfr. List \$1,900.00	Call For BSW Price
<b>Buddy Case</b>	Mfr. List \$175.00	Call For BSW Price

### ELECTRO-VOICE



#### ELX1A - Remote Mixer

The ELX1A offers low noise performance in a single rack space. Features: four balanced inputs, selectable mic or line level; a single balanced output with switchable limiter; low cut filters; phantom power; built-in tone oscillator; front panel headphone output will drive headphones or small speaker.

**ELX1A** Mfr. List \$625.00 Call For BSW Price

### HENRY ENGINEERING



#### STEREO MIXER - Utility Mixer

Features: 8 line level inputs (4 stereo or 8 mono); bridging inputs accept a balanced or unbalanced source; stereo and mono balanced outputs; individual input level adjustment; L/R bus input for linking multiple units; 115/230 VAC, 50/60 Hz; all connections via barrier strip terminals.

STEREO MIXER Mfr. List \$250.00 Call For BSW Price



#### MICROMIXER - Utility Mixer

This four-input, two-out stereo utility mixer is the same size as the popular Matchbox. Features: balanced and bridging inputs; individual input level controls; each input is separately assignable to the left, right, or both outputs; balanced stereo outputs will drive a 600 ohm load to +25 dBm; all connections via barrier strip terminals.

MICROMIXER Mfr. List \$195.00 Call For BSW Price

### INTELIX



#### 8002MCB - Mic/Line Mixer

This high-quality mixer was designed for professional use for broadcast, sound reinforcement and recording applications. Features: 8 balanced mic/line inputs with rear panel 40dB variable gain/trim control for level matching; additional AUX line level input can be used to link multiple units; switchable phantom power; low cut input filter; compressor limiter with threshold and ratio controls; dual output bus configuration allows for configurations such as mix minus and cueing; multi-color LED bar graph indicates peak or average output levels for either the main or AUX bus; balanced XLR inputs and outputs.

8002MCB Mfr. List \$599.00 Call For BSW Price

### RANE



#### SM26B - Splitter/Mixer

Here is an extremely versatile, single rack space mixing tool that can act as a 8-in/2-out line mixer, a 2-in/6-out line splitter or a 6-in/6-out booster amp. Features: 6 balanced inputs can be panned between two main outputs; 6 mono outputs can be fed with any mix of the separate L and R inputs; front panel mix/pan and level controls for each channel; balanced TRS inputs and outputs.

SM26B Mfr. List \$399.00 Call For BSW Price

### RDL



#### RUMX5 - Mic/Line Mixer

This compact, 5-channel mixer is only 1/3 rack space wide. Features: 5 balanced/unbalanced main inputs (4-mic/line, 1-line only); a mix input for combining multiple mixers; balanced mic or line output; LED level indicators (-20, 0, +5); phantom power (jumper selectable); connections are via barrier strip; flexible mounting options available. For RDL stick on mixers see page 74.

RUMX5 Mfr. List \$242.00 Call For BSW Price

### SHURE



#### FP410 - Automatic Microphone Mixer

Now you can operate a multiple mic mix with ease with the FP410. Patented IntelliMix technology allows for smooth mixes by activating mics for speech, but not constant room noise, and automatically turning down unused mics. Features: limits the number of activated mics to one per talker; keeps most recently activated mic open until a newly activated mic takes its place; phantom powering; linking capability (up to 25 Mixers); manual or automatic modes; AC or battery operation; 4 balanced XLR mic/line inputs; 2 balanced mic/line outputs; rack mount ears and link cable included.

FP410 Mfr. List \$1,650.00 Call For BSW Price



#### FP42 - Portable Stereo Mixer

Basically a stereo version of the famous M267. Features: 4 balanced mic/line inputs, balanced L/R outputs; pull-pot cueing on all input channels; low-cut filters; mono/stereo switch; mix bus for linking units; headphone amp; tone oscillator; switchable limiter; phantom power; dual VU meters; AC or battery power; XLR I/O connections (mix input RCA). Options: A 16R rack panel.

FP42 Mfr. List \$1,240.00 Call For BSW Price

### SHURE



#### M367 - Microphone Mixers

The M367 is a very rugged and quiet compact mixer in the tradition of the M267. Features: 6 balanced mic/line inputs; phantom power; input peak LEDs; balanced, 2-position mix bus; switchable output peak/limiter with adjustable threshold and limiter LED; illuminated battery/AC/VU meter and program monitor input selector; all-metal chassis (same size as the M267); detachable power cord; easy-access side battery compartment; headphone monitor circuit. Options: A367R rack panel.

M367 Mfr. List \$795.00 Call For BSW Price

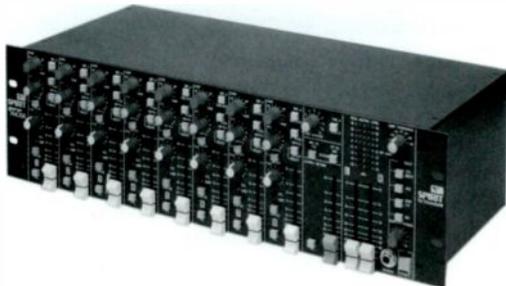


#### M267 - Microphone Mixers

The most popular field production mixer ever. Features: 4 balanced mic/line inputs; phantom power; low-cut switches; LED peak indicator; switchable peak/limiter; AC or battery operation with battery check button; headphone jack with level control; XLR inputs; XLR and binding post outputs. Options: A268R rack panel.

M267 Mfr. List \$625.00 Call For BSW Price

### SPIRIT



#### RW5197 PRO TRACKER - Audio Mixer

The Pro Tracker was designed to provide a compact (3 RU high) mixing system for use with modular digital multitrack recorders, providing the most clean, most direct signal to the recorder as possible. These qualities also make it an ideal mixer for remote sports trucks, digital audio workstations or digital multitracks.

Features: high-gain mic preamps (-129dBu EIN) available on each of the 8 input channels; 8 independent line level inputs; 60mm faders; a 100 Hz high pass filter; a fast action limiter with adjustable threshold; pre fader listen (cue) on each channel; switchable pre/post fader AUX send on each channel; channel insert returns can be switched between monitor and channel paths; Mix to 7/8 switch allows 6 unmixing channels to be bounced down to channels 7 and 8 on the same 8-track machine; a comprehensive headphone system allows monitoring of the dedicated 2-track inputs, the AUX buss, mix 7&8 or the main stereo mix; 100-240 volt universal power supply; cascade expansion jacks; balanced/unbalanced inputs (mic XLR, line TRS); balanced XLR and unbalanced RCA main outs.

RW5197 Mfr. List \$1,199.00 Call For BSW Price

### TELFAX



#### GX440 - Remote Mixers

The GX440 provides all the features you need for great sounding remotes: Features: 4 mic inputs; a headphone cueing channel; 2nd phone line capability for studio cues; radio monitor switch and jack for local off-air monitoring; 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; VU bargraph with peak indicator.

GX440	remote mixer	Mfr. List \$1,295.00
191007	aluminum carrying case	Mfr. List \$100.00
190401	batteries (set of 6)	Mfr. List \$20.00
190206	hard plastic case	Mfr. List \$30.00

### ZERCOM



#### MAX-Z - Remote Mixer

MAX-Z is a remote broadcast console that provides maximum flexibility, utility, and excellent audio quality. Features: 4 mic/line inputs; front panel level and rear panel gain controls; cue buttons on channels 1 and 4; monitor input (mini jack) feeds into the cue channel; phone line out; direct audio out; 4 headphone jacks (1/4"); AC powered or use built-in rechargeable batteries and charger; clock; stopwatch/timer; V.U. meter; telephone keypad with pulse or tone dialing and 15 number memory; carrying case; balanced XLR mic/line inputs; phone out and direct out are modular phone jack (RJ11).

MAX-Z Mfr. List \$1,225.00 Call For BSW Price



#### MAX-Z II - Remote Mixer

The MAX-ZII is an abbreviated version of the MAX-Z for remotes that don't require more than two channels. Features: two mic/line input channels; tape inputs (mini jack); cue button on channel 2; AC powered or use built-in rechargeable batteries and charger; two headphone outputs (1/4"); telephone output (RJ11); balanced channel inputs.

MAX-Z II Mfr. List \$750.00 Call For BSW Price

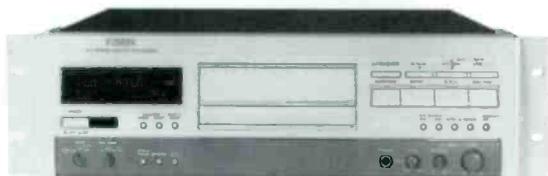
### FOSTEX



#### D15 - DAT Recorder

The lowest priced timecode capable DAT for professional audio and video studios. **Features:** instant start without pre-loading; RAM buffer and newly designed 4-motor transport provides very quick, and responsive operation; rotary wheel provides jog/shuttle location and audible scrubbing; built-in chase mode functions; front panel safety lockout; parallel interface for remote control wiring; digital bargraphs with peak hold; variable speed operation; balanced XLR and unbalanced 1/4" I/O. **Options:** 8335 external sync card for video reference; 8336 serial card for RS422 control.

D15 Mfr. List \$3,295.00 Call For BSW Price



#### D5 - DAT Recorder

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

D5 Mfr. List \$1,495.00 Call For BSW Price

### OTARI



#### DTR-8 - DAT Recorder

Otari's second generation professional DAT machine designed for continuous use. **Features:** 3 sample rates (48 kHz, 44.1 kHz and 32 kHz); high speed search at a maximum of 300 times play speed by using TOC information on tape; up to 60 characters for titling each start ID; can copy CD Q code for start IDs; no SCMS copy prohibit function; parallel remote control capability; large transport controls; balanced XLR analog I/O; AES/EBU and S/PDIF digital I/O.

DTR-8 Mfr. List \$2,000.00 Call For BSW Price

### PANASONIC



#### SV4100 - DAT Recorder

The new DAT quality standard for broadcasting, post-production, studio mastering/editing and live performance. **Features:** 5 second RAM buffer that allows instant start as opposed to the standard .07 second start time; accurate PNO/cue assignment with 5 programmable cue locations; cue rehearsal and frame accurate trim; 5-mode external sync capability; frame accurate assemble editing with two machines; programmable output level; wireless remote control; a TRS remote connector for play/pause control; 8-pin parallel remote control port; balanced XLR analog I/O; AES/EBU, optical and coaxial digital I/O.

SV4100 Mfr. List \$2,950.00 Call For BSW Price



#### SV3800 - DAT Recorder

Successor to the popular SV3700 with improved features and performance. **Features:** 64 times oversampling A/D and 20-bit resolution D/A converters; two-speed shuttle search wheel; search by start ID or program number (PNO); skip ID function; single program play function; separate L/R recording controls; all I/O and SCMS settings adjustable via front panel controls; wireless remote control; 8-pin parallel remote control port; balanced XLR analog I/O; AES/EBU, optical and coaxial digital I/O.

SV3800 Mfr. List \$1,695.00 Call For BSW Price



#### SV3900 - DAT Recorder

The SV3900 is designed for versatility and is compatible with virtually all editing controllers and automation systems. **Features:** full remote control via parallel serial port that can be switched to follow ES-Bus or P-2 protocols; selectable sampling rates (44.1 and 48 kHz); RS422 control ports; balanced XLR analog I/O; AES/EBU and coaxial digital I/O. **Options:** SH-MK390 full function wired remote control that includes all transport controls, a keypad and a shuttle search wheel.

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

### SONY



#### PCM-R500 - DAT Recorder

Sony's most versatile and reliable DAT for all professional applications. **Features:** high-reliability transport with 4 direct drive motors; jog/shuttle dial for easy operation; high S/N ratio with SBM recording function; 8-pin parallel remote control port; wireless remote control; independent L/R recording level controls; balanced XLR and unbalanced RCA analog I/O; AES/EBU and coaxial digital I/O.

PCM-R500      Mfr. List \$1,875.00      Call For BSW Price



#### PCM-2800 - DAT Recorder

A high quality, bulletproof deck with professional audio interface. **Features:** high-reliability transport with 4 direct drive motors; parallel remote control port; wireless remote control; high S/N ratio with SBM recording function; balanced XLR and unbalanced RCA analog I/O; AES/EBU and coaxial digital I/O.

PCM-2800      Mfr. List \$2,695.00      Call For BSW Price



DTC-A6



DTC-A8

#### DTC-A6/DTC-A8 - DAT Recorder

These low cost rack mount DAT machines offer Sony reliability and high quality performance. **DTC-A6 Features:** center mounted transport; supports 32 kHz, 44.1 kHz and 48 kHz sampling rates; high S/N ratio with Super Bit Mapping recording function; A/D and D/A monitoring modes; unbalanced RCA analog I/O; coaxial and optical digital I/O.

**DTC-A8 Features:** reliable 4-motor transport; supports 32 kHz, 44.1 kHz and 48 kHz sampling rates; high S/N ratio with Super Bit Mapping recording function; A/D and D/A monitoring modes; unbalanced 1/4" and RCA analog I/O; coaxial and optical digital I/O; an optional remote footswitch is available for hands-free control of Start, Stop, Fast Forward, Rewind and Record.

DTC-A6      Mfr. List \$1,125.00      Call For BSW Price  
DTC-A8      Mfr. List \$1,475.00      Call For BSW Price

### SONY



#### TCD-D10PROII - Portable DAT Recorder

**Features:** supports 32, 44.1 and 48 kHz sampling rates; high speed search using IDs; switchable limiter; switchable mic low-cut filter; built-in speaker; easy-to-read multi-function display; AC or battery operation with 2 supplied rechargeable battery packs; balanced XLR mic/line inputs; unbalanced RCA analog outputs; AES/EBU digital I/O via 12-pin connector.

TCD-D10PROII      Mfr. List \$4,000.00      Call For BSW Price



#### TCDD8 - Digital Audio Recorder

The TCDD8 combines the compactness and durability of a Walkman and the sound quality of DAT, making it ideal for field recording. **Features:** anti-shock mechanism for stable recording and playback; up to 4 hours of recording time on 4 "AA" batteries; supplied AC adaptor; 3 sampling rates supported; LP mode; automatic/manual recording level; automatic/manual date function and ID subcode; high speed music search; 2 speed cue/review; unbalanced stereo mini jack mic and line inputs and line output; digital I/O via 7-pin jack.

TCDD8      Mfr. List \$800.00      Call For BSW Price

### TASCAM



#### DAP-1 - Digital Audio Recorder

Take the quality and features of a professional studio DAT into the field with the DAP-1. **Features:** high-impact metal reinforced casing; supports 32, 44.1 and 48 kHz sampling rates; quick-charge battery system with 2 hour record/play time; switchable phantom power; switchable mic limiter and 20 dB pad; balanced XLR mic/line and unbalanced RCA line inputs; unbalanced RCA outputs; S/PDIF digital I/O with SCMS free recording. **Options:** CB-D1 external charger; CS-D1 carrying case.

DAP1      Mfr. List \$1,899.00      Call For BSW Price

SONY

# All Pro.

Sony's exclusive Super Bit Mapping® recording function delivers sonic quality close to that of a 20-bit recording on an industry standard 16-bit tape, resulting in superior sound resolution with added clarity and a richer, more vivid audio performance.

Set-Up Menu provides multiple menu modes for convenient set-up of recording preferences.

Four direct-drive motors on the head drum, capstan, supply reel and take-up reel work together, resulting in better tracking, lower error rate, longer motor and tape life, and faster, smoother high speed cueing and shuttling.



An extensive selection of Audio Interface Options meet a wide, flexible range of application needs.

Independent Channel 1/Channel 2 recording level volume controls.

The handy Jog/Shuttle Dial fast forwards and rewinds for easy system operation and conveniently locates the AMS/ Program Number.

# No Cons.

The Sony PCM-R500 DAT Recorder has all the pros a pro could want. Powered with four direct-drive motors, the PCM-R500 is built for durability and reliability. And with Sony's unique, Super Bit Mapping technology, it delivers the audio quality of a 20-bit signal, but is compatible with the 16-bit DAT industry standard. It's the pro DAT recorder no professional should be without.

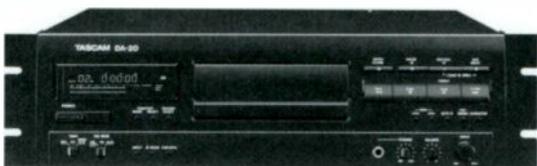
### TASCAM



#### DA30MKII - DAT Recorder

A very robust and flexible DAT recorder with professional audio interface. Features: data/shuttle that allows for high-speed cueing, quick program entry and fast locating; switchable automatic input calibration; supports 32, 44.1 and 48 kHz sampling rates; defeatable copy code (SCMS); long record mode; 15-pin parallel remote port; balanced XLR and unbalanced RCA analog inputs and outputs; AES/EBU and S/PDIF digital I/O. Options: RC-D30 wired remote control.

DA30MKII Mfr. List \$1,599.00 Call For BSW Price



#### DA20 - DAT Recorder

An affordable rack mount machine with Tascam reliability and great sounding audio. Features: supports 32, 44.1 and 48 kHz sampling rates; long play mode for up to 4 hours of recording and playback; defeatable SCMS code; full-function wireless remote control; unbalanced RCA analog I/O; S/PDIF coaxial digital I/O.

DA20 Mfr. List \$1,099.00 Call For BSW Price

### EVENTIDE



#### VR204 - Digital Audio Logger

This 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. Features: records more than 500 hours (20+ days), divided among up to 4 channels, on a single DAT tape; built-in hard disk memory module allows continuous recording even if the tape is playing back an earlier segment, or even if the tape runs out. When the tape resumes recording, the content of the hard disk is transferred to tape, maintaining the complete recorded log; built-in passcode security matrix; 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

### 360 SYSTEMS



#### DIGICART/II - Digital Audio Hard Disk Recorder

DigiCart/II is one of the most successful hard disc recording systems with amazing performance features and a wide range of control options. Features: flawless 16-bit recordings, either in linear mode or with Dolby AC-2 data reduction for extended recording times; store up to 16 hours of stereo audio on hard disk and up to 68 minutes on removable media; audio cuts range from 2 seconds to 2 hours or more with sampling rates of 48, 44.1, or 32K; playback options range from locate and play of a single cut to programmed playlists; instant access to 10,000 cuts (stored in 10 directories) with just a few key-strokes; 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; cuts can be cued up while a cut is being played back; manual or automatic record modes available; digital editing of heads, tails, fades, and gain is nondestructive and sub-frame accurate; a host of menu items provide for user-programmable operational, library and parameter settings, allowing custom configurations as needed; balanced XLR analog I/O; AES/EBU and IEC-958 II digital I/O.

Options: D-NET file transfer network firmware that allows high speed digital transfers between DigiCart/II units, or between DigiCart/II and Instant Replay units; PC software options for multiple DigiCart/II control, creating hot-key banks and printing library lists.

Expanded Storage Options: Hard Disk System Enclosure houses up to five 1 or 2 GByte drives for additional storage of up to 80 hours; HD-1000 1 GByte or HD-2000 2 GByte hard disk drives with installation kit.

2510	DigiCart/II 8 hr. 1 GB HD & Bernoulli	Mfr. List \$4,995.00
2520	DigiCart/II 16 hr. 2 GB HD & Bernoulli	Mfr. List \$5,495.00
D-NET	file transfer firmware	Mfr. List \$300.00
HDS01	hard disk system enclosure	Mfr. List \$995.00
HD-1000	1 GByte hard disk kit	Mfr. List \$595.00
HD-2000	2 GByte hard disk kit	Mfr. List \$1,095.00

Call For BSW Prices



RC220



RC210



RC205

#### RC SERIES - Remote Controllers

RC220 remote control duplicates the DigiCart/II front panel and is primarily designed for production use; RC210 is a simplified remote designed for live playback. Features: rapid playlist selection, 16 programmable presets and index number cut access; RC205 is a compact keyboard, perfect for titling directories and audio files. It maps up to 100 preset keys. DigiCart/II front panel 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

# DIE HARD DATS

## DAT Recorder

# DA-20

Great value in a digital mastering deck. Perfect for personal, project or broadcast studios. High-performance durable DAT recorder in a 3 unit rack package.



## Timecode DAT Recorder

# DA-60MKII

You won't find a better 4-Head synchronizable DAT value than the DA-60MKII. With complete Sony P2 support, The DA-60 behaves like a VTR and can be integrated with edit controllers and hard disk systems. More importantly, its onboard synchronizer and improved servo system means virtually instant lock-up times.

## DAT Master

# DA-30MKII

Arguably the best sounding DAT anywhere, the DA-30MKII is the standard mastering DAT deck for broadcast and production studios. Featuring legendary Tascam quality and durability, its data/shuttle wheel allows for high-speed cueing, quick program entry and fast locating.



## Portable DAT Recorder

# DA-P1

In the field or in the studio, the DA-P1 features Tascam's legendary durability and performance in a compact, high-impact metal reinforced casing. High-end features will appeal to post-production, broadcast and remote recording professionals.

WHEN IT COMES TO DAT CHOOSE TASCAM - THE DIE HARD PERFORMER  
CONTACT BSW FOR INFORMATION AND COMPETITIVE PRICING ON THE COMPLETE TASCAM LINE

# TASCAM®

## 360 SYSTEMS



### INSTANT-REPLAY - Hard Disk Player

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

The Instant-Replay (DR550) is a fully professional quality digital audio hard disk recorder/player. It maps individual recordings to 50 "Hot-Key" buttons, providing instant access to a very large library of recordings. Unlike electronic music samplers that only allow short "snapshots", Instant Replay stores hundreds of cuts ranging from a few seconds to almost unlimited duration. Like other 360 Systems products, Instant Replay offers powerful playback options that place it miles ahead of analog cart and tape machines.

**Features:** stores up to 1,000 audio cuts of various lengths on its internal hard disk; records with a "start on audio" feature for tight starts; recorded cuts becomes part of a well-managed library so they are easy to find again; 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; library is divided up into ten "banks" into which you can sort spots, sound effects, music, etc. Each bank can represent a grouping of cuts for a particular air shift, production project, etc. 50 cuts from each bank can have their own Hot-Key assignments for a total of 500 cuts mapped to Hot-Keys at any given time; printer port allows hard-copy listings to be output on standard "parallel input" printers. Printed data includes the titles, ID numbers and playing time for each cut. Print options include listing the cuts within each bank, the entire disk, or the contents of each playlist; built-in D-NET File Transfer Network capability lets you transfer audio files, including the cut names and running times, between DigiCart/II's, Shortcuts and other Instant Replays.

**Play Back Features:** simply press a Hot-Key to play a cut; audio starts instantly; when the cut is finished the audio is instantly re-cued; jump from one cut to another with completely seamless transitions; Instant Replay will play the effect instantly every time the button is pushed, making it ideal for a number of live situations and for playing short effects like gunshots or door slams in production; audio cuts can also be selected as part of a playlist for sequential playback; different playlist can be stored for each of the ten banks, and can be recalled for playback or editing at any time; looping function causes a cut to continuously and seamlessly play back; pause function interrupts playback and can be resumed noiselessly and instantaneously; a preview button that lets you listen to a cut through the headphone jack without sending audio to the main outputs; balanced XLR analog I/O; AES/EBU digital I/O. **Options:** padded gig bag with side pocket.

DR550-8 8 Hours Stereo Mfr. List \$2,995.00  
 DR550-16 16 Hours Stereo Mfr. List \$3,495.00

Call For BSW Prices

## 360 SYSTEMS



### SHORT/CUT - Personal Audio Editor

- Replaces Reel To Reel
- One Button Instant Recording
- Extremely Fast Editing
- Dedicated Function Keys
- Great For Actualities, Phone-ins, Voice Overs
- Analog And Digital I/O
- D-NET Transfer Network Compatible

Shortcut is a stereo editor designed to replace two-track reel-to-reel tape machines for fast editing and production of single or dual channel audio information. It offers all the features you'll need to capture and edit audio for talk radio, call-in clips, news actualities, promos and spots. Most importantly, you'll get results in record time.

**Features:** all common functions are associated with a dedicated button so you don't spend your time wading through multiple menus; buttons are grouped together in logical layouts for fast one-hand operation; instant record feature allows you to immediately capture incoming audio when you hit the record button, no matter what mode you've been working in; recording goes directly to the internal hard disk so all audio is "on-line" for immediate access; select cuts for playback by simply typing the cut name on the keyboard, or for even quicker access, assign a cut to one of the 10 Hot-Keys; a large scrub wheel emulates reel-rocking on tape recorder, right down to the sound; the typewriter-style keyboard is convenient for adding titles and finding cuts; 10 Hot-Keys can store frequently used cuts or act as extra "clipboards" for saving bits during editing; 10 function keys provide easy access to file management and preference menus; zoom in and zoom out buttons are conveniently located directly under the display; the mark button identifies segments for later editing, or highlights "keeper" cuts (up to 500 markers per cut); edit in and edit out buttons act like a digital grease pencil for marking edit points; a unique "bleep" button overwrites obscenities with a tone or with a custom sound you've created; edit and solo buttons isolate a single channel for editing; the high resolution, backlit display shows big waveforms with details as small as a few milliseconds—or an entire sentence at a glance; weighing only 12 pounds, the Shortcut makes a very portable workstation, and with built-in speakers, headphone amp and a mic level input, you can produce final edited recordings out in the field; built-in D-NET File Transfer Network capability lets you transfer audio files, including the cut names and running times between DigiCart/II's, Instant Replays and other Shortcuts; balanced XLR analog I/O (left channel input is switchable mic/line level); AES/EBU digital I/O. **Options:** padded gig bag with side pocket.

SC180-1 1.5 Hours Stereo Mfr. List \$2,995.00 Call For BSW Prices  
 SC180-2 3 Hours Stereo Mfr. List \$3,495.00 Call For BSW Prices

It's 9:30 am. You've got to edit  
nine phone-ins, cut a dozen  
spots, record four station I.D.s  
and two promos before lunch.



Shortcut is 360 Systems' new editor

**SO LET US SHOW YOU A SHORTCUT**

fast, and get it right the first time.

for people in a hurry. It's powerful enough for production yet easy enough to use on-air. Shortcut delivers massive storage, scrub editing, a bright waveform display, and even built-in speakers. All this in a compact self-contained package with the muscle to handle your toughest assignments. We know you need to move

That's why Shortcut gives you real buttons for direct access to editing commands. No need for computers, monitors, or mice. Shortcut is complete and ready to go. So if you have too much work and too little time, just take a Shortcut.



**Shortcut**  
PERSONAL AUDIO EDITOR

*360 Systems*  
PROFESSIONAL DIGITAL AUDIO

**BSW HAS YOUR SHORTCUT**  
**(800) 426-8434**

## DENON



### DN900 SERIES - MiniDisc Recorder/players

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

**DN981F Features:** playback only model; Hot Start function allows you to assign 10 tracks of your choice to 10 independent Hot Start buttons included in the MD remote software or an optional hardware remote control; auto cue to music; single/continuous play; fader start; adjustable out cue; flexible cue outputs; RS232C remote interface; 13-character time-code/name/message display; active balanced XLR analog outputs; AES/EBU digital outputs.

**DN990R Features:** recorder/player; maintains all the playback features of the DN981F; instant recording; auto/manual track increment; backup for power failure during recording; switchable SCMS code writing; end of track trim; cue point writing and the ability to erase, divide, combine, or move tracks; balanced XLR analog I/O; AES/EBU digital I/O.

**DN995R Additional Features:** external sync capability; a switchable RS422A/RS232C interface; refined end trim, cue, search and disc loading functions; balanced XLR analog I/O; AES/EBU digital I/O.

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

<b>DN981F</b>	<b>Mfr. List \$2,800.00</b>	<b>Call For BSW Price</b>
<b>DN990R</b>	<b>Mfr. List \$3,500.00</b>	<b>Call For BSW Price</b>
<b>DN995R</b>	<b>Mfr. List \$4,300.00</b>	<b>Call For BSW Price</b>



### DN80R - Portable MiniDisc Recorder/Player

The DN-80R, Denon's portable MD recorder/player, is a compact, rugged MD recorder designed for life on the road. Features: housed in a rigid aluminum case, it utilizes a highly effective vibration-absorbing design with pickup mechanism suspension dampers to ensure great recordings under adverse conditions; the PRE-UTOC function allows you to recover audio from recordings that were terminated due to loss of power etc.; 16 megabit RAM buffer memory (equivalent to 40 sec. stereo signal) helps prevent dropouts; instant recording that begins the moment the record button is pushed; recordings up to 148 minutes on a single disc in mono mode; built-in speaker with volume control; AC or Battery operation; ACD-19 control software for track editing from your lap-top computer and many of the record/edit functions found in Denon's studio models; switchable XLR mic/line level inputs with switchable mic attenuation; AES/EBU and IEC-958 digital I/O.

<b>DN80R</b>	<b>Mfr. List \$4,500.00</b>	<b>Call For BSW Price</b>
--------------	-----------------------------	---------------------------

## DENON



### DN1100R - MiniDisc Recorder/Player

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

<b>DN1100R</b>	<b>Mfr. List \$2,600.00</b>	<b>Call For BSW Price</b>
----------------	-----------------------------	---------------------------



### DN045R - MiniDisc Replicator

This unique machine performs digital-to-digital MD dubs, bypassing the ATRAC compression circuit, preserving the high quality sound of the original MD. Features: automatically defragments data from a fragmented disc so the dubbed copy will have a single, uninterrupted string of data on it (Repeated editing on a MiniDisc causes data for each track to be fragmented over the disc, making it less efficient); dubs can be made up to 3.5 times faster than real time; Windows® software is provided to allow MDs to be edited during replication through the RS-422A/232C serial interface board. Note: this machine does not record from an external audio source. Internal dubbing only.

<b>DN045R</b>	<b>Mfr. List \$4,200.00</b>	<b>Call For BSW Price</b>
---------------	-----------------------------	---------------------------

## OTARI



### MR-10 - MiniDisc Recorder/Player

Otari's legendary reliability combined with the speed and flexibility of Minidisc makes the MR-10 perfect for stereo broadcast and production. Features: 32 character LCD display for easy cut identification; editing functions include erasing, dividing, joining, and renumbering selected cuts on disc; auto-cue automatically detects the start of the cut and will park the machine until play is selected; the next play feature lets you select the next track while you're in the play mode allowing seamless segue; full function remote control; balanced XLR in/out; 5/PDIF digital I/O.

<b>MR10RP</b> recorder/player	<b>Mfr. List \$3,255.00</b>	<b>Call For BSW Price</b>
<b>MR10P</b> player	<b>Mfr. List \$2,625.00</b>	<b>Call For BSW Price</b>

# The First Name In Digital, The First Family In MiniDisc



## MD Cart Series

**Recorders/Players** The DN-995R/990R recorders and DN-981F player offer all the advantages of MD without the conventional tape cart problems of wow and flutter or drop-outs and tape stretching. These full-function units provide audio and computer interface as well as a multitude of options, including synchronization. Optional "Hot Start" switchbox adds instant playback of any 10 tracks (DN-981F).

**T**he first name in digital, Denon has also become the premier manufacturer of MiniDisc products for broadcast and post production applications. Even the most demanding tasks of repetitive audio required by fixed installations are made easy and reliable with MiniDisc. Denon not only offers the most comprehensive line of MiniDisc products, they are totally committed to the further development of MD technology.

The MiniDisc format has proved to be the most convenient and reliable medium available. MD can literally be used millions of times without any signal degradation. The sonic quality is equal to Compact Disc and immensely superior to celluloid, while offering unsurpassed portability. More and more digital audio users are turning to MD for archival purposes.

From recording and replication to MD Carts and ENG MD recorders, Denon has a full family of products to integrate MD technology quickly and economically. Contact your favorite distributor and find out why Denon is the "first family in MiniDisc".



**DN-1100R MD Recorder** The DN-1100R MD recorder offers 74 minutes of stereo recording time with a 44.1 kHz sampling rate, 16-bit linear (A/D converter) quantization and ATRAC compression. The unit also features 10 independent "Hot Start" buttons to which any 10 tracks from a total of 255 can be assigned. This feature is ideal for sound effects libraries, sound bytes and announcements.

**DN-80R Portable MD Recorder** The DN-80R is the most advanced ENG recorder on the market, allowing up to 148 minutes recording time in mono and 74 minutes in stereo, per disc. The portable unit provides news gathering personnel and reporters who are on-the-move with shock-proof recording and playback capabilities from a 40 second memory buffer. Further time-saving production features include field editing on a single disc. A standard 23dx video camera battery provides maximum power for a full 148 minutes.



**DN-045R MD Replicator** The DN-045R MD replicator performs exact digital-to-digital dubs, up to 3.5 times faster than real-time without the cascade of ATRAC compression. The included Windows™ software also allows fool-proof editing during replication.

# DENON

The First Name In Digital Audio

### SONY



#### MDS-B5 - MiniDisc Recorder/Player

Sony's third generation studio MD machines take advantage of leading edge technology setting a new standard for professional performance. MDS-B5 Features: Direct Duplication Link allows you to make a complete copy of compressed signals at high speeds. It is also effective for eliminating fragmentation on heavily edited discs; RAM-TOC edit lets you save your edited recording to a master disc and also conduct temporary editing of a pre-mastered disc; recording times of up to 148 minutes (mono); machine can be controlled via supplied wired remote commander, an IBM keyboard, RS232C, GPI and more; "hot start" up to 10 tracks by using the supplied remote commander, PC keyboard or parallel remote port;  $\pm 12.5\%$  vari-speed; balanced XLR analog I/O; AES/EBU and S/PDIF digital I/O.

MDSB5 Mfr. List \$3,295.00 Call For BSW Price



#### MDSJE500 - MiniDisc Recorder/Player

Here is the lowest priced studio Minidisc recorder available. Features: 4th generation ATRAC circuitry for quality audio reproduction, sampling rate converter for digital-to-digital recordings from DAT, jog dial for split-second track access, front panel headphone jack and much more. Remote control (included) has 25 key direct access track selection. Inputs/outputs: unbalanced phono jacks.

MDSJE500 Mfr. List \$700.00 Call For BSW Price  
RK7 rack kit BSW Price \$32.00



#### MZ-R3 - Portable MiniDisc Recorder/Player

Easy access controls and a special track marker function make the compact MZ-R3 ideal for sports remotes and interviews. Features: stereo or mono recording (74 minutes stereo—148 minutes mono); 10 second shock resistant memory; track mark, move and erase edit functions; digital line input; supplied stereo headphones; supplied remote control; uses two "AA" batteries or optional rechargeable battery; supplied AC adapter; unbalanced mic and line stereo mini jack inputs; unbalanced stereo mini jack output; optical digital input. Options: rechargeable batteries; battery charger; optical digital cable; IC6 XLR to mini jack mic cable; KEB20 carrying bag.

MZ-R3 Mfr. List \$650.00 Call For BSW Price

### SONY



#### MZ-B3 - Portable MiniDisc Recorder/Player

The MZ-B3 makes getting high quality interviews or actualities a snap. News staff will love the convenience and features of this robust little unit. Features: high-quality built-in mic eliminates the need for a professional microphone, however, a mic input jack is included for use with external mics; an automatic date and time function helps you keep recordings organized; voice activated recording simplifies operation; built-in speaker, headphone jack and high speed play back allow for quick reviewing of audio in the field; stereo or mono recording (74 minutes stereo—148 minutes mono); supplied remote control; uses 3 "AA" batteries or optional rechargeable battery; supplied AC adapter; unbalanced mic level stereo mini jack input; unbalanced stereo mini jack output; optical digital input. Options: rechargeable batteries; battery charger; optical digital cable; IC6 XLR to mini jack mic cable; KEB20 carrying bag.

MZ-B3 Mfr. List \$900.00 Call For BSW Price

### TASCAM



#### MD801R/MD801P - MiniDisc Recorder/Player

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

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

FOR DAT TAPES SEE PAGE 67

DAT STORAGE RACKS APPEAR ON PAGE 125

# IN THE PROFESSIONAL MINIDISC MARKET, THERE ARE THE HAVES. AND THE HAVE-MORES.



Allow us to state the obvious. The new MDS-B5 Digital Pro MiniDisc Recorder/Player has more high-end features than any other MiniDisc cart available today. And they all come standard, not as costly options. The MDS-B5 is the smart choice for radio, television, theater, and other applications requiring professional sound quality.

Its flexibility and easy operation make it ideal for sound effects, commercial messages and station promos. And high speed disc cloning is perfect for program distribution or safety back-ups. When you're looking at professional MiniDisc carts, remember the MDS-B5 doesn't just have what you need. It has more.



©1997 Sony Electronics Inc. Reproduction in whole or in part without written permission is prohibited. All rights reserved. Sony is a trademark of Sony.

**SONY**

### SONY



#### MDM-X4 - Multitrack MD Recorder

The convenience, portability and sound quality of the MD format is available in a 4-track format. Features: 4-track recording on MD data discs (37 minutes per track); 2-track or mono recording on MD audio discs; analog mixer section offers 4 mic/line inputs with 3-band EQ, a stereo line input with 2-band EQ, 2 mono AUX sends, 2 stereo AUX returns and 4 direct track outputs;  $\pm 8.8\%$  vari-speed; supports MIDI, MMC and MTC; display shows absolute time or bars and beats; Mix Write lets you mix new audio to an existing track; Virtual Mix allows recording of up to 16 virtual tracks with 2 or 4 track mixdown; input connectors on channels 1 and 2 are combination XLR—1/4", all other I/O via 1/4" jacks.

MDM-X4

Mfr. List \$1,250.00

Call For BSW Price

### TASCAM



#### 564 - Multitrack MD Recorder

A complete Portastudio utilizing MD technology. Features: 37 minutes of 4-track recording with MD Data format; bounce forward editing lets you create submixes on the same disc without affecting the original tracks; 5 virtual tracks (takes) per track; auto punch in/out with rehearsal; mixer section includes 4 mono mic/line and 4 stereo line inputs, 3-band EQ with sweepable mids (2-band on stereo channels), 2 AUX sends and returns; 4 direct track outs, line and monitor outputs and more; supports MMC; MIDI clock and MTC output; balanced XLR mic inputs—all other analog I/O via 1/4" and RCA connectors; S/PDIF digital output.

