



C A 1 T 9 A 8 L 7 O G

# EGO OR ECONOMICS

As a company that serves the nations broadcasters, we have often considered opening regional offices in order to improve our service and expand our sales. Fortunately, economics prevailed and, in the final analysis, we determined that multiple sales offices would not enhance service to our customers. As a matter of fact, the additional expense of regional offices would quite likely retard services, increase selling prices, and generally relegate BSW to ordinary status.

Broadcast Supply West maintains the most efficient and economical distribution system in the broadcast industry. All under one roof for economy, computerized order entry and inventory control for efficiency. Low overhead and efficiency mean lower operating costs. These savings are passed along to you in the form of lower prices and better service.

Broadcast Supply West chooses economics over ego in order to better service the greatest people on earth, our customers.

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## Amplifiers: Headphone - Line

# RANE

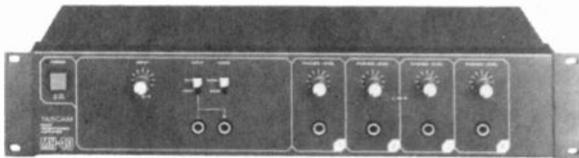


### HC 6 Six Channel Headphone Amplifier

- Six stereo headphone amplifiers in a single rack chassis
- Main stereo inputs drive all six amps through individual volume controls
- Each headphone amp also has its own separate input which independently by-passes the main stereo input

Mfg. list \$349.00.....CALL FOR BSW PRICE

# TASCAM



### Model MH-40 4 Channel Headphone Amplifier

The MR-40 accepts low or high line level mono or stereo input, which feed it to four independently adjustable headphone outputs. The MR-40 provides increased monitoring capacity - with practically unlimited freedom of expansion and figure configuration.

Mfg. list \$275.95.....CALL FOR BSW PRICE

# EDCOR



### Model HA-400 4 Channel Headphone Amplifier

Four independent stereo amplifiers, each with its own volume control. Provides high fidelity reproduction, far surpassing all but the most expensive systems.

Mfg. list \$216.00.....CALL FOR BSW PRICE

# SHURE



### Portable Mic To Line Amplifier

#### FP-11

The FP-11 is a portable, 1-input, 1-output microphone-to-line level amplifier designed for field production. It is ideal for use where long lines must be driven at higher than microphone or auxiliary levels. It can also be used to interface between equipment requiring different signal levels.

The balanced, locking XLR input and output provide for excellent rejection of hum and RF interference. A switchable peak limiter prevents output overload distortion. Additional features include a peak/limiter LED indicator, aux level mini-phone jack input, balanced line-level binding post output, and a removable belt clip. The FP-11 is powered by one standard 9V battery.

Mfg. list \$175.00.....CALL FOR BSW PRICE



### Headphone Bridging Amplifier

#### Model FP-12

The FP-12 is a 1-input, 2-output headphone bridging amplifier designed to provide headphone feeds from any type of audio input. The FP-12 can be used for a wide variety of applications such as multiple headphone feeds, audio line troubleshooting, extra power for existing headphone circuits. The FP-12 features two XLR in/out connectors and two 1/4 inch in/out jacks. Other features include a Mic/Line input switch, Hi Z/Lo Z headphones switch, headphone level control, and removable belt clip. The FP-12 is powered by one standard 9V battery.

Mfg. list \$160.00.....CALL FOR BSW PRICE



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## MATCHBOX

By Henry Engineering



The Matchbox is the ideal, inexpensive way to correctly interconnect "HI FI" or semi-pro equipment with professional studio gear. The Matchbox is a bidirectional unit with four independent amplifiers providing full stereo input and output interface. Features adjustable output levels.

Mfg. list \$195.00.....CALL FOR BSW PRICE

## ATI

Disc-Patcher



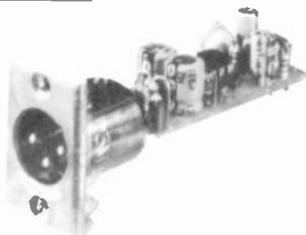
Model DP-100-1  
PRO ↔ IHF

The Disc-Patcher™ DP100

A uni-directional stereo interface for Playback Only applications. It is designed specifically to convert the unbalanced IHF outputs of Digital Compact Disc Players to transformer balanced and isolated 600 ohm line levels with no compromise or degradation of the superb performance available from the digital audio source. The Disc-Patcher™ is equally at home on a newsroom desk to interconnect field ENG cassette recorders into broadcast systems for dubbing.