564

Mfr. List \$1,499.00

Call For BSW Price

### YAMAHA



#### MD4 - Multitrack MD Recorder

Digital multi-tracking with the convenience of the compact, removable MD format. Features: 37 minutes of 4-track recording with MD Data format; punch in/out recording with rehearsal; ping-pong multiple tracks down to a mono or stereo track; fast/accurate locating with multiple track markers; cue-list assembly and playback; pitch control ( $\pm 6\%$ ); 4-channel analog mixer section with 3-band EQ, AUX send/return, stereo and monitor outs, 4 direct track outs and a flexible monitoring section; MIDI clock or MTC output; all audio connections via unbalanced 1/4" and RCA connectors.

MD4

Mfr. List \$1,199.00

Call For BSW Price

### AKAI



#### DR4HD - Multitrack Recorder

The DR4HD offers the speed and expandability of hard disk recording in a very affordable and compact package. This 4-track recorder offers some amazing editing capabilities right out of the box as well as the ability to expand up to 16 track operation. Features: 1 GByte internal hard drive that allows for approximately 192 total minutes of recording (48 minutes per track) that can be expanded with external SCSI drives; random access editing with copy, move, insert and erase; undo function lets you undo the last edit before committing to disk; support for 250 virtual tracks with stereo ping-ponging; jog/shuttle with audible slow motion and fast forward; 8 instant access memory locations; direct archiving to standard DAT machines; 18 bit, 64X oversampling A/Ds; balanced 1/4" TRS analog inputs/outputs (x4); digital AES/EBU & SDIFII I/O (x2); SCSI ports for external drives. Options: DL4d remote controller.

DR4HD

Mfr. List \$2,325.00

Call For BSW Price

DL4D

Mfr. List \$849.00

Call For BSW Price



#### DR8/DR16 - Multitrack Hard Disk Recorders

The DR8 and DR16 from AKAI are compact, easy to use rackmount machines that provide 8 or 16 tracks of random access, hard disk digital recording and editing. Features: units can be chained together for an expanded number of tracks; a user friendly tape machine style interface; built-in digital mixing lets you create a stereo mix of disk tracks and also allows track merging; snapshots may be stored for mix changes, or the mixer can be dynamically controlled via MIDI controller messages; fast and accurate editing with copy, move, insert, delete, erase, slip and undo functions; one built-in SCSI port for additional hard drives; automatic, manual and footswitch punch in/out modes; 18 bit, 64x oversampling ADCs; 20 bit DACs; balanced TRS analog I/O; AES and S/PDIF digital I/O.

Options: SuperView™ VGA board allows the use of a standard VGA monitor for multi-page graphic display; EQ board enhances mixing capabilities by providing 3 band mid sweep digital EQ for 8 or 16 tracks.; Interface options for both the DR8 and DR16 include SMPTE, MIDI Clock with SSP, MTC, A-DAT interface, RS422 and Bi-phase; optional "SCSI B" is for backup to SCSI DAT and connecting to a computer; DL16 remote record/edit/mix controller for the DR8 and DR16 with EQ, pan and 16 faders.

DR8HD

1 GB internal hard drive

Mfr. List \$4,295.00\*

DR16HD

2 GB internal hard drive

Mfr. List \$6,380.00\*

DL16

remote controller

Mfr. List \$1,795.00

Call For BSW Prices

\*Prices include internal storage drives

## ALESIS



### ADAT XT - Digital Audio Recorder

The ADAT<sup>®</sup> format has become a world standard for compact digital multitrack recording with several thousands of units installed to date. The ADAT<sup>®</sup>-XT™ is the newest generation ADAT, keeping the ease of use and great sound the original ADAT is known for and adding even better performance and more flexibility. Features: up to four times faster than the original ADAT with intelligent software controlled tape transport; track copy feature lets you clone any track (or group of tracks) and copy it to any track (or group of tracks) on the same machine; using two or more ADAT-XTs and the tape offset feature, you can copy and paste not only from track to track, but from location to location; improved audio performance is the result of the latest ultrahigh fidelity 18-bit, 128 times oversampling A/D converters; onboard 10-point autolocation system with auto record, automated punch in/out; comprehensive vacuum fluorescent display; balanced analog I/O via 56-pin ELCO connector; unbalanced RCA analog I/O (x8); optical digital I/O.

Options: BRC remote controller offers multiple machine control (Up to 16) plus additional automation and nondestructive editing features; AI-1 sample rate/format converter; AI-2 audio/video sync interface.

ADATXT	Mfr. List \$3,499.00	Call For BSW Price
BRC	Mfr. List \$1,499.00	Call For BSW Price

*Available in North America only*

## E-MU



### DARWIN - Multitrack Recorder

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

4001 Darwin with 1GB drive	Mfr. List \$3,795.00	Call For BSW Price
----------------------------	----------------------	--------------------

## FOSTEX



### D-80 - Multitrack Recorder

The D-80 excels in all the areas required of a great digital multitrack recorder: audio quality, expansion, synchronization and editing—all at a very reasonable price. Features: up to 18 minutes of simultaneous 8-track recording and playback with supplied 850MB, removable hard disks (upgradable to 60 minutes per track); additional hard drives can be exchanged in seconds with a handy key-lockable caddy system; CD quality audio; unique removable front panel doubles as a full function wired remote control; virtual reels feature divides the hard drive into 5 separate segments that can contain their own separate cuts with preference data unique to each reel; easy to use cut, copy, paste and move editing within individual tracks or across multiple tracks; undo and redo functions; multiple D-80s (and DMT-8s) can be slaved together without losing audio via built-in MTC/optical S/PDIF Word Clock; auto locate, auto return/play, search and auto punch in/out record instantly; highly visible FL tube display with audio metering and 3 time modes showing absolute time, MTC—MIDI timecode, or bar/beat clock; 8 unbalanced RCA analog inputs and outputs; optical digital I/O for data and 2-track audio with optional S/PDIF adapter. Options: 9040B empty hard drive caddy for approved 3rd party drives; COP-1 optical to coaxial S/PDIF converter; 8051 footswitch.

D80	Mfr. List \$2,195.00	Call For BSW Price
-----	----------------------	--------------------



### DMT8VL - Multitrack Recorder

This second generation machine incorporates a 16-bit linear hard disk recorder and an 8-channel, 22 input mixing system into one compact unit. Features: Record directly to the internal 540MB hard drive (upgradable to 2.55GB for 60 minutes); random access editing with cut, copy, paste, move plus undo/redo; supports MMC, MTC, MIDI clock and song position pointer; instantaneous search to Zero or any cue point; jog shuttle wheel provides digital scrubbing without pitch change as well as fast, audible Cue and Review; two direct-to-disk digital inputs plus S/PDIF optical outputs; 8-channel mixer with two inputs (main and sub with separate gain and pan controls), 2-channel parametric EQ (on main channels) 2 AUX sends and group assign switches; channels 1-4 have input trim faders that allow for mic or line input levels as well as channel insert patch points; main and monitor stereo outs, fluorescent tube display with audio metering as well as absolute time, MIDI time code and MIDI/Bar/Beat readout; unbalanced analog I/O via 1/4" and RCA connectors; expansion bay for future E-IDE and SCSI interface options. Options: COP-1 optical to coaxial S/PDIF converter; 8051 footswitch.

DMT-8VL	Mfr. List \$1,295.00	Call For BSW Price
---------	----------------------	--------------------

## PANASONIC



### MDA1 - Digital Audio Recorder

Based on the ADAT S-VHS tape format, the MDA-1 8-track modular multi-track digital recorder is designed for audio professionals looking for pro level audio interface and performance. Features: outstanding audio quality with 18 bit 128 times oversampling A/D converters and 20 bit, 8 times oversampling D/A converters; utilizes the latest developments in transport technology incorporating an "intelligent", quick response software-controlled tape transport combined with a dynamic braking system for smooth gentle tape handling that is very fast and accurate; on board editing capability including track copy and track delay, as well as a tape offset feature that facilitates assemble style editing between two machines; 10-point autolocate memory system; auto record function enables punch in/punch out times accurate to 1/100th of a second; the auto play function sets segment start and end points for track shuttle purposes; auto return allows a point to be set at which the tape returns to the auto play point; rehearse mode allows audio takes to be practiced before being committed to tape; fluorescent tube display shows audio levels, absolute or relative time; balanced XLR and unbalanced RCA inputs and outputs.

MDA1 Mfr. List \$3,495.00 Call For BSW Price

## SONY



### PCM800 - Digital Audio Recorder

Based on the robust and reliable Hi8 video format, the PCM-800 8-channel digital audio recorder provides an affordable, high performance tool for radio/TV broadcasters, project studios and post production facilities. Features: 108 minutes of 16-bit linear digital audio on a standard 120 minute tape with outstanding sound quality; supports 44.1 kHz and 48 kHz sample rates; auto punch in/out; variable speed playback  $\pm 6\%$  in 1% steps; adjustable crossfade time of 10ms to 90ms in 10ms steps; up to 16 units can be operated together in perfect sync with the optional DABK-1 interface board for a system of up to 128 channels; balanced XLR analog I/O; AES/EBU digital I/O. Options: DABK-1 sync board provides sync for multiple machine configurations plus SMPTE/EBU time code chase and generation as well as MIDI machine control and NTSC/PAL video sync; RM-DB800 remote control unit provides full control including the jog shuttle wheel and can control up to six machines.

PCM800 Mfr. List \$5,995.00 Call For BSW Price  
 DABK801 Mfr. List \$800.00 Call For BSW Price  
 RMD800 Mfr. List \$1,500.00 Call For BSW Price

## TASCAM



### DA88 - Digital Audio Recorder

Tascam's DA88 digital 8 track recorder utilizes the readily available Hi-8, 8mm tape format and has become a standard among audio professionals in broadcasting, music and video/film industries.

Features: CD quality recordings up to 100 minutes in length on a standard 120 minute tape; rugged transport construction; rugged and reliable tape format; gapless seamless punch in/punch out with advanced digital crossfading technology; variable track delay; very easy to use with 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; Options: RC848 remote controller gives you direct control of up to 6 units (48 tracks); RC808 single unit remote controller; SY88 sync board provides SMPTE sync, video sync, a 9-pin RS-422 port, and MIDI machine control; MU-8824 24-track metering unit; MMC-88 MMC interface; IF-88AE AES/SPDIF digital interface; IF-88SD SPDIF digital interface.

DA88	8 track recorder	Mfr. List \$4,799.00
RC848	multi-unit controller	Mfr. List \$1,599.00
RC808	Single Unit Controller	Mfr. List \$225.00
SY88	Chase Sync. Board	Mfr. List \$849.00
MU8824	24-track Remote Meter Unit	Mfr. List \$999.00
IF88AE	AES/SPDIF Digital Interface	Mfr. List \$1,149.00
IF88SD	SPDIF Digital Interface	Mfr. List \$1,399.00

Call For BSW Prices



### DA-38 - Digital Audio Recorder

The newest modular digital multitrack utilizing the acclaimed Hi-8mm tape format in a very affordable package for audio professionals not needing extensive time code capability. Features: CD quality recordings up to 100 minutes in length on a standard 120 minute tape; fully compatible with DA-88s; track copy function; built-in electronic patchbay; track advance and delay; built-in tone generator; seamless, gapless punch in/out with adjustable crossfade; 2 auto locate markers; variable pre-roll for locate and punch in; rewind and fast forward from 1/4 speed to 8x speed with the precision rotary shuttle control;  $\pm 6\%$  pitch control; balanced analog I/O via D-sub 25-pin connectors; unbalanced RCA analog I/O. Options: RC-808 single unit remote control; RC-848 system controller for multiple units; MMC-38 MIDI Machine Control interface.

DA38	8-track recorder	Mfr. List \$3,499.00
RC848	system controller	Mfr. List \$1,599.00
RC808	single unit controller	Mfr. List \$225.00
MMC38	MMC interface	Mfr. List \$292.00

Call For BSW Prices

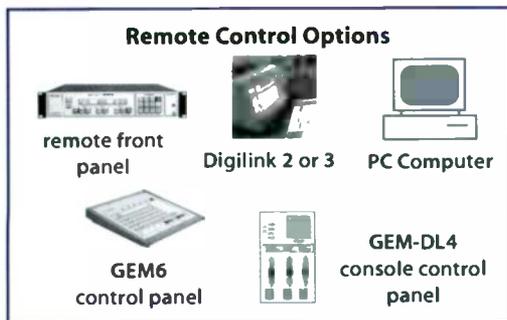
## ARRAKIS



### DIGILINK IV - Digital Audio Storage System

A remarkable product cost-effective enough to be used as a stand alone replacement for 3-deck cart machines, reel machines, DAT machines, etc. Powerful interface and control options make it an ideal building block for multiple-studio and shared storage systems.

Features: cost effective workstation designed specifically for broadcast; triple play and simultaneous record — a virtual triple deck cart machine in a box; dual stereo play outputs (mix and cue) allow a file to be cued while playing two others on the air; on board cut and splice digital editing; an excellent (and far more reliable) replacement for CD jukeboxes. With MPEG II compression, the DL4 can store thousands of songs economically on hard disk and can be connected to the DL3 as if it were a CD jukebox; two DL4s can be connected together and can share all stored audio. This means that any recording from one DL4 is immediately available on the second DL4 for playback and editing — there is no network transfer time; with triple play and record capability, a single DL4 can be shared between an on-air and production studio. The production studio can play-record-edit while the air studio can use dual play for overlap; create a star network of up to 32 DL4s with shared audio storage.



DL4 can be controlled from the built-in control panel with LCD display and two other control ports at the same time. Control the DL4 via the optional 99 button Gemini control panel, PC via modem or locally; a Digilink workstation; optional GEM-DL4 console module (fits 12,000 and 22,000 series consoles); optional remote LCD control panel that duplicated the DL4 front panel.

DL4-600	1 GB, 12 hrs storage	Mfr. List \$3,495.00
DL4-4000	4 GB, 50 hrs storage	Mfr. List \$4,795.00
DL4-LCDR	LCD controller (rack mt.)	Mfr. List \$695.00
DL4-LCDD	LCD controller (table top)	Mfr. List \$695.00
GEM-DL4	console module control	Mfr. List \$1,195.00
DL4-WINGS	PC control software	Mfr. List \$199.00
DL4-DL	control via DL3 or DL2	Mfr. List \$249.00
DL4-SHARE	2 DL4s share files	Mfr. List \$995.00

Call For BSW Prices

## ARRAKIS



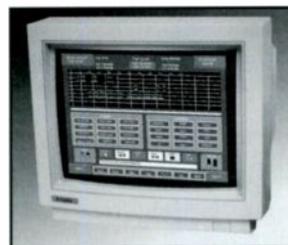
### DIGILINK III - Digital Audio Storage/Automation Systems

Digilink III is a multipurpose digital audio workstation for satellite, CD and hard disk automation as well as on-air or live assist applications and audio production. With four times the power of the #1 selling Digilink II, the Digilink III offers the most power and features of any workstation of its type in radio today. Features: Two separate audio outputs and the ability to triple play and record; works with all satellite services; CD jukebox and DL4 interface; ideal for hard disk automation; 40 clocks and 40 jocks; 1500 timed records per week; smart squeeze and auto fill adjust sets to match break times; powerful live assist feature; optional modem control for remotes; optional Trak\*Star III multitrack editing software. Options: Trak\*Star software; live assist software; news test software; password software.

Basic systems feature specified stereo audio storage, a VGA color monitor, keyboard and mouse.

DL3-600	10 hr system	Mfr. List \$7,995.00
DL3-1000	16 hr system	Mfr. List \$8,495.00
DL3-6000	78 hr system	Mfr. List \$10,995.00

Call For BSW Prices



### TRAKSTAR III - Multitrack Workstation

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

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

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

TS3-600	Trak*Star workstation	Mfr. List \$5,995.00
DL38MTL	Trak*Star software for DL3 only	Mfr. List \$995.00

Call For BSW Prices

### DALET



#### DALET - Digital Media Systems

Dalet provides digital audio solutions for all stations regardless of size or format for applications including: live-assist, satellite automation, walkaway music automation (music on hard drives), multitrack editing, combined text and audio editing for news, ISDN transfer for remote workstations and more. Designed as a network system, Dalet utilizes modular software and modular control panels with standard, off-the-shelf PC hardware and networks. Its open architecture approach allows you to customize any size system to your specific needs now, without limiting your ability to grow with new technology in the future.

#### Features:

- Fully integrated applications that are made to run together seamlessly
- Instant and simultaneous access to all stored audio
- Standard off-the-shelf hardware and networks
- Multilevel access protection
- Software screens for live assist, satellite/machine automation, cart replacement, multitrack production, music and commercial scheduling, newsroom text/audio production, automated recording and ISDN remote communication
- Multi-level access protection.



Modular control panels provide intuitive, direct control of an entire range of station operations from recording, to editing, to broadcast. Each user plugs in as many modules as they need with a single serial port connection.

Pricing Based On System Configuration  
Call For BSW Pricing

### THE BLUE GROUP

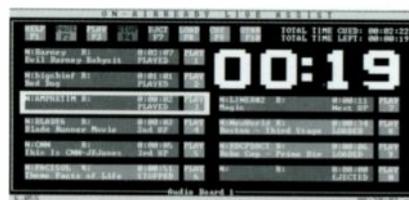


#### PHONEBYTE - Digital Reel-to-Reel Replacement

Say good-bye to klunky recorders, razor blades and splice tape....say hello to incredibly fast and easy digital editing with PhoneByte. Just a single keystroke or simple click of the mouse allows you to record, edit, play, and archive all of your phone bits and sound effects. Features: nondestructive cut and paste editing; instant playback; grouping/stacking functions; continuous or single cut playback; assignable hot keys for standard keyboard of optional touch button panels.

Call For System Configuration And Pricing

#### WIREREADY NSI



#### RADIOREADY - News Room Software

RadioReady™ is the #1 newsroom software for integrating wire services, news text scripts and audio bits onto your PCs and/or LANs. Features: package combines WireReady and NewsReady software (now used by 2000 radio stations) with CartReady and ReelReady software; compatible with CardD Plus or SoundBlaster16/32 audio cards; works with .WAV files and ZIP/JAZ drives; supports simultaneous play/record when configured with 2 audio cards installed in same computer(s); requires user supplied Pentium class computers with 16MB of RAM; includes 1 Year of 24 hour 800 support and a free upgrade through manufacturer; training, installation, and maintenance packages also available.

SO-RR1	1-user software pak	Mfr. List	\$2,495.00
SO-RR2	2-user software pak	Mfr. List	\$3,995.00
SO-RR5	5-user software pak	Mfr. List	\$7,995.00
SO-RR10	10-user software pak	Mfr. List	\$9,995.00
SO-RR25	25-user software pak	Mfr. List	\$14,955.00

Call For BSW Prices

#### MUSICREADY - Music On Hard-Drive Software

Simple & affordable music on hard-drive software for small market stations. Works with two CardD Plus audio cards or two SoundBlasters16/32 on your own Pentium class computer. Features: supports multiple hard-drives; simultaneous play and record; dual-play; programmable overlaps and crossfades. Add a second computer with audio card, your favorite multitrack editing software and external storage drives for the perfect production/swapable backup system. Includes setup and training via customer supplied modem.

SO-MR1	musicready	Mfr. List	\$3,995.00	Call For BSW Price
--------	------------	-----------	------------	--------------------

Internet: <http://www.bswusa.com>

# WARNING: This is NOT a TOY!

If sound quality is important to you, don't trust your production to anything but the **CardDplus™** from Digital Audio Labs.

- Digital and analog interfaces
- Full .WAV compatibility
- Superior fidelity



## CardDplus™



**I/O CardD™** Companion to the CardDplus™ offers direct digital transfer to and from your DAT.



**Digital Only CardD™** Standard line card for direct digital transfer to and from your DAT.

*The professional's choice for digital audio on the PC.*

# Digital AUDIO LABS

*Call BSW For Competitive Pricing*

Trademarks are the property of their respective owners.

"The Digital Only Card gives me back exactly what I put into it; clean, quiet audio."

**Tom Jung**  
DMP Records

"Professional features and excellent audio quality... an excellent companion to Software Audio Workshop™."

**Bob Lentini**  
Innovative Quality Software

"Great analog sound and perfect digital transfers. This is the one!"

**Tom Bates**  
Grammy-winning Engineer

"Exceptional... the sonic quality is superb, rivaling digital equipment many times the price."

**Dominic Hawken**  
Audio Media Magazine

"The digital quality is unsurpassed. We've produced three platinum albums on the CardD in the last year alone... tremendous bang for the buck."

**Dave Morse**  
Record Way, Los Angeles

"Five out of five for sound quality."

**Dave Miles Huber**  
Electronic Musician

"We recommend the CardDplus to all our Sound Forge™ users."

**Monte Schmidt**  
Sonic Foundry

"Easy to use, yet powerful. Totally transparent. Dollar for dollar, the best system available."

**Bruce Schirmer**  
KGO Radio, San Francisco

"Unbelievable... this is one piece of gear you should hear for yourself."

**Tom Schizzano**  
Home & Studio Recording

## DIGIDESIGN



### SESSION 8 - Digital Audio Workstation

Session 8™ for Windows™ is a professional quality recording and editing system designed to operate on your AT-compatible PC running Windows 95 or Windows 3.1. Features: 8-channel direct-to-disk digital recording; random access, non-destructive editing, intuitive digital mixing environment with built-in volume and pan automation; complete SMPTE frame rate support; video synchronization; digital parametric EQ; internal signal routing; choice of audio interfaces. Options: 882 Studio Interface includes an analog 10x2 submixer with mic/line inputs, inserts, effects sends and headphone monitoring; 882 I/O interface provides eight 1/4" balanced/unbalanced analog inputs and outputs plus a S/PDIF digital I/O; 888 I/O offers 8 balanced XLR inputs and outputs, 8 channels of AES/EBU digital I/O and 2 channels of S/PDIF digital I/O; R1 remote control; ADAT interface; video/SMPTE slave drivers.

<b>SESSION-8</b>	core system	Mfr. List \$1,995.00
<b>PH007 882</b>	I/O interface	Mfr. List \$995.00
<b>PH002 888</b>	studio interface	Mfr. List \$1,995.00
<b>PZ002 8XL</b>	session-8XL	Mfr. List \$5,995.00
<b>PH003US</b>	R1 remote control	Mfr. List \$995.00
<b>MH034 SMPTE</b>	slave driver	Mfr. List \$1,295.00

Call For BSW Prices



### AUDIOMEDIA III - Digital Audio Card

Digidesign provides a high quality alternative to consumer variety audio cards with the Audiomedia III™ for PCI compatible computers. Loaded on your Windows equipped, AT-compatible PC and combined with Session™ software, it provides a professional sounding, cost effective multitrack recording and editing environment. Features: 8-track playback; simultaneous digital and analog I/O; up to 4 tracks recording; 24-bit DSP processing; supports multiple sample rates; unbalanced RCA stereo analog I/O; S/PDIF digital I/O. A Macintosh PCI version is also available for use with ProTools with DAE PowerMix multitrack software.

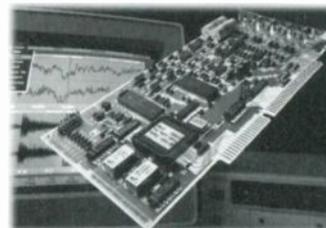
<b>AUDIOMEDIAIII</b>	Mfr. List \$795.00	Call For BSW Price
----------------------	--------------------	--------------------

### SESSION - Recording/Editing Software

Session™ software provides powerful multitrack recording and editing capabilities from your AT-compatible PC. Session runs in Windows 3.1 or Windows 95 and requires the Digidesign Audiomedia III sound card. Features: up to 4 tracks recording via simultaneous analog and digital card inputs; 8 tracks simultaneous audio playback; nondestructive random access editing; 8 bands of real-time digital parametric EQ; fully automated volume and pan mixing; synchronization to digital video and MIDI sequencers; custom crossfades; audio nudge; up to 100 locators; high resolution on-screen meters.

<b>SESSIONPC</b>	Mfr. List \$199.00	Call For BSW Price
------------------	--------------------	--------------------

## DIGITAL AUDIO LABS

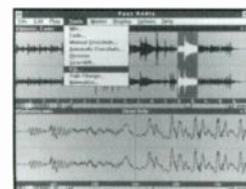


### CARD DPLUS - Digital Recording Hardware

With the CardD Plus™ (TC-01) from Digital Audio Labs you can turn your PC into a professional quality digital audio recording system. Features: IBM AT-compatible system is contained on a single plug-in card; A/D and D/A converters with 16-bit resolution allowing for 32 kHz, 44.1 kHz and 48 kHz sampling rates; supports simultaneous record and playback; inputs and outputs are RCA stereo (+4 dB or -10 dB levels). Options: I/O CardD™ (I/O-01) digital input/output card connects directly to the CardD Plus via ribbon cable to provide direct digital transfer to and from DAT machines etc. in S/PDIF format; Digital Only CardD™ (DO-01) is a stand alone digital transfer card that does not require the CardD Plus™.

<b>TC01</b>	CardDPlus™ Digital Recorder	Mfr. List \$795.00
<b>IO-01</b>	Digital In/Out Card	Mfr. List \$295.00
<b>DO-01</b>	Stand Alone Digital In/Out Card	Mfr. List \$395.00

Call For BSW Prices

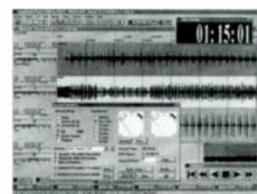


### FASTEDIT - Editing Software

Digital Audio Labs' newest generation editing software provides fully nondestructive editing for Windows™ .wav files. It is powerful enough to meet the tough demands of broadcast editing and so intuitive that a novice can learn it quickly. Features: ultra-fast cut and paste; sample accurate editing; simultaneous record and play with mix function makes overdubbing and layering sounds a snap; fade-in/fade-out; drop in markers can be manually or automatically named; custom fades; reverse play, variable-speed, gain change and AGC functions; accurate punch-ins; scrub function; bonus soundfile hot-key playback and playlist editor programs included.

<b>FASTEDIT</b>	Mfr. List \$199.00	Call For BSW Prices
-----------------	--------------------	---------------------

## SAMPLITUDE

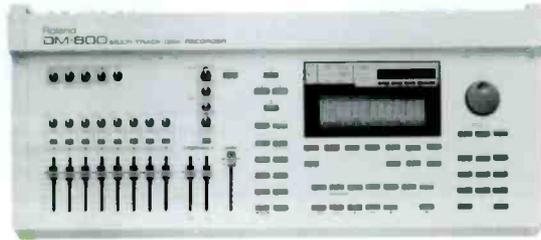


### SAMPLITUDE - Recording/Editing Software

This fast real-time wave editor, hard disk recording, sampling and multimedia program handles all aspects of multitrack recording on a PC, running Windows with a sound card such as the CardD (see above). Samplitude-Studio offers up to 16 track recording and multiple card support. Samplitude-Pro is a scaled down version with up to 8-track recording.

<b>SAMPLITUDESTUDIO</b>	Mfr. List \$398.00	Call For BSW Prices
<b>SAMPLITUDEPRO</b>	Mfr. List \$199.00	Call For BSW Prices

## ROLAND



### DM800 - Digital Audio Workstation

Economical, comprehensive and easy-to-use, the DM800 was designed for the audio professional and is perfect for demanding radio production. **Features:** 8-track recorder with 100 layers per track; 16-bit linear recording data format, with selectable sampling rates of 48 kHz, 44.1 kHz and 32 kHz; integrated 12 channel mixing system; super stable hardware platform; non-destructive recording/editing; full dynamic automation, MIDI integration; time compression; pitch correction; supports SMPTE and MTC sync; video display output; SCSI ports for external drives and DAT backup; TRS balanced analog I/O; IEC-958 coaxial digital I/O **Options:** RS 422 interface; DA-88 interface; ADAT interface; 4-channel D/A converter adds 4 additional analog outputs.

DM800HD w/2 internal 540MB drives Mfr. List \$7,595.00  
Call For BSW Prices



### VS-880 - Digital Audio Workstation

A truly comprehensive digital workstation, the VS-880 handles everything from recording and editing to mixing and mastering in one, very reasonably priced, compact unit. **Features:** nondestructive recording and editing with 999 levels of undo, even after conducting multiple recording/editing sessions; 18-bit A/D and D/A conversion; supports 48, 44.1 and 32 kHz sampling rates; 64 recordable virtual tracks with 8 track playback; digital editing with cut, copy, paste, move, insert and delete functions; compression and expansion without pitch change; 1,000 markers per spot/song; 8 locate points with direct access keys; two mix modes; direct input-track mode and a virtual mix mode allowing mixing of 8 recorded tracks and 6 input sources at the same time; parametric EQ (3-band on input-track mode, 2-band on Mix mode; up to 8 "snapshot scenes" store all mixer parameters; automated mix-down via external MIDI sequencer; optional onboard digital effects; choice of 540 MB internal IDE hard drive or Iomega Jaz drive with 1 GB removable cartridges; SCSI interface for external drives; data backup to audio DAT; supports MTC and MMC MIDI sync; RCA and 1/4" unbalanced analog I/O; S/PDIF digital I/O. **Options:** VS8F-1 effect expansion board adds two independent stereo multi-effect processors with 100 factory patches including reverbs, delays, chorus' and special effects, plus 100 user programs; VS-880TC hardshell carrying case.

VS880HD w/540 MB hard drive Mfr. List \$2,595.00  
VS880J w/1GB Jaz drive Mfr. List \$2,895.00  
VS8F-1 effect expansion board Mfr. List \$395.00  
VS880TC hardshell case Mfr. List \$149.50

## DIGITAL RECORDABLE MEDIA

Mfr.	Model/description	Mfr. List	BSW Price
<b>CDR</b>			
HHB	CDR74 recordable disc, 74 min	\$11.00	\$9.95
Quantegy	CDR650/74 Scotch/3M disc, 74 min	\$13.80	\$9.50
Sony	CD574 recordable disc, 74 min	\$12.95	\$8.95

### DAT (Audio)

Panasonic	RTR34M 34 min. DAT	\$6.30	\$4.95
Panasonic	RTR64M 64 min. DAT	\$7.50	\$5.60
Panasonic	RTR94M 94 min. DAT	\$8.80	\$5.95
Panasonic	RTR124M 124 min. DAT	\$9.95	\$7.20
Panasonic	RTRCLP DAT head cleaner	\$11.00	\$7.75
HHB	DAT 65 DAT 65 min.	\$10.90	\$8.60
HHB	DAT 95 DAT 95 min.	\$12.50	\$9.95
HHB	DAT125 DAT 125 min.	\$14.00	\$10.95
Sony	PDP64 DAT 64 min.	\$15.73	\$7.70
Sony	PDP94 DAT 94 min.	\$19.13	\$9.95
Sony	PDP124 DAT 124 min.	\$22.50	\$10.95

### Hi8mm

Sony	DARS30MP Hi8 30 min.	\$17.13	\$8.25
Sony	DARS60MP Hi8 60 min.	\$24.50	\$11.65
Sony	DARS113MP Hi8 113 min.	\$33.16	\$12.95

### MiniDisc (Audio)

HHB	MD74	\$11.00	\$9.95
Sony	MDW 74A MiniDisc 74 min.	\$16.99	\$10.95

### MiniDisc (Data)

HHB	MD Data 140	\$24.00	\$21.95
Sony	MDM140	\$24.00	\$21.95

### Misc. Removable

HHB	MD2.66B Mag optical	\$110.00	\$84.00
Iomega	ZIP 100MB disk	\$22.95	\$19.75
Iomega	JAZ 1GB disk (5 pack)	\$549.00	Call

### S-VHS

HHB	ADAT45	\$11.00	\$9.95
Panasonic	RTDA44 ADAT 44 min.	\$12.95	\$10.95
SONY	DASV40	\$20.53	\$10.95

**BURK TECHNOLOGY**



**EAS - EAS Encoder/Decoder System**

From the maker of the trusted ARC-16 remote control system comes this very "broadcast-friendly" EAS system. Features: six balanced audio inputs; one button weekly test is completely self contained, minimizing interruptions to busy operators and reducing training time; familiar telephone style keypad makes entry fast, easy and natural; 80 character display shows the whole command at once; menus are organized to make routine tasks quick and easy; broadcast quality audio storage helps maintain a consistent air sound, even in the auto-forward mode; a plain paper printer is included, logging all system activity for you; three RS232 interface ports for computer control and monitoring; works with Burk's ARC-16 and other transmitter remote controls; 600 Ohm balanced output; line/monitor output; eight direct digital inputs and outputs.

Options: RX-4 EAS monitor receiver system with four receiver modules, individually adjustable balanced outputs, built-in selectable monitor amp and speaker (specify AM, FM or NOAA Weather receivers); LX-4 EAS audio switch with four independent program channels that accepts one common EAS channel.

EAS	encoder/decoder system	Mfr. List \$2,195.00
RX4	monitor receiver system	Mfr. List \$1,195.00
RX4MODULE	spare receiver module	Mfr. List \$295.00
LX4 EAS	audio switch	Mfr. List \$495.00

Call For BSW Prices

**GORMAN-REDLICH**



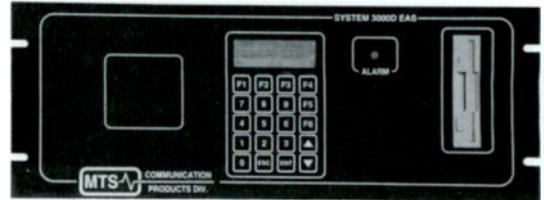
**EAS1 - EAS Encoder/Decoder System**

Gorman-Redlich, known to radio stations for years for providing cost-effective, easy to use EBS equipment, continues their tradition with the affordable EAS1 EAS system. Features: 4 audio inputs on standard models (expandable to 6); all audio inputs and outputs are transformer isolated from the encoder/decoder board; selectable manual or automatic modes; automatic interruption of stereo program lines when pre-selected header code is received (in automatic mode) for insertion if alert message on transmitter; 2 minutes of digital audio storage, expandable to 4.5 minutes; 5 programmable relays to supply contact closures for automation or other signal equipment; 25 pin parallel printer port for external printer to keep EAS log; an auxiliary output via BNC fitting for direct feed to an FM exciter; alert is displayed on a 4-line, 40 character backlit LCD display for rapid interpretation of alert message; alert messages can be scrolled on a remote sign board, a computer screen, or with a character generator on a video monitor.

EAS1	encoder/decoder	Mfr. List \$1,750.00
Pre Programming Fee		Mfr. List \$50.00
CRW	weather receiver	Mfr. List \$295.00

Call For BSW Prices

**MTS**



**3000D - EAS Encoder/Decoder System**

A complete EAS solution in a single 7" high rack mount box. Features: three frequency agile internal receivers for AM, FM and national weather service; five EAS inputs (three receivers, one audio and one RS232/EAS); built-in digital audio recorder and player (15 kHz bandwidth and hours of storage time); internal speaker; multilingual voice-prompted user interface trains operators with each activation and can repeat standard EAS messages in any spoken language; operate from front panel keyboard or PC keyboard; monitor via front panel display or external video monitor; standard parallel printer port (supply your own printer); internal log records all EAS events for the past year; unlimited user-programmable event and location codes; 8 control inputs/8 status outputs; 4 user programmable relays; program audio loop-thru; multiple station operation built in.

3000D encoder/decoder Mfr. List \$3,500.00 Call For BSW Price

**TFT**



**EAS911 - EAS Encoder/Decoder System**

With over 20 years of emergency broadcast experience and 4 years of development and testing with the FCC, TFT has developed a comprehensive, yet intuitive and easy to use EAS system—the EAS911. This modular system can be configured to fit a wide variety of applications. Features: sequentially lighted keys guide operators through EAS tests or alerts with ease; all programming, tests and entry are performed on front panel buttons (no external programming device required); help key provides operational and program assistance; practice key allows off-line operator training; available with up to 10 audio inputs (EAS911 base unit includes 2); optional plain paper printer and built-in digital recorder available; control from multiple locations (up to 16) with optional remote control status modules via twisted pair wiring up to 5000 feet away. Options: EAS930A multi-module receiver comes standard with 3 receivers (AM, FM, or NOAA Weather) with space for a fourth module; EAS941A remote control status module that duplicates major system functions; EAS940A program/transmitter interrupt unit that automatically interrupts program audio and inserts EAS audio for unattended operation applications.

EAS911	encoder/decoder	Mfr. List \$1,695.00
EAS9114 911R 4	w/printer/dig. recorder	Mfr. List \$2,195.00
EAS930A	receiver module	Mfr. List \$1,420.00
EAS941A	remote module	Mfr. List \$495.00
EAS940A	program interrupt unit	Mfr. List \$459.00

Call For BSW Prices

## 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. Mini plug with 1/4" adapter.

K240M Mfr. List \$133.00 Call For BSW Price

## AUDIO TECHNICA



### ATHD40/ATHM40

These headphones offer bulletproof durability in a sealed-ear format. Ear pads rotate 180° to permit one-ear monitoring. ATH-M40 has a flat frequency response from 5 Hz to 28 kHz. ATH-D40 features enhanced bass (boost from 20 to 500 Hz). Both headphones can be driven LOUD. 1/4" TRS connector.

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

## BEYER



### DT770PRO

Super wide frequency response, excellent isolation and maximum comfort with "Bass reflex" technology for improved bass response. 5 Hz - 35 kHz frequency response. 600Ω nominal impedance. Mini plug with 1/4" adapter.

DT770PRO Mfr. List \$159.00 Call For BSW Price

## BEYER



### DT311

These lightweight, open-ear headphones offer reliable construction and fantastic sound. Frequency response is 20 Hz to 20 kHz. Impedance is 40Ω. Mini plug with 1/4" adapter.

DT311 Mfr. List \$79.00 Call For BSW Price

## FOSTEX



### T20RP

The Fostex T20RP headphones can handle high SPL without distortion. They offer sturdy construction with soft, comfortable fit in a semi-closed format. Removable cable is easily replaced. Frequency response 50 Hz to 30,000 Hz. 1/4" TRS connector.

T20RP Mfr. List \$119.00 Call For BSW Price

## KOSS



### 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. 1/4" TRS connector.

PRO4AA Mfr. List \$99.99 Call For BSW Price

### KOSS



#### TD60

This lightweight, sealed ear stereophone delivers great sound, provides good isolation to help prevent feedback, and is very affordable. Frequency response 18 to 20,000 Hz. 1/4"/mini plug adaptable connector.

TD60 Mfr. List \$19.99 Call For BSW Price

### SENNHEISER



#### HD414P

The professional version of radio's most popular open-ear headphone with heavy duty Kevlar cable and hardwired 1/4" plug. Frequency response 20 to 25,000 Hz. 600Ω impedance.

HD414P Mfr. List \$99.95 Call For BSW Price



#### HD25SP

The HD25SP offers a lightweight and comfortable alternative for listeners who spend a great deal of time wearing headphones and need maximum isolation. They are extremely rugged with low impedance, high sensitivity drivers for unparalleled efficiency. All parts are field replaceable. Frequency response 16 Hz to 22 kHz. Mini plug connector with 1/4" adapter.

HD25SP Mfr. List \$129.00 Call For BSW Price

### SONY



7506



7504



7502

#### 7506 / 7504 / 7502

The 7506 delivers a surprisingly wide frequency range (5 to 30,000 Hz usable) in a comfortable, sealed ear format providing maximum isolation from external sound. Collapsible for storage. Mini plug connector with 1/4" adapter.

The 7504 is lightweight and comfortable with a closed ear format. Collapses for easy storage. Frequency response is 50 Hz to 18 kHz. Mini plug connector with 1/4" adapter.

7502 is an economy headphone with surprising sound. Closed ear format. Frequency response is 60 Hz to 18 kHz. Mini plug connector with 1/4" adapter.

7506	Mfr. List \$170.00
7504	Mfr. List \$128.00
7502	Mfr. List \$74.00

Call For BSW Prices

### STANTON



#### 101HB - Cueing 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. 1/4" connector.

101HB	Mfr. List \$92.00	Call For BSW Price
-------	-------------------	--------------------

## BEYER



### DT290 - Headset

Low profile, lightweight design is very comfortable for long term operation. It also offers excellent isolation from ambient noise. List price shown is for model with dynamic mic element. Includes cable terminating in a 1/4" connector for headphones and XLR connector for mic.

DT290 Mfr. List \$309.00 Call For BSW Price



### DT190/DT180 - Headset

The DT190 combines Beyer's best sounding hypercardioid mic element and studio quality headphone elements in the classic Beyer headset design. DT180 is a single ear version. Includes cable terminating in a 1/4" connector for headphones and XLR connector for mic.

DT190 Mfr. List \$429.00 Call For BSW Price  
DT180 Mfr. List \$359.00 Call For BSW Price

## SENNHEISER



### HMD25-1 - Headset

A very lightweight, durable headset that is comfortable and provides excellent isolation from crowd noise with acoustically dampend, sealed ear cups. Includes a supercardioid, noise-cancelling dynamic mic with frequency response of 50-12,000 Hz. Cable is unterminated with tined leads.

HMD25-1 Mfr. List \$450.00 Call For BSW Price

## CROWN



### CM311HS/CM312HS - Condenser Boom Microphones

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

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

## SHURE



### SM2 - Headset

The Shure SM2 provides maximum comfort, durability and high quality sound reproduction. Headphone frequency response, 100 Hz to 8,000 Hz; mic response 50 Hz to 15,000 Hz. Cable detaches from headset and ships unterminated at the other end.

SM2 Mfr. List \$277.00 Call For BSW Price

## TELEX



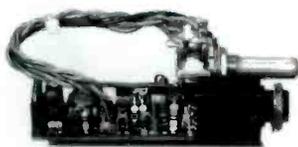
### V220 - Headset

This unique headset offers audiophile quality and flexible configurations using modular cord sets and microphones. Construction is super-rugged and comfortable. The earphone section is studio quality and features a unique adjustment for more or less isolation. Since this set is modular, be sure to order the headphone, mic, and cable set you require.

V220 double sided headphone w/boom Mfr. List \$165.00  
MB11 supercardioid dynamic mic element Mfr. List \$49.00  
MB12 supercardioid electret mic element Mfr. List \$49.00  
CA10 cable (XLR and 1/4" for electret) Mfr. List \$150.00  
CA11 cable (XLR and 1/4" for dynamic) Mfr. List \$110.00

Call For BSW Prices

### BENCHMARK



#### HPA1 - Headphone Amplifier

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

HPA1 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.

PH-5 Mfr. List \$199.00 Call For BSW Price

### FURMAN



#### HA-6A - Headphone/Monitor Amp

Power up to 6 pairs of headphones with a very generous 20 watts per channel. It can also power one or two sets of small monitor speakers, often saving the cost of an additional power amp. The front panel provides six stereo headphone jacks with independent volume controls and two speaker switches.

HA-6A Mfr. List \$419.00 Call For BSW Price

### OZ AUDIO



#### HM6 Q-MIX - Headphone Matrix Amp

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

HM6 Mfr. List \$299.00 Call For BSW Price

### RANE



#### HC6 - Headphone Amplifier

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

HC6 Mfr. List \$479.00 Call For BSW Price

### ROLLS



#### RA62HA - Headphone Amplifier

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

RA62HA Mfr. List \$228.00 Call For BSW Price



#### HA43 - Compact Headphone Amplifier

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

HA43 Mfr. List \$100.00 Call For BSW Price

### SYMETRIX



#### SX204 - Headphone Amplifier

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

SX204 Mfr. List \$319.00 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.

124A Mfr. List \$229.00 Call For BSW Price

### ATI



#### DP100/MM100 - 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.

DP100 Mfr. List \$279.00 Call For BSW Price  
MM100 Mfr. List \$299.00 Call For BSW Price



#### NANOAMP - Interface Amplifiers

High quality, ultra compact (1/3 rack width) interface amplifiers to match any application. The BI100 is a stereo, bi-directional Pro/consumer interface unit. BU400 is a four channel unit - all balanced to unbalanced. UB400 is a four channel unit converting 4 unbalanced inputs to balanced outs. (RCA and XLR connectors on above units). L200 is a dual line attenuator/impedance convertor/signal splitter/summing amp. all units require separate power supply (WA100-1).

BI100	stereo, bi-directional	Mfr. List \$225.00
BU400	4-chnl. bal. to unbal.	Mfr. List \$210.00
UB400	4-chnl. unbal. to bal.	Mfr. List \$230.00
L200XLR	dual line/buffer amp.	Mfr. List \$215.00
WA100-1	power supply	Mfr. List \$13.00

Call For BSW Prices

### DBX



#### 1024 - Buffer Amplifier

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

1024 Mfr. List \$239.00 Call For BSW Price

### ESE



#### ES-244 - Audio Level Interface

This stereo, bidirectional coupling unit either meets or beats the specs of other units of the same type. It provides a simple, cost-effective means of connecting equipment with unbalanced, -10 dBV inputs/outputs to equipment with balanced, +4 or +8 dBm inputs/outputs. Perfect for connecting consumer CD players and cassette decks to professional consoles etc. XLR and RCA type I/O.

ES244	Mfr. List \$185.00	Call For BSW Price
ES244P rack mount	Mfr. List \$50.00	Call For BSW Price

### EBTECH



#### LLS/LLS8 - Line Level Shifter

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

LLS	Mfr. List \$84.95	Call For BSW Price
LLS-8	Mfr. List \$339.95	Call For BSW Price

### HENRY ENGINEERING



#### MATCHBOXII / TWINMATCH - Interface Amplifiers

MatchboxII is an ideal, and 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. XLR and RCA I/O connectors.

Twinmatch is like the MatchboxII, but provides two stereo channels in one direction for playback of two consumer level units such as CD players. XLR and RCA I/O connectors.

MATCHBOXII	Mfr. List \$195.00	Call For BSW Price
TWINMATCH	Mfr. List \$195.00	Call For BSW Price

### RDL



#### RU-LA2D/RU-BLA2 - Interface Amplifiers

These compact units offers outstanding audio performance and flexibility. The RU-LA2D is a bidirectional impedance matching device for conversion from +4 balanced to -10 unbalanced equipment and vice versa with XLR, RCA and barrier block connections. The RU-BLA2 is designed to drive and/or buffer balanced audio lines. Discrete dual channels with XLR I/O

RULA2D IHF/pro interface Mfr. List \$239.00 Call For BSW Price  
 RUBLA2 line driver/buffer Mfr. List \$211.00 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.

CD100X Mfr. List \$99.00 Call For BSW Price

### VALLEY AUDIO



#### 491 HH2X2C - Interface Amplifier

Interfaces consumer (-10 dBv) equipment to professional +4 or +8 dBu equipment. Two channel bidirectional unit with RCA unbalanced and XLR balanced connectors. Options: 496 rack kit allows two HH2x2C units to be racked side by side in a single rack space.

491 HH2X2C interface amp Mfr. List \$299.00 Call For BSW Price  
 496 rack mount kit (2-units) Mfr. List \$34.99 Call For BSW Price

### ZERCOM

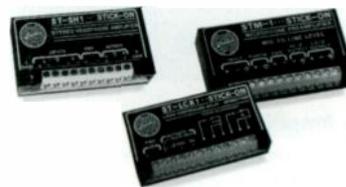


#### GAIN BOX - Gain Amplifier

Two independent channels of gain boost (0-30 dB range) with barrier strip inputs and outputs that can be run balanced or unbalanced. Use for level/impedance matching, gain boosting, even audio distribution. Includes mounting flanges and screwdriver adjust gain controls.

GAINBOX Mfr. List \$179.00 Call For BSW Price

### RDL



#### STICK-ON SERIES - Interface Devices

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

Model	Description	Mfr. List
STA1	Electronic Transformer, Dual Channel	\$122.00
STA1M	Audio Line Amp (mono)	\$90.00
STSH1	Stereo Headphone Amplifier	\$103.00
STPA2	2 Watt Utility Power Amplifier	\$58.00
STPA6	6 Watt Audio Power Amplifier	\$79.00
STMX3	Line Level Mixer	\$103.00
STMMX3	Mic To Line Level Mixer	\$113.00
STMLX3	Mic/Line To Line Level Mixer	\$108.00
STMXL3	Line To Mic Mixer	\$108.00
STDA3	Distribution Amplifier, Mono	\$103.00
STMDA3	Mic-Level Distribution Amplifier	\$113.00
STM1	Microphone Preamp, Fixed gain	\$86.00
STM2	Mic Preamp W/Low Noise, Variable gain	\$119.00
STM2X	Microphone Preamp, Switchable	\$134.00
STM3	Microphone Preamp, High gain	\$136.00
STMPA2	Mic Phantom Adapter	\$75.00
STAMC3	Active Mic Combiner	\$103.00
STPH1	Stereo Phono Preamp	\$113.00
STVCA1	Voltage Controlled Amplifier	\$102.00
STRG1	Ramp Generator	\$93.00
STVP1	Voice-Over/Page Module	\$113.00
STEQ3	3 Band Equalizer	\$80.00
STCL1	Compressor/Limiter	\$125.00
STGCA1	Gain Control Amplifiers	\$107.00
STGCA2	Fast Gain Control Amplifiers	\$107.00
STLCR1	Logic Controlled Relay (momentary pulse)	\$63.00
STLCR2	Logic Ctrl. Relay (alternate action)	\$93.00
STACR1	Audio Ctrl. Relay (.5-5.0 sec. release-line in)	\$81.00
STACR1M	Audio Ctrl. Relay (.5-5.0 sec. release-mic in)	\$81.00
STACR2	Audio Ctrl. Relay (5-50 sec. release-line in)	\$81.00
STVOX1	Audio Ctrl. VOX Relay	\$86.00
STSSR1	Solid State Audio Relay	\$88.00
STSX4	4 Input Audio Switcher	\$86.00
STOSC2A	Oscillator (1 kHz/10 kHz)	\$88.00
STOSC2B	Oscillator (100 Hz/400 Hz)	\$88.00
STNG1	White & Pink Noise Generator	\$108.00
STCX1S	Subwoofer Crossover (22 Hz-80 Hz)	\$102.00
STCX1W	Woofer Crossover (40 Hz-165 Hz)	\$102.00
STCX1F	Full Range Crossover (100 Hz-30 kHz)	\$102.00
STTC1	Telephone System Coupler	\$86.00
STD150	Divider/Combiner (150 ohm)	\$44.00
STD600	Divider/Combiner (600 ohm)	\$44.00
STD10K	Divider/Combiner (10K ohm)	\$44.00
STP1	Variable Attenuator (2-channel)	\$50.00
PS24A	24 volt Power Supply For All Active Units*	\$15.00

\*Power supplies must be ordered separately

# GOOD THINGS REALLY DO COME IN SMALL PACKAGES!



Actual Size

Audio professionals around the globe have come to depend on the quality, diversity, and excellent craftsmanship of RDL products. Choose the right solution from the finest selection of foundational products for problem solving and system design.

## Stick-On Series

This ingenious group of products is so practical and affordable you'll wonder how you've ever done without them. Over 50 "Stick-On" Series products are available. Choose from power amplifiers, audio DA's, mic preamps, compressor/ limiters, equalizers, line amplifiers, and much, much, more. Each unit is only 3" x 2" and has adhesive to mount Stick-On's anywhere they are required. Optional rack mount allows 15 Stick-Ons to be mounted in a single rack space.

## Rack-Up Series

Rack-Ups feature the advanced circuitry for which RDL products are known, combined with accessible user-friendly controls and displays. The ultra-compact design permits high density installations with three products mounted in a single rack unit.

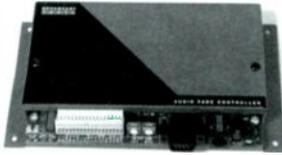
## TX Series

TX Series transformer products are ideal for a variety of applications such as music on hold amplifiers, bridging input transformers, adjustable line transformers and more! Small size 1.2" x 3.0" x 1.4" allows TX Series to be mounted right where the need is.

A wide variety of mounting and control accessories help make RDL products among the most flexible and favorable to audio professionals worldwide.

BSW is a stocking dealer for all Radio Design Labs Products. Call for complete information and great pricing!

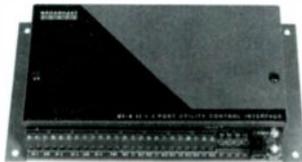
### BROADCAST TOOLS



#### AFC - Audio Fade Controller

Add professional audio quality fade control to any audio source with the AFC. Features: two ranges of fade speed; on/off and preset dimming (-6 dB) via TTL/CMOS compatible control inputs; equipped with a 15 node addressable RS-232 serial port allowing full control of level and fade rate; balanced stereo outputs; accepts any balanced stereo input with levels from -15 to +10 dBv.

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



#### UI-411 - Universal Interface

Facilitates interfacing transmitters, audio/video equipment or any piece of equipment with differing logic levels and functions. Features: four optically isolated/bridged 5-28 volt ac or dc inputs that operate four SPDT relays with LED indicators; operate independently or paired for latched or momentary outputs; momentary or continuous inputs; onboard DIP switches allow 2 dozen configuration combinations; compatible with TTL/CMOS logic levels, open collectors, contact closures or any voltage between 5 and 28 vdc/vac; can monitor telephone ring voltage; requires 12 to 18 vac or 14 to 28 vdc power (12 vac transformer supplied); I/O connections via wire captive terminals; supplied in a compact, flanged aluminum case with mounting holes. Options: RM-2 19" rack adapter (holds 2 units).

**UI411** Mfr. List \$139.00 Call For BSW Price

### HENRY ENGINEERING

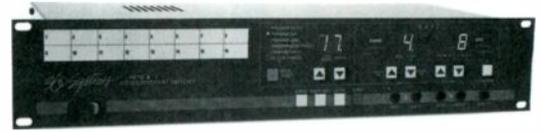


#### SUPERRELAY - Utility Control Interface

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

**SUPERRELAY** 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. Features: several slave units may operate in parallel to provide more than sixteen simultaneous inputs for 16 x16 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 preset locations; all inputs and outputs are electronically balanced via large multi-pin connectors.

**AM16B** Mfr. List \$1,495.00 Call For BSW Price

### BROADCAST TOOLS



#### CCIIA - Console Controller

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

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



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

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

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

## BROADCAST TOOLS



### 8X2A/3X2 - Active Dual Stereo Audio Switchers

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

8X2A	Mfr. List \$629.00	Call For BSW Price
3X2	Mfr. List \$399.00	Call For BSW Price



### 6X1B - Passive Stereo Routing Switcher

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

Also available are the 10X1 and 2X1 passive stereo switchers. Call for detailed information.

6X1B	Mfr. List \$399.00	Call For BSW Price
10X1	Mfr. List \$529.00	Call For BSW Price
2X1	Mfr. List \$139.00	Call For BSW Price



### ICM-16 - Studio Intercom System

System provides connectivity for up to 16 studios using off-the-shelf RJ-45 modular network cable. Systems consist of one or two main controllers that support multiple studio station units. Each studio station consists of a 20 button keypad providing send, receive and mute control. Power to each station is provided by the controller(s). All balanced send and receive talkback audio is switched with high quality analog switch arrays and each station is supported by two CMOS eight bit microprocessors. Station hardware is available in a desktop case, rackmount unit, or user-mountable keypad kits.

16 Station System Under \$4,000.00 Mfr. List Call For BSW Pricing

## BURK TECHNOLOGY



### LX1 - Stereo Selector

Features: 1x6 stereo source selector with "soft" switching (no pops or clicks); MIX mode allows multiple sources to be on the air with properly maintained levels; LOOP mode provides a send and return for an outboard audio processor or recorder; the READY control locks and unlocks all functions to protect against accidental change of patch configuration; can be controlled from front panel, studio, or remote control; start automation or tape with machine-follow outputs; matches IHF or PRO inputs; excellent audio specs; 12 segment, multicolored LED program level meters; all connections via plug-in screw type connectors.

LX1	Mfr. List \$1,295.00	Call For BSW Price
-----	----------------------	--------------------

## CONEX



### UM33 - Cue And Monitor Amplifier/Switcher

An easy, inexpensive and compact method for handling a variety of common monitoring, cueing, amplifying and switching situations in any audio installation. Features: 8 balanced bridging inputs; balance stereo outputs; built-in stereo monitor amplifier drives external speakers or built-in 3" cue speakers; stereo LED VU meters with front panel calibration; front panel insertion jack to main stereo bus; front panel headphone jack; front panel speaker switch, built-in 3 frequency oscillator.

UM33	Mfr. List \$641.00	Call For BSW Price
------	--------------------	--------------------



### AS101 - Audio Routing Switcher

Silent, active switching for studio routing and monitoring applications: Features: 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 optional remote control; several remote controls may be connected in parallel, and all will indicate the selected channel.

AS101	10 x 1 stereo switch	Mfr. List \$962.00	Call For BSW Price
AS401	Remote Control	Mfr. List \$161.00	Call For BSW Price

### HENRY ENGINEERING



#### STEREO SWITCH - Stereo Switcher

StereoSwitch is 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.

STEREOSWITCH      Mfr List \$250.00      Call For BSW Price

### LOGITEK



#### PRE-6/PRE-10 - Passive Audio Switchers

The PRE-6 provides reliable, economical audio switching in a compact desktop chassis that fits just about anywhere. Use it for console input expansion, source selection for the newsroom, a simple way to patch in test equipment and more. PRE-6 Features: reliable 6 x 1 passive switching; buttons highlight when depressed; label strip for easy input identification; enclosed, protected terminal block; may also be used as a 1-in/6-out distribution switcher; wire capturing terminal block connectors.

PRE-10 shares the same basic features as the PRE-6, but is configured in a single space rack mount chassis in which any of 10 inputs can be fed to either of 2 outputs. Available in mono or stereo configurations.

PRE6	6 x 1 desktop switcher	Mfr List \$110.00
PRE10M	mono 10 x 2 rack mount switcher	Mfr List \$515.00
PRE10S	stereo 10 x 2 rack mount switcher	Mfr List \$560.00



#### MON-10 - Multisource Meter/Monitor

This very handy unit not only feeds any of 10 stereo inputs to a single stereo output, it allows you to meter and monitor any selected source. Features: built-in 6 watt power amp with front panel speaker (fed a mono sum of A+B); front panel headphone jack; multirange meter with input selection for "A" channel, "B" channel, "A+B", or "A-B"; designation strip; self-indicating buttons; all connections via wire captive terminal blocks.

MON-10      Mfr List \$855.00      Call For BSW Price

### RDL



#### RU-SX4 - Audio Switcher

A very compact audio switcher for either local, or remote control. Features: 4 line level bridging inputs to a single line level output; inputs and outputs can be wired balanced or unbalanced; individual multi-turn trimmers on front panel for each input; audio switching is solid state for optimum reliability and long-term, noise-free performance; multiple switching control points; switcher powers up in the "off" position (no audio input selected); the desired audio source is selected by a single pushbutton on the front panel, with remote pushbutton terminals available on the rear panel; each time the button is pushed the RU-SX4 advances to the next audio source; can be set to bypass unused inputs during source selection; a 1/2 second audio on delay prevents annoying bursts of audio while stepping through audio inputs; each selected source provides an open-collector output on the rear panel for remote source indication; front panel LED indicators show selected source. See page 74 for Stick-On™ Series switcher.

RUSX4      Mfr. List \$212.00      Call For BSW Price

### WHEATSTONE



#### 822A - Stereo Source Selector

8 stereo inputs feed two 8-switch banks in this single rack space, passive source selector. Each switch bank has its own stereo output. Removable designation strips are provided to label switches as you wish.

822A      Mfr. List \$559.00      Call For BSW Price

### ZERCOM



#### PATCH SWITCH - Audio Switcher

From simple to elaborate, the Zercom PS2 Patch Switch allows you to configure convenient patch systems to handle all your control room routing needs. Multiple units can be bussed together providing front panel access to an unlimited number of input sources. Additional features include Stereo or Mono selection, phase reversal, signal summing and a PC board that's set up for easy installation of audio pads. Switches are rated for over 1 million operations and Patch Switch carries a two year warranty.

PATCHSWITCH      Mfr. List \$379.00      Call For BSW Price

## ADC



### PRO PATCH PULL-OUT SERIES - Patchbays

These pull-out versions of the popular ProPatch™ audio patch panel are designed for truck or studio applications where front access to terminations is needed. **Features:** rear panel design eliminates the need for rear access by sliding the jacks and terminations forward out of the rack, providing access to the QCP (quick connect punchdown) terminations mounted on the bottom of the tray; terminate up to 96 circuits in one rack space. **Options:** QCP or EDAC connectors; bantam or longframe models; normals brought out; normalled strapped at jacks; half-normalled; stub end umbilical configurations.

Call BSW For Price And Configuration



### PRO PATCH MARK II - Patchbays

Widely used in a number of pro audio industries, this very popular patchbay series offers absolute bulletproof performance. **Features:** 48 TRS Longframe jack points; available in 1 and 2 rack-height versions; fully enclosed Pro Patch chassis protects all the internal patchbay wiring; cable support bar helps take strain off connections; wire fanning strips help organize cables; designation strip system with replaceable cards; front panel and rear panels remove easily for service without removing the unit from the rack; includes 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 MARK II SERIES - Patchbays

The best features of the ProPatch™ Series are incorporated into the BJF Mark II Series of patchbays. **Features:** front and back panels are separated with a cable harness in between; standard cable harness length is 4' but any custom length can be ordered.

Call BSW For Price And Configuration



### PJ390 - Jack Panel

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

PJ390 Mfr. List \$201.00 Call For BSW Price

## ADC



### P-KIT SERIES - Patch Kits

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

P-KIT1 1RU	panel/long frame jacks 2x24	Mfr. List \$229.00
P-KIT1A 1RU	panel/long frame jacks 2x26	Mfr. List \$249.00
P-KIT3 2RU	panel/long frame jacks 2x24	Mfr. List \$229.00
P-KIT3A 2RU	panel/long frame jacks 2x26	Mfr. List \$249.00
P-KITB 1RU	panel/bantam jacks 2x48	Mfr. List \$305.00
P-KITB1 2RU	panel/bantam jacks 2x48	Mfr. List \$305.00

Call For BSW Prices



Long Frame 1/4"



Bantam

### PRO PATCH CORDS

ADC Pro Patch Cords are highly flexible, drape neatly, and won't kink. The plug is molded directly onto the patchcord offering outstanding strain relief. Plugs are nickel plated offering corrosion protection and quiet contact. Four colors available.

### LONG FRAME PATCH CORDS

Single Plug	1'	2'	3'
Red	R1	R2	R3
Green	G1	G2	G3
Blue	B1	B2	B3
Black	BK1	BK2	BK3
List Price	\$21.00 ea.	\$22.00 ea.	\$23.00 ea.

### BANTAM PATCH CORDS

Single Plug	1'	2'	3'
Red	R1B	R2B	R3B
Green	G1B	G2B	G3B
Blue	B1B	B2B	B3B
Black	BK1B	BK2B	BK3B
List Price	\$17.00 ea.	\$18.00 ea.	\$18.50 ea.

Call For BSW Prices And The Complete Selection Of ADC Patchcords

### DBX



#### PB48 - Patchbay

A flexible patchbay in a single rack space chassis. **Features:** 48 1/4" TRS connections (front and back panels); 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.

PB48 Mfr. List \$179.00 Call For BSW Price

### FURMAN



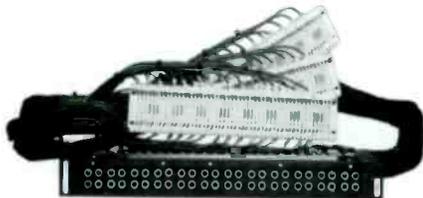
#### PB40 SERIES - Patch Bays

These sturdy, heavy gauge steel patch bays feature 40 patch points with either mono 1/4", 1/4" TRS or RCA jacks. **Features:** modular construction (20 circuit boards with 4 jacks mounted on each board) that makes it easy to reconfigure the panel with the types of jacks required for a given application by swapping out different boards; circuit boards are supplied with a "normaling" jumper, which means that the source feeding the top rear jack is normally connected to the corresponding bottom rear jack until a patch cord is inserted to reroute the circuit. Normals can be defeated by cutting the appropriate jumpers. **Options:** 30" patch cables (sets of 10 only) in RCA/RCA, 1/4"/1/4" or TRS/TRS configurations.

PB-40P	1/4" mono front and rear	Mfr. List \$165.00
PB-40R	rear jacks RCA/front 1/4"	Mfr. List \$155.00
PB-40RR	RCA jacks front and rear	Mfr. List \$155.00
PB-40H	rear half 1/4" half RCA, front 1/4"	Mfr. List \$165.00
PB-40T	1/4" TRS (balanced) front and back	Mfr. List \$180.00
PATCHP	1/4" to 1/4" patch cord set (10)	Mfr. List \$18.00
PATCHR	RCA to RCA patch cord set (10)	Mfr. List \$18.00
PATCHT	TRS to TRS patch cord set (10)	Mfr. List \$22.00

Call For BSW Prices

### GENTNER



#### VERSAPATCH / PRE-WIRED SERIES - Patch Systems

**Features:** 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; available as chassis-enclosed audio patch panels with the terminations mounted on the rear panel that eliminates guesswork on bundle length and provides protection against RFI and dust. Offset jack spacing for stereo patching.

Call For Pricing And Configurations

### MIDDLE ATLANTIC



#### UCP-CH - Interface System

Create your own custom interface/patch panels with the UCP-CH Chassis and UCP modules. **Features:** chassis is 2RU high and 9" deep and holds 5 single width modules on front and rear; choose from a wide variety of modules with pre-machined cutouts for connectors including XLR, RCA, 1/4", multi-pin Elco, Amp, Neutrik Speakon, MIDI, DB style, BNC and more (modules sold separately); removable top and bottom.

UCPCH UCP chassis	Mfr. List \$62.50	Call For BSW Price
All Single Width UCP Modules	Mfr. List \$11.00	Call For BSW Price



#### CLAW - Cable Hanger

**Features:** handy storage of patch cables and test leads; side trays hold loose items; unique dual size claw holds large and small cables; 16"W x 3.5"D.

CLAW	Mfr. List \$14.00	Call For BSW Price
------	-------------------	--------------------

### TASCAM



#### PB32 SERIES - Patch Bays

**Features:** "normalled" connections for increased patching convenience; two rows of 16 jacks available in 1/4" mono, RCA, 1/4"/RCA combinations and Tip-Ring-Sleeve (TRS) connection points; two-circuit (4-jacks) modules can be reversed for configuration changes. **Options:** 17" patch cords with 1/4"/RCA or TRS connectors.

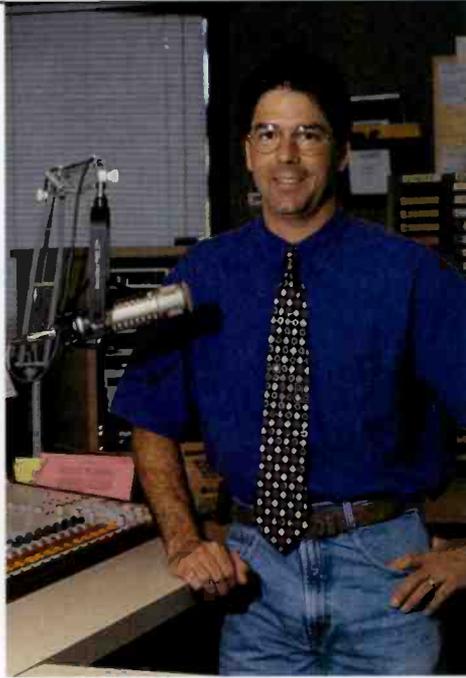
PB-32P	1/4" mono front and rear	Mfr. List \$185.00
PB-32R	RCA jacks front and rear	Mfr. List \$185.00
PB-32B	1/4" TRS (balanced) front and back	Mfr. List \$185.00
PB-32H	front jacks 1/4"/rear jacks RCA	Mfr. List \$210.00
PB-32W	12 1/4" and 20 RCA circuits	Mfr. List \$185.00
CU/PC245	1/4" to 1/4" patch cords (set of 8)	Mfr. List \$20.00
CU/PC145	RCA to RCA patch cords (set of 8)	Mfr. List \$15.00
CU/PC945	TRS to TRS patch cords (set of 8)	Mfr. List \$27.50

Call For BSW Prices



**Lindy Williams**  
V.P. Engineering  
Lotus Communications  
Los Angeles, California

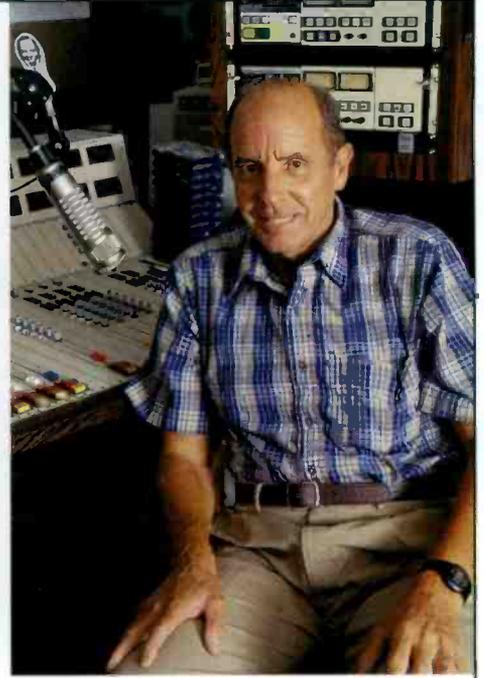
"We've replaced some 'very expensive' condenser microphones with the RE27N/D ...now the GM wants the guest mic replaced, as well as the production studio and the newsroom microphones. You're blowing my engineering budget!"



**Steve Lariviere**  
Chief Engineer  
WSNE

East Providence, Rhode Island

"We replaced six expensive German condenser microphones in favor of the RE27N/D. What a great sound!"



**Marv Collins**  
Chief Engineer  
KFI-KOST-KACE  
Los Angeles, California

"The RE27N/D has the fullness of a ribbon with the punch of a shotgun condenser microphone. The pattern is very good, giving good backside rejection of noise. Congratulations on building such a fine microphone."

# RE27N/D

## Studio Dynamic Microphone

### The new broadcast standard.



**ElectroVoice®**

Electro-Voice, Inc. a Mark IV company  
600 Cecil Street · Buchanan, MI 49107

### STUDIO MICROPHONES

#### AKG

##### C414BULS - Condenser Mic

Type: large diaphragm electret condenser; Pickup Pattern(s): cardioid, hypercardioid, omnidirectional and figure-8; Features: low self-noise; high overload point; 126 dB dynamic range; switchable 10 & 20 dB attenuation; frequency range 20-20,000 Hz; requires phantom power; includes stand adapter and windscreens; Optional Accessories: GS-5 windscreens.

C414BULS Mfr. List \$1,249.00 Call For BSW Price



#### AKG

##### C3000 - Condenser Mic

Type: large diaphragm electret condenser. Pickup Pattern(s): cardioid and hypercardioid Features: bass roll off switch; 10 dB pad; internal elastic spider suspension; integrated windscreens; Optional Accessories: GS-5 windscreens.

C3000 Mfr. List \$838.00 Call For BSW Price



#### BEYER

##### MC834 - Condenser Mic

Type: large diaphragm electret condenser Pickup Pattern: cardioid Features: wide range; flat frequency response; exceptional signal to noise; high SPL capability; 10 & 20dB pads; transformerless output; 3 position low frequency roll-off; includes stand clamp. Optional Accessories: EA 834 elastic suspension mount; GS-5 windscreens.

MC834 Mfr. List \$999.00 Call For BSW Price



#### ELECTRO-VOICE

##### RE27N/D - Dynamic Cardioid Mic

Type: dynamic Pickup Pattern: cardioid Features: neodymium alloy magnet provides sensitivity, output and clarity that rivals expensive studio condensers; very consistent response no matter the distance from the mic; excellent off-axis rejection; includes stand clamp Optional Accessories: 309A spider shockmount; WS1 windscreens.

RE27N/D Mfr. List \$744.00 Call For BSW Price



#### NEUMANN

##### TLM193 - Multi-pattern Condenser Mic

Type: large diaphragm, double membrane condenser Pickup Pattern: cardioid Features: ultra-low self noise; high SPL capability; 130 dB dynamic range; 20 Hz - 20 kHz response Optional Accessories: EA193 spider shockmount; WS89 windscreens.

TLM193 Mfr. List \$1,495.00 Call For BSW Price



#### AUDIO TECHNICA

##### AT4050/CMS - Condenser Mic

Type: large-diaphragm condenser Pickup Pattern(s): cardioid, omnidirectional and figure-eight Features: consistent, true-to-life sound in all polar patterns; spider shock mount and protective case included Optional Accessories: GS-5 windscreens.

AT4050CMS Mfr. List \$995.00 Call For BSW Price



#### AUDIO TECHNICA

##### AT4033/SM - Condenser Mic

Type: large-diaphragm condenser Pickup Pattern: cardioid Features: dynamic range and sensitivity of high-end studio mics; switchable hi-pass filter; internal windscreens; includes spider shock mount. Optional Accessories: GS-5 windscreens.

AT4033SM Mfr. List \$725.00 Call For BSW Price



#### ELECTRO-VOICE

##### RE1000 - Studio Condenser Mic

Type: large-diaphragm condenser Pickup Pattern: cardioid Features: extremely high sensitivity; low self-noise; wide dynamic range; low frequency roll-off switch; Includes stand clamp and protective case. Optional Accessories: 325 spider shock mount; GS-5 windscreens.

RE1000 Mfr. List \$774.00 Call For BSW Price



#### ELECTRO-VOICE

##### RE20 - Dynamic Cardioid Mic

Type: dynamic Pickup Pattern: cardioid Features: very consistent response no matter the distance from the mic; excellent off-axis rejection; frequency response 45 Hz to 18,000 Hz; includes stand clamp Optional Accessories: 309A spider shockmount; WS1 windscreens.

RE20 Mfr. List \$655.00 Call For BSW Price



#### NEUMANN

##### U87AI - Multi-pattern Condenser Mic

Type: large-diaphragm condenser Pickup Pattern: cardioid, omnidirectional and figure-eight Features: exceptional warmth and clarity; 115 dB dynamic range; 20 to 20,000 Hz frequency range Optional Accessories: spider shockmount (option Z); WS87 windscreens.

U87AI Mfr. List \$2,725.00 Call For BSW Price



## STUDIO MICROPHONES

### NEUMANN

#### TLM170R - Multi-pattern Condenser Mic

Type: large-diaphragm condenser Pickup Pattern: Omni, wide cardioid, cardioid, hypercardioid and figure-8 (remote controllable) Features: extremely high SPL handling; dynamic range of 126 dB; includes a tiltable, elastic suspension mount Optional Accessories: WS89 windscreens; N48R-2 pattern controller with phantom power.

TLM170R Mfr. List \$2,725.00

Call For BSW Price



### RØDE

#### NT2 - Condenser Mic

Type: large diaphragm condenser Pickup Pattern(s): omni and cardioid; Features: gold plated diaphragm membranes; high pass filter; -10dB pad; frequency response 20 to 20,000 Hz. Optional Accessories: SM1 shock mount, windscreens; aluminum flight case.

NT2 Mfr. List \$749.00

Call For BSW Price



### SENNHEISER

#### MD421II - Dynamic Cardioid Mic

Type: dynamic Pickup Pattern: cardioid Features: very rugged construction; 5-position bass roll-off switch; Frequency response 30 to 17,000 Hz; includes stand clamp Optional Accessories: MZS421 suspension mount; WS1 windscreens.

MD421II Mfr. List \$485.00

Call For BSW Price



### SHURE

#### SM7 - Dynamic Cardioid mic

Type: dynamic Pickup Pattern: cardioid Features: extra warm sound; pronounced proximity effect; choice of four response curves; frequency response 40 to 16,000 Hz; integral shock mounting; built-in windscreens.

SM7 Mfr. List \$566.50

Call For BSW Price



## HANDHELD MICROPHONES

### AUDIX

#### OM5 - Dynamic Mic

Type: dynamic Pickup Pattern: cardioid Features: designed for voice; high output with natural, undistorted sound; tight polar pattern helps prevent feedback and rejects unwanted noise. Optional Accessories: WS900 series windscreens; M25 cable.