Mfg. list \$199.00.....CALL FOR BSW PRICE

Rack Mt. Panel available



DOAs-1 & 2

Interfacing a Compact Disk player, FM tuner, audio or video cassette machine to the professional audio environment can be very frustrating. The DOAs-1 & 2 provide the optimum answer to the need for a professional level interface, and at less than half the price of an external device. With variable gain from off to +26 dB and by mounting inside your equipment, they turn your gear "pro".

Mfg. list \$55.66.....CALL FOR BSW PRICE



Model L-1000  
Precision Dual Line Amplifier

- High input overload capability: ±24dBm bridging
- Low noise: -107dBm equivalent input noise (20kHz bandwidth)
- Low distortion  
.2% maximum (transformer output), .05% maximum (direct outputs)

L-1000-1 Dual, Transformer Outputs.....Mfg. list \$315.00

L-1000-2 Dual, Balanced Differential Outputs.....Mfg. list \$315.00

CALL FOR BSW PRICE



Model M-1000  
Precision Dual Microphone Amplifier

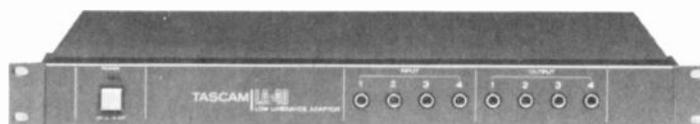
- Transformer coupled inputs incorporate full electrostatic and magnetic shielding
- XLR type input connectors
- Low noise: -124dBm equivalent input noise (20kHz bandwidth)
- Flat response: ±25dB, 50 to 20,000Hz

M-1000-1 Dual, Transformer Outputs.....Mfg. list \$345.00

M-1000-2 Dual, Balanced Differential Outputs.....Mfg. list \$345.00

CALL FOR BSW PRICE

## TASCAM



LA-40  
Line Amplifier/Impedance Converter

The Tascam LA-40 is the perfect one rack space solution to the problem of mismatched line levels or impedances. The LA-40 is a compact 4 channel unit that establishes instant compatibility between Tascam or similar -10 dBv unbalanced inputs and outputs and almost all other equipment. Compatible levels, compatible impedances and balanced/unbalanced operation.

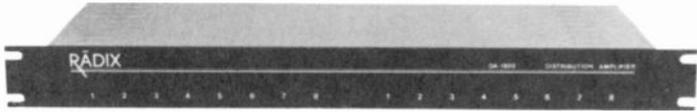
Mfg. list \$463.95.....CALL FOR BSW PRICE



# Distribution Amplifiers

## RADIX

### Sterling Performance

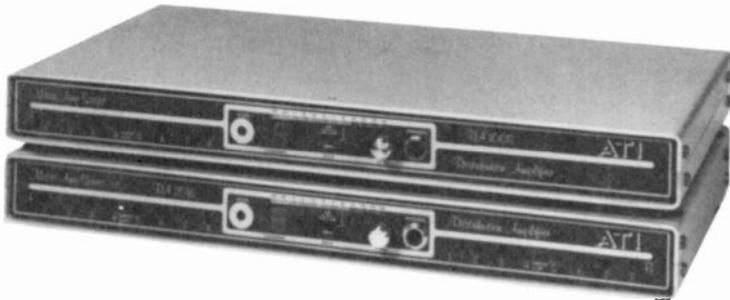
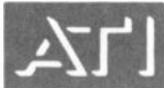


#### Model DA1600 Distribution Amplifier

- 8 stereo or 16 mono outputs each output has front panel level control.
- Exceptionally low noise circuitry.
- Selectable pads to accommodate a wide range of input levels.
- THD: .01% max @ +20 dBm out.
- Noise: 90 dB with respect to 0 dBm out.
- Output separation: 90 dB.