OM5 Mfr. List \$329.00

Call For BSW Price



### AUDIO TECHNICA

#### AT804 - Dynamic Mic

Type: dynamic Pickup Pattern: omnidirectional Features: excellent interview mic; super rugged construction; frequency response 50 to 15,000 Hz; includes stand clamp and carrying bag. Optional Accessories: WS600 series windscreens; M10 mic cable; IC6 interview cable (XLR/mini).

AT804 Mfr. List \$110.00

Call For BSW Price



### BEYER

#### M58 - Dynamic Mic

Type: dynamic Pickup Pattern: omnidirectional Features: designed for ENG and EFP; internal shockmount dramatically reduces handling noise; accurate voice reproduction; high intelligibility. Frequency response 40 Hz to 20,000 Hz; includes WS58 windscreens and zippered case.

M58 Mfr. List \$259.00

Call For BSW Price



### BEYER

#### M01 - Dynamic Mic

Type: dynamic Pickup Pattern: supercardioid Features: excellent off axis rejection; internal shock suspension; on/off switch; very affordable; includes stand clamp and zippered case. Optional Accessories: WS600 series windscreens; M25 mic cable.

M01 Mfr. List \$99.00

Call For BSW Price



### ELECTRO-VOICE

#### 635A/635L - Dynamic Mic

Type: dynamic Pickup Pattern: omnidirectional Features: super rugged construction; voice-tailored response; popular interview mic; available in beige or black; includes stand clamp and unterminated cable. Optional Accessories: WS600 series windscreens.

635A standard length Mfr. List \$150.00

Call For BSW Price

635L extended length Mfr. List \$165.00

Call For BSW Price



### ELECTRO-VOICE

#### 635N/D - Dynamic Mic

Type: dynamic Pickup Pattern: omnidirectional Features: N/DYM® magnet provides increased output and sensitivity; super rugged construction; available in beige or black; includes stand clamp and unterminated cable. Optional Accessories: WS600 series windscreens.

635N/D Mfr. List \$170.00

Call For BSW Price



### HANDHELD MICROPHONES

#### ELECTRO-VOICE

##### RE45N/D - Dynamic Shotgun Mic

Type: dynamic Pickup Pattern: extended cardioid Features: for handheld or camera use; N/DYM™ dynamic element has the output level of a condenser without the need for external power. Frequency response 50 to 15,000 Hz (close), 150 to 15,000 Hz (far); includes clip, case, windscreen, and shock handle.

RE45N/D Mfr. List \$564.00 Call For BSW Price



#### ELECTRO-VOICE

##### RE50/RE50N/D - Dynamic Mics

Type: dynamic Pickup Pattern: omnidirectional Features: standard or neodymium models; similar to the 635A, plus built-in shockmount and blast filter for low handling and wind noise; beige or black.

RE50	standard	Mfr. List \$250.00	Call For BSW Price
RE50N/D	neodymium	Mfr. List \$299.00	Call For BSW Price



#### ELECTRO-VOICE

##### ND357B - Dynamic Mic

Type: dynamic Pickup Pattern: cardioid Features: extended frequency response and higher output levels; includes stand clamp and case. Optional Accessories: WS300 Series windscreen; M25 cable.

ND357B Mfr. List \$256.00 Call For BSW Price



#### ELECTRO-VOICE

##### RE15/RE16 - Dynamic Mics

Type: dynamic Pickup Pattern: supercardioid Features: wide, flat response and uniform super-cardioid pattern with minimal off-axis coloration; includes stand clamp. Optional Accessories: WS300 Series windscreen.

RE15	standard version	Mfr. List \$439.00	Call For BSW Price
RE16	adds internal blast filter	Mfr. List \$465.00	Call For BSW Price



#### SHURE

##### SM58LC - Dynamic Mic

Type: dynamic Pickup Pattern: cardioid Features: world standard vocal mic; distinctive vocal presence peak; integral windscreen; includes stand clamp and case; Optional Accessories: WS900 Series windscreen; M25 mic cable.

SM58LC Mfr. List \$188.75 Call For BSW Price



#### SHURE

##### VP64 - Dynamic Mic

Type: dynamic Pickup Pattern: omnidirectional Features: very low handling noise; pick-up pattern doesn't suffer from proximity effect; neodymium magnet provides increased output and improved clarity; includes windscreen and stand clamp. Optional Accessories: M10 mic cable; IC6 interview cable.

VP64 Mfr. List \$135.00 Call For BSW Price



#### SHURE

##### SM87LC - Condenser Mic

Type: condenser Pickup Pattern: supercardioid Features: surprising amount of gain before feedback; shock isolated capsule; built-in multistage blast filter; low susceptibility to RF interference; requires phantom power. Optional Accessories: WS900 Series windscreen; M25 mic cable.

SM87LC Mfr. List \$292.00 Call For BSW Price



#### SHURE

##### SM57LC - Dynamic Mic

Type: dynamic Pickup Pattern: cardioid Features: all purpose—great for voice or instruments; rugged construction; frequency response 40 to 15,000 Hz; includes stand clamp and protective vinyl pouch. Optional Accessories: WS5700 Series windscreen; M25 mic cable.

SM57LC Mfr. List \$147.00 Call For BSW Price



#### SHURE

##### BETA58A - Dynamic Mic

Type: dynamic Pickup Pattern: supercardioid Features: the warmth of the original SM58 with an even smoother presence rise and extended top end; superior shock isolation and tight polar pattern help eliminate unwanted handling and background noise; includes stand clamp and case; Optional Accessories: WS900 Series windscreen; M25 mic cable.

BETA58A Mfr. List \$266.00 Call For BSW Price



#### SHURE

##### BETA87 - Condenser Mic

Type: condenser Pickup Pattern: supercardioid Features: studio quality sound for live vocals; excellent gain-before-feedback; Sleek body design is perfect for handheld use; very low handling noise; requires phantom power. Optional Accessories: WS900 Series windscreen; M25 mic cable.

BETA87 Mfr. List \$434.00 Call For BSW Price



# The Sound Of Broadcast Professionals

*Shure Microphones  
and circuitry products are  
used extensively throughout  
the world by broadcasters  
who demand  
nothing but the  
best. Robust mixers  
designed for the  
rough and tumbled  
world of life on the  
road. Microphones that  
cater to all kinds of voices in  
all kinds of settings. When  
thousands of listeners and  
(your career) are on the line,  
settle for nothing less  
than.....Shure.*

# Worldwide



M367



FP33



FP42

FP410



SM7



SM2

SM57



SM58



VP64



SM63LLC



FP22



### LAVALIER MICROPHONES

#### AUDIO TECHNICA

##### AT803B - Lavalier Mic

Type: condenser lavalier; Pickup Pattern(s): omnidirectional; Features: high intelligibility for vocal reproduction; low frequency roll-off switch; requires AA battery or 9-52 volt phantom power; includes clothing clip, windscreen and case. Optional Accessories: AT8412 double tie clip; AT8414 tie tac clip; M10 or M25 mic cables.

AT830B Mfr. List \$185.00 Call For BSW Price



#### ELECTRO-VOICE

##### CO2PRO - Lavalier Mic

Type: electret condenser mini lavalier; Pickup Pattern(s): omnidirectional; Features: smaller than a standard paper clip, paintable mic and cable surfaces, extremely durable with extra long cable, 12-52 volt phantom power required; includes single mic & cable tie bars, dual mic tie bar, mic & cable vampire clips, tie tack, vinyl pouch; white version available. Optional Accessories: CO2E unterminated version for wireless; CO2EX with TA4F connector for EV and Vega wireless; M10 or M25 mic cables.

CO2PRO Mfr. List \$300.00 Call For BSW Price



#### SHURE

##### MX 180 SERIES - Lavalier Mics

Type: electret condenser lavalier; Pickup Pattern(s): omni, cardioid, or supercardioid (specify one); Features: small and unobtrusive; removable capsules; terminated in TA4F connector (fits wireless systems) that plugs into the included belt-clip preamp (XLR); includes single and dual tie clips and snap-fit foam windscreen; specify cardioid, supercardioid or omni.

MX180 Mfr. List \$260.00-\$290.00 Call For BSW Price



### SHOTGUN MICROPHONES

#### AUDIO TECHNICA

##### AT815B/AT835B - Shotgun Mics

Type: condenser shotgun Pickup Pattern(s): line+gradient Features: super tight pattern and high sensitivity for long range pickup; low frequency roll-off switch; requires "AA" battery or phantom power; AT815B has slightly extended reach and LF response; mics include windscreen, battery and carrying case. Optional Accessories: AT8410A shock mount.

AT815B 18.1" long Mfr. List \$399.00 Call For BSW Price  
AT835B 14.5" long Mfr. List \$329.00 Call For BSW Price



#### SENNHEISER

##### ME66 - Short Shotgun Mic

Type: condenser shotgun Pickup Pattern(s): supercardioid Features: extremely high sensitivity; very low self-noise; requires K6 power module (single AA battery or phantom power); slightly high frequency boost for greater intelligibility on long range pickup. Optional Accessories: MZW60-1 blimp windscreen; shockmount; pistol grip.

ME66 Mfr. List \$279.00 Call For BSW Price  
K6 Mfr. List \$285.00 Call For BSW Price



#### BEYER

##### MCE 7 - Lavalier Mic

Type: electret condenser lavalier; Pickup Pattern(s): omnidirectional; Features: extremely small and unobtrusive; wide frequency response; insensitive to handling noise; requires phantom power; Optional Accessories: MKV50 tie clip. Available April 1997.

MCE7 Mfr. List \$469.00 Call For BSW Price



#### SENNHEISER

##### ME102/104 - Lavalier Mics

Type: subminiature condenser lavalier; Pickup Pattern(s): ME102 omnidirectional, ME104 cardioid; Features: interchangeable mic capsules; optimized for speech; extremely small size; low self-noise; requires K6 power module for battery or phantom power; includes windscreen Optional Accessories: right angle cable; various mounting clips.

MKE102S-60 ME102 w/cable, tie clip Mfr. List \$317.00  
MKE104S-60 ME104 w/cable, tie clip Mfr. List \$317.00  
K6 Power Module Mfr. List \$285.00

Call For BSW Prices



#### SONY

##### ECM55B - Lavalier Mic

Type: condenser lavalier; Pickup Pattern: omnidirectional; Features: voice tailored frequency response, requires AA battery or 48 volt phantom power. Included accessories: mesh windscreen, single horizontal and vertical tie clips, mic case; Optional Accessories: various mounting clips, multi-colored urethane windscreens, power supply holder clip

ECM55B Mfr. List \$405.00 Call For BSW Price



## SPECIAL APPLICATION MICROPHONES

### AKG

#### C621E - Gooseneck Mic

Type: condenser gooseneck Pickup Pattern(s): cardioid Features: dual-bend gooseneck; high sensitivity; low self noise; voice tailored response; plugs directly into XLR socket or cable; requires phantom power; includes foam windscreen and locking XLR panel mount.

C621E Mfr. List \$237.00 Call For BSW Price



### AUDIO TECHNICA

#### AT857QMA - Gooseneck Mic

Type: condenser gooseneck Pickup Pattern(s): cardioid Features: double gooseneck; perfect for podiums/lecturns; 14.5" low frequency roll off switch; plugs into XLR socket or cable; requires phantom power; includes windscreen; available in 19" long and 5/8"-27 threaded mount versions.

AT857QMA Mfr. List \$260.00 Call For BSW Price



### BEYER

#### SHM424 - Gooseneck Mic

Type: dynamic Pickup Pattern(s): hypercardioid Features: 12" and 20" gooseneck models available; available with on/off switch; excellent volume before feedback; no external powering required; 3/8" flange mount and XLR versions. Specify length, termination and switch/no switch.

SHM424 Mfr. List \$159.00-\$189.00 Call For BSW Price



### CROWN

#### PZM - PZM Mic

Type: condenser Pickup Pattern(s): hemispherical Features: excellent table mounted conference mic; can be used handheld or even on video cameras; requires AA battery or phantom power; includes mic stand clamp

PZM Mfr. List \$99.00 Call For BSW Price



### SHURE

#### MX393 - Boundary Mic

Type: condenser Pickup Pattern(s): cardioid, supercardioid or omni (specify one) Features: for conferencing, stage, boardrooms, etc.; interchangeable mic cartridges; programmable switch for push-to-mute, push-to-talk, or push on/push off modes; LED indicator; detachable cable; requires phantom power; specify cardioid, supercardioid or omni.

MX393 Mfr. List \$310.00-\$340.00 Call For BSW Price



### AKG

#### C400BL - Boundary Mic

Type: condenser Pickup Pattern(s): hypercardioid Features: excellent for table tops, lecturns, stages or any application requiring an inconspicuous, highly directional mic; pickup angle between 0°-50°, relative to mounting surface; paintable; XLR connection; requires phantom power.

C400BL Mfr. List \$119.00 Call For BSW Price



### AUDIO TECHNICA

#### AT822/AT825 - X/Y Stereo Mics

Type: condenser Pickup Pattern(s): X/Y stereo Features: fully mono compatible; 220° pickup field; LF roll-off switch; AA battery/phantom powering; AT825 has dual XLR output cable; AT822 has dual mini plug and stereo mini plug output cables (perfect for portable DATs and video cams; mics include windscreen, mic clip and vinyl pouch.

AT825 standard XLR version Mfr. List \$525.00 Call For BSW Price  
AT822 DAT/camera version Mfr. List \$399.00 Call For BSW Price



### BEYER

#### MPC65 - Boundary Mic

Type: condenser Pickup Pattern(s): semi-cardioid Features: for conferencing or other applications where high quality speech reproduction is important; high gain before feedback; low-cut filter; low profile with small footprint; available in black or white; requires phantom power.

MPC65 Mfr. List \$279.00 Call For BSW Price



### RD SYSTEMS

#### P650 - Parabolic Mic

Type: condenser Pickup Pattern(s): parabolic Features: one of the most directional microphones ever produced; up to 75 times the pickup capability of standard mics; ideal for sports, nature recording, etc.; battery powered; includes handle, aiming sights, monitor earphone and carrying case.

P650 Mfr. List \$549.00 Call For BSW Price



### SHURE

#### VP88 - Stereo Mic

Type: condenser Pickup Pattern(s): M-S stereo Features: adjustable stereo width control and direct mid and side element output; fully mono compatible; requires phantom power or internal 6volt battery; includes windscreen, stand clamp and XLR "Y" cable. Optional Accessories: A885M shock mount; A882K zeppelin windscreen kit.

VP88 Mfr. List \$995.00 Call For BSW Price



### AUDIO TECHNICA



#### 1100 SERIES - Wireless Mic Systems

Cost effective wireless mic systems that offer excellent features and performance. Features: true diversity with independent RF sections; adjustable squelch control; balanced and unbalanced audio I/O; dual power settings for extended range or extended battery life; rugged metal receiver chassis with included rack hardware.

<b>ATW1128</b>	dynamic handheld system	<b>Mfr. List \$550.00</b>
<b>ATW1127830</b>	omni lavalier system	<b>Mfr. List \$589.00</b>

Call For BSW Prices

### SENNHEISER



#### 1100 SERIES - Wireless Mic Systems

Outstanding performance in an ultra-reliable UHF system that is engineered for the rigors of broadcasting. Features: up to 16 frequencies; unique slide-on rack ears let you configure single or dual rack systems in seconds; excellent receiving range; very reliable UHF transmission; includes carrying case-even a battery and cable for plugging into your system.

<b>SET1083U</b>	MKE-2 lav. system	<b>Mfr. List \$1,995.00</b>
<b>SET1081U</b>	handheld system	<b>Mfr. List \$1,995.00</b>

Call For BSW Prices

### SHURE



#### SC SERIES/LX SERIES - Wireless Mic Systems

Features: (LX and SC Systems): battery fuel gauge to show how much power is left; half-rack width, metal chassis; 5-segment RF and audio metering; unbalanced and balanced XLR, mic/line switchable outputs; hand held and lavalier transmitters with popular Shure microphone elements that are perfectly matched to the system electronics; audio muting.

Features: (SC Series only): 8 user selectable frequencies (4 on travelling systems); single on/off switch in transmitter supported by mute in receive.

<b>LX24/58</b>	SMS8 handheld system	<b>Mfr. List \$852.00</b>
<b>LX14/83</b>	omni lavalier system	<b>Mfr. List \$750.00</b>
<b>SC24/58</b>	SMS8 handheld system	<b>Mfr. List \$1,050.00</b>
<b>SC14/83</b>	omni lavalier system	<b>Mfr. List \$930.00</b>

Call For BSW Prices

### TELEX



#### FMR70/FMR150 - Wireless Mic Systems

FMR systems incorporate Telex Posi-Phase Auto Diversity for outstanding operating range without dropouts. The FMR70 Series is a fixed frequency system while the FMR150 is frequency agile. Features: (FMR70 and FMR150 Systems): low noise audio companding; Posi-Squelch III Auto Suppression™; balanced XLR mic level output. Features: (FMR-150 only): frequency agile system with front panel selection of 3 frequencies (screwdriver adjustment on the transmitters).

Both systems are available with handheld and lavalier transmitters.

<b>FMR70</b>	systems from \$617.00	<b>Mfr. List</b>	<b>Call For BSW Prices</b>
<b>FMR150</b>	systems from \$940.00	<b>Mfr. List</b>	<b>Call For BSW Prices</b>



#### ENG-500 - Wireless Mic System

ENG persons will love the flexibility of the ENG-500 system that works with your favorite handheld field microphone. Features: (transmitter): 2 selectable UHF channels; metal water resistant case; low battery/overmodulation indicator; runs on standard 9 volt battery offering +6 volt dc phantom power; single switch power/mute. Features: (receiver) ultra-compact true-diversity receiver fits on side of equipment rack or video cam; balanced XLR switchable mic/line output; headphone jack; 5-segment RF/Audio and battery level meters; 9-17 volt dc adapter or 9 volt battery powered; includes removable 1/4 wave antennas and carrying case.

<b>ENG500</b>	UHF receiver	<b>Mfr. List \$1,995.00</b>
<b>UT500</b>	UHF transmitter	<b>Mfr. List \$995.00</b>

Call For BSW Prices

### VEGA



#### U2020 - Wireless Mic System

A very affordable UHF system with maximum frequency agility. Features: 100 selectable frequencies; true diversity receiver with dual mode squelch and transparent audio compounding; XLR and 1/4" mic/line outputs; handheld and bodypack/lavalier transmitters feature low battery/overload LEDs, power on/off and audio on/off switches

<b>U2020BPM</b>	omni lavalier system	<b>Mfr. List \$900.00</b>
<b>U2020H5</b>	handheld system	<b>Mfr. List \$974.00</b>

Call For BSW Prices

### APHEX



#### 107 - Thermionic (Tube) Mic Preamp

**Features:** two-channel preamp combines the best attributes of both tube and solid state providing unmatched performance; hot and quiet with up to 64 dB of gain available and noise spec of -128 dBu worst case at max gain; switchable 20 dB pad; low cut filter; phase reverse switch; phantom power. Balanced TRS outputs.

107 Mfr. List \$449.00 Call For BSW Price

### ART

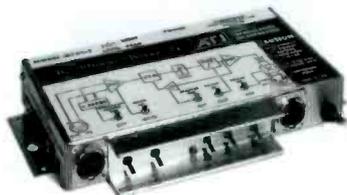


#### 254 DUAL MP - Tube Microphone Preamplifier

**Features:** affordable two-channel unit; low distortion; wide frequency response and dynamic range; switchable phantom power; two ranges of input gain for mic or line levels; phase reversal switch; balanced XLR and unbalanced 1/4" outputs.

254 Dual MP Mfr. List \$329.00 Call For BSW Price

### ATI



#### M100 ULTIMIKE - Microphone Preamplifier

**Features:** unusually quiet preamp has impressive hum and RF rejection; accepts +20 dBm maximum input; switchable and adjustable gain; limiter; lo-cut filter; 48 volt phantom power; phase reversing switch; balanced XLR outputs.

M100 Mfr. List \$349.00 Call For BSW Price

### DBX



#### 760X - Microphone Preamplifier

**Features:** high quality transformerless inputs and outputs; 60 dB of sonically transparent gain; clip indicators; polarity reverse switch; switchable phantom power; rack mounting hardware included; balanced XLR and unbalanced RCA outputs.

760X Mfr. List \$349.00 Call For BSW Price

### RANE



#### DMS 22 - Dual Mic Preamp

**Features:** dual XLR inputs; stereo output with separate pan and level controls; 3-Band EQ; selectable 15/50/100 Hz low cut filter; 48v phantom power; polarity invert switches; balanced XLR and TRS outputs.

DMS 22 Mfr. List \$549.00 Call For BSW Price

### RDL



#### RU-MP2 - Mic Preamp

**Features:** dual channel unit; low noise audio performance with RF filtered inputs; gain trim controls; selectable phantom power; XLR mic inputs; front (XLR) and rear (barrier strip) line level outputs; requires PS24A power supply. See page 74 for Stick-On Series™ mic preamps.

RUMP2 Mfr. List \$269.00 Call For BSW Price  
PS24A Power Supply BSW Price \$14.30

### ROLLS



#### RP220 - Dual Tube Mic Preamp

**Features:** utilizes 12AX7A tubes in a unique configuration to give smooth controllable gain with true transformer balanced inputs; front panel gain and volume controls and 5 segment output level LEDs; inputs and outputs are selectable for mic or line levels and feature both unbalanced 1/4" and balanced XLR connections.

RP220 Mfr. List \$500.00 Call For BSW Price

### SYMETRIX



#### SX202 - Dual Mic Preamp

**Features:** two ultra clean microphone preamplifiers with variable gain; 15 dB pad; +48 volt phantom powering; polarity reversal switch; separate left, right, and left + right balanced/unbalanced TRS outputs.

SX202 Mfr. List \$319.00 Call For BSW Price



A.



B.



C.



D.



E.



F.



G.



H.



I.

### (A) ART 127 TUBE MP - mic pre/Direct Box

Use for tube mic pre, active direct box, or phantom power unit.

127 Mfr. List \$149.00 Call For BSW Price

### (B) ROLLS ADB2 - Phantom Direct Box

powered by phantom power, this direct box offers a 3 position attenuator and ground lift switch. Two 1/4" ins-XLR out.

ADB2 Mfr. List \$50.00 Call For BSW Price

### (C) ROLLS PB23 - Phantom Power Adapter

Provides 12 or 48 VDC phantom power. Includes AC/DC adapter.

PB23 Mfr. List \$50.00 Call For BSW Price

### (D) PROCO MS42 - 4 Channel Mic Splitter

4 channels with single female XLR input and 2 isolated XLR male outputs. Output ground lift switches. 8-channel unit available.

MS42 Mfr. List \$333.00 Call For BSW Price

### (E) PROCO MC2 - Mic Combiner

2 female XLR ins, 1 male XLR out with input polarity reverse switch.

MC2 Mfr. List \$119.00 Call For BSW Price

### (F) SHURE FP11 - Mic-to-Line Amp

Balanced XLR mic input to balanced XLR line output. Uses 9 volt battery and includes limiter, AUX in and belt clip.

FP11 Mfr. List \$370.00 Call For BSW Price

### (G) WHIRLWIND MICPOWER - Phantom Power Adapter

Provides +12 to +18VDC phantom power. Operates on two 9 volt batteries for approximately 50 hours. Includes battery level LED.

MICPOWER Mfr. List \$89.00 Call For BSW Price

### (H) WHIRLWIND LITTLE IMP - Impedance Matcher

XLR low-Z input to 1/4" high-Z output. Lets pro level mics be used with consumer level mic inputs.

LITTLE IMP Mfr. List \$12.25 Call For BSW Price

### (I) WHIRLWIND SPLITTER 1X2/1X3 - Mic Splitters

One low impedance XLR input to 2 or 3 low impedance XLR, transformer isolated outputs with separate ground lifts.

SPLITTER1X2 Mfr. List \$71.00 Call For BSW Price

SPLITTER1X3 Mfr. List \$93.00 Call For BSW Price

## AUDIO TECHNICA



### AT8681 UniMix - 2-to-1 Mic Combiner

Combines the output from two microphones into one channel. Includes a balance control between the two inputs.

AT8681

Mfr. List \$70.00

Call For BSW Price



### AT8682 UniGate - Voice-Operated Switch

Automatically attenuates a mic channel when not in use. Adjustable threshold sets the level at which gate opens. LED lights when gate is open.

AT8682

Mfr. List \$75.00

Call For BSW Price



### AT8684 UniMute - Mic Attenuator/Switch

Allows remote mic functions such as on/off switching, push-to-talk and push-to-mute, as well as control of logic-level DC circuits.

AT8684

Mfr. List \$70.00

Call For BSW Price



### AT8683 UniSteep - 80 Hz Mic Hi-Pass Filter

Provides a steep 18 dB/octave low frequency attenuation to minimize stage rumble and other low frequency background noises.

AT8683

Mfr. List \$50.00

Call For BSW Price



### AT8685 UniTrap - Constant-Q Mic Notch Filter

Tunable notch filter helps control feedback by attenuating a narrow frequency band that is susceptible to feedback. 30 dB notch tunes in two ranges.

AT8685

Mfr. List \$80.00

Call For BSW Price



### AT8686 UniLim - Mic Limiter

Keeps the output of a microphone from exceeding the level set by the adjustable threshold control.

AT8686

Mfr. List \$75.00

Call For BSW Price

## MIDDLE ATLANTIC



### GS SERIES - Microphone Pop Filter

An effective way to reduce or eliminate P-popping without sound coloration. **Features:** double nylon screen for superior performance; unobtrusive black 5" or 7" filter frames; 13" black gooseneck; brass tipped locking screw prevents scratching of mic stands; replacement screen available.

GS-5	5" screen w/gooseneck	Mfr. List \$22.50
GSS-5	5" replacement screen	Mfr. List \$17.78
GS	7" screen w/gooseneck	Mfr. List \$37.00
GSS	7" replacement screen	Mfr. List \$27.00

Call For BSW Prices

## WINDTECH



SMS8 shown with 300 Series

SMS7 shown with 5700 Series



635A shown with 600 Series

MD421U and RE20 shown with WS1

### Windscreens

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

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

Series	Description	Inside diameter	BSW Price
*WS1	X-large cylindrical	2"	\$19.95
*900	large spherical	1 5/8"	\$4.95
*300	regular spherical	1 3/8"	\$4.75
*600	small spherical	1"	\$4.25
*5700	squared cylindrical	1"	\$4.25
*1200	large cylindrical	3/4"	\$3.75
*1300	small cylindrical	5/8"	\$3.50
*500	podium	1/2"	\$3.25
*1100	lapel	1/4"	\$3.25
*1500	round lavalier	3/8"	\$3.25
*2300	mini round lavalier	3/16"	\$3.00
*2100	tear-drop	1/4"	\$3.00

\*Please specify color



### A. BSW IC6 - Interview Cable

6' adapter cable interfaces pro mics with portable field recorders. XLR to 1/8" mini.

IC6 BSW Price \$14.00

### B. WHIRLWIND BSWMC24 - Coiled Mic Cable

Coiled black cable perfect for interviews, etc. 2.5' long retracted, extends to over 10'.

BSWMC24 BSW Price \$35.00

### C. HOSA WT1148G - Cable Ties

Velcro ties keep mic cables coiled neatly. Tie stays attached to cable even when uncoiled.

WT1148G BSW Price \$5.50

### D. PROCO M10/M25 - Mic Cables

Quality, low-loss mic cables in 10' or 25' lengths with XLR connectors.

M10 BSW Price \$9.95

M25 BSW Price \$11.95

### E. WINDTECH MC6 - Mic Clip

Standard tapered, slip-in clip fits most handheld mics. Adjustable angle; brass insert with 5/8"-27 threads.

MC6 BSW Price \$3.95

### F. WINDTECH MC9 - Insulated Mic Clip

Heavy duty clip with rubber insulator. Adjustable angle; brass insert with 5/8"-27 threads.

MC9 BSW Price \$4.95

### G. WINDTECH MC11 - Slim Mic Clip

Heavy duty clip for slim mics (.8" to 1" in diameter). Adjustable angle; brass insert with 5/8"-27 threads.

MC11 BSW Price \$4.75

### H. WINDTECH SMC7 - Spring Loaded Mic Clip

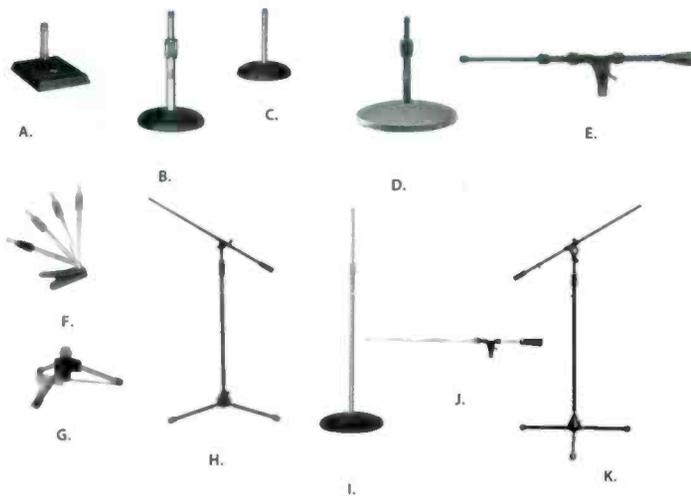
Spring clamp type clip fits a wide variety of mics. Adjustable angle; brass insert with 5/8"-27 threads.

SMC7 BSW Price \$4.50

### I. ROKSAK MB12 - Microphone Bag

Nylon bag keeps 12 mics protected in foam. Includes removable shoulder strap and compartment for accessories.

MB12 BSW Price \$99.95



### A. ATLAS - DS2 Vibration Isolating Stand

Non-adjustable 3" high chrome tube Non-reflective 4"x 6" charcoal base.  
DS2 BSW Price \$23.95

### B. ATLAS - DS7 Adjustable Desk Stand

Adjustable height 8" to 13". Grip-action clutch. 6" diameter charcoal base. Black or silver.  
DS7 BSW Price \$18.95

### C. ATLAS - DSS General Purpose Stand

Non-adjustable 4" high chrome tube. 6" diameter cast iron charcoal base.  
DSS BSW Price \$13.95

### D. ATLAS DMS -7E Heavy Duty Desk Stand

Features an oversized 10" cast iron base providing maximum stability for larger studio mics and boom attachments. Adjustable height 8"-13". Black finish.

DMS7E BSW Price \$27.95

### E. ATLAS PB11XE - Short Mic Boom

Boom extends from 16.25" to 24.5". Use with DMS-7E to create a heavy duty boom stand for tabletop applications such as interviews, etc.

PB11XE BSW Price \$43.95

### F. QUIK LOK A114 - Telescopic Desk Stand

Heavy weight base and pivot feature allow for optimum placement of even heavy studio mics. Adjustable from 16.5" to 23.5".

A114 BSW Price \$39.95

### G. AKG KM231/1- Tripod Desk Stand

Chrome legs fold in so stand fits easily into equipment bag or brief case.  
KM231/1 BSW Price \$12.95

### H. QUIK LOK A/205 & A/300 - Tripod Floor Boom Stands

The A/205 is a heavy duty stand, adjustable to 64" tall with a 30" boom. A/300 is a lightweight economy version, adjustable to 60" high. Black only

A/205 BSW Price \$57.95

A/300 BSW Price \$37.95

### I. ATLAS MS12C - General Purpose Floor Stand

10" weighted base. Adjustable from 34" to 62" Black or silver.

MS12C BSW Price \$37.95

### J. ATLAS PB25X - Microphone Boom

Attaches to any stand with 5/8" threads. Grip action clutch. Expandable from 31" to 50". Black or silver.

PB25X BSW Price \$69.95

### K. TE16BE - Microphone Stand W/Boom

Rugged tripod mic stand with boom. Stand height adjustable from 35" to 60". Boom extends to 25 1/2". Black color.

TE16BE BSW Price \$49.95



### L. ATLAS MAC-1 - Universal Clamp

Mounts mic almost anywhere. Holds any 5/8"-27 threaded accessory and mounts to table edges or round tubing up to 1 1/8" in diameter.

BSW Price \$29.95

### M. ATLAS BC-1 - Desk Clamp

Bracket-style clamp with 6" chrome tube attaches to taples, countertops, workstation furniture etc.

BSW Price \$23.95

### N. ATLAS GN SERIES - Goosenecks

Flexible goosenecks in 6", 13" and 19" lengths with male and female 5/8"-27 threads. Chrome or black finish.

GN6 BSW Price \$7.95

GN13 BSW Price \$9.95

GN19 BSW Price \$19.95

### O. ATLAS CH-1B - Cable Hanger

Use to hang coiled mic cables or headphones on mic stand.

CH1B BSW Price \$14.95

### P. ATLAS TM-1 - Stereo Mic Mount

Allows mounting of 2 or 3 mics onto one stand. Available in chrome or black; 8 3/4" wide.

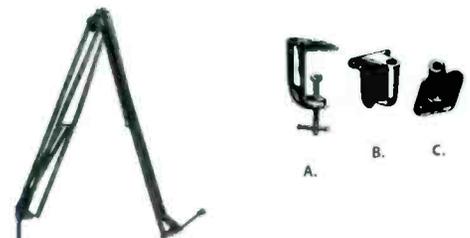
TM1 BSW Price \$19.95

### Q. ATLAS AD-11B - Mounting Flange

5/8"-27 female flange with 1 3/4" base diameter. Chrome or black.

AD11B BSW Price \$6.95

## LUXO



### LM SERIES - Studio Microphone Boom/Arm

LM1 is a 41" extended reach arm for mics weighing up to 1 pound. LM1-3 is the same basic arm, but holds heavier mics weighing up to 3 pounds. Available in oyster or black color. LM2 is a 26" reach arm for mics weighing up to 2 pounds. Available in grey color only.

Mounting options include a clamp style (model A), a wall mount (model B), a desktop mount (model C), or a 12" aluminum extension pedestal. Specify black, grey, oyster or unpainted (riser only).

LM1, 2 or 3

Model A, B, or C

RISER 12" pedestal mount

BSW Price \$69.95 ea.

BSW Price \$12.50 ea.

BSW Price \$24.95

## OTARI



### MX5050 SERIES - Broadcast Reel Recorders

The Otari MX5050 Series include the MX5050BIII two track and MX5050BQIII 4 track. Features: super dependable construction; 3-head design; front panel setup adjustments with built-in oscillator; sophisticated transport with built-in mini auto locator;  $\pm 20\%$  pitch control; 37 pin parallel interface; gapless seamless punch in/out (on BQIII) and more. Options: several remote control options and roll-around stand.

MX5050BIII	Mfr. List \$4,452.00	Call For B5W Price
MX5050BQIII	Mfr. List \$7,636.00	Call For B5W Price

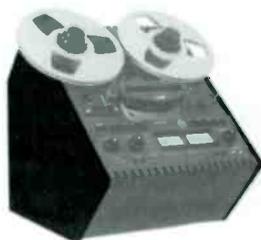


### MX50IIN - 2-Channel Reel Recorder

The Otari 2-track for facilities on a limited budget. Features: two speed DC-servo capstan motor;  $\pm 8\%$  vari-speed; zero search plus one cue point search; 15/7.5 ips speed (7.5/3.75 ips available); cue monitor speaker; balanced XLR inputs and outputs.

MX50IIN	Mfr. List \$3,233.00	Call For B5W Price
---------	----------------------	--------------------

## PRORAX



### PO100 - Custom Side Panels

The PO100 is a set of attractive, rugged and economical panels that convert your Otari MX5050BII or BIII into a table top edit station. It replaces the two side panels of your machine to give it the perfect tilt angle for editing work. Installation is a breeze using existing screws. Black color only.

PO100	B5W Price \$99.00
-------	-------------------

## TASCAM



### BR20 - 2-Channel Reel Recorder

The BR20 packs outstanding performance and features into a compact, exceptionally easy-to-use recorder. Features: front panel audio calibration controls; exceptionally smooth operation; switchable 15/7.5 ips tape speed (optional 7.5/3.75 speed available); accurate real-time tape counter with locate points; dump edit; manual edit; stop edit; and quick cue modes; independent L/R reel size selectors; built in rack mounting and optional remote control; balanced XLR +4 dBm inputs and outputs.

BR20	Mfr. List \$3,149.00	Call For B5W Price
------	----------------------	--------------------



### 32 - 2-Channel Reel Recorder

An outstanding value in 2 track reel-to-reel for 2 track mastering and light production work. Features: fast, gentle tape handling with minimal wow and flutter; accurate zero return; 2 speeds (7 1/2 and 15 ips); pitch control ( $\pm 12\%$ ); dump edit function; cue lever; unbalanced RCA inputs and outputs.

32	Mfr. List \$2,399.00	Call For B5W Price
----	----------------------	--------------------

## NIGEL B.



### PLRS - Roll Around Recorder/Equipment Stand

Give your reel recorder maximum mobility and optimum operating angle with the RS from Nigel B. This heavy duty portable rack is ideal for any rackmount equipment such as mixers, processing gear or test equipment. Features: upper rack can tilt to desired angle and has 13 rack spaces; rack in the pedestal base has 7 spaces.

PLRS	Mfr. List \$399.95	Call For B5W Price
------	--------------------	--------------------

### QUANTEGY/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) \$15.95	(10+) \$13.95
499151111 1/4" x 1200'	7" plastic reel	(1-39) \$12.75	(40+) \$11.50
499174111 1/4" x 2500'	10 1/2" metal reel	(1-9) \$31.95	(10+) \$28.95

#### 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) \$16.65	(10+) \$14.95
456151111 1/4" x 1200'	7" plastic reel	(1-39) \$11.25	(40+) \$9.95
45617311J 1/4" x 2500'	10 1/2" metal reel	(1-9) \$29.95	(10+) \$26.95

#### 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) \$12.95	(10+) \$11.50
406151131 1/4" x 1200'	7" plastic reel	(1-39) \$9.40	(40+) \$8.40
40617313J 1/4" x 2500'	10 1/2" metal reel	(1-9) \$23.99	(10+) \$21.95
40717613T 1/4" x 3600'	10 1/2" pancake	(1-9) \$21.40	(10+) \$19.25
407151131 1/4" x 1800'	7" plastic reel	(1-39) \$12.35	(40+) \$11.10
40717313J 1/4" x 3600'	10 1/2" metal reel	(1-9) \$31.95	(10+) \$28.95

#### 632/642 - Audio Mastering Tape

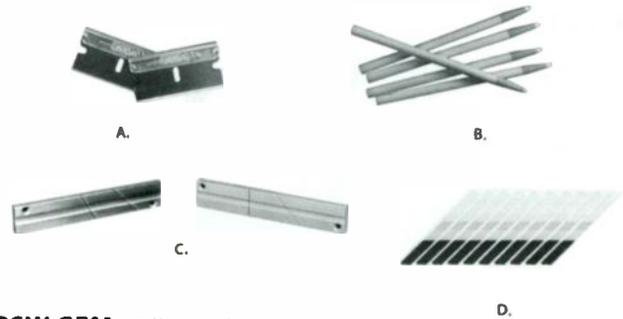
The extra low noise/ high output formulation of Ampex 632/642 tapes provides enhanced performance capabilities over that obtainable from standard output tapes.

Model	Description	Price ea.	Price ea.
632131111 1/4" x 600'	5" plastic reel	(1-39) \$4.35	(40+) \$3.90
632151111 1/4" x 1200'	7" plastic reel	(1-39) \$6.60	(40+) \$5.90
632173111 1/4" x 2500'	10 1/2" metal reel	(1-9) \$21.95	(10+) \$19.95
642151111 1/4" x 1800'	7" plastic reel	(1-39) \$9.00	(40+) \$8.00
642173111 1/4" x 3600'	10 1/2" metal reel	(1-9) \$26.50	(10+) \$23.90

#### Empty Reels And Boxes



5464	plastic reel, 5" - NAB Center	BSW Price	70¢ ea.
5196	plastic reel, 5" - EIE Center	BSW Price	55¢ ea.
5231	plastic reel, 7" - EIE Center	BSW Price	99¢ ea.
6089	plastic reel, 10 1/2" - NAB Center	BSW Price	\$3.95 ea.
6393600	metal reel, 10 1/2" NAB center (w/box)	BSW Price	\$11.55 ea.
605	5" empty box	BSW Price	50¢ ea.
607	7" empty box	BSW Price	50¢ ea.
630	10 1/2" empty box	BSW Price	\$1.15 ea.



#### A. BSW GEM - Editing Blades

Single edge razor works with all splice blocks.

GEM box of 100 BSW Price \$9.00

#### B. BSW 164T - Edit Pencils

White china markers are perfect for edit marking. No sharpening required.

164T box of 12 BSW Price \$18.95

#### C. XEDIT S3/S3/90 - Splice Blocks

Precision blocks are hand machined and hand polished. S3 features two cutting angles (45° and 30°). S3/90 offers 45 and 90 degree cutting angles.

S3 BSW Price \$57.00

S3/90 BSW Price \$57.00

#### D. XEDIT CL1 - Splice Tabs

Each tab has a red non-sticky "handle" that lets you position the tab easily and let go of the splice without pulling it out of place.

CL1 box of 1,000 BSW Price \$49.00



E.



F.



G.



H.

#### E. A.R.T. K161 - Recorder Maintenance Kit

Offers complete tape head maintenance for reel-to-reel and other tape recording machines. Includes a 2 oz. bottle of S-711 Intraclean head cleaner, 100 cotton swabs and a wand-style head demagnetizer.

K161 BSW Price \$70.00

#### F. A.R.T. S-711 INTRACLEAN - 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.

S711 2 oz. bottle BSW Price \$8.00

S711Q quart can BSW Price \$39.95

#### G. BSW BCS - Cotton Swabs

Extra long style for cleaning tape heads that are hard to reach. Cotton tip stays on when wet.

BCS 100 100 pack BSW Price \$3.95

BCS 500 100 pack BSW Price \$10.95

BCS 1000 1,000 pack BSW Price \$19.95

#### H. STL/MRL - Test Tapes

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

Call BSW With Your Requirements

## BROADCAST TOOLS



### DC-8A - Dial-Up DTMF Controller

This dial-up remote control allows the user to control their facility from any touch-tone® telephone. The DC-8A will answer the phone line after the programmed number of rings (up to 14), accept an access code of up to 8 digits and if valid, will allow the control of 8 form A relays and the monitoring of 8 logic level status inputs. **Features:** built-in audio hybrid allows user to send and/or receive external audio, while controlling the unit; the pager alert function can activate up to 3 digital pagers and display the users telephone number and the status input(s) which triggered the alarm; all programming is performed with a standard touch-tone® phone; nearly all functions can be programmed remotely; defeatable CPC control (unit hangs up when caller hangs up); user programmable tone acknowledgment defeat; may be configured for stand alone program DTMF tone decoding; each relay may be configured to close for as long as the associated key is depressed, latching and interlocking mode; each input and relay can be individually polled with easily distinguishable tones indicating their open or closed status; busy input allows external disabling of the DC-8A from answering the phone line; front panel LED indicators for DTMF tone detection, off-hook (line connected) status, ring signal, and power; open collector outputs for remote ring and off-hook conditions; front panel send and receive audio level controls; screw type wire captive terminals.

DC8A                      Mfr. List \$399.00                      Call For BSW Price



### SILENCE MONITOR - Loss Of Audio Monitor

The Silence Monitor is designed to monitor any stereo or monaural audio source for activity. **Features:** can monitor modulation monitors, AM/FM/TV tuners, etc.; can be configured to produce an alarm when either both channels fail or when each individual channel fails; the absence of audio will extinguish either or both of the "SIGNAL" LEDs and close both the unlatched and latched relays after a precise programmable time delay. The unlatched relay remains closed for the duration of the loss of audio, while the latched relay may be set to flash, or remain continuous; precise time delay is programmed via an 8-position dip switch in increments of 2 seconds with a maximum time delay of eight and a half minutes; internal alarm reset switch, opto-isolated remote reset and defeat inputs; LED indicators for presence of audio, power and silence alarm; supplied in an aluminum chassis with mounting holes allowing convenient mounting. The optional RM-2 allows two units to be mounted in a 19" rack.

SILENCE MONITOR                      Mfr. List \$199.00                      Call For BSW Price

## BROADCAST TOOLS



### SRC-8A - Remote Relay Control

The SRC-8A adds remote relay control to your DSP-6000 (or equivalent) digital STL or ISDN remote equipment. Applications include direct relay control for your dial-up remote control, a supplement to your dedicated remote control, relay control of satellite, transponder or remote audio switching as well as machine control and talent alerting for remotes. The standard system provides one-way control. The SRC-8B is available for Bi-directional control and status. All SRCs utilize a high integrity data format for maximum reliability. The SRC-8A consists of both transmit and receive units. Each unit is mounted in an aluminum case with mounting holes allowing convenient mounting. The optional RM-2 rack mount may be purchased for mounting two units in a 19" rack. Power adapters and serial cables are provided.

SRC8A one-way control                      Mfr. List \$399.00                      Call For BSW Price  
 SRC8B bi-directional control                      Mfr. List \$499.00/pair                      Call For BSW Price

## BURK TECHNOLOGY



### ARC16 - Remote Control

Now, you have a choice: Full-time studio control, dial-up telephone control—or both. And because of modular design, the ARC16 offers features never before available in a 16-channel remote control system. With the studio controller you have a constant link to your transmitter, for instant response to any problem. The 32 character LCD display shows out-of-tolerance conditions at a glance, and it's simple to make adjustments, with clear-text prompting to guide you. The Enhanced Speech Interface (ESI) lets you take control using the telephone keypad from any Touch-Tone® phone. It can be used as the only control source, or in addition to the studio controller. It can be installed in the transmitter or the studio unit.

**Features:** clear text prompts (studio units); digitally-recorded human voice for dial up; built-in subcarrier generators; built-in alarms and multiple site control; AutoPilot computer software makes automatic operation of a studio/transmitter facility a dream come true. With modes defined by the user, the program will take corrective action when needed. AutoPilot can reduce down time and operator errors, while providing better records to show FCC compliance. AutoPilot runs on a 286 PC and is designed for use with the ARC-16 containing the computer interface option.

Price Based On Configuration

Toll-Free Phone: 800 • 426 • 8434  
 Toll-Free Fax: 800 • 231 • 7055

## BURK TECHNOLOGY



### TC8 - Remote Control

The TC8 is a full featured remote control system that requires only 1 3/4" of rack space and provides 8 analog metering channels, 8 status inputs and 16 control outputs (8 raise, 8 lower). Studio and transmitter units communicate via telco loops or STL/SCA subcarriers. Specify which you prefer at time of ordering. Status inputs accept 5 to 28 V signals and metering channels accept inputs of either polarity from 0.25 to 4 V, ensuring easy interface with all broadcast equipment. Status LED's and a large dot matrix metering display can be read from across the room. CRT display, logging and fully automatic operation is possible using the optional RS-232 interface.

TC8 Mfr. List \$2,495.00 Call For BSW Price

## CIRCUITWERKES



### DR-10 - Remote Control

Control your equipment from anywhere there is a touch-tone phone with the DR-10. Features: password protected; control 10 relays that can be individually programmed as momentary, latching or interlocked; relays can be assigned to any tones; anti-falsing modes prevent accidental closures during remote broadcasts; relays can beep when activated; 4 logic inputs can activate a relay and/or call your pager; audio hybrid allows control while monitoring external audio; program with any DTMF telephone. Options: Silencer (see description and pricing above); call progress (CPC) options.

DR-10 Mfr. List \$2,495.00 Call For BSW Price



### DTMF-16 - Remote Control

The DTMF-16 listens to practically any audio source and activates its appropriate optocoupler output when it hears any of the sixteen DTMF tones. Jumper selectable modes are available for momentary, interlocking-latching, two-tone and anti-falsing. Applications include backup transmitter control over STL, radio or telephone coupler, remotely controlled audio switcher, etc. It is also perfect for interfacing networks to your automation, controlling remote satellite receivers, repeaters etc. Options: the SILENCER option board lets you send inaudible DTMF control signals via your RPU, satellite, dedicated loops, or standard dial-up phone lines. Your talent or producer in the field can fire IDs, start breaks, light up an attention flasher, or control just about anything right in the program path, without getting any tones on the air.

DTMF16 Mfr. List \$195.00 Call For BSW Price  
SILENCER Mfr. List \$159.00 Call For BSW Price

## GENTNER



### GSC3000 - Remote Site Control

The GSC3000 was developed to address the needs of broadcasters requiring extensive control capabilities, yet with its modular approach, it is designed to handle a variety of application from a single site with minimal requirements, to large multi-site networks with extensive requirements. It incorporates several features found in the popular VRC2000 plus new features and capability that leave an open door for system expansion. Features: site expandability that is easy to manage; control of one to 256 sites; 8 to 256 logical channels of metering, status and command per site; single or multiple PC monitoring sites; friendly Windows® based operation—simply click on the desired area and its information pops up on your screen; PC-based voice/DTMF option allows monitoring and control of multiple site locations from a single dialed number; purchase affordable 8 or 16 channel site controllers plus the interface options required for your application.

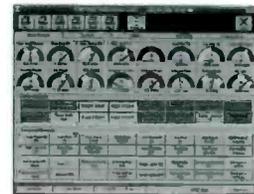
Typical 16 Channel Package Under \$4,000 Mfr. List  
BSW System Prices Based On Configuration



### 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. Features: 16 single-ended analog metering channels; 16 TTL compatible status channels; 32 "open collector" transistor command outputs; 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



### VRC-WIN - PC Control Software

Point and click your way to total transmitter control with optional VRC-WIN software. Compatible with your PC running Windows 3.1 or later, VRC-WIN lets you dial and connect to any of six sites, see current conditions and take corrective action with the click of your mouse.

VRC-WIN Mfr. List \$195.00 Call For BSW Price

## MOSELEY



### MRC1620 - Remote Control System

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

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

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

Call For BSW Prices



### MRC2 - Remote Control System

Multi-site, multifunction, the MRC2 controls and monitors as many as 99 remote sites, with multiple control terminal capability to let you delegate control from master to master as needed. Up to 255 status, 255 telemetry and 255 command channels supervise your sites.

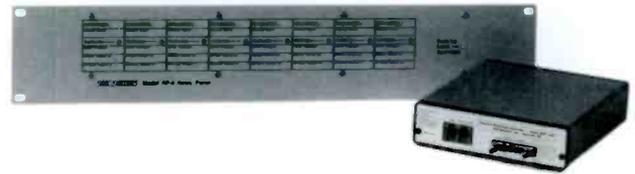
Command, status and telemetry setup is straight forward on the MRC2. Using the remote terminal keyboard and 48 character alphanumeric LED display, the system provides plain English prompting and menu pages for setup selection. Similar procedures are used at the control terminal to set up and verify telemetry limits, assign data links and to set up controlled access for restricted functions.

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

Prices Based On Configuration

E-mail: [sales@bswusa.com](mailto:sales@bswusa.com)

## SINE SYSTEMS



### RFC1B - Remote Control

Control and monitor your transmitter from any telephone with the Sine Systems RFC1/B, the affordable fully-featured dial-up remote control. It speaks to you with a natural human voice! Its built-in alarm system phones up to six different telephone numbers to report out-of-tolerance conditions. It can automate transmitter power/pattern changes as well. The basic system consists of one RFC1/B and one RP-8, eight-channel relay panel. Add more RP-8's for additional channels.

Options: SP-8 heavy-duty surge protection system (Sine Systems will cover lightning damage under the one-year warranty with systems using the SP-8); RS-232 option lets your RFC1/B system print your readings with a serial printer. Multiple RFC1/B sites can log into the same printer; ACM-1 not only tells you if the lights are on or off, it can detect a change in average lighting current as small as 1%; AFS-1 audio fail safe detects the loss of program audio. It can monitor 2 audio channels with an adjustable delay time for relay closure.

RFC1B	remote control	Mfr. List \$1,199.00
RP-8	relay panel	Mfr. List \$399.00
SP-8	surge protector	Mfr. List \$129.00
RS-232	printer port	Mfr. List \$249.00
ACM-1	current meter	Mfr. List \$99.00
AFS-1	audio fail safe	Mfr. List \$249.00

Call For BSW Prices



### DAI-1 - Dial-Up Audio Interface

The DAI-1 Dial-up Audio Interface provides an impressive array of control features. It combines an autocoder, a dial-out alarm, two AGCs, a DTMF operated equipment controller and an audio switcher into one affordable device. It is commonly used as a tool for "walkaway" EBS compliance. Another popular application is to allow "dial-up" remote broadcasts when the studios are unmanned. Options include the DB-1 50 millisecond delay board that prevents DTMF tones getting on the air, the CI-1 Composite Insertion Module for use when discrete audio is not available and the DAI-RP rack mount kit.

DAI-1	Mfr. List \$699.00	Call For BSW Price
-------	--------------------	--------------------

## TELTEK



### INFORMERITX - Temperature Sensor

InformerITX 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.

INFORMERITX	BSW Price \$74.95
-------------	-------------------

Toll-Free Phone: 800 · 426 · 8434  
Toll-Free Fax: 800 · 231 · 7055

### BELAR

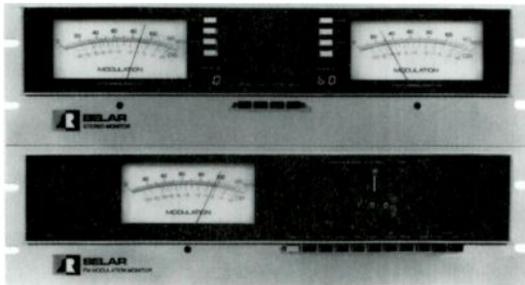


#### FMMA1 WIZARD™ - Digital FM Modulation Analyzer

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 FMMA1 combines with the FMMA1 baseband unit to offer DSP-based stereo monitoring.

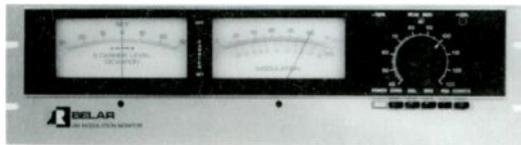
FMMA1	FM Wizard	Mfr. List \$3,300.00
FMSA1	stereo monitor	Mfr. List \$3,900.00
AMMA-1	AMWizard	Mfr. List \$3,300.00

Call For BSW Prices



FMM2

FMS2



AMM2B

#### FM/AM SERIES - Modulation/Frequency Monitoring Products

For more than 30 years Belar has been making precision modulation monitoring products and established a reputation that makes their name synonymous with reliability. Belar makes a model and options to fit every application.

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

FMM2	FM precision modulation monitor	Mfr. List \$1,790.00
FMS2	FM stereo modulation monitor	Mfr. List \$2,050.00
FMM4A	FM digital frequency monitor	Mfr. List \$1,590.00
SCM2	SCA modulation monitor	Mfr. List \$2,050.00
RFA4	frequency agile FM RF amplifier	Mfr. List \$1,190.00
RFA1A	fixed frequency FM RF amplifier	Mfr. List \$850.00
AMM2B	AM modulation monitor	Mfr. List \$1,590.00
AMM3	AM modulation monitor	Mfr. List \$1,790.00
AMM4	AM digital frequency monitor	Mfr. List \$1,390.00
RFA2	AM RF amplifier (specify frequency)	Mfr. List \$790.00

Call For BSW Prices

### DELTA



#### SM-1 - AM Splatter Monitor

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

SM-1	Mfr. List \$3,995.00	Call For BSW Price
AWA1 Active Whip Antenna	Mfr. List \$695.00	Call For BSW Price

### 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.

530-00	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.

691/01 Mfr. List \$6,875.00 Call For BSW Price

## TFT



### 844A - FM/Stereo Modulation Monitor

You get everything you need for complete proof of performance measurements (for distortion, an external analyzer is needed) right on the front panels, plus accuracy, versatility and convenience no other monitors can match. The 844A FM Monitor combines a tunable RF preselector, a baseband monitor and a stereo monitor in one compact instrument.

844A Mfr. List \$5,150.00 Call For BSW Price



### 884 - FM Stereo Modulation Monitor

A cost effective alternative to TFT's popular Model 844. It can be used for transmitter proof of performance measurements or for off-air monitoring. The frequency synthesized preselector lets you compare your signal with other stations.

884 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.

SC100 Mfr. List \$3,395.00 Call For BSW Price

## INOVONICS

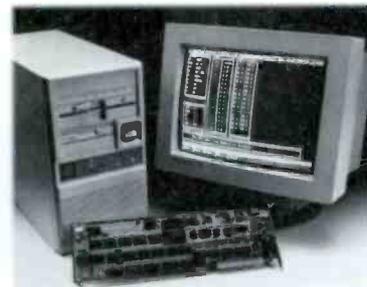


### 710 - RDS Encoder

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.

710 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.

RDS1 Mfr. List \$1,750.00 Call For BSW Price

## BELAR



### RDS-1 - RDS/RBDS Monitor

The RDS-1 displays RDS/RBDS parameters including RDS injection; stereo pilot injection, RDS/pilot phase error; radio text; alternative frequencies; data channels; groups present; location/navigation; radio paging and more. It also features an RS-232 port for computer display.

RDS-1 Mfr. List \$2,200.00 Call For BSW Price

## INOVONICS



### 510-000 - RDS Decoder/Reader

The 510 connects to the output of any FM modulation monitor to verify your RDS signal. It accurately measures injection level and reads station, format and program IDs; radio text; alternate frequencies and traffic flags. Additional features include an internal "glossary" to locate groups of interest, an RS-232 port for external PC control and optional software for expanded features.

510-000 Mfr. List \$1,950.00 Call For BSW Price

## CIRCUITWERKES



### TELERADIO - Remote Controlled Listen Line

Why settle for conventional taped air checks when you can have immediate air checks at your fingertips. The TeleRadio is a rack mounted device that contains an AM/FM tuner coupled with a switcher that allows any touch-tone telephone to change station presets so you can listen to your station and the competition in real-time. Perfect for programming consultants and group program directors to monitor up to 10 radio stations in the same market from a remote location. TeleRadio's auto answer and auto hang-up feature allows for unattended operation.

TELERADIO Mfr. List \$689.95 Call For BSW Price

## DENON



### TU380RDS - AM/FM/RDS Tuner

This tuner features comprehensive RDS receiving and display facilities in an affordable package. RDS features include program service name (name of station being received), program type indication and search; radiotext message (up to 64 characters on a scrolling display); traffic program/traffic announcement identification and clock time. Additional performance features include high sensitivity; high S/N ratio; low distortion; wide/narrow IF Bandwidth selection (FM) as well as 40 station preset memory with custom character display for each preset.

TU380RDS Mfr. List \$325.00 Call For BSW Price

## ROLLS



### RS78B/RS79 - AM/FM Tuner

These single rack space tuners offer the features and performance broadcasters need at very affordable prices. The RS78B features 16 FM and 8 AM presets that stay in memory for up to 4 days with power off. Its large LCD display stays visible even in bright daylight.

The RS79 adds balanced XLR outputs, a signal strength meter, a front panel headphone jack and 3-year preset memory.

RS78B Mfr. List \$247.00 Call For BSW Price  
RS79 Mfr. List \$298.00 Call For BSW Price

## TECHNICS



### STK550R - AM/FM Tuner

BSW has combined a quality consumer hi-fi AM/FM tuner with our own custom rack hardware to bring you another fantastic value. The Technics STK550R features a total of 30 presets for FM and AM frequencies. Non-destructive memory allows presets to stay intact even when power is off.

STK550R Mfr. List \$199.00 Call For BSW Price

## MARTI



### SRPT-40/SRPT-20 - RPU Transmitters

The SRPT-40 and SRPT-20 incorporate all the features found in the popular RPT-30 and RPT-15 and add the ability to change frequency by means of front panel thumbwheel switches. Thanks to new switching power supplies, these transmitters produce 30% more power with 30% less weight and cooler operation. **Features:** (SRPT-40): 40 watts maximum output power at 400-480 MHz (other bands available); select frequencies directly from front panel; 4 balanced microphone inputs (one switchable to balanced line level); sub-audible tone encoder for activating repeaters or other equipment; built-in audio compressor. **Features:** (SRPT-20) 20 watt version; select frequencies directly from front panel; one unbalanced XLR mic input and one 1/8" mini jack unbalanced input with mix control; subaudible tone encoder; built-in audio compressor.

SRPT40	Mfr. List \$2,795.00	Call For BSW Price
SRPT20	Mfr. List \$1,995.00	Call For BSW Price



### RPT30/RPT15 - Remote Pickup Transmitters

Remotes are a breeze with a Marti Remote Pickup System. The RPT30 transmitter offers four balanced microphone inputs (one selectable for line level) and a built-in FM compressor providing automatic modulation control.

The RPT15 is a compact 15 watt transmitter that can operate on 115 VAC or 12-14 VDC. It features an XLR mic input, Aux line level input and built-in FM compressor/limiter.

The RPT-2 is Marti's hand-carried RPU transmitter that operates for up to 3 hours on an internal Ni-Cad battery, from 115 VAC or an external 12 VDC power source.

All of the above models are available as single or dual frequency systems.

RPT30	30 watt transmitter	Mfr. List \$1,815.00
RPT15	15 watt transmitter	Mfr. List \$1,165.00
RPT2B	mobile transmitter with battery	Mfr. List \$1,155.00

Call For BSW Prices



### CR10D - RPU Receivers

The CR-10D receiver offers single or dual-frequency operation with legendary Marti reliability. **Features:** built-in test meter; squelch relay; monitor speaker; subaudible tone decoding and noise reduction circuitry.

CR10D	single frequency	Mfr. List \$1,395.00	Call For BSW Price
CR102D	dual frequency	Mfr. List \$1,425.00	Call For BSW Price

## MARTI



### SR10 - RPU Receiver

The frequency agility and superior selectivity of the Marti SR-10 help you maneuver through the high interference levels that plague today's RPU bands. **Features:** front panel channel selection (12.5 kHz steps) with 6 programmable priority channels that can be scanned or selected (option available for remote channel selection and display); front panel speaker and headphone jack with monitor level control; automatic noise reduction circuit; optional subaudible tone decoding.

SR10	Mfr. List \$2,500.00	Call For BSW Price
------	----------------------	--------------------

## MOSELEY



### STARLINK 9001 - Digital RPL

Using the latest in spread spectrum technology and audio source coding, this system provides CD-quality stereo remotes over distances of up to 30 miles. **Features:** ISO/MPEG or ADPCM (apt-X) plug-in source coder; up to 30 miles line of sight range; 2.4 GHz band; requires no license; antenna mount AMP/LNA; CD quality stereo simplex/duplex; built-in AES/EBU and sample rate converter

SL9001SS	digital RPL system	Mfr. List \$8,250.00	Call For BSW Price
----------	--------------------	----------------------	--------------------

## QEI



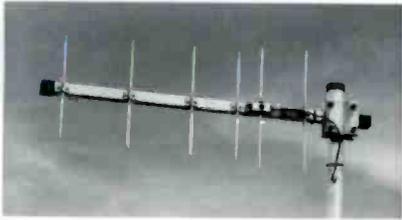
### QUICK-LINK II - Digital Radio Link

This digital system operates in an unlicensed frequency spectrum to provide 15 kHz stereo or mono audio for your remotes. **Features:** eliminates the expense and hassles of setting up telephone lines; free from the interference and other inherent problems of analog RPU systems; linear digital audio (no compression); no licensing required; line of sight path and appropriate gain antennas required for proper operation; stereo analog I/O connectors are XLR Hi-Z (optional 600 ohm balanced). **Options:** QLC configuration software allows changing of the operating frequency, bandwidth, data rate and audio level via local PC, or remotely via modem (not required for normal operation); QL-BA balanced I/O; GL-YAGI 15 dBi gain yagi with radome (type "N" female input).

QUICKLINKII	digital remote system	Mfr. List \$8,495.00
QLC	configuration software	Mfr. List \$195.00
QLBA	balanced audio I/O	Mfr. List \$400.00
QLYAGI	15 dBi yagi	Mfr. List \$266.00

Call For BSW Prices

### ANTENNACO



#### H SERIES - RPU Yagi Antenna

A heavy duty yagi with a sealed feed and solid rod elements to withstand the harshest environments. These reliable, 6 element, 9 dBd gain antennas are available in models to cover the 406-512 MHz range. Models for other frequencies and gains are also available

H Series specify frequency Mfr. List \$227.00 Call For BSW Price

### 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 broad-band 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.

CA7-460 Mfr. List \$220.00 Call For BSW Price

### MARTI



#### YC SERIES - Yagi Antenna

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 \$200.00 Call For BSW Price

### WILL-BURT



#### Pneumatic Telescoping Masts

Will-Burt's pneumatic telescoping masts are a quick and convenient way to get the antenna height you need from your remote vehicles. The masts are extended from their compact nested height by pneumatic pressure supplied by air compressors, hand pumps or compressed air bottles. They can be mounted to extend through the roof of a remote vehicle, or on the vehicles rear bumper.

Call BSW For Pricing And Detailed Specifications



#### HURRY-UP - Telescoping Mast

Here's a simple, inexpensive, and effective portable antenna mast for your remotes. The TMD Hurry-Up mast is designed for fast and easy deployment of light weight antennas. It consists of 6 graduated aluminum tubes which nest one inside another. The mast is extended by pushing up the sections and fixing them into position using quick lock/release collars. It can be fully extended to 25' in one minute or less. Hurry-Up is free standing in its universal vehicle mounting stand so you can take it on remotes using whatever vehicle is available. Weight is only 20 lbs. with a nested height of 6'-0".

HURRY-UP Mfr. List \$1,450.00 Call For BSW Price

# Program Conveyance

Getting your signal from Point A to Point B is not really all that difficult. Getting it there in its purest form reliably is a more difficult task. Don't leave something as important as the conveyance of your air signal to amateurs. For over 25 years, thousands of broadcasters worldwide have delivered their programming with Moseley.



**DSP 6000**

The digital STL solution for the all digital airchain.



**Starlink 9003T1**

An all digital, open architecture, modular system for transmitting audio and data over T1/E1 lines.



**PCL 6020/6030**

Frequency-agile composite system built to perform in the harshest RF environments.



**RPL 4000**

Frequency-agile UHF RPU for stations on the go who demand quality remote broadcasts.



**Starlink 9001SS**

A 2.4 GHz Spread Spectrum link for stereo remotes up to distances of 25 miles.

## Moseley

Moseley Associates Inc.  
111 Castilian Drive  
Santa Barbara, Ca. 93117

**Legendary Quality. Uncompromised Audio. Incredible Reliability**  
**Moseley. The Trusted Name In Communications**

## MARTI



### STL15C - Composite 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.

STL15C/R15C Composite Stereo System Mfr. List \$7,000.00  
Call For BSW Price



### STL10 - STL System

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: 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.

STL10/R10 mono system Mfr. List \$3,550.00 Call For BSW Price



### MD2E/MD2D - Digital Encoder/Decoder

Upgrade the performance of your composite analog STL with the MD-2E digital encoder and MD-2D digital decoder. Combined with the Marti STL-15C, or other current composite STL systems the MD-2E and MD-2D create a high quality, 16 Bit digital link delivering outstanding audio specifications such as crosstalk of -85dB and dynamic range 93dB typical. Encoder features digital AES/EBU inputs with 3 selectable sampling rates as well as RDS and MPX inputs.

MD2E Mfr. List \$2,500.00 Call For BSW Price  
MD2D Mfr. List \$2,500.00 Call For BSW Price

## MOSELEY



### STARLINK 9003T1 - T1/E1 Audio Transmission System

The Starlink 9003T1 is a powerful, all-digital modular system for transmitting CD quality audio over T1/E1 lines. It provides great flexibility in configuring multiple channel STL/TSL. Perfect for LMAs and duopolys, its configuration options are limited only by one's imagination. This system utilizes a range of personality modules and daughter cards that are housed in a 3 RU mainframe. The mainframe can house up to eight application-specific modules including 16-bit PCM linear digital audio, ISO/MPEG layer II or apt-X source coding, drop/insert and variable-rate digital mux, speech/fax/data cards, T1/E1 and more. A building block "any card, any slot" approach is used resulting in lower cost, greater flexibility and enhanced reliability. The use of international standard digital I/Os allows the system to seamlessly connect to the outside world. This commitment to open architecture gives one the power to choose solutions that will work with existing and future investments. Linear digital audio can be delivered by use of a source coder module, a source decoder module, two T1/E1 line drivers, external CSUs and the mainframes. Full duplex T1/E1 audio transmission is possible by the addition of another source encoder and decoder pair. A digital four-port mux allows additional compressed audio channels to be carried by the system. In addition, data and voice cards for transmitter control and operational communications can be added into the system. Several STL/TSL pre-packaged systems are available, or custom configure a system to your specifications.

Pricing Is Based On Configuration  
Call For Complete Information



### 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.

DSP6000E2	2 audio/one data encoder	Mfr. List \$2,995.00
DSP6000D2	2 audio/one data decoder	Mfr. List \$2,995.00
DSP6000E4	4 audio/2 data encoder	Mfr. List \$4,450.00
DSP6000D4	4 audio/2 data decoder	Mfr. List \$4,450.00

Complete STL Packages Available  
Call For BSW Prices

## MOSELEY



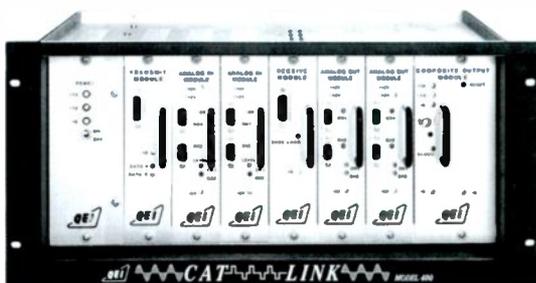
### PCL6000 SERIES - Composite STL Systems

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



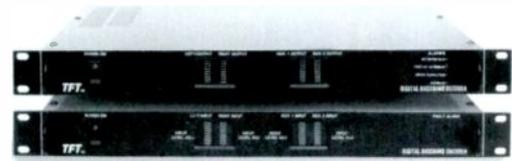
### CAT-LINK - STL/TSL System

CAT-LINK is a digital STL/TSL system that provides two-way transmission of program material over readily-available T1 telco services. Linear Digital PCM encoding/decoding provides a transparent link to the transmitter without audible delays. CAT-LINK offers multichannel send and receive capabilities for discrete audio, composite audio and digital audio via AES/EBU interface. Call BSW for more information.

Prices Based On Configuration

E-mail: [sales@bswusa.com](mailto:sales@bswusa.com)

## TFT



### DMM92 - Digital STL Modem & Multiplexer

DMM92 encoders and decoders allow transmission of digitally encoded audio and computer data via conventional analog radio equipment. A system provides CD quality audio utilizing apt-X sub coding for very short audio delay. Digital and analog I/O and multiple channel versions available.

System Prices From \$6,150.00 Mfr. List  
Call For BSW Pricing And Configuration



### 8910 RECITER - STL Receiver/FM Exciter

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

8910 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 (±12V, ±24V, ±48V). Receiver Features: 0.05% THD, 80 dB SNR, 50 dB stereo separation, high interference immunity without phase distortion, 5-year warranty and built-in receiver switchover.

9100A Mfr. List \$3,725.00 Call For BSW Price  
9107A Mfr. List \$3,385.00 Call For BSW Price



### 9200/9205 - Mono STL System

This economical, frequency synthesized system is designed for single, redundant dual channel, or stereo program transmission. Features: Field programmable frequencies • Spectrum efficient operation • Optional built-in subcarrier generator and demodulator • 0.2% THD, 75 dB SNR, 80 dB channel separation • Built-in receiver switchover unit

9200/9205 System Mfr. List \$3,570.00 Call For BSW Price

Toll-Free Phone: 800 • 426 • 8434  
Toll-Free Fax: 800 • 231 • 7055

# DISPLAY IT!

## Modulation Monitors

- For FM, AM, and SCA
- Digitally tuned RF preselector
- Built in modulation calibrator
- Single unit, modular construction
- Large, easy to read meters for accuracy and reliability



# CONVEY IT!



## STL Systems

- All frequency bands, analog & digital
- Frequency synthesized, field programmable
- Hot stand-by detection & switching
- IF repeater available
- Thousands in use

With over 25 years of manufacturing broadcast equipment, TFT supplies quality products for STL, modulation monitoring and EAS applications. When it comes to equipping your stations choose the experienced leader - TFT.

**TFT** INC

Sound Quality for Over 25 Years

24 hour customer service

## 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 lightweight flat package.

Price Based On Size And Configuration  
Call For BSW Prices

## MARK



### Grid Antennas

Mark grid antennas are very lightweight and durable made of HeliArc welded aluminum for superior strength and rigidity. These grid antennas have virtually the same electrical characteristics of comparable size parabolic reflectors but only about 25-30% of the wind load factor. When ordering specify size, frequency, pressurized or non-pressurized, heated or non-heated.

Price Based On Size And Configuration



### SSH9A72GN - Super Short Haul Antenna

The SSH9A72GN is a point-to-point grid antenna designed to work in any frequency between 940-960 MHz. The antenna has a mid band gain of 20 dBi and half power beamwidth of 19° (horizontal) and 10° (vertical). It weighs only 30 lbs. (including feed and mount), and utilizes universal clamps for quick and easy installation on pipe diameters from 1.9" to 3.5" O.D. UPS shippable!

SSH9A72GN 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.

SC48 Mfr. List \$850.00 Call For BSW Price

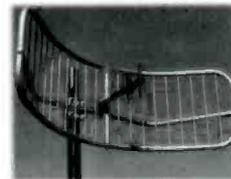
## SCALA



### 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

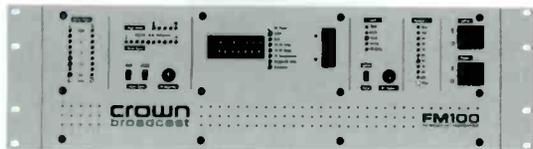
### PR SERIES - Paraflector® Antennas

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 \$650.00 Call For BSW Price  
MF960 Mfr. List \$350.00 Call For BSW Price

### CROWN



#### FM SERIES - Integrated FM Transmitter Systems

Crown integrated FM transmitter systems combine built-in audio processing and stereo generator in one rugged, compact unit. Each model provides excellent signal quality, ease of use, and economical long-term reliability. The highly efficient 2 kW transmitter is broadband and 75 to 80% efficient across the band. It features hot swappable 500 watt power modules, a responsive protection mode and a power factor corrected power supply. All Crown units now feature a 3 year warranty.

FM30T	30 watt transmitter	Mfr. List	\$3,995.00
FM100T	100 watt transmitter	Mfr. List	\$5,995.00
FM250T	250 watt transmitter	Mfr. List	\$7,295.00
FM500T	500 watt transmitter	Mfr. List	\$9,495.00
FM2000T	2kW transmitter	Mfr. List	\$20,795.00

Call For BSW Prices

### MARTI

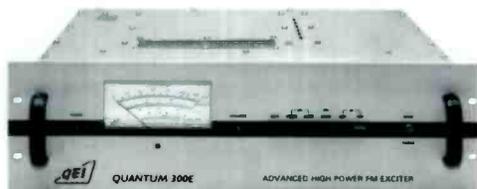


#### ME40 - FM Exciter

The ME40 is a quality 40 Watt synthesized FM Exciter at a surprisingly low price. This is an excellent choice to replace your older exciter or for use as a standby. Features 40 Watts VSWR protected power, peak-hold baseband modulation LED display, test multimeter with forward and reverse power ranges, full remote capability, and 2 year limited warranty.

ME40	Mfr. List	\$3,995.00	Call For BSW Price
------	-----------	------------	--------------------

### QEI



#### QUANTUM E SERIES - FM Exciters/Transmitters

The E SERIES establishes a new level of FM performance with the advantage of highest power emergency back-up available in an exciter style package. QEI took the field-proven design of the model 695 exciter and incorporated high power FET amplifiers to deliver un-compromised performance as a transmitter, exciter, booster or translator (option). Features: Frequency synthesized in 100 kHz increments (10 kHz optional); phase locked; "on-carrier" direct FM; unconditionally stable solid state amplifier and ultra low distortion, crosstalk and noise. Power levels from 75 watts to 1000 watts.