Compact design for easy installation.

Mfg. list \$419.95.....**CALL FOR BSW PRICE**



#### Model DA1008-1 (1 in, 8 out) Distribution Amplifier

Individual level adjustment for each output - hot molded audio taper controls.

- SCAN monitor system readout shows selected channel for monitoring
- Headphone output with front panel level control
- Rack mount brackets supplied

Mfg. list \$795.00.....**CALL FOR BSW PRICE**

#### Model DA2016-1 (Dual-2 in, 16 out)

Mfg. list \$1,095.00.....**CALL FOR BSW PRICE**



## RADIO SYSTEMS



### FUNCTIONAL SIMPLICITY

#### RSDA-16/RSDA-8 Distribution Amplifier

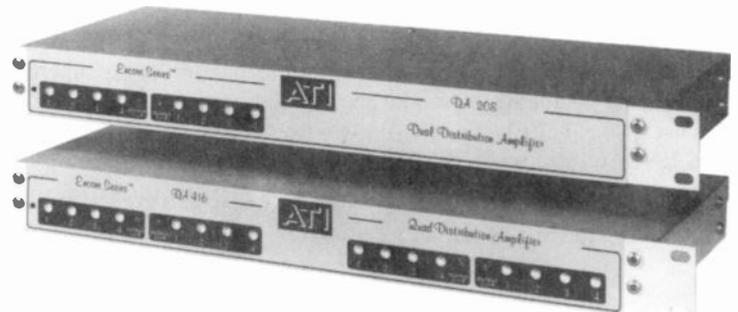
The RSDA-16 provides 8 stereo or 16 mono, independent audio outputs from one input. The RSDA-8 provides 8 mono outputs. Each output is completely isolated and has an individual level control. A single feed can be routed to multiple locations of varying level requirements and impedance, protecting the integrity of the signal quality through every output.

#### RSDA-8

Mfg. list \$345.00.....**CALL FOR BSW PRICE**

#### RSDA-16

Mfg. list \$425.00.....**CALL FOR BSW PRICE**



Protect against dangerous paralleled feeds, noisy unbalanced loops, poorly isolated splitters and inaccurate attenuators.

#### Distribution Amplifiers

Isolate, balance and  
set levels precisely

- 8 or 16 Balanced +18dBm outputs
- Individual smooth log taper controls
- LED output overdrive indicators
- Parallel inputs for 1x8, 2x8, or 1x16 use
- Short proof outputs
- Triple RFI protection

#### DA208 Dual 1x4

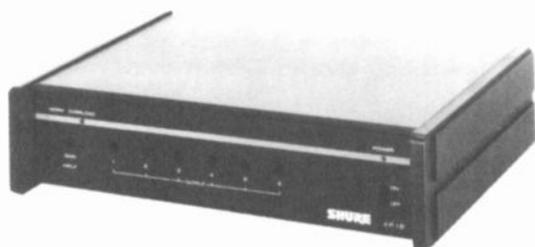
Mfg. list \$329.00.....**CALL FOR BSW PRICE**

#### DA416 Quad 1x4

Mfg. list \$469.00.....**CALL FOR BSW PRICE**



**SHURE**



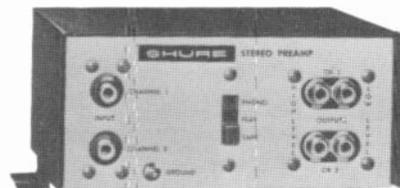
**Model FP-16  
Portable Distribution Amplifier**

Shure Model FP-16 is a 1-input, 6-output, distribution amplifier specially designed for field production use and offers features and performance rarely found in other distribution amplifiers. Phantom power is available at the input for use with condenser microphones; and all 6 outputs, as well as the input, are individually switchable to mic-or-line level. In addition, the FP-16 features link input and output jacks for interconnecting several FP-16's or adding external signal processing equipment such as equalizers, compressors or limiters.