Price Based On Power Level

### 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 cableless, 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



#### 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

## DIELECTRIC

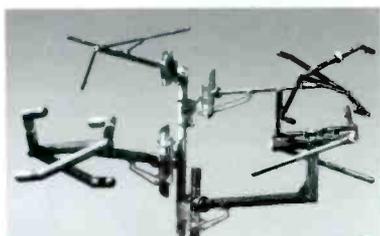


### FM Antennas

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

## JAMPRO



### FM Antennas

Jampro manufactures a complete line of FM antennas and associated RF products including the "Penetrator" series of FM sidemount antennas, the JBCP "Rototiller" design and the revolutionary JBBP balun fed balanced sidemount. Jampro antennas are available in a wide variety of power levels and configurations for virtually any application. Over 35 years of manufacturing expertise goes into every antenna, combiner, filter and rigid line component they make.

Call BSW For Prices And Specifications

## SHIVELY



### FM Antennas

A good antenna is crucial to quality broadcasting. An antenna that is merely adequate will compromise the performance of even the best studio equipment and transmitter. Shively regularly includes standard features that other companies either provide only as options or simply do not offer.

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

Shively engineering expertise and quality components further enhance performance.

Call BSW For Prices And Specifications

## ALTRONIC RESEARCH INC.

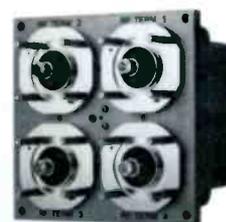


### RF Coaxial Load Resistors

Altronic Research, Inc. manufactures the Omegaline RF coaxial load resistors (dummy loads). These are economical, lightweight, portable dummy loads for terminating coaxial transmission lines and are available in air or water cooled models.

Prices Based On Configuration

## DELTA



### Coaxial Transfer Switches

Delta Electronics offers a range of high quality RF related products including a series of coaxial transfer switches for 3 1/8" and 1 5/8" transmission line. These units can switch transmission line in less than two seconds with manual or remote operation.

Call BSW For More Information

## DIELECTRIC



### RF Products

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

Call BSW For More Information

## ELECTRO IMPULSE



### RF Coaxial Loads

Electro Impulse is a leading supplier of specialized equipment for the communications and broadcast industries such as dry, forced air cooled loads, termination type power meters and attenuators. Call us with your requirements.

Prices Based On Configuration

### KINTRONIC LABORATORIES



#### Isocouplers

Kintronic Laboratories' Isocouplers provide versatility to existing AM radiating elements by allowing for installation of transmit/receive, FM/TV antennas operating in the frequency range of 30-1000 MHz without disrupting AM antenna characteristics.

Pricing Based On Configuration

### MODULATION SCIENCES



#### CLD2504 - Composite Distribution Amplifier

Modulation Science's one-in four-out Composite DA lets you continuously and simultaneously drive dual main transmitters, back-up transmitters, alternate processor setups, etc.

CLD2504

Mfr. List \$950.00

Call For BSW Price

### SVETLANA



#### Power Grid Tubes

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

Call For BSW Pricing And Configurations

### TWR



#### Lighting Equipment

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

Call For BSW Pricing And Configurations

### ANDREW



The Andrew Corporation, the world leader in the design and manufacture of communications equipment and systems, is well known in the radio broadcast community for supplying high quality transmission cable and related accessories. BSW is proud to represent a complete line of products for all your transmission cabling requirements including HELIAX<sup>®</sup> foam and air-dielectric cable connectors and accessories, rigid transmission line and accessories, and STL antennas. BSW also stocks 1/2" transmission line for immediate delivery. Custom connector installation available.

Call BSW 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

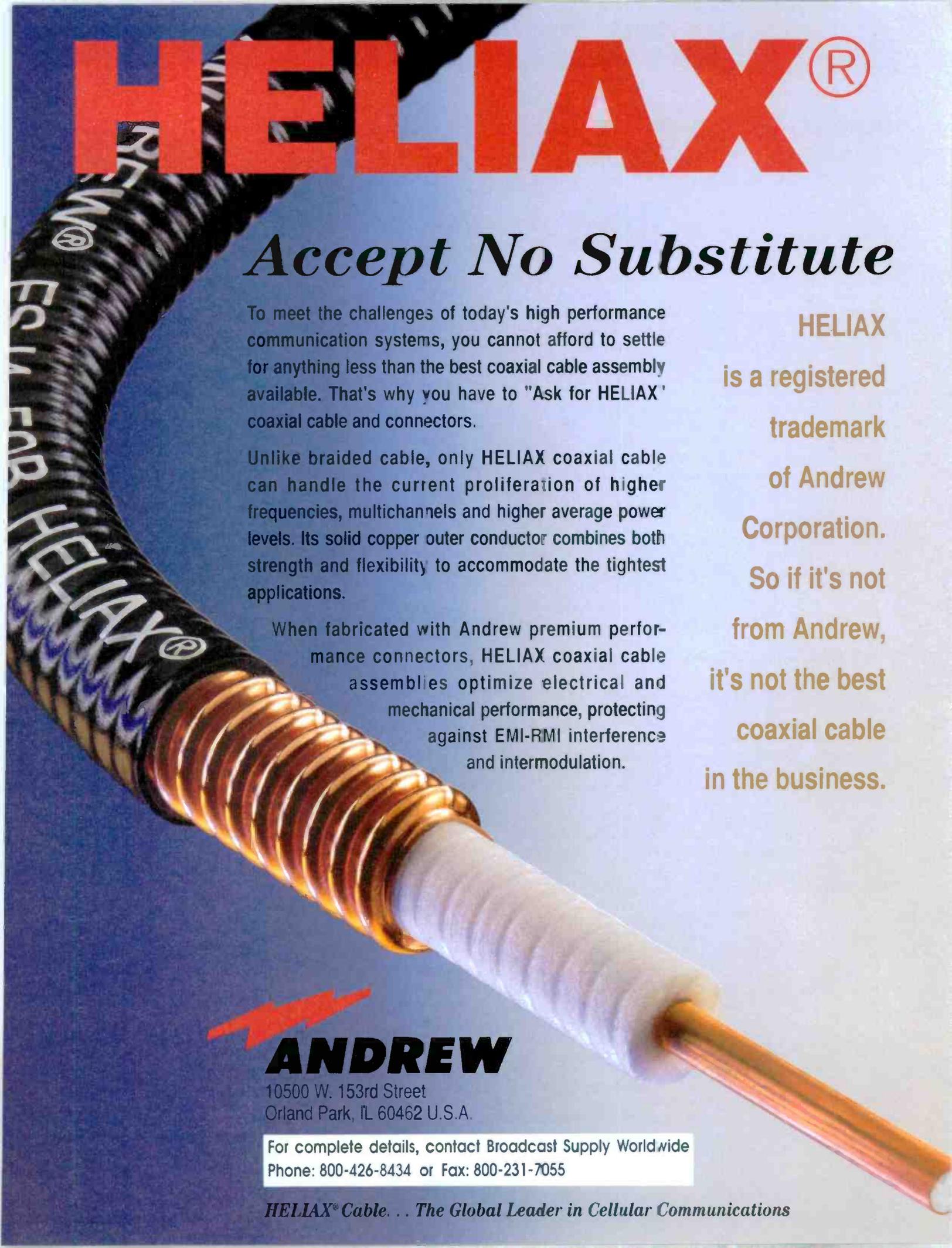
### DIELECTRIC



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

# 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-RMI 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.



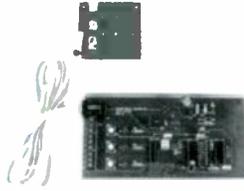
**ANDREW**

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

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

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

### BROADCAST TOOLS



#### USC-16/XP-3 - Satellite Channel/Transponder Controllers

The USC-16 provides remote channel selection for DAT-SEDAT digital audio cards installed in Scientific Atlanta DAT-32 Series, Comtech/Fairchild DART-384 and Ariel receivers, along with sixteen memory selections for Scientific Atlanta ENCORE, DSR-3610, or AD-4595 receivers. 2400/9600 baud serial port for computer control, status and easy programming.

The XP-3 provides remote transponder selection for Scientific Atlanta, Comtech/Fairchild and Ariel receivers. It allows selection of the three transponder channels via users remote control systems or switch contacts. It is equipped with a wire captive terminal strip providing remote control and status, along with local switches for transponder selection.

**USC16** channel selector Mfr. List \$349.00 Call For BSW Price  
**XP3** transponder controller Mfr. List \$299.00 Call For BSW Price

### CIRCUITWERKES



#### DS-8/SUB-03 - DTMF/Subaudible Tone Decoders

The DS-8 is a DTMF sequence decoder providing dry closures for 8 different tone sequences. Can decode four digit DTMF sequences used by networks for automating closed circuit feeds and local insertions. Relays can be easily programmed via DTMF phone to operate in momentary, latching, or interlocked latching modes.

Sub-03 is a subaudible tone decoder for industry standard 25 Hz and/or 35 Hz tones providing dry relay contacts. Features include presence and clipping LEDs; input gain adjustment; variable balanced output; integral output filtering.

See page 96 for DTMF-16 DTMF controller.

**DS-8** DTMF decoder Mfr. List \$299.00 Call For BSW Price  
**SUB03** 25 Hz/35 Hz tone decoder Mfr. List \$289.00 Call For BSW Price

### ZEPHYRUS

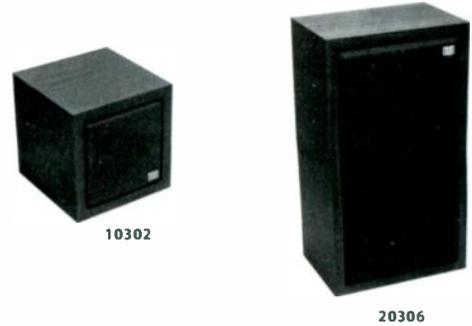


#### 700 SERIES/300 SERIES - Satellite Receivers

The Zephyrus 700 Series single or dual channel SCPC receivers offer outstanding performance and features at an affordable price. Zephyrus also manufactures a full line of electronics to receive and process baseband signals, audio and "sub-audible" tones transmitted by networks to their affiliates. The 300 Series provides a modular approach that allows you to purchase only the equipment needed for a particular application.

Call For Complete Information And Pricing

### ALC



#### 10302/20306 - Monitor Speakers

ALC speakers are compact affordable and sound great. The 10302 is a full range cube speaker (7 7/8") with snap away grill. The 20306 is a compact two-way system with 8" woofer and phenolic tweeter.

**10302** Mfr. List \$124.00/pair Call For BSW Price  
**20306** Mfr. List \$261.00/pair Call For BSW Price

### ALESIS

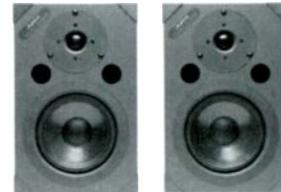


#### MONITOR ONE/MONITOR TWO - Studio Reference Monitors

Monitor One™ is a compact near-field reference speaker with wide frequency response, accurate transient reproduction, clear imaging and high power handling capability. Alesis' exclusive SuperPort™ technology and proprietary 6.5" mineral filled low frequency driver give Monitor One™ solid high-power bass transients and low frequency response extended beyond that of comparable near-field monitors. It's 1" silk-dome high frequency driver adds accurate high-end to the system. Monitor Two™ offers the same accurate tonal balance and imaging of the Monitor One™ but with a 10" three way speaker design producing a larger sound field, extra deep bass and exceptional mid frequency detail. Both models are covered with a nonslip rubber textured laminate finish.

**MONITOR ONE** Mfr. List \$399.00/pair Call For BSW Price  
**MONITOR TWO** Mfr. List \$699.00/pair Call For BSW Price

Available In North America Only



#### POINT SEVEN - Shielded Reference Monitors

These affordable reference monitors are acoustically balanced providing accurate, flat audio reproduction. Since they offer magnetic shielding, they are perfect for use with computer based workstations, video editing suites, MIDI studios, or any facility using video monitors. Additional features include front ported venting system for tight bass response and high power handling capability.

**POINTSEVEN** Mfr. List \$299.00/pair Call For BSW Price

Available In North America Only

## AUDIX



PH5II

PH15

### PH5II/PH15 - Powered Monitor Speakers

Audix has combined great sound quality and very competitive pricing in these compact powered monitor speaker sets. The PH-5II features a 5 1/4" woofer and 3/4" tweeter driven by a 40 watt per channel internal amplifier. It is housed in a durable, high impact plastic cabinet with a wire mesh speaker grill, making it ideal as a portable set of monitors. Inputs to the amplifier are RCA unbalanced. The speaker pair is connected via a standard speaker cable with 1/4" connectors (included).

The PH-15 is housed in a dense particle board cabinet with front porting. It features a 3/4" polycarbonate-dome, ferrofluid tweeter and a 5 1/4" long-excursion, rubber surround woofer powered by an internal 40 watt per channel amp. High quality crossovers ensure superb definition and clarity. PH-15s provide a great sounding, inexpensive and space-saving solution for monitoring in small production or control rooms. Amp inputs are balanced (floating ground) via RCA connectors. 1/4" speaker connection cable is supplied. Both models are available in shielded or non-shielded versions.

PH5II	Mfr. List \$289.00/pair	Call For BSW Price
PH15	Mfr. List \$449.00/pair	Call For BSW Price

## ELECTRO-VOICE



S-40B

S-60B

S-80A

### 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
S-60B	Mfr. List \$229.00 ea.
S-80A	Mfr. List \$270.00 ea.

Call For BSW Prices

## ELECTRO-VOICE



### SENTRY 100A -Monitor Speakers

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

#### SENTRY 100EL

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

SENTRY 100A	Mfr. List \$459.00 ea.	Call For BSW Price
SENTRY 100EL	Mfr. List \$909.00 ea.	Call For BSW Price



### SX100/SX200 - Loudspeaker

The SX200 is a two-way, high efficiency portable speaker system with a 12" low frequency driver and a molded-in constant-directivity horn with 300 watt long term power handling capability. It is lightweight (39 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. SX200a is a powered version with an integral 600 watt power amplifier and a net weight of only 47 lbs.

The SX100 is a lower output, lighter weight version of the SX200. Both the SX200 and SX100 are available in black or white.

A specially matched powered or unpowered bass module and electronic crossover are also available for extended system bass response.

SX200	300 watt speaker	Mfr. List \$755.00
SX200A	powered speaker	Mfr. List \$1,165.00
SX100	200 watt speaker	Mfr. List \$577.00
SB120	bass module	Mfr. List \$544.00
SB120A	powered bass module	Mfr. List \$945.00
XP200A	electronic crossover	Mfr. List \$352.00

Call For BSW Prices

## EVENT



### 20/20 - Monitor Speakers

Your search for very accurate studio monitors doesn't have to end in spending a fortune, at least not with the 20/20. Designed by industry veterans Frank Kelly and Walter Dick, the 20/20 and 20/20bas speaker systems offer very reliable, flat monitoring that's within reach of almost any budget.

The 20/20 is a passive speaker with the following features: a 25mm silk dome tweeter with aluminum voice coil support and ferrofluid cooling that is very reliable and doesn't cause ear fatigue over long listening periods; 8" mineral impregnated precision polypropylene woofer with highly damped rubber surround for consistent and smooth extended range frequency response without the need for added EQ; a very solid laminated MDF cabinet with extra acoustical damping to reduce standing waves; a front mounted, large diameter bass port; 2nd order passive crossover.

The powered 20/20bas includes the components of the 20/20 with the following additions: an active asymmetrical 4th order crossover; a 130-watt amplifier designed specifically for and directly connected to the woofer; a 70-watt amplifier designed specifically for and directly connected to the tweeter; front panel power on/clip LED; a combination 1/4"/XLR input with level adjustment; precision HF and LF adjustments; standard detachable power cord.

20/20	passive speakers	Mfr. List \$399.00/pair
20/20BAS	bi-amplified speakers	Mfr. List \$999.00/pair

Call For BSW Prices

## FOSTEX



### 6301B - Amplified Speaker

The 6301B features a built-in 10 watt amplifier and can accept any line or instrument-level input, even from an amplifier. The 6301BEAV is a shielded version with balanced, XLR inputs. 6301BDUALRAC (pictured) is an optional dual rack kit from Middle Atlantic that fits two 6301s horizontally in three rack spaces.

6301B	unbalanced	Mfr. List \$199.00/ea.
6301BEAV	balanced, shielded	Mfr. List \$239.00/ea.
6301BDUALRAC	dual rack kit	Mfr. List \$98.00

Call For BSW Prices

## JBL



### 4206/4208/6208 SERIES - Monitor Speakers

This radical speaker design was developed for near-field monitoring with maximum stereo imaging and reduced listener fatigue. High frequency and low frequency drivers are offset and aimed to deliver both HF and LF information to the listening position at precisely the same instant. All models feature a charcoal laminate finish. The model 4206 features a 6" LF Driver and 1" pure titanium dome tweeter. The 4208 offers an 8" LF Driver and 1" pure titanium dome tweeter. The 6208 is a powered version of the 4208 with a bi-amplification system specifically designed for its speaker components and acoustic characteristics.

4206	unpowered, 6" woofer	Mfr. List \$408.00/pair
4208	unpowered, 8"	Mfr. List \$536.00/pair
6208	powered, 8"	Mfr. List \$499.00/ea.

Call For BSW Prices



CONTROL 1



CONTROL 1 PLUS



CONTROLS

### 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	Mfr. List \$292.00/pair
CONTROL 1 PLUS	Mfr. List \$372.00/pair
CONTROL 5	Mfr. List \$502.00/pair
CONTROL 8SR	Mfr. List \$318.00/ea.
CONTROL 10(LR)	Mfr. List \$716.00 ea.
CONTROL 12SR	Mfr. List \$996.00 ea.

Call For BSW Prices

## JBL



### 4400A SERIES - Monitor Speakers

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

4408A	(specify left or right)	Mfr. List \$355.00 ea.
4410A	(specify left or right)	Mfr. List \$492.00 ea.
4412A	(specify left or right)	Mfr. List \$738.00 ea.

Call For BSW Prices

## RAMSA



### WSA SERIES - Loudspeakers

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

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

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

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

WSA200	12 inch 2-way	Mfr. List \$775.00 ea.
WSA240	subwoofer	Mfr. List \$650.00 ea.
WSA80	8 inch 2-way	Mfr. List \$360.00 ea.
WSSP2A	subwoofer processor	Mfr. List \$360.00 ea.

Call For BSW Prices

## SPIRIT



Absolute 2

Absolute Zero



Absolute 4P

### ABSOLUTE SERIES - Monitor Speakers

Absolute near field monitor speakers were designed to meet the following criteria: even frequency response at high or low levels, on and off axis; natural uncolored sound that is not exaggerated or enhanced; will not cause listening fatigue; reliable in prolonged professional use. The Absolute Zero is an entry level speaker featuring 1" soft dome tweeter and long throw 6.7" woofer in a rear ported enclosure. The Absolute 2 adds heftier components in a front ported design for even smoother bass response. The Absolute 4P is a bi-amplified version (100 watts to LF, 100 watts to HF) with XLR and RCA input connectors.

ABSOLUTEZERO	passive, rear ported	Mfr. List \$369.00/pair
ABSOLUTE2	passive, front ported	Mfr. List \$499.00/pair
ABSOLUTE4P	powered monitor	Mfr. List (not available at printing)

Call For BSW Prices

## TANNOY



### SBM - Monitor Speakers

The SBM utilizes a 6.5 injection moulded low frequency driver and a robust 3/4" fluid cooled material dome tweeter. Designed specifically for smaller studios, the SBM delivers linear extended low frequency down to 45 Hz, smooth and extended high frequency and the well controlled, detailed midrange that Tannoy is famous for.

SBM	Mfr. List \$295.00/pair	Call For BSW Prices
-----	-------------------------	---------------------

## TANNOY



### SYSTEM 600/800 - Monitor Speakers

Both System 600 and System 800 possess high sensitivity (+90 dB) and power handling (150+ watts) to achieve high sound pressure levels at the mix position. Coupled with the phase coherent, point source Dual Concentric drive units is an innovative, low profile landscape cabinet design that provides better line of sight over the console, improves overall tonal balance and results in deeper bass extension for both models

SYSTEM 600	Mfr. List \$695.00/pair	Call For BSW Price
SYSTEM 800	Mfr. List \$995.00/pair	Call For BSW Price



### PBM 6.5II - Monitor Speakers

The market leader in its class since 1987, the PBM6.5II is the result of many years of fine tuning. This 6.5" two-way design features a hardwired, hand selected minimalist crossover network providing uncompromising detail, precise spectral resolution and flat frequency response. The fully radiused, rear ported cabinet design reduces resonance and diffraction while providing deep extended low frequency.

PBM 6.5II	Mfr. List \$475.00/pair	Call For BSW Price
-----------	-------------------------	--------------------

## WOHLER



### AMP SERIES/VM2 - Amplified Speakers

Wohler Technologies offers accurate, self powered monitoring systems in compact rack mount units. These speakers provide excellent magnetic shielding with optimally focused, high fidelity sound for operators in an "ultra near field" (1' to 3') working environment. The AMP-1 series provides self-powered, full fidelity stereo monitoring in a single rack space. It's larger brother the AMP-2 offers wider frequency response from a 2RU enclosure. There's also the economical VM-2 for confidence monitoring in a single rack space. A number of optional features include visual level and phase monitoring, several input configurations, headphone output, 12V DC operation and more.

Price Based On Configuration

## 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.

NS10MS	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.

S8M	Mfr. List \$199.00/pair	Call For BSW Price
-----	-------------------------	--------------------



### MS60S - Powered Monitor Speakers

This powered speaker system is perfect for remotes. Ultra-compact, powered speakers only weigh 22 lbs. and include a built-in 60 watt amp as well as a 3 input mixer (1-mic, 2-line) with tone control. Includes carrying handle and screw holes for an optional tripod mounting bracket.

MS60S	Mfr. List \$599.00 ea.	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

### QUIK LOK



#### QL60 - Speaker Mounting Bracket

Here's an economical, yet reliable way to mount speakers to the wall for permanent applications. The QL/60 offers adjustable support for speakers weighing up to 60 lbs. Unit can be mounted for right/left or up/down pivoting.

QL60 Mfr. List \$49.95 ea. Call For BSW Price



A.



B.



C.



D.

#### (A) ATLAS/SOUNDOLIER SS33E - Speaker Tripod

Heavy duty aluminum speaker stand supports up to 150 lbs. Height adjusts from 48" to 85". Several mount adapters available.

SS33E Mfr. List \$174.00 Call For BSW Price

#### (B) QUIKLOK BS/315 - Adjustable Monitor Stand

Sturdy steel variable height monitor support extends from 31.5" up to 49.25". Base size is 15.75" x 15", shelf size is 9.73" x 19.75".

BS/315 Mfr. List \$139.95/pair Call For BSW Price

#### (C) QUIKLOK S180 - Speaker Tripod

Lightweight, yet sturdy aluminum stand for safe support of speakers up to 200 lbs. Extends from 3' 7" to 6' 6". All metal leg assembly increases durability. Available in silver or matte black.

S180 Mfr. List \$109.00 Call For BSW Price

#### (D) ULTIMATE SUPPORT TS30/TS33 - Speaker Tripods

Sturdy, lightweight aluminum stands can support speakers up to 100 lbs. The TS-30 adjusts in height from 3' 8" to 6' 7", the TS-33 adjusts in height from 5' 2" to 9' 2" and the TS-33ABT features an articulating (extendable) leg that allows 2 of the legs to sit on a raised surface such as a stage stair, while the extended leg reaches to the floor to hold speaker level and secure.

TS30BT	adjusts to maximum of 6' 7"	Mfr. List \$152.00
TS33BT	adjusts to maximum of 9' 2"	Mfr. List \$182.00
TS33ABT	TS33 w/articulating leg	Mfr. List \$217.00

Call For BSW Prices

## 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. Several pods and convenience accessories are also available.

DSWRKREC	36" X 96" workstation	Mfr. List \$995.00
DSCONR	workstation, right	Mfr. List \$995.00
DSCONL	workstation, right	Mfr. List \$995.00
DS42SLP 42"	sloped rack	Mfr. List \$375.00
DS45JN	45 Degree Joining Table	Mfr. List \$249.00
DSDP	double pedestal cabinet	Mfr. List \$895.00
DSSP	single pedestal cabinet	Mfr. List \$895.00

Call For BSW Prices



### RADIUS LINE - Studio Furniture

The RADIUS line of furniture is designed specifically for the very best, major market installations. Radius table surfaces and end panels, extra large and deep pedestals and tabletops, combine with designer styling to create a uniquely beautiful and yet ergonomic studio. The heavy aluminum post and panel construction assures much tighter tolerance manufacture than custom wood cabinets while providing greater strength. Metal edging for the racks eliminates laminate splitting. Rugged, durable, easily customized and uniquely attractive—RADIUS is ideal for your next showcase studio.

Call BSW For Pricing And Configuration

## MURPHY FURNITURE



Whether you choose the economy priced Classic Series, the contemporary Stealth Series, or one of several other stylish designs, you can be assured of getting the finest quality furniture that offers both beauty and functionality. Standard features on all Murphy Furniture include oak trim on all exposed edges, a bumper base covered with a non-chip material, plexiglas 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. 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.



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, finished with scratch resistant, oven baked enamel. Desk tops are high quality laminates with rolled edges for comfort and safety.

Forget about waiting weeks for your furniture, with Nigel B. most items are in stock and will ship within 48 hours of receipt of order from BSW. Their pack flat approach means lower shipping costs and many items can ship UPS.

Shown above is a "stand up" high Junior Workstation with monitor overbridge, speaker brackets, mic arm bracket and computer keyboard bracket. Most Nigel B. furniture can be ordered as "stand up" 36" high, or with standard 28" high desks.

Call BSW Today For Nigel B's Full-Line Catalog

### ATLAS/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 complete with base, top panel, vented side panels, vented rear door with lock, one pair of fixed rails, mounting screws and hardware. Call BSW with the size and features of rack you require for a proper price quotation.

Pricing Based On Configuration



#### 900 SERIES - Equipment Racks

Ship your equipment rack by UPS? ..No problem. The 900 Series racks are easy to assemble in stackable frames for the perfect rack in minutes. All necessary hardware is furnished and these racks are strong and durable. Frames are available in two sizes.

900-19P	19" high	Mfr. List \$140.00	Call For BSW Price
900-28P	28" high	Mfr. List \$155.00	Call For BSW Price

### BSW



#### RR-10 ROCKN'ROLLER - Hand Truck/Dolly

The RR-10 Rock N' Roller® Supercart combines the space-saving advantages of a lightweight, foldable, luggage cart with the big load capacity of an industrial size 4-wheel dolly that can hold up to 500 pounds of equipment. In the upright position Rock N' Roller is a heavy duty handtruck with long forks. Laying down it's a 4-wheel cart that expands in length from 34" to 52" long.

RR10	Mfr. List \$195.95	Call For BSW Price
------	--------------------	--------------------

### MIDDLE ATLANTIC



Slim 5



AX-S System

#### Equipment Racks

From the low cost ERK Series, to the hefty MRK and WRK Series, to the flexible Slim 5 Series, Middle Atlantic has an equipment rack to meet every application. High quality materials, state-of-the-art manufacturing techniques and well thought out design make these racks a tremendous value, providing years of service.

Shown above is a Slim 5 rack with optional wood side panels and AX-S system that allows unrestricted rear access to equipment and cabling for in-wall or snug-to-the wall placement of your racks.

Pricing Based On Configuration



RK Series

SRK

#### RK/SRK 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 black 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. The SRK is a sloped top version with 16 vertical rack spaces and 12 sloped spaces on top.

RK4	7" (4 space)	Mfr. List \$87.00
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
SRK	28" (16 space)/ 21" (12 space)	Mfr. List \$237.00

Call For BSW Prices

# The MultiDesk™ System

A new concept in configurable studio furniture



MB-4  
MultiBridge



MR-14S  
MultiRack



MD-48 (shown with MB-4)  
MultiDesk



MR-14W  
MultiRack



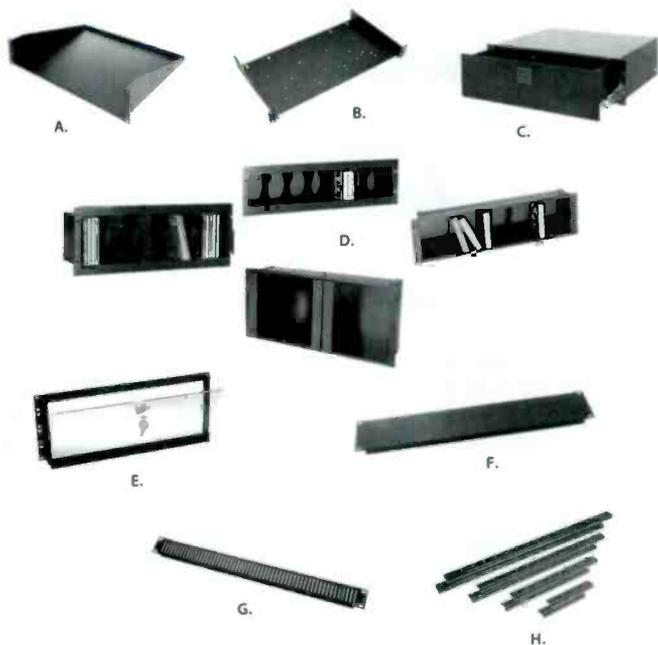
MB-6  
MultiRack

5 easy-to-assemble pieces fit together in *any* combination!

Middle Atlantic's MultiDesk™ System is a high quality, affordable modular furniture system that gives you the flexibility to create the ideal workstation to fit your surroundings. Furniture pieces assemble in minutes with the hardware and tools provided. Start with the MD-48 MultiDesk and add straight, or wedge top MultiRacks with reversible straight or slant rack faces to create a workstation style that fits you — semicircular, "serpentine" style — whatever. Choose the 4-space or 6-space overbridge and options such as a pullout keyboard tray, modesty panel or cable management kit to round out your system. Quality features like high-pressure laminates, threaded inserts for added strength, hidden castors, adjustable leveling feet, quick-connect 1/4 turn fasteners and more, ensure a beautiful, durable and highly functional furniture system that you will be proud to own.

 Middle Atlantic Products, Inc

### MIDDLE ATLANTIC



#### (A) U2 - Rack Shelf

2 space utility shelf holds equipment up to 17 3/8" wide

U2 Mfr. List \$59.95 BSW Price \$29.95

#### (B) UTR1 - Universal Rack Shelf

Universal mounting hole pattern works with many 1/2 rack units.

UTR1 Mfr. List \$28.50 Call For BSW Price

#### (C) D3 - Deluxe Rack Drawer

Fully enclosed drawer with ball bearing slides is 14.5" deep. Also available in 2, 4, 5 and 8 space versions. Optional key lock.

D3 Mfr. List \$162.00 Call For BSW Price

#### (D) CD/CS/DAT/VHS - Rack Storage

Store your recording/playback media right in your rack.

CD	Rack holds 40 CDs (4RU)	Mfr. List \$82.50
CS	Rack holds 33 cassettes (3RU)	Mfr. List \$79.00
DAT	holds 27 DAT tapes (3RU)	Mfr. List \$79.00
VHS	holds 14 VHS tapes (5RU)	Mfr. List \$35.50

Call For BSW Prices

#### (E) SECL-4 - Locking Security Covers

4RU key-locked, hinged security cover with lightly smoked plexiglass door. Also available in 2 and 8 space versions.

SECL-4 Mfr. List \$63.00 Call For BSW Price

#### (F) EB Series - Blank Panels

Flanged blank panels in 16 gauge steel with black finish. Rack sizes from 2 to 6 spaces. Also available with textured finish (5B) or brushed, anodized aluminum (BL).

From \$7.50 to \$22 Mfr. List Depending On Size Call For BSW Price

#### (G) EVT - Vent Panels

Flanged steel vent panels with black finish.

EVT-1	Mfr. List \$10.00	Call For BSW Price
EVT-2	Mfr. List \$13.00	Call For BSW Price

#### (H) RR Series - Rack Rails

1/8" thick heavy duty rack rails tapped 10/32 with rugged black powder coat finish. Rack sizes from 2 to 45 spaces.

From \$7 to \$68 Mfr. List Depending On Length Call For BSW Price

### NIGEL B.



#### (I) ALDRS - Desk Top Rack stand

This desktop stand features a 13RU (22.75") open frame with angle adjustment.

ALDRS Mfr. List \$199.95 Call For BSW Price

#### (J) 1202-STK - Mixer Stand

Made for the Mackie MS1202VLZ, this stand has a hollow channel that forms the upright. Your cables are concealed inside and a snap cover hides them completely.

1202STK Mfr. List \$169.95 Call For BSW Price

#### (K) 1015-STD/RS - Mobile Rack Stands

Roll-around rack stands with adjustable top section. The 1015-STD features 10RU on the top frame with 15RU below. The RS has a 13RU frame on top and 7RU of additional space below.

1015-STD	Mfr. List \$479.95	Call For BSW Price
RS	Mfr. List \$459.95	Call For BSW Price

#### (L) PRO-TBL - Project Table

An adjustable height, adjustable angle project table with black Wilson Art laminate top. Perfect for medium sized (16-24 channel mixers)

PROTBL Mfr. List \$599.95 Call For BSW Price

#### (M) 4CD - CD Drawer

A full 18" deep, this rack drawer features ball bearing sliders and holds 72 CDs in separate slots. Optional key lock.

4CD Mfr. List \$189.95 Call For BSW Price

#### (N) 2DATD - DAT Drawer

18" deep, this rack drawer features ball bearing sliders and holds 92 DAT tapes in separate slots. Optional key lock.

2DATD Mfr. List \$179.95 Call For BSW Price

### OMNIRAX



#### PROSTATION M/C - Studio Workstation

Perfect for digital oriented production rooms and studios, the ProStation M/C™ provides an ergonomic work space that doesn't cost a fortune. The table top is plenty deep enough to hold your mixing console with enough clearance under the overbridge for the meter bridge. Two bays on top have 4 rack spaces for processing or recorders. Two lower bays are over 28" deep and one has 12 rack spaces, the other offers 6 plus a sliding computer shelf. Video monitor sits at the correct height for viewing.

PROSTATIONM/C Mfr. List \$749.95 Call For BSW Price



#### MIXSTATION/O2R - Studio Workstation

This unique, ergonomic and highly intuitive workstation was designed for the Yamaha O2R digital mixer and associated peripherals. The center mixer section features a padded wrist rest and ample room for the mixer meter bridge. The left and right table sections feature gentle sloping tops with 5 rack spaces open at the back that are perfect for patch bays or outboard effects. Above there are 6 vertical spaces for recorders and there are 10 space racks on the right and left below the table for additional gear. Additional features include cable grommets, hidden castors and an optional adjustable keyboard shelf.

MIXSTATION/O2R Mfr. List \$1,199.95 Call For BSW Price

### QUIK LOK



#### RS957 - Table Top Equipment Rack

This 8 space table top rack is built rugged and includes rubber feet that keep it from scratching counter tops. Knocked down unit can ship UPS and assembles easily.

RS957 Mfr. List \$69.95 Call For BSW Price

### QUIK LOK



#### ZM SERIES - Mixer Stands

These heavy duty mixer stands are available in 4 different sizes to accommodate a variety of mixers from 26" wide up to 80" wide. The "Z" shape gives plenty of foot/leg room for stand-up or sit-down use. ZM stands are 27.5" high, 23" deep and can hold up to 300 pounds. The picture above shows the ZM2034 stand with optional ZM-92 monitor speaker shelves and optional ZM-91 6-space utility rack holder that is perfect for a console power supply or other processing gear. Prices vary slightly for different widths. Call for console size cross reference.

ZM Stands From \$109.95 Mfr. List  
Mfr. List for above pictured configuration \$309.80  
Call For BSW Prices

### ROK SAK



#### RC2RW/RC4RW - Rack Bags

Perfect for protecting your rack mounted gear while on the road. These rack bags have front and rear zippered openings, are constructed with hi-impact plastic and protected by tough cordura fabric outershell. Bottom skids protect material. Houses equipment 17 3/4" deep.

RC2RW	2 rack spaces	Mfr. List \$99.95
RC4RW	4 rack spaces	Mfr. List \$114.95
Call For BSW Prices		

### SKB



#### ATA SERIES - Rack Cases

Tough, lightweight 19" rack cases made for the road with front and rear latched covers. All cases are 14" deep and are available in sizes from 2 to 12 rack spaces. An ultra tough polyethylene shell keeps equipment safe, is half the weight of wood cases, and is Air Transportation Association (ATA) approved.

Mfr. List From \$174.95 to \$319.95 Call For BSW Prices

## BSW

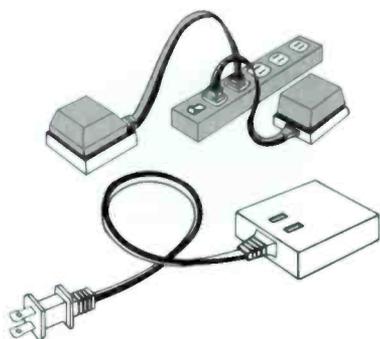


### Power Protection

BSW can provide you with virtually any type of AC power protection that you might require from surge suppressing outlet strips, to 3 phase surge/lightning service panels, to uninterruptable power supplies (UPSs). We feature products from several well known manufacturers.

Call Us With Your Requirements

## DR. FERD



### PSA - AC Transformer Extender

The PSA aka Dr. Ferd's Wart Remover is 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 \$7.88

## ETA



### PD8L/PD8 - Power Conditioner/Light Module

ETA Systems offer incoming power spike, noise filtration and surge protection all in a 19" rack mount package. Full 15 AMP, 1800 Watt output with 8 protected U-ground power outlets located on the back panel. Rated to protect up to a 6000 Volt surge. Front panel LED indicator noting Go or No Go status. Model PL8L features front panel lights to light up your rack.

PD8L Mfr. List \$99.00

Call For BSW Price

PD8 Mfr. List \$84.00

Call For BSW Price

## FURMAN



### PL-PLUS/PL8 - Power Conditioner/Light Module

The Furman Power Conditioner and Light Module is the perfect accessory to any rack-mount system. Install in the top slot of your rack, and the eight switched AC outlets on the rear panel will power up all you equipment while its two slide-out light fixtures provide discrete, shadow-free illumination. A dimmer control lets you adjust the lamp brightness to just the right level. Protects your equipment by combining a high voltage surge/transient suppressor with an RFI/EMI interference filter to keep out high level power spikes and lower level electronic noise. PL-PLUS features front panel line voltage indicator.

PLPLUS Mfr. List \$229.00

Call For BSW Price

PL8 Mfr. List \$159.00

Call For BSW Price



### AR-PRO - Worldwide AC Line Voltage Regulator

The AR-PRO voltage regulator accepts single phase input AC voltages within two capture ranges (88-134 or 170-264 volts) and converts them to the North American standard 120 volts ( $\pm 4\%$ ). 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.

ARPRO Mfr. List \$2,295.00

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).

SD Mfr. List \$499.00

Call For BSW Price

### LITTLITE



#### L3/12 - High Intensity Light

The L3/12 high intensity light features a quartz halogen bulb, a dimmer control with off position, a wall plug-in transformer with 6' cord, permanent mounting hardware. (6" and 18" sizes available at same price.) G series lamps, available in 6", 12" and 18" models feature a BNC base for use with popular mixing consoles.

L3/12	12" attached gooseneck lamp	Mfr. List \$57.00
WB	weighted base for L Series lamps	Mfr. List \$11.00
6G	6" gooseneck lamp w/BNC base	Mfr. List \$25.00
12G	12" gooseneck lamp w/BNC base	Mfr. List \$27.00
18G	18" gooseneck lamp w/BNC base	Mfr. List \$29.00
Q5	high-intensity replacement bulb	Mfr. List \$9.00

Call For BSW Prices

### NIGEL B.



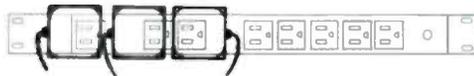
3512SPL



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 protection	Mfr. List \$159.95
SP8	8 outlet strip with full surge protection	Mfr. List \$139.95
6MHI	6" gooseneck lamp w/BNC connector	Mfr. List \$37.95
12MHI	12" gooseneck lamp w/BNC connector	Mfr. List \$39.95
MHI12S	12" gooseneck lamp w/base	Mfr. List \$69.95

Call For BSW Prices

### 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	standard copy holder	BSW Price \$50.00
16008P	heavy duty copy holder	BSW Price \$57.50
16055	width extender	BSW Price \$17.50

### PROFOAM



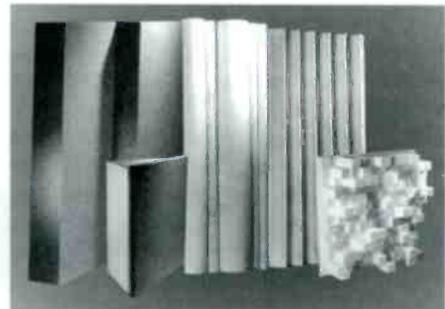
#### PROFOAM - Acoustical Foam

Profoam's large sheets make installation quick and easy. Sheet size is 4 1/2' x 6' (27 square feet). Available in 2" or 3" thicknesses. Color is charcoal grey and blends with most studio surroundings. Profoam is UPS shippable so you'll save on shipping costs and time. 2 sheets per package.

PROFOAM 2"	BSW Price \$52.95 per sheet
PROFOAM 3"	BSW Price \$79.95 per sheet

*ProFoam does not have a fire rating and may not be suitable for commercial use in certain areas. BSW will not be responsible for removal and return of acoustical foam after installation due to local building or fire codes. We are happy to provide samples and specifications upon request.*

### RPG



#### Acoustic Treatment

RPG, the recognized world leader in acoustical reference in the music industry provides truly professional solutions to studio acoustic problems. Tens of thousands of diffusor systems have been installed in prestigious facilities all over the globe for treatment of corners, walls and ceilings. RPG also makes a line of sculptured, fire-safe acoustic control foam in different styles and colors.

Call BSW With Your Requirements

## PRORAX



CS80W



100W



CD80W

### Media Storage Racks

ProRax are constructed of the finest quality oak or mahogany hard woods with sturdy dividers to keep to keep media organized. You can be sure these durable racks will provide years of service and add natural beauty to your facility.

W100	wall cart rack holds 100	BSW Price	\$99.95
W100OAK	wall cart rack holds 100	BSW Price	\$112.00
CD80W	CD rack holds 80	BSW Price	\$95.00
CD80WOAK	CD rack holds 80	BSW Price	\$110.00
CS80W	cassette rack holds 80	BSW Price	\$79.00

## VISU-FLEX

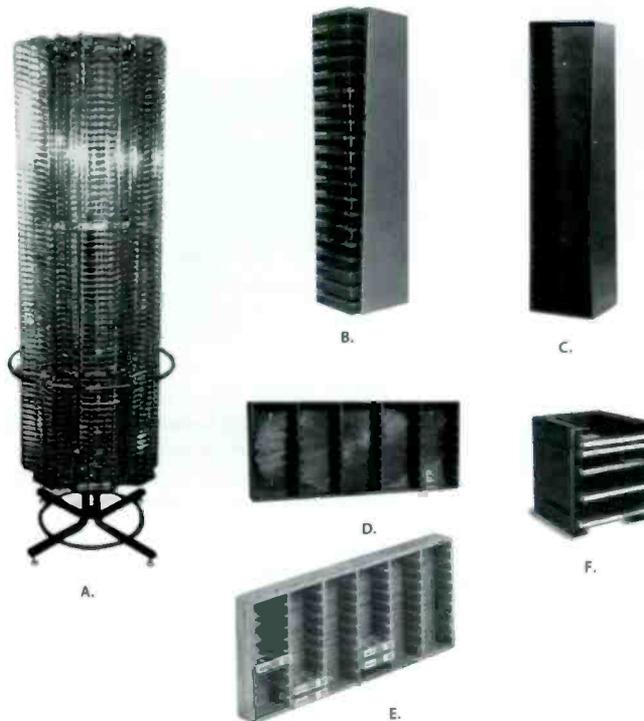


### CDV SERIES - Stackable Media Cabinets

Visu-Flex stackable audio-video cabinets are designed to grow as your media collection grows. These heavy gauge steel cabinets are available in two drawer "starter" and "adder" modules. Starter units ship complete with a finished steel top. Adjustable drawer dividers are included so you can mix different media in the same cabinet, or even within the same drawer. The CDV modules are 9 5/8" H x 20" W x 18 1/4" D and hold 270 DAT tapes, 152 8mm tapes, or 192 audio cassettes. The CDV modules have deeper drawers and can also accommodate 52 VHS cassettes or 234 CDs. CDV-MB is the optional mobile base with castors.

CDV-2S	"starter" module	Mfr. List	\$395.00
CDV-2A	"adder"	Mfr. List	\$350.00
CDVMB	mobile base	Mfr. List	\$110.00

Call For BSW Prices



## ABCO

### (A) Wire Cart/CD Racks

Sturdy carousels with the familiar gold wire construction

ABCO300	holds 300 carts	Mfr. List	\$446.25
ABCO500	holds 500 carts	Mfr. List	\$691.95
ABCO280	holds 280 CDs	Mfr. List	\$397.95
ABCO560	holds 560 CDs	Mfr. List	\$727.60

Call For BSW Prices

## BSW

### (B) AW20 Cart Rack

Holds 20 carts, made of high impact polystyrene, great for wall mounting. Includes mounting screws.

AW20	BSW Price	\$14.25
------	-----------	---------

### (C) AW40 CD Rack

Holds 40 CDs. High impact polystyrene, wall mounting with mounting screws.

AW40	BSW Price	\$24.95
------	-----------	---------

## BRYCO

### (D) DRP40 DAT Rack

Precision formed, super tough plastic. Holds 40 DATs. (Black)

DRP40	BSW Price	\$21.30
-------	-----------	---------

### (E) DR60 DAT Rack

Beautiful solid oak rack holds 60 DATs—wall mount or table top

DR60	BSW Price	\$56.95
------	-----------	---------

## SOHO

### (F) CD1/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.

CD1	holds 12 CDs	BSW Price	\$6.25
CD1SYSTEM	12 modules, holds 144 CDs	BSW Price	\$39.95

## BROADCAST TOOLS

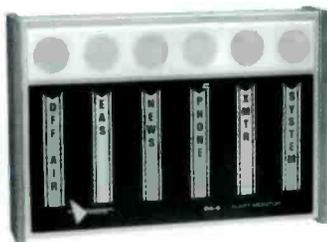


### AS-16 - Alert Sentry

The Alert Sentry 16 provides a convenient way to monitor station alarms on Windows based PCs. Included software allows up to sixteen alert and 16 non alert, 63 character descriptions to be displayed. An alarm condition causes a highlighted cursor to flash beside the highlighted 63 character description. Includes software and 16 channel data input board. Computer and monitor not included.

AS16 Mfr. List \$349.00 Call For BSW Price

## ENBERG



### BA6 SERIES - Alert Monitors

Off the Air... EAS warning... telephone hotline ringing? Find out visually in an instant with the BA6 from Enberg Electronics. This practical device is attractive as well as functional and interfaces with a variety of equipment to immediately inform you of status. Features 3 modes of operation, flashing 4,000 hour indicators, opto-isolated inputs and solid state relays. The BA6RX is a rack mount version of the BA6 and is only 2U high. Both are capable of driving remote displays and come with the FN6 phone module for signaling incoming phone calls.

BA6 monitor w/phone module and labels Mfr. List \$389.00  
 BA6R remote display Mfr. List \$239.00  
 BA6RX rack mount monitor with FN6 Mfr. List \$389.00

Call For BSW Prices

## FIDELIPAC

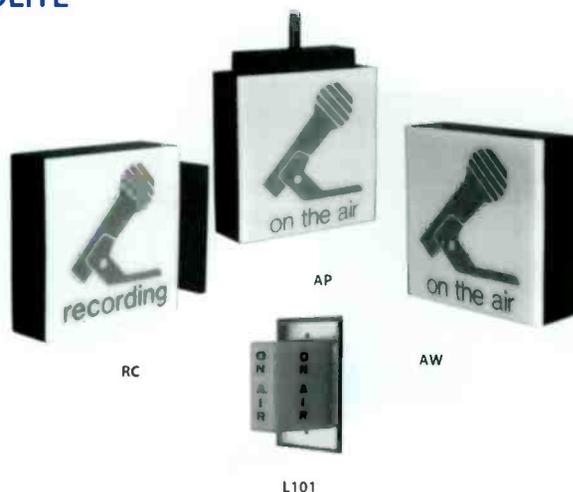


### 340 SERIES - Warning Lights

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



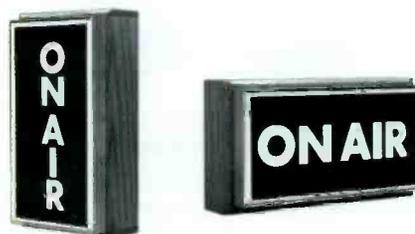
### Warning Lights

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.

The L101 fits in a standard single duplex electrical box and operates on 12 volt DC (user supplied). Specify white or red plastic lens.

AW	"on the air" flat wall single lens	BSW Price \$119.00
RW	"recording" flat wall single lens	BSW Price \$119.00
AP	"on the air" ceiling pendant double lens	BSW Price \$119.00
RP	"recording" ceiling pendant double lens	BSW Price \$119.00
AC	"on the air" wall/ceiling double lens	BSW Price \$129.00
RC	"recording" wall/ceiling double lens	BSW Price \$129.00
REC LENS	extra lens "recording"	BSW Price \$14.95
AIR LENS	extra lens "on the air"	BSW Price \$14.95
BLANK LENS	extra blank lens	BSW Price \$11.25
L101	12 volt warning light	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.

OAL BSW Price \$125.00

## ATI



### BGD SERIES - Bargraph Meters

Economically display up to 12 critical audio lines in a single rack space. Available in two channel horizontal or four channel vertical configurations with either VU or PPM ballistics. Phase indication and headphone monitor available in dual bargraph meters.

BGD Price Based On Configuration Call For BSW Prices

## DORROUGH



### 40A2 - Loudness Monitor

Dorrough loudness monitors uses an easy to read 40 LED scale to display the actual energy content of program audio with both peak and "persistence" readings on the same meter.

40A2 Mfr. List \$475.00 Call For BSW Price

## ESE



ES-215



ES-216

### ES-215/ES-216 - Audio Level Indicators

Available in either peak reading or VU. Model 215 monitors levels from -25 to +4 with 14 LEDs. Model 216 monitors levels from -20 to +3 with 10 LEDs. Several rack mount options available.

ES-215 Mfr. List \$145.00 Call For BSW Price

ES-216 Mfr. List \$69.00 Call For BSW Price

## RDL

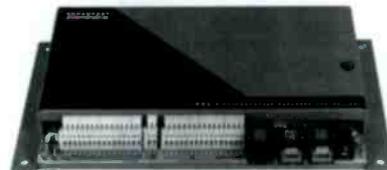


### RUSM12 - Dual Audio Meter

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.

RUSM12 Mfr. List \$183.00 Call For BSW Price

## BROADCAST TOOLS



### PSC - Programmable Schedule Controller

The PSC stores and controls up to 136 time and date events. It is equipped with 20 spst relays and can also send up to 32 serial custom commands. All program events are stored in nonvolatile EEPROM memory. Programming the PSC is simple—just attach it to a non-dedicated PC running standard, off the shelf, communications software such as Bitcom, ProCom Plus, Windows Terminal, etc. The PSC features an AC line 60 Hz time base for precise timing. A Supercap is provided to operate the clock processor when the PSC is not attached to an AC power source.

PSC Mfr. List \$399.00 Call For BSW Price

## ESE



### ES185 - GPS Master Clock

The ES185 master clock/time code generator features a 6-channel GPS receiver for maximum accuracy (130 nanosecond) anywhere in the world. It provides outputs for SMPTE/EBU, IRIG-B, ASCII (RS232C) and ESE time code. Additional features include .56" display; rugged 1RU chassis; indoor/outdoor antenna with cable; automatic daylight savings correction; timezone offset; four hour battery back-up and more. Choose from a variety of slave clocks and timers to work with the ES185.

ES185 Mfr. List \$2,495.00 Call For BSW Price



### ES192A - Economy Master Clock

The ES192A is a 12 hour master clock with hours, minutes and seconds displayed in .56" high amber LED numbers. Features include an ESE serial time code output, a 1pps output and a line frequency time base. Available in an all aluminum, black texture painted enclosure or optional single RU rack panel.

ES192A Mfr. List \$270.00 Call For BSW Price



### LX520 - Studio Timer

The LX520 is a 4-digit, 60 minute timer with .56" amber LED displays. Three front panel buttons (Start, Stop and Reset) are used to control the unit, The timer can also be remotely operated by a rear panel connector.

LX520 Mfr. List \$285.00 Call For BSW Price

## ESE



### LX-5112 - Self-Setting Analog Clock

The smartest analog clock in the world—able to self-set its hands to the correct time as received via any one of three different time code inputs (SMPTE/EBU, ASCII or ESE). Daylight Savings Time correction is automatic. Alternate modes of operation allow the unit to synchronize with an alternating 12 or 24 volt impulse signal, or to act as a stand-alone clock. Sweep or step mode and time zone offset are user-set via rear panel DIP switches. Dial face is 12" in diameter. Options include 14" x 19" rack mount version, lighted dial with brightness control and "UL" operation.

LX5112

Mfr. List \$575.00

Call For BSW Price



### Digital Slave Displays

ESE offers a wide variety of digital slave displays ranging from .4" to 4" high with six enclosure types available.

Mfr. List From \$192.00 to \$795.00

Call For BSW Prices

## 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 adapter and instructions.

7440 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

## SETH THOMAS



### 710, 709, 2636 - Wall Clocks

Popular analog wall clocks are easy to read and feature quartz accuracy and second sweep hands. Battery versions run for over a year on a single AA battery.

710 14" battery powered w/second sweep

BSW Price \$33.95

709 14" AC powered w/second sweep

BSW Price \$25.50

2636 14" battery powered w/second sweep

BSW Price \$33.95

## RODCO



### COMPUTEMP 5 - Time/Temperature Monitor

This unit accurately monitors outdoor and indoor temperatures and time of day. Features: Temperature alarm alerts to any predetermined setting; 14-hour memory of daily high and low temperatures and the exact time of the occurrence; continually alternating LED display; battery back-up memory; removable temperature sensors; optional rotary switch for monitoring up to nine locations; 30' outdoor cable standard (additional lengths available).

COMPUTEMP5

Mfr. List \$89.95

Call For BSW Price

## SINE SYSTEMS



### TTT-1 - Time/Temperature Announcer

This rack mounted device can speak the time, the temperature, or both, upon command from your automation system. A contact closure or open-collector output is all it needs to begin speaking. When it is finished speaking it gives a momentary contact closure back to the automation system.

TTT-1

Mfr. List \$599.00

Call For BSW Price

## 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)

INFORMERII

BSW Price \$54.95

## ADTRAN



### Service Units

AdTran service units provide a cost effective way to utilize digital audio equipment with various telco services.

For ISDN, Adtran supplies single and dual channel units supporting dual 64 kbps or single 128 kbps of dialed bandwidth with built-in network termination (NT-1). Adtran also supplies DSU/CSUs for switched S6, T1 and other dedicated lines.

Prices Based On Configuration. Call BSW With Your Requirements

## AEQ



## AEQ



### TLE02 - Mixer/Extender/Hybrid

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

TLE02 Mfr. List \$1,130.00 Call For BSW Price

## ACD3001 - Digital Audio Codec

The ACD3001 digital audio codec offers full duplex operation and up to 13 kHz audio bandwidth utilizing S6 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 ACD3001 can be synchronized manually or automatically and will re-establish 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.

ACD3001 Mfr. List \$1,895.00 Call For BSW Price



## TH-02EXMK-II

This flexible unit can be used in the two-wire mode as a simple digital hybrid, or in the four-wire mode as a full duplex intercom. It features two telephone/communication lines and a built-in mix-minus bus. The two lines can be configured together or separately in various modes for great system flexibility. A built-in frequency extender makes this unit a natural for remote applications. Transformer balanced audio inputs and outputs.

TH02EXMKII Mfr. List \$1,425.00 Call For BSW Price

## CIRCUITWERKES



### AC-3 - Telephone Autocoupler

The AC-3's automatic features make it ideal for a variety of telephone tasks such as listen lines, concert lines and remote broadcasting. Dry relay contacts can interface almost any external device, An inhibit input allows a cart machine, etc. to re-cue before answering. Comes ready to auto-couple right out of the box—just plug it in and go. Includes a simple active hybrid for separating send and receive audio.

AC-3 Mfr. List \$199.00 Call For BSW Price



### AC12 - Autocoupler System

Fit up to a dozen full-featured, very affordable, autocouplers in a 3 rack space (5 1/4") unit. It offers two balanced bridging input, switchable busses for audio distribution. Each coupler card has an individual 600 ohm bidirectional audio connection with level trim for special feeds. Cards can be removed or installed while unit is powered without affecting the other cards. Other features include: LED indicators for incoming ring, on-line, clipping and power; strappable input attenuator accepts a wide range of input signals; each coupler has its own relay isolated, user selected, momentary or latching dry contacts when it connects; automatic signal limiting; select what ring each coupler answers on; attractive smoked plexiglass front cover allows viewing of all indicators.

AC12 powered chassis Mfr. List \$329.00 Call For BSW Price  
AC1B coupler cards Mfr. List \$155.00 ea. Call For BSW Price

### COMREX



#### HOTLINE - Standard Phone Line Codec

Finally, a digital transmission device capable of providing up to 10 kHz two-way audio on a standard telephone line. Features include program and cueback on one phone line; auto or manual dialing and answering; mic/line XLR and mini jack tape inputs; line level XLR and 1/4" headphone outputs; two units required for system.

HOTLINE Mfr. List \$2,995.00 Call For BSW Price



#### NEXUS - ISDN Codec

Capable of 15 kHz as well as 7.5 kHz low delay bi-directional mono audio over ISDN or SW56, the Nexus comes complete with a built-in terminal adapter (TA) and NT1. It features a mic/line input and the output provides a variable mix of local program and codec return audio. Nexus has ancillary data compatibility and provides a separate data port for SW56 DSU/C5Us. This compact, rugged codec weighs in at only 4 pounds making it a must for remote talk and sports broadcasts. The Nexus is easy to set up with keypad, LCD display and memory dial.

ISDN Mfr. List \$2,300.00 Call For BSW Price



#### DX200 - Stereo Codecs

Comrex's most flexible digital audio codec, the DX200 allows users to send up to 20 kHz stereo audio on a single ISDN dial-up line. Select data and sample rates to optimize your audio quality at any bandwidth you choose utilizing ISO/MPEG layer II, standard G.722 coding or Turbo G.722. Can be used with ISDN or dedicated digital lines, T1, satellite or wireless modem applications. Whether you're after maximum audio bandwidth, minimum delay or the highest amount of compatibility with other hardware, the DX200 has it all. The optional DX200 Control Panel gives you the ability to change the DX200 settings "on the fly".

DX200 Mfr. List \$3,000.00 Call For BSW Price  
Control Panel Mfr. List \$300.00 Call For BSW Price

### COMREX



#### DX100 - Stereo 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.

DX100 Mfr. List \$3,000.00 Call For BSW Price



#### DXP.1/DXR.1 - Mono Codecs

The Model DXP.1 and DXR.1 contain an upgraded version of G.722 (Turbo G.722) that allows sending bidirectional 15 kHz audio using both B channels of an ISDN line or two 5W56 circuits (112/128 kb/s). They automatically drop back to the normal 7.5 kHz when sending a 56/64 kb/s. A major advantage of G.722 is that it is a widely used international telephone standard, providing the best chance for compatibility with the outside world. These codecs are low-delay (allowing real-time program backfeed) and low in cost, both in terms of transmission data rate and hardware required. They are ideal for sports, talk or any type of mono programming.

DXP.1 portable codec Mfr. List \$1,500.00 Call For BSW Price  
DXR.1 rack mount codec Mfr. List \$1,500.00 Call For BSW Price



#### 3XP.1/3XR.1 - Multiline Frequency Extender

The Multiline system provides 50 Hz to 8 kHz audio on three standard dial telephone lines. The 3XP.1 Encoder is built into a rugged, portable case and features automatic dialing and "one-button" setup. Real time audio processing allows program backfeed without delay. An optional rack adapter 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

# Use the *HotLine*

...when ISDN doesn't make sense

## One-time remotes just got easier!

Sometimes it's impractical to install a special circuit like ISDN for a one-time remote. However, a plain telephone line is usually available. Wouldn't it be nice if you could have high quality two-way audio on that plain line? That's just what you get with the *HotLine*.



Actual size: 6.5" W x 9.5" D x 2" H

**COMREX**  
We make great connections

Wideband two-way audio on POTS  
(Plain Old Telephone Service)

### COMREX



#### 2XP/2XR - Two Line Frequency Extender

The Comrex Two Line has become a "backhaul standard" for sports and syndicated talk programming. This system gives you a full 50 Hz to 5 kHz of program audio using two regular dial-up telephone lines, and its unique noise reduction can quiet just about any phone circuit. The 2XP encoder is used with an external mixer, or for a more compact package, Comrex's STLX Sports Console includes a built-in two line encoder. The 2XR decoder requires two external couplers such as the TCB1A or TCB2A.

2XP	encoder	Mfr. List \$3,500.00	Call For BSW Price
2XR	decoder	Mfr. List \$3,000.00	Call For BSW Price



#### LXT/R - Single Line Frequency Extender

This basic system restores the low end on telephone transmissions, offering a substantial improvement for telephone remotes. This new model combines encoding/decoding functions and a telephone coupler in one unit and can be set up to send or receive with a flip of a front panel switch. A high frequency enhancement circuit has been added to the encoder for improved audio quality. Compatible with all Comrex one-line systems. An LXT/R is required on both send and receive ends of the telephone line.

LXT/R	Mfr. List \$850.00	Call For BSW Price
-------	--------------------	--------------------



#### TCB2A/TCB1A - Telephone Couplers

It's easy to put your audio on the phone with the TCB-2A auto-answer coupler from Comrex. Built specifically for broadcast use, the TCB-2A is perfect for listen line applications. Just plug in the standard connectors, attach the power supply and you're ready to go. Coupler answers on the first ring and disconnects when calling party hangs up.

TCB-1A broadcast coupler sends and receives program material via the switched telephone network. This unit requires no external power and connections are standard modular plugs. The TCB-1 contains an FCC registered coupler which provides isolation from hazardous voltages and currents and includes an active circuit to hold the telephone line. 1/4" jack for line level input.

TCB-2A	Mfr. List \$250.00	Call For BSW Price
TCB-1A	Mfr. List \$150.00	Call For BSW Price

### CONEX



#### CELLJACK - Cell Phone Interface

Turn your cell phone into a remote broadcast center with the CellJack. This unique interface works with Motorola bag phones and operates off the power from the cell phone so it can go with you anywhere. It features an XLR mic input, a tape/AUX input and send and receive level controls. An in/out switch lets you use the handset for standard calls.

CELLJACK	Mfr. List \$245.00	Call For BSW Price
----------	--------------------	--------------------

### GENTNER



#### TS612 - Multi-line Telephone System

Gentner designed the TS612 multi-line telephone system expressly for ease of use, excellent audio quality, maximum flexibility and expandability.

The control surface on the TS612 has a handset and keypad built in so you can take on-air or off-air calls from any location. Up to 3 control surfaces can be used with a single mainframe. Out of the box it offers connection to 6 phone lines, with simple expansion to 12 lines as an option.

The TS612 is so intuitive and easy to use. For instance, to take a call off-air, just pick up the handset and select the line. If you select a line while the handset is in the cradle, the system automatically places it on the hybrid. If you're talking with someone off-air and wish to place the call on-air, just press the AIR button. Status of each line is indicated by LEDs above the line buttons. The LED glows red for on-air status, green for off-air status and flashes at different rates for ring or hold status or if the line is in use by another control surface.

Two built-in digital Superhybrids, digital audio enhancement and built-in mix minus ensure the highest quality audio with the ability to connect directly to any console.

But it doesn't stop there. These additional features expand the system's flexibility and make it a pleasure to use: control via RS232/422, a VIP button ensures that "VIPs" cannot be deselected or placed on hold, a "Next" feature that selects the call that has been waiting the longest or the next screened call, a caller mute function and two AUX buttons for controlling external equipment such as a delay dump or recorders.

TS612-6	six line system	Mfr. List \$2,995.00
TS612-12	twelve line system	Mfr. List \$3,990.00
9100003200	extra control surface	Mfr. List \$459.00
Call For BSW Prices		

## GENTNER



### TELEHYBRID - Telephone Hybrid

TeleHybrid turns your existing phone system into a "broadcast-ready" telephone system. That's right! TeleHybrid installs easily to any phone set (analog, digital, single, or multiple line) as long as the handset is detachable with a modular plug. Once connected to your studio phone, TeleHybrid will provide high quality digital nulling for full duplex audio without echo or feedback.

Operation is simple. Answer each call with the handset as you normally would. When you're ready to put the call on the air just set the handset down on TeleHybrid's pressure sensitive keypad. Pick the handset up to talk to the caller off-air and hang up the handset to disconnect the call. It's that easy!

Telehybrid                      Mfr. List \$795.00                      Call For BSW Price



### TELESWITCH - Telephone Call Director

With TeleSwitch, up to five lines can be directly connected, placed on hold, and routed to a hybrid or telephone set. Conference and even record callers with the press of a button. TeleSwitch will work with most business phone systems. Installation and operation is simple as using a multi-line telephone. Control panel lights indicate whether the line is ringing, in use, on hold, or available. Unit uses standard RJ11C telephone connectors.

Teleswitch                      Mfr. List \$995.00                      Call For BSW Price



### 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 feedback.

G2500                      Mfr. List \$1,995.00                      Call For BSW Price

## GENTNER



### 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.

G3200                      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.

DHIII                      Mfr. List \$1,895.00                      Call For BSW Price



### DHIA - Digital Telephone Hybrid

Now you can take advantage of digital signal processing technology to enhance your telephone audio with the Gentner Digital Hybrid. 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.

DHIA                      Mfr. List \$1,199.00                      Call For BSW Price

### GENTNER



#### 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.

SPH5 Mfr. List \$879.00 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.

SPH3A Mfr. List \$499.00 Call For BSW Price



#### TC100RTT - Automatic Telephone Interface

The most versatile telephone coupler you'll find. Features include: auto-answer, auto-disconnect, latching or momentary tape starts, built-in hybrid, fully remoteable and a DTMF decoder.

TC100RTT Mfr. List \$629.00 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.

HYBRID COUPLER Mfr. List \$189.00 Call For BSW Price

### GENTNER



#### AUTO COUPLER - Automatic Phone Coupler

If you're looking for an automatic answering and disconnect hybrid coupler, the Auto Coupler is just what you need. It gives you both "Send" and "Caller" capabilities. Use this with the EFT100 or anytime you need an automatic answer and disconnect to a telephone line.

AUTO COUPLER Mfr. List \$329.00 Call For BSW Price



#### MICROTEL - Telephone Interface

Gentner Engineering's Microtel is a portable, battery operated telephone interface used in a variety of applications. Typically, Microtel replaces the hand-set of the telephone to permit high quality audio feeding down the phone line while simultaneously monitoring the return audio. Microtel is powered by a single 9V battery. Applications: Portable mixing, studio talkback, in the field news mixing/telephone feeding, sports console/back-up sports console, mic to line driver for equalized program loops.

MICROTEL Mfr. List \$259.00 Call For BSW Price

### EXCALIBUR



#### HC-1 - Handy-Coupler

The HC-1 gives you the simplest, quickest, most convenient way to connect audio to a telephone. The HC-1 connects in series with the handset of any telephone using modular connectors. External audio is connected via 1/4" connectors on back. Unit is passive, so no power is required. Simply press the front panel on-off button and external audio in and out are connected to your telephone. Release the button and the handset is once again connected, allowing normal use of the telephone.

The HC-1 is ideal for use in many locations around your station including news, production and sales departments.

HC1 Mfr. List \$99.00 Call For BSW Price

INTRODUCING  
THE EASIEST WAY  
TO MONITOR  
TRANSMITTER  
SITES...



WITHOUT TAKING ONE  
STEP AWAY FROM YOUR  
**COMFY**  
LITTLE DESK  
RIGHT HERE.

With the introduction of the GSC3000, you can now control from one to 256 transmitter sites while barely moving a muscle. What's more, if you decide you've had enough of the office and would rather monitor your sites from



home, the GSC3000 can be controlled from a network – either local or wide area. Heck, you can even control them from your laptop, on a beach in the Bahamas. The GSC3000 simply brings you more transmitter site control and expandability than you've ever seen before. And no, it's not expensive and it's not complex. Because the system is modular, each site can be set up to control from 8 to 256 channels of metering, status, and command. So it can meet the needs and budgets of a single site radio operation or be expanded for the most complex television broadcast company.



The GSC3000 also features automatic and time of day commands, and macro command functions. Plus, the friendly Windows® interface makes the whole thing as simple as point and click. For more information on specs and features, please give us a call.

 **Gentner**

## EXCALIBUR



### HA-1 - Hybrid Adapter

The HA-1 hybrid adapter allows you to use your favorite broadcast hybrid with almost any telephone...old, new, single or multiple line, etc. Since the HA-1 hooks up through your telephone instrument's handset connector, no connection to the telephone line is needed. With the HA-1's front panel push buttons, connecting and disconnecting your hybrid is fast and easy...and the hybrid performance is the same as if hooked directly to the C.O. line.

HA1 Mfr. List \$99.00 Call For BSW Price

## HENRY ENGINEERING



### DIGISTOR - Digital Message Storage System

DigiStor is a digital message storage system that is ideally suited for telephone "information lines," e.g., concert, ski report, sports scores, etc. DigiStor will store up to 4 minutes of audio for automatic playback via a regular telephone line. The message is stored in digital memory with battery back-up. DigiStor can be programmed to play the message only once, or continuously until the caller hangs up. Play, Stop, and Record functions are remote controllable.

DIGISTOR	2 min./4 min. depending on fidelity	Mfr. List \$395.00
DIGISTORXM	8 min./16 min. depending on fidelity	Mfr. List \$595.00
DIGISTORHF	1 min. 20 sec. extended fidelity	Mfr. List \$420.00
DIGISTORXMHF	5 min., 25 sec. extended fidelity	Mfr. List \$620.00

Call For BSW Prices



### AUDIO ONLINE - Telephone Information System

This telephone information system is designed specifically for radio stations. It's perfect for "listener information" lines providing concert information, weather/ski/surf reports, school closings, road/traffic conditions, contest rules, etc. AUDIO ONLINE is caller-interactive; the caller can select from a menu of multiple messages. The system is fully automatic and operates unattended. The system consists of special multi-line telephone modem boards and software that runs on a regular DOS-based PC (user supplied). Messages are recorded on the computer's hard drive. An 80MB drive will store over 2 hours of messages. Up to 16 phone lines can be answered simultaneously with AUDIO On-line with hundreds of messages available to callers. A call counter tracks the number of times each message has played.

2-line Version Starts At \$995.00 Mfr. List

Call For BSW Prices

## HENRY ENGINEERING



### MIXMINUS PLUS - Differential Summing Amplifier

MixMinus Plus is a differential summing amplifier designed to add a "MixMinus" 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).

MIXMINUS Mfr. List \$195.00 Call For BSW Price

## MARTI



### SMARTI - Digital Telephone RPU System

The SMARTI can send and receive 7.5 kHz audio over a single standard analog telephone line with true broadcast audio quality. The SMARTI also incorporates a fully functional mixer with 4 inputs. Within easy reach, SMARTI's functions are menu driven from the "telephone style" keypad and displayed on the easy to read 2 x 16 backlit LCD display. SMARTI offers three different operating modes; MPEG 2 layer III, low delay G.728, and direct analog telephone interface. Plus, SMARTI uses the fastest modem speed available today and automatically adjusts speed up or down to match telephone line conditions. Additional features include: supports up to 33.6 KBps depending on the phone line (7 kHz audio at 24 KBps); MPEG has a selectable "adaptive mode" to "learn" line conditions to insure a solid smooth connection; full duplex data connection for attaching two computers via data port; 10 telephone number storage (up to 70 characters each); up or down event timer; 2 relay contact closures for control at both ends of link; headphone jacks with program and return switches; operates from 90 to 2644 volts (50/60 Hz) without setting switches or jumpers.

SMARTI Mfr. List \$3,400.00 Call For BSW Price

## RADIX



### TLM500 - Telephone Line Mixer

This highly portable, battery powered mini-console can turn any modular telephone into a remote broadcast studio link or telephone interview control center. Simply plug the telephone handset cord into the TLM along with a studio quality microphone and headphones. The telephone is dialed normally and incoming calls can be answered. Features include: Mic and line inputs, low battery indicator, peak reading LED and headphone amplifier. AC adapter available. Requires 6 AA batteries for portable use.

TLM500 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 \$160.45
SVP without record feature	BSW Price \$139.25

## SOUND AMERICA



### TAC/TAC+ - Telephone Couplers

Designed to interface audio equipment to standard phone lines, TAC and TAC+ from Sound America are the inexpensive solutions. Both units are inserted between the handset and the handset jack on the telephone. Power to these units is provided by the telephone line.

TAC provides a switch to match input levels to telephone and also a mute switch for the handset mic. TAC+ adds more flexibility with an addition of a momentary mic mute (cough) position and selector switches for different input attenuation and impedance ranges.

TAC	Mfr. List \$89.50	Call For BSW Price
TAC+	Mfr. List \$114.75	Call For BSW Price

## ZERCOM



### ZH-2 - Telephone Hybrid

The ZH-2 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.

ZH-2	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.

120-1	Telos One modem case	Mfr. List \$680.00
125	Telos One rack mount	Mfr. List \$1,050.00
150	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.

100DELTA	Mfr. List \$2,180.00	Call For BSW Price
----------	----------------------	--------------------

## TELOS



### DIM/1A2 - Multi-line, Multi-Caller Talk Systems

Telos offers two options for selection and control of multiple telephone lines in broadcast systems. Complete systems include Telos hybrids, an interface module and control surfaces. The Direct Interface Module (DIM) allows direct connection of up to 10 phone lines. It functions as a full broadcast phone system including program on hold and caller conferencing.

The 1A2 Interface Module makes use of standard 1A2 key telephone equipment. Each handles 10 phone lines and units can be coupled to handle up to 30 lines.

Control options include a desktop switch console and drop-in modules for BE, PR&E, and other popular radio consoles. Caller screening is accomplished with phones or Telos' Call Screen Manager computerized software. (see next column)

220	DIM Direct Interface Module	Mfr. List \$1,840.00
210	1A2 Interface Module	Mfr. List \$1,050.00
310	Switch Console	Mfr. List \$650.00

Call For BSW Prices



### 1X6 - Multi-line Talk System

The ONE-x-Six has all of the telephone interface equipment needed for talk show programming. A single rack mounting unit houses both a Telos ONE digital hybrid and a six-line, broadcast phone system which includes all of the most popular features found in Telos' top-of-the-line Direct Interface Module.

For system control, the ONE-x-Six is packaged with a desktop Switch Console at no additional charge. Special function buttons on the Switch Console are used to automatically select the next caller, to control external recorders and delays, and to access several other unique features. Using your ONE-x-Six could not be easier. The Switch Console is used to place calls, put callers on the air or on hold, and to conference. A standard telephone set may be used for call screening. To meet the needs of smaller installations, the ONE-x-Six is very easy to install. All six phone lines are connected using standard RJ-11C plugs and all audio connections are XLR.

Call Screen Manager compliments the ONE-x-Six and other Telos talk show systems by helping your screener/director provide your talent with information on each caller using IBM-compatible PCs. 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.

A special bundle is available that combines two Switch Consoles and Call Screen Manager Host Software with a ONE-x-Six.

230	One-x-Six with Switch Console	Mfr. List \$2,180.00
235	One-x-Six without Switch Console	Mfr. List \$1,920.00
951	Host Software (Dos)	Mfr. List \$350.00
952	Remote & Host Software (Dos)	Mfr. List \$450.00

Call For BSW Prices

## TELOS



### ZEPHYR - Digital Network Audio Transceiver

Zephyr is the ideal solution for remote broadcasts, ad hoc networks, voiceovers, commercial distribution, backup to microwave and satellite links, and many other applications. On just one ISDN circuit, Zephyr can convey 20 kHz duplex stereo audio and it can transmit 15kHz mono audio using only one of an ISDN line's two channels.