Other features include: ruggedness and reliable operation over wide temperature and humidity extremes; light weight and compactness for portable/location use or rack-mountable (with accessory rack mount kit) for studio installations; powered by AC or built-in battery pack; recessed, screwdriver-adjustable gain controls; and power, normal, and overload LED indicators.

Mfg. list \$400.00.....CALL FOR BSW PRICE

**SHURE**



**M64A Series Stereo Preamplifier**

The M64A is a compact, professional stereo preamplifier which solves a variety of preamplification and equalization problems. A three-position slide switch selects different equalization depending on the desired application.

In the Phono position, the M64A provides standard RIAA equalization. Using the M64A in this mode, magnetic phono cartridges can operate into auxiliary level inputs or inputs without RIAA equalization.

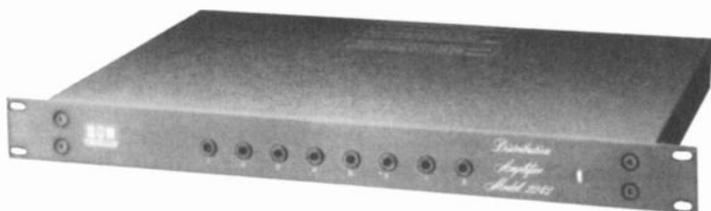
In the Tape position, playback heads on tape recorders are provided with NAB equalization.

In the Flat position, the M64A can be used as a microphone preamplifier or a low-gain buffer amplifier where long cable lengths are necessary.

Mfg. list \$99.00.....CALL FOR BSW PRICE



**PROFESSIONAL AUDIO DISTRIBUTION  
AMPLIFIER**



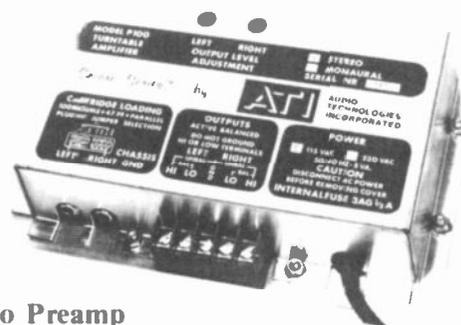
**Model 2242**

The new BGW Model 2242 Professional Audio Distribution Amplifier stands alone in a class unto itself. Designed to be a very high performance two channel 1 x 4 (one input and 4 outputs) line amplifier, the Model 2242 is well suited for World Class recording studio and broadcast facilities.

**Beyond Digital Performance**

The performance of the 2242 is truly exceptional with ultra-low distortion, wide bandwidth, very low noise, enormous output capability, and very high common mode rejection. Used in a Digital Recording facility, the 2242 will not degrade the performance of the recording chain.

Mfg. list \$799.00.....CALL FOR BSW PRICE



**Model P-100S  
Precision Phono Preamp**

- No compromise audio quality
- Cost effective
- State-of-the-art

Mfg. list \$239.00.....CALL FOR BSW PRICE



**Model P-1000S Phono Preamp  
MicroAmp Series**

Microamps are available in 3 models: Transformer outputs for high RF environments, balanced differential outputs for maximum output with lowest distortion and widest response. Single ended outputs for lowest cost.

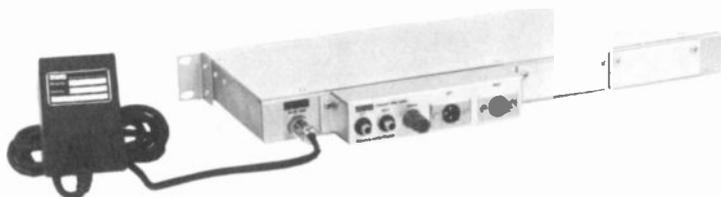
**P-1000-1 Transformer**  
Mfg. list \$345.00.....CALL FOR BSW PRICE

**P-1000-2 Balanced**  
Mfg. list 345.00.....CALL FOR BSW PRICE



## Amplifiers - Phono

### Straight Wire Audio Phono Preamp



#### Model PH2BU

The SWA phono preamps use low noise open loop balanced FET input amplifiers which, like their tube counterparts, exhibit immeasurable Transient Intermodulation Distortion and require virtually zero current from the phono cartridge itself. This phono input stage is the only one commercially available that operates without negative feedback.