MPEG audio Layers III and Layer II, as well as G.722, are provided for the highest audio quality and compatibility with nearly every installed codec. Features include a built-in ISDN terminal adapter with NT-1 and 9600 baud RS-232 bidirectional data for communications and control. Available V.35 connection allows Zephyr to connect with Switched 56 and other data links. Controls are straightforward for easy operation by non-technical users. Zephyr includes full metering, a headphone jack, mic/line inputs, and input protection limiting.

9102	mono zephyr with TA & NT1	Mfr. List \$3,980.00
9202	stereo zephyr with TA & NT1	Mfr. List \$4,980.00

Call For BSW Prices And Other Configurations



### ZEPHYREXPRESS - Portable Zephyr System

Sending live audio from the field via ISDN has never been easier. Telos lightens your remote broadcast burden with the ZephyrExpress, by combining a full-featured codec, an ISDN terminal adapter, and an audio mixing/monitoring system, all in a road-rugged chassis. With ZephyrExpress, there is no need to lug additional electronics.

Complete features of the standard Zephyr are included. You get MPEG Audio Layers III and II, as well as G.722 for the compatibility and performance you require. G.711 allows you to place a voice grade call to any standard telephone so you can save the expense of an additional circuit at the remote site.

Of course, Telos' ISDN terminal adapter, compatible with virtually every ISDN system in the world, is included. ISDN operation is through familiar keypad, a large LCD display, and an EDIT control knob. The menu structure is simple and includes on-line help.

The three-input mixer has two mono mic level and a two-channel line level input. Two independent headphone outputs have selectable source controls for monitoring local and/or return audio. The straight forward, easy to operate front panel controls handle channel assignment and input levels, with more advanced audio routing preferences accessed from the LCD and EDIT control.

A unique, selectable SAFE feature allows the ZephyrExpress to be locked into a single, preferred configuration. The user can dial, disconnect and change levels but is restricted from modifying the ISDN set up and number to be dialed. SAFE keeps operation simple for non-technical personnel, but, if the station requires, the user can disable this feature from the back panel and access the full menu.

The molded chassis of the ZephyrExpress absorbs the bumps of the road. Optional hard and soft carrying cases are also available.

9302	stereo ZephyrExpress	Mfr. List \$5,280.00	Call For BSW Price
------	----------------------	----------------------	--------------------

# Hassled by ISDN



# Loves Zephyr



## Telos Zephyr: The Best Way to Hear from There™

The new voiceover guy lives 1000 miles away, and travel is just not in the budget. The music bed got lost in shipment, and you need it by noon. And it's ratings time again - tomorrow's remote had better impress the heck out of the advertisers.

Radio is complicated. Zephyr makes it easier.

Zephyr is number one among US radio stations for sending high quality audio over ISDN. Once programmed, anyone can Auto-Dial ISDN calls. Not sure what to do next? Press the HELP button for plain English information.

Telos will even help you get your ISDN line ordered. Just call our Customer Support guys or check our web site.



Zephyr is full-duplex for two-way transmission. And don't sweat about what codec is on the other side - with Layer III, Layer II, and G.722, Zephyr can handle whatever is thrown at it.

Zephyr might not get you more vacation time. But if you find some, please be sure to send us a postcard.



- The ideal solution for remote broadcasts, ad hoc networks, voiceovers, distribution of commercials, backup to satellite and microwave links, and many other applications.
- Designed by Telos specifically for radio applications over ISDN.
- Clean, uncluttered front panel for simple operation. Full metering, call duration timer, headphone jack, and mic/line inputs.
- Built-in input protection limiter. When your talent screams, your audio doesn't distort.
- Zephyr has an integrated ISDN terminal adapter designed for the non-technical operator. You can even place a standard voice-grade call to a Plain Old Telephone Service (POTS) telephone.



### 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

### BROADCAST TOOLS



#### TALKING DUCK - Remote Audio Circuit Identifier

The Talking Duck, unlike any other product available, conveniently identifies any audio circuit. By simply connecting the wall transformer to the Talking Duck and pressing the RECORD button, a 16 second identifying message may be recorded. On playback, a 4 second 1 kHz tone along with the recorded message will continually run. By connecting the Talking Duck to a Telco loop or ISDN equipment, the user can immediately identify a remote circuit by dialing up or selecting the circuit and listening to the message. The Talking Duck will continually feed the circuit until a 1/4" TRS plug is inserted into the front panel jack, at which point, the recording is disconnected and the source equipment is switched back to the circuit.

Talking Duck Mfr. List \$139.00 Call For BSW Price

### CONEX



#### RX11 TONE JACK - Audio Frequency Generator

The Conex RX11 is a very compact audio frequency generator providing sine and square-wave signals with very accurate frequencies from 1 Hz to 29,999 Hz. It is useful in testing the response of systems, filters, tone sensors, etc. Log sweep from 50Hz to 20kHz with 50 steps. Compact 3"X 5" package.

TONEJACK Mfr. List \$229.00 Call For BSW Price

### DELTA



#### SNG1 - Stereo Noise Generator

The Delta SNG1 offers a number of "laboratory" type features and noise weightings in a very affordable and compact package. Features include true balanced front and rear panel outputs, selectable white, pink, and USASI noise spectra, generates true stereo noise, low DC offset, close channel tracking (>0.5 dB), external input offers unlimited noise envelopes, out drive either 600 or 50 ohms, meets FCC/NRSC and Canadian D.O.C. requirements.

SNG1 Mfr. List \$665.00 Call For BSW Price



#### RF Test Equipment

Delta provides the critical test equipment required by consulting and station engineers such as an impedance measuring system comprised of the OIB-3 Operating Impedance Bridge and the RG-4 Receiver/Generator for measuring operating impedances of antennas, networks, transmission line sections and the common point of directional antenna systems. Unlike classical impedance bridge methods, the OIB-3 can operate with a through power of up to 5,000 watts, providing an impedance measurement of the load while operating in its normal environment with RF power applied.

Delta also offers the TCA line of RF ammeters, the TCT Series of transformers and many other related accessories.

Call BSW With Your Requirements

### 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.

1200 Mfr. List \$1,650.00 Call For BSW Price

## FLUKE



### 75/77 - Test Meters

Model 75 features analog bar graph, 3200 count display, 0.5% accuracy, autoranging function with range hold, 10 amp & auto-ranged mA ranges, continuity and diode test beeper and 3 year warranty. Model 77 adds 0.3% accuracy and touch hold.

75	Mfr. List \$145.00	Call For BSW Price
77	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.

TT15	Mfr. List \$60.00	Call For BSW Price
------	-------------------	--------------------

## GOLDLINE



### ASA10B - Audio Spectrum Analyzer

An affordable, professional quality 10-octave analyzer covering a wide frequency range, and featuring a built-in mic. Features: IEC A or C weighting, freeze display function, battery or external powering, selectable decay function.

ASA10B	Mfr. List \$355.00
PN2 Pink Noise Generator	Mfr. List \$89.95

Call For BSW Prices

## GOLDLINE



### DSP30 - Digital Portable RTA

The DSP Series RTAs from Goldline offer cutting edge technology and convenience at an affordable price. There are three models to choose from.

The DSP30 is a portable unit in a high-impact strength "ABS" case. The DSP30RM is a rack mounted version and the DSPCI is a black box interface that lets your PC or Mac become the RTA. Standard features on all models include an 85dB window which is not limited by the display, automatic sum and average functions, scales from 1/4 to 5dB, adjustable filters for triple tuned or sharper, SPL and weighted curves (Flat, "A", "C", or user defined), 6 active memories expandable to 30 with optional EEPROM and a 600 ohm, differential balanced, condenser microphone. Goldline offers a host of options to customize your DSP system to your liking, just give us a call for detailed information. Models DSP30 and DSPCI require optional pink noise source such as PN2.

DSP30	Mfr. List \$1,579.00
DSP30RM	Mfr. List \$2,300.00
DSPCI	Mfr. List \$1,684.00

Call For BSW Prices



### TS1/TS1RMX - Audio Test Sets

The Loftech TS1 provides a combination of three precision test instruments and is capable of making audio frequency tests and measurements with a high degree of accuracy and in less time than conventional test instruments. The TS1 combines a low distortion oscillator, a frequency counter, and a dB meter in a compact unit complete with AC power supply. Features limited two-year warranty.

Also available in a rack mount version with XLR connectors as model TS1RMX.

TS1	Mfr. List \$399.95	Call For BSW Price
TS1RMX	Mfr. List \$599.95	Call For BSW Price

### GOLDLINE



#### APT2 - Absolute Polarity/Phase Analyzer

The APT2 utilizes state-of-the-art signal processing to accurately determine absolute phase polarity and to check acoustical or electrical phasing. The APT2 features the Polarity/Phase Analyzer and the Pulse Generator as separate units, allowing the user to place the Pulse Generator in the most convenient location.

APT Mfr. List \$284.00 Call For BSW Price

### POTOMAC



#### AA-51A - Audio Analyzer

The AA-51A is a multipurpose, precision audio analyzer which was designed specifically to enable the measurement of critical audio parameters in terrestrial broadcast transmitter facilities. This instrument measures audio level, total harmonic distortion, intermodulation distortion, frequency response, wow and flutter, stereo signal phasing, left channel/right channel amplitude ratio and frequency. The AA-51A exhibits excellent RF shielding and is rugged, portable, accurate, simple to operate and suitable for extended field use.

AA-51A Mfr. List \$3,960.00 Call For BSW Price



#### AG-51 - Stereo Audio Generator

The AG51 produces low distortion sine wave signals from 20 Hz to 200 kHz, a 3.15 kHz fixed frequency wow and flutter test signal and an intermodulation test signal of 60 Hz and 7 kHz at a 4:1 ratio. Output signals are simultaneously available at levels of up to +20 dBm at separate LEFT and RIGHT output ports. Outputs may be selected for left only (L), right only (R), left and right in phase (L+R), or left with right in 180° opposition (L-R). Outputs are fully balanced (or unbalanced) at a source impedance of 600 ohms (or 150 ohms)

AG51 Mfr. List \$3,525.00 Call For BSW Price

### RDL

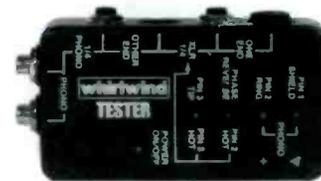


#### RU-OSC4A - Sequencing Audio Oscillator

This device features 4 separate oscillators set at 100 Hz, 1 kHz, 7.5 kHz and 15 kHz. Tones sequence through, holding on each for a user-selectable period from 3 to 30 seconds with a silent period between the 15 kHz and 100 Hz tones. A hold button allows the user to manually hold a tone indefinitely until the hold button is pushed again. Continuing to push the hold button selects the next frequency for fully manual operation. Output connections are made via barrier block terminals. See page 74 for Stick-On series/oscillators.

RUOSC4A Mfr. List \$230.00 Call For BSW Price

### WHIRLWIND



#### Cable Tester

Check for shorts and bad connections easily with the Whirlwind Cable Tester. Accommodates XLR, 1/4" and phono plugs. 9 volt battery required. Fits in your tool box.

CABLE TESTER Mfr. List \$71.95 Call For BSW Price

### XCELITE



#### TC150/ST - Tool Kit

A carefully selected assortment of Xcelite hand tools including interchangeable drivers, blades and handles, soldering iron, and measuring tape. Removable pallets in lid and base have tool pockets.

TC150/ST Mfr. List \$643.00 Call For BSW Price

## 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.

SL1200MKII Mfr. List \$599.95 Call For BSW Price

## 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.

P100S Mfr. List \$329.00 Call For BSW Price

## RADIX



### TP500 - Turntable Preamp

Superb specifications make this Radix model ideal for stereo, or two channel monaural use. And yet, the cost remains competitive with other quality brands. Specifications: Distortion: less than .01% at full output • Noise: better than 76 dB unweighted • Channel separation: 90 dB • Output: +20 dBm single ended 600 ohms +25 dBm balanced 600 ohms • Compact enclosure - easy to install • Outstanding RF immunity

TP500 Mfr. List \$289.95 Call For BSW Price

## STANTON

### Cartridge

Model	BSW Price
500AL	\$21.50
500EL	\$24.50
500EMKII	\$18.95
680AL	\$72.95
680EL	\$72.95
890AL	\$83.50
TRACKMASTEREL1	\$99.50
TRACKMASTERAL1	\$86.95

### Replacement Styli

Model	BSW Price
D5107AL	\$12.50
D5100EL	\$13.50
D50EMKII	\$10.50
D6800AL	\$22.00
D6800EEEEIII	\$38.00
D89AL	\$30.00
TEL	\$33.95
TAL	\$29.95

## SHURE

### Cartridge

Model	BSW Price
M44GX	\$28.10
M447X	\$26.15
SC35C	\$36.75

### Replacement Styli

Model	BSW Price
N44GX	\$19.55
N447X	\$18.15
SS35C	\$17.30

## AUDIO-TECHNICA

### Cartridge

Model	BSW Price
ATP2	\$39.00

### Replacement Styli

Model	BSW Price
ATPN2	\$21.50

## 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.

310B Mfr. List \$329.00 Call For BSW Price

## ART



Before Snakeskin



After Snakeskin

### Snake - Wire And Cable Cover

This unique product makes an excellent covering for bundles of wire or cables. When your wires are tucked inside the Snakeskin they become a single audio "snake" cable that is easy to manage, providing a sleek, clean appearance. The wrap around design provides 100% coverage that holds wires snugly in place. Wires can be covered with or without ends attached and can be branched out at any point along the snake. Since Snakeskin is expandable, you can add wires to your bundle at any time. Choose 1/2" or 1" styles for your particular application.

SKIN0.58B	1/2" Snakeskin, 8' section	BSW Price \$16.00
SKIN1.08B	1" Snakeskin 8' section	BSW Price \$20.00

## GEPCO



### CD3 - Cable Reeler

Heavy duty cable reeler is made from extra tough reinforced steel with a black nylon dipped finish that is long lasting and rust resistant. Lockable drums can be removed and spare drums are also available. CD3 can hold over 1300 feet of 1/4" diameter cable and over 450 feet of 1/2" diameter cable. Other sizes available.

CD3	Mfr. List \$499.00	Call For BSW Price
-----	--------------------	--------------------

## HOSA



### WTI SERIES - Wire Ties

Keep wires and cables organized with Hosa ties. WTI-148G is a velcro reusable tie for mic cables and the WTI-173 is a 10" heavy duty permanent wire tie.

WTI148G	pack of 5 velcro ties	BSW Price \$5.50
WTI173	pack of 20 cinch ties	BSW Price \$6.00

## PANDUIT



### Wiring Duct

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

WIRING DUCT	BSW Price \$53.95
-------------	-------------------

## STUDIO WIRE



### BELDEN 8451 - Single Pair Wire

Popular 2 conductor wire with drain is perfect for studio installations. 1000' lengths are available in the convenient UN-REEL box. Colors available.

8451BLKBOX	black, in UN-REEL box	BSW Price \$105.90/1000'
------------	-----------------------	--------------------------

### GEPCO 61801 - Single Pair Wire

2 conductor 22 gauge wire with foil shield and drain wire. EZ version strips easier with foil shield bound to outer PVC jacket. 1000 foot reel. Standard color is black. Other colors available.

61801-0	standard wire	BSW Price \$98.75/1000'
61801EZ-0	easy strip version	BSW Price \$98.75/1000'

### WEST PENN 291 - Single Pair Wire

Twisted pair, 22 AWG, stranded tinned copper with aluminum foil shield and copper drain wire. Colors available.

291	(specify color)	BSW Price \$89.95/1000'
-----	-----------------	-------------------------

## MULTI-PAIR CABLE



### GEPCO GA724M SERIES - Multi-Pair Cable

24 AWG, individually shielded and jacketed with numbers printed on jacket. Outer jacket is an extra flexible matte finish.

GA72404M	4 pair cable	BSW Price 64¢/foot
GA72408M	8 pair cable	BSW Price \$1.24/foot
GA72412M	12 pair cable	BSW Price \$1.65/foot
GA72416M	16 pair cable	BSW Price \$2.28/foot
GA72426M	26 pair cable	BSW Price \$3.60/foot

## SPEAKER CABLES/WIRE



### HOSA SKM200 SERIES - Speaker Cables

12 gauge, clear jacket cables with jumbo 1/4" connectors

SKM210	10' speaker cable	BSW Price \$21.65
SKM225	25' speaker cable	BSW Price \$34.75
SKM250	50' speaker cable	BSW Price \$56.75

### HOSA SKM600 SERIES - Speaker Cables

16 gauge, clear jacket cables with 1/4" connectors

SKM610	10' speaker cable	BSW Price \$12.65
SKM625	25' speaker cable	BSW Price \$18.75
SKM650	50' speaker cable	BSW Price \$29.50

\*Banana connectors can be added to one end at no extra charge.

Other lengths available

### WHIRLWIND - Bulk Speaker Cables

Choose black jacketed (GA) or clear jacketed, oxygen-free (STUDIO)

W12GA	12 gauge, black jacketed cable	BSW Price 60¢/foot
W14GA	14 gauge, black jacketed cable	BSW Price 40¢/foot
W16GA	16 gauge, black jacketed cable	BSW Price 30¢/foot
W122STUDIO	12 gauge, oxygen free	BSW Price 55¢/foot

## CONNECTORS/PUNCH BLOCK

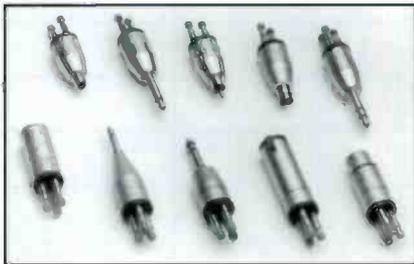


## Connectors/Punch Block

Don't forget the connectors! BSW has the connectors you need to finish any job. Listed below are common types as well as standard punchblock. If you don't see what you're looking for just ask.

SWITCHCRAFT A3F	XLR female	BSW Price \$2.95/ea.
SWITCHCRAFT A3M	XLR male	BSW Price \$2.80/ea.
SWITCHCRAFT 280	1/4" mono phone male	BSW Price \$1.60/ea.
SWITCHCRAFT 190	1/4" TRS male	BSW Price \$9.50/ea.
SWITCHCRAFT 780	1/8" mini male	BSW Price \$4.95/ea.
NEUTRIK NC3FX	XLR female	BSW Price \$3.00/ea.
NEUTRIK NC3MX	XLR male	BSW Price \$3.15/ea.
66B350	standard punch block	BSW Price \$16.95
BCLIP	bridge clips	BSW Price 10¢ ea.

## CONNECTRONICS



## Bodge Plugs - Emergency Audio Connectors

No tool kit is complete without a set of Bodge Plugs. Each plug has either two or three color coded, spring loaded, quick connect terminals. By pushing the end of the terminal a slot is opened to receive and hold securely a bare wire or test probe. 45 different adapter cables can be quickly made in the field without the need of soldering.

BODGE PLUGS

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.

YC40

BSW Price \$139.00

## HOSA

## Single Audio Cables

Sturdy pre-molded cables carry lifetime warranty against failure due to manufacturer defect.

CRA105	RCA - RCA, 5 ft.	BSW Price \$4.25
CRA110	RCA - RCA, 10 ft.	BSW Price \$5.50
CRA115	RCA - RCA, 15 ft.	BSW Price \$6.50
CPR105	RCA - 1/4", 5 ft.	BSW Price \$4.50
CPR110	RCA - 1/4", 10 ft.	BSW Price \$6.00
CPR115	RCA - 1/4", 15 ft.	BSW Price \$7.00

CPP105	1/4" - 1/4", 5 ft.	BSW Price \$4.75
CPP110	1/4" - 1/4", 10 ft.	BSW Price \$6.25
CPP115	1/4" - 1/4", 15 ft.	BSW Price \$7.25

CSS105	1/4" stereo - 1/4" stereo, 5 ft.	BSW Price \$7.00
CSS110	1/4" stereo - 1/4" stereo, 10 ft.	BSW Price \$8.00
CSS115	1/4" stereo - 1/4" stereo, 15 ft.	BSW Price \$9.00

PXF105	1/4" stereo - XLR (F), 5 ft.	BSW Price \$12.00
PXF110	1/4" stereo - XLR (F), 10 ft.	BSW Price \$13.00
PXF115	1/4" stereo - XLR (F), 15 ft.	BSW Price \$14.50

XRF105	XLR (F) - RCA, 5 ft.	BSW Price \$11.00
XRM105	XLR (M) - RCA, 5 ft.	BSW Price \$10.50

STX105M	XLR (F) - 1/4" TRS, 5 ft.	BSW Price \$12.50
STX105F	XLR (F) - 1/4" TRS, 5 ft.	BSW Price \$13.00

## Adapters

Stock up your toolbox so you're never caught unprepared! Lifetime warranty against failure due to manufacturer defect on all adapters.

GPR101	1/4" male - RCA female	BSW Price \$4.00
GPR104	RCA male - 1/4" female	BSW Price \$3.50
GPP105	1/4" female - 1/4" female	BSW Price \$4.50
GRA101	RCA female - RCA female	BSW Price \$3.50
GXX145	XLR female - XLR female	BSW Price \$16.00
GXX144	XLR male - XLR male	BSW Price \$13.00
GFX132	RCA female - XLR female	BSW Price \$14.00
GXM133	RCA female - XLR male	BSW Price \$13.00
GXR134	RCA male - XLR female	BSW Price \$14.00
GXR135	RCA male - XLR male	BSW Price \$13.00
GXP143	RCA - RCA, 15 ft.	BSW Price \$12.00
NA4LJ	1/4" female - SPEAKON®	BSW Price \$18.50



# Credit Application

Equipment Solutions To Keep You Number One



**BROADCAST SUPPLY WORLDWIDE**

7012 27th Street West  
Tacoma, Washington 98466

Toll-Free Phone (800) 426-8434  
Toll-Free Fax (800) 231-7055  
Worldwide Phone (206) 565-2301  
Worldwide Fax (206) 565-8114  
Internet <http://www.bswusa.com>

<b>Applicant/Lessee</b> (Important to list name of legal entity)			
Legal Name and Trade Name			Date
Street Address		City, County, State	Zip Code
Billing Address		City, County, State	Zip Code
Contact Person	Title	Telephone #	
Nature of Business	# of Years In Business	Type of Business (Circle One) Proprietorship Partnership Corporation Government	
<b>Parent Company</b>			
Name		Corp. Bookkeeper	Telephone #
Address		City, State	Zip Code
Owners Name	Address		Phone
<b>Bank References</b>			
Name of Bank/Branch		Telephone #	Acct. # (checking)
Account Manager			Acct. # (savings/money market)
Name of Bank/Branch		Telephone #	Acct. # (checking)
Account Manager			Acct. # (savings/money market)
<b>Trade References</b>			
Company Name	City, State	Telephone #	Account #
Company Name	City, State	Telephone #	Account #
Company Name	City, State	Telephone #	Account #

**Conditions of Sale:**

1. All invoices from Broadcast Supply Worldwide will be paid within Net 30 days unless otherwise stated on your invoice.
2. Any discrepancies in billing or problems with defective or damaged equipment must be reported within 48 hours of receipt.
3. All shipments are F.O.B. point of origin unless stated otherwise on your invoice.
4. A finance charge of 12% per year or 1% per month will be charged on any unpaid balance that exceeds terms stated on your invoice.
5. All collection agency or attorney fees will be paid by the buyer.
6. Suitability of products for intended use is the sole responsibility of the customer.

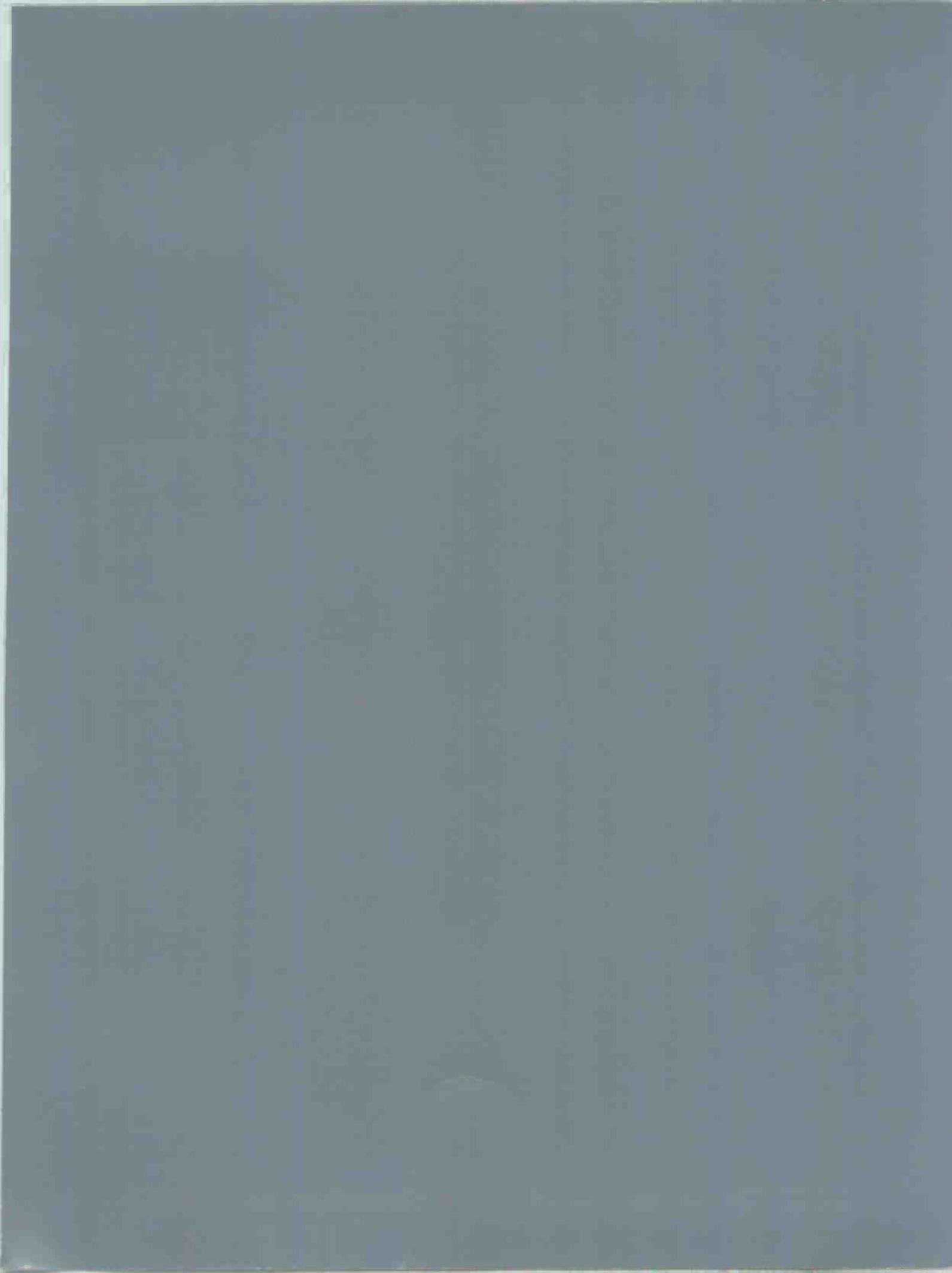
\_\_\_\_\_  
Corporate Officer's Signature \*

\_\_\_\_\_  
Print Name and Title

\_\_\_\_\_  
Date

*\*An authorized signature by a corporate officer constitutes an agreement with Broadcast Supply Worldwide to comply with all the terms stated for condition of sale on an open account credit basis. It also grants permission to verify information on this agreement.*

360 SYSTEMS	52, 54, 55, 76	Cart Racks	125	Frequency Extenders	129, 130, 132	Patchbays & Patchcords	79, 80	Switchers, RF	109
ABCO	125	Cassette Machines	25-28, 31	Furniture, Studio	118-122	PERFECT DATA	124	SYMETRIX	4, 13, 14, 17, 18, 72, 89
ADC	79	Cassettes and Accessories	28	GENEVA	32	Phono Cartridges, Styli, Preamps	143	TANNOY	115, 116
ADTRAN	129	Cassette Racks	121, 125	GENTNER	80, 96, 132-135	PIONEER	30	TASCAM	4, 26, 30, 42, 44, 50, 52,
AEQ	34, 46, 129	CIRCUITWERKES	96, 100, 112, 129	GEPCO	144	PIVOTELLI	117		53, 58, 60, 62, 80, 93
AIR CORP	14	Cleaners, Tape Head	94	GOLDLINE	141, 142	POTOMAC	142	TEAC	27
AKAI	60	Clocks/Timers	127, 128	GORMAN-REDLICH	68	Power Conditioning	123	TECHNICS	27, 143
AKG	69, 82, 87, 92	Compact Disc Players	29-31	HAFLER	3, 4	Preamps, Mic	89	TELEX	28, 71, 88
ALC	112	Compact Disc Recorders	30	HBS	32	Preamps, Phono	143	Telco Equipment	129-139
ALESIS	2, 15, 17, 20, 61, 112	Compact Disc Accessories	32	Headphones	69, 70	PRESONUS	16	Audio Codecs	129-131, 136
ALTRONIC RESEARCH INC.	109	Compact Disc Racks	121, 125	Headsets	71	Pressboxes	5, 6	Couplers	129, 132, 134
AMERICAN RECORDER (A.R.T.)	32, 44, 144	Composite Distribution Amp	110	Headphone Amplifiers	72	PROCO	90, 91	Frequency Extenders	129, 130, 132
AMPEX (QUANTEGY)	94	Compressor/Limiters	15-17	HENRY ENGINEERING	5, 47, 73, 76, 78, 136	PROFOAM	124	Hybrids	129, 133, 134
Amplifiers		COMREX	46, 130-132	HOSA	91, 144, 145	PROLITE	126	Information Announcers	136
Distribution	5, 6	CONNECTRONICS	145	INOVONICS	10, 98-100	PRORAX	93, 125	ISDN /Switched 56	129, 130
Headphone	72	CONNECTWORKS	145	INTELIX	47	QEI	10, 99, 101, 105, 108	TELFAX	48
Interface	73-75	CONEX	77, 132, 140	Intercom	77	QSC	4	TELOS	137-139
Monitor/Power	2-4	Consoles	33-48	Interface	73-80	QUIKLOK	92, 117, 122	TELTEK	97, 128
Preamps, Microphone	89	On-Air	33-38	Amplifiers	73-75	Racks, Cart, Cass., CD, DAT	121, 125	Temperature Gauges	97, 128
Preamps, Phono	143	Production	39-44	Patch Bays	79, 80	Racks, Equipment	119-122	Test Equipment	140-142
ANDREW	107, 110, 111	P.A. Systems	45	Relays	76	RADIO DESIGN LABS (RDL)	6, 47, 73, 75,	Test Tapes	94
ANTENNACO	102	Remote	46-48	Switchers	76-78		78, 89, 127, 142	TFT	68, 99, 105, 106
Antennas and Accessories	102, 107, 109	Copy Holders	124	Isocouplers	110	RADIX	6, 143	Timers, Clocks	127, 128
FM	109	CRL	8, 9, 99	ITC	24	RANE	13, 14, 18, 47, 72, 89	TITUS TECH LABS	126
RPU	102	CROWN	2, 71, 87, 108	JAMPRO	109	R D SYSTEMS	87	Tools	142
STL	107	CUTTING EDGE	10	JBL	45, 114, 115	RDS Equipment	99, 100	Transmitter/Exciters	108
APHEX	5, 7, 8, 15, 22, 73, 89	DALET	64	JUICE GOOSE	123	Receivers, AM/FM	100	Tubes	110
ARRAKIS	33, 63, 118	Dat Machines	49-53	KINTRONIC LABS	110	Reel Tape and Accessories	94	Tuners, AM/FM	100
ART	15, 17-20, 89, 90	Dat Cassettes	67	KOSS	69, 70	Reel to Reel Machines	93	Turntable and Accessories	143
ASHLY	2	Dat Racks	121, 125	LEXICON	21	Remote Control	95-97	TWR	110
ATI	5, 34, 46, 73, 89, 127, 143	DAVIS	128	Lighting, Tower	110	RF Transmission Accessories	109-111	ULTIMATE SUPPORT	117
ATLAS SOUNDOLIER	92, 117, 119	DBX	10, 14, 16, 22, 73, 80, 89	LITTLITE	124	RODCO	128	VALENTINO	32
AUDI-CORD	23	DELTA	98, 109, 140	Loggers	52	RÖDE	83	VALLEY AUDIO	14, 17, 73
AUDIOARTS	6, 35, 36, 39	DENON	25, 29, 32, 56, 57	LOGITEK	38, 78	ROK SAK	91, 122	VEGA	88
AUDIOLAB	23	DIELECTRIC	109, 110	LPB	38	ROLAND	67	VISU-FLEX	125
AUDIOPAK	24	DIGIDESIGN	66	LUXO	92	ROLLS	6, 17, 18, 72, 89, 90	VU Meters	127
Audio Processing	7-22	DIGITAL AUDIO LABS	65, 66	MACKIE DESIGNS	4, 39, 40, 41	RPG	124	Warning Lights	126
Composite	10	Digital Audio Recorders	49-67	MARANTZ	25, 27, 29-31	RUSS FRIEND & ASSOC.	74	Weather Instruments	128
Compressors/Limiters	15-17	CDR	30	MARK ANTENNA	107	Routing Switchers, Audio	76-78	WEST PENN	144
Delay Units	13	DAT	49-53	MARTI	101, 102, 104, 105, 107, 108, 136	RPU Equipment	101-103	WHEATSTONE	78
Effects	19-22	Hard Disk	52, 54, 55, 60, 61, 63-67	Masts, Telescoping	102	SABINE	18	Windscreens	91
Equalizers	17-19	MiniDisc	56-60	Metering, Audio	127	SAMPLITUDE	66	WINDTECH	91
Feedback Eliminators	18	Multitrack	60-62, 65-67	Microphones	81-88	Satellite Equipment	112	WHIRLWIND	6, 90, 91, 142, 144
Microphone/Voice	14	Storage/Automation	63, 64	Accessories	89-92	SCALA	102, 107	WILL-BURT	102
On-Air	7-13	Workstations	54, 55, 60, 61, 63-67	Preamps	89	SENNHEISER	70, 71, 83, 86, 88	Wire and Accessories	144, 145
Stereo Enhancers	13	Digital Recording Media	67	Processors	14	SETH THOMAS	128	Wireless Microphones	88
Stereo Generators	10	DIGITECH	14, 20, 21	Stands	92	SHIVELY LABS	109	WIREREADY	64
Stereo Synthesizer	13	DISCWASHER	28, 32	MIDDLE ATLANTIC	80, 91, 119-121	SHURE	47, 48, 71, 83-88, 90, 143	WOHLER	116
AUDIO-TECHNICA	69, 82, 83, 86-88, 90, 143	DORROUGH	127, 140	MiniDisc	56-60	SINE SYSTEMS	97, 128	Workstations, Digital	54, 55, 60, 61, 63-67
AUDIX	83, 113	DR. FERD	123	MODULATION SCIENCES	10, 13, 98, 99, 110	SKB	122	XCELITE	142
AUTOGRAM	34	Dummy Loads	109	Monitors		SOHO	125	XEDIT	94
BBE	22	EAS Systems	68	EBS/Weather	68	SONAR	23	YAMAHA	4, 18, 21, 22, 43-45, 60, 116
BELAR	98, 100	EBTECH	73	Modulation	98, 99	SONY	28, 30, 50, 51, 58-60, 62, 70, 86	ZEPHYRUS	112
BELDEN	144	Editing Supplies	94	Status/Alert	126	SOUND AMERICA	137	ZERCOM	6, 48, 73, 78, 137
BENCHMARK	72	Effects Processors	19-22	Monitor Speakers	112-116	SOUNDCRAFT	38, 39		
BEYER	22, 69, 71, 82, 83, 86, 87	ELECTRO IMPULSE	109	MOSELEY	97, 101, 103-105	Sound Effects, Recorded	32		
BIRD	140	ELECTRO-VOICE	45, 46, 81-84, 86, 113	MRL	94	SOUND IDEAS	32		
BLUE GROUP	64	ENBERG	126	MTS	68	Sound Treatment/Insulation	124		
BROADCAST TOOLS	46, 76, 77, 95,	E-MU	61	MURPHY	118	Speakers	45, 112-116		
	112, 126, 127, 140	Equipment Racks	119-122	Music Libraries	32	Speaker Accessories	117, 144		
BRYCO	125	Erasers	23	NEUMANN	82, 83	SPIRIT	42, 45, 48, 115		
BRYSTON	2	ESE	5, 73, 127, 128	NIGEL B.	93, 118, 121, 124	Splice Finders	24		
Bulk Erasers	23	ETA	123	OMNIMOUNT	117	Splicing Supplies	94		
BURK TECHNOLOGY	68, 77, 95, 96	EVENT	114	OMNIRAX	122	STANTON	70, 143		
Cable, Audio	91, 144, 145	EVENTIDE	13, 21, 52	On-Air Lights	126	STL	94		
Cable, RF	110, 111	EXCALIBUR	134, 135	ORBAN	11-14	STL Equipment	103-107		
CABLEWAVE	110	Exciters	108	OTARI	49, 56, 93	STL Antennas	107		
Cartridges, Phono	143	FIDELIPAC	23, 24, 36, 37, 38, 126	OZ AUDIO	72	Stereo Generators	10		
Carts	24	FLUKE	141	P. A. Systems	45	Surge Protectors	123		
Cart Machines	23, 24	FOSTEX	49, 61, 69, 72, 114, 141	PANASONIC (RAMSA)	28, 49, 62, 115	SVETLANA	110		
Cart Machine Accessories	24	FURMAN	72, 80, 123	PANDUIT	144	Switchers, Audio	76-78		



*Equipment Solutions To Keep You Number One*



**BROADCAST SUPPLY WORLDWIDE**

7012 27th Street West  
Tacoma, WA 98466 USA  
(Voice) 206•565•2301  
(Fax) 206•565•8114  
<http://www.bswusa.com>

© 1997 Broadcast Supply Worldwide  
Printed in U.S.A.