Mfg. list \$395.00.....CALL FOR BSW PRICE

## RADIO SYSTEMS



#### Model RSPA-1 Phono Preamp

##### Real RFI Immunity:

Time and time again, the PA-1 performs flawlessly in intense RF environments where no other phono pre-amplifier will work.

##### Quiet Performance:

Crosstalk between channels is also so low that the PA-1 makes the perfect dual pre-amp for two channel, mono use.

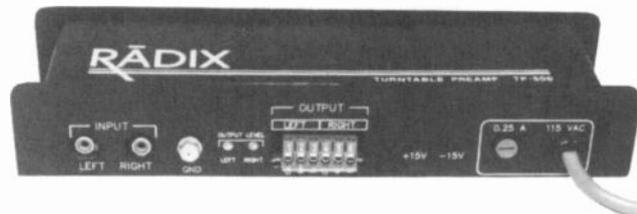
##### Responsive Design:

Uniformly high-speed circuitry, with response up to the MHz range, insures the unit's capability to reproduce even the fastest music peaks.

Mfg. list \$295.00.....CALL FOR BSW PRICE

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ONE LOCATION  
MEANS LOWER PRICES  
1-800-426-8434**

## RADIX



### Sterling Performance

#### Model TP-500

RADIX is everything you would expect from a high performance turntable preamp. Superb specifications makes Radix ideal for stereo, or dual preamp for two channel monaural use. And yet, the cost remains competitive with other quality brands. That's sterling performance.

#### Designed For Exceptional RFI Immunity

- Distortion: Less than .01% at full output
- Noise: Better than 76 dB S/N unweighted
- Channel separation: 90 dB
- Output: +20 dBm single ended .600 OHMS  
+25 dBm balanced .600 OHMS
- Designed for stereo or dual mono operation
- Compact enclosure - easy to install

Mfg. list \$289.95.....CALL FOR BSW PRICE

## STANTON



#### Model 310B Professional Phono Preamplifier

The Model 310B Stereo Phono preamplifier is designed to correctly interface all Stanton and selected magnetic phonograph cartridges for optimum playback of disk records and calibration of audio systems. The 310B Preamp features universal mounting by special brackets, instant selection of flat or NAB postemphasis curves, switchable, effective rumble filter individual adjustment of gains and high frequency responses, trimming of the capacitive cartridge loading at the input, provision for setting the power transformer for either 117 or 230V operation at 50 or 60Hz and immunity to external magnetic AC fields. The 310B can be used in balanced as well as in unbalanced modes as well as in-phase and out of phase mix of L and R channels for monophonic reproduction of older records.

Mfg. list \$280.00.....CALL FOR BSW PRICE



**Model D75 Stereo Amplifier**

Broadcasting's most popular amplifier. 35 watts per channel RMS with harmonic distortion only .05%. The D75 features active balanced inputs and XLR connectors. 3 Year warranty.

Mfg. list \$524.00.....CALL FOR BSW PRICE



**Model 85 Stereo Amplifier**

- Front panel mounted magnetic circuit breaker
- Power output 35 watts per channel or 90 watts mono (80 ohms)
- Toroidal mains transformer
- Front panel headphone jacks
- Rear panel stereo/mono switch

Mfg. list \$519.00.....CALL FOR BSW PRICE



**Model D150A2 Stereo Amplifier**

Broadcasters, recording studios, churches and sports arenas all over the world have recognized Crown's D150A as a standard of audio excellence. 80 watts per channel RMS into 8 ohms.

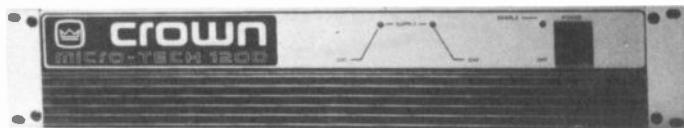
Mfg. list \$699.00.....CALL FOR BSW PRICE



**Model 150 Stereo Amplifier**

- 50 watts per channel
- .05% THD 8 ohms
- XLR and 1/4 inch input connectors

Mfg. list \$799.00.....CALL FOR BSW PRICE



(Model 1200 shown)

**Model MT 1200 Stereo Amplifier**

Micro-Tech™ series amplifiers from Crown are packed with Crown Quality and plenty of power. Model 600 delivers 200 watts per channel into 8 ohms and Model 1200 delivers 350 watts per channel into 8 ohms. 3 year warranty.

**Model 600**

Mfg. list \$899.00.....CALL FOR BSW PRICE

**Model 1200**

Mfg. list \$1,169.00.....CALL FOR BSW PRICE

**EDCOR**



**Model GLA-10 Mono Mixer Amplifier**

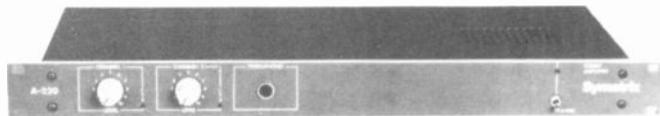
The perfect utility amplifier! Single channel with 25V and 70V transformer output. 10 watts of power and 2 inputs for mic or line.

Mfg. list \$134.00.....CALL FOR BSW PRICE



## Amplifiers - Power

# Symetrix



### 20 Watts Per Channel

#### Model A-220 Stereo Amplifier

High performance, low power stereo amplifier. The A-220 will develop better than 20 watts per channel into 8 ohms with full power distortion of less than .02% @ 1kHz. Typical application includes the powering of headphone distribution boxes and small monitor speakers. Mfg. list \$315.00.....CALL FOR BSW PRICE



#### Model MA 1000-1

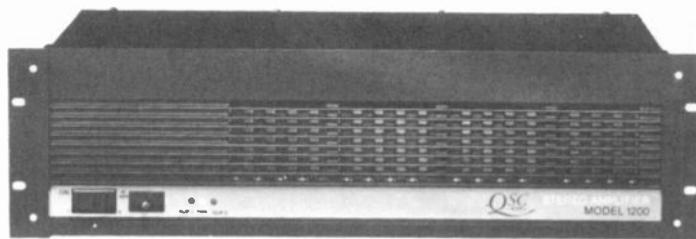
#### Precision Stereo Headphone Power Amplifier

- Ideal headphone or small loudspeaker driver for low output consoles, newsroom cart machines, etc.
- 25W Switchable Mono bridged operation
- Complete electronic output protection, impervious to shorts and overloads

Mfg. list \$365.00.....CALL FOR BSW PRICE



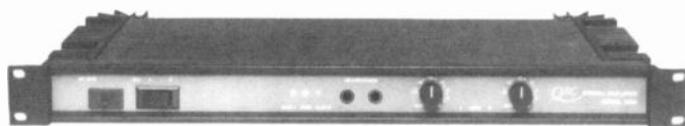
### SERIES ONE 100W PER CHANNEL AT 8 OHMS



#### Model 1200 Stereo Amplifier

- Independent DC and Sub-Audio speaker protection on each channel
- Dual power supplies
- Calibrated gain controls
- Active balanced inputs
- Gold plated octal-socket program switches
- Mono bridging switch
- 1/4" RTS, XLR and barrier input connectors
- 2 year warranty

Mfg. list \$548.00.....CALL FOR BSW PRICE



#### Model 1080 Stereo Amplifier

The Model 1080 is a moderate power, single rack space amplifier designed for professional and commercial audio applications requiring both high performance and high reliability. The 1080 is loaded with useful features and benefits.

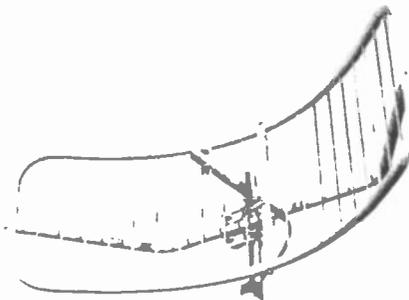
35 watts per channel at 8 ohms

Mfg. list \$488.00.....CALL FOR BSW PRICE



**SCALA** ELECTRONIC CORPORATION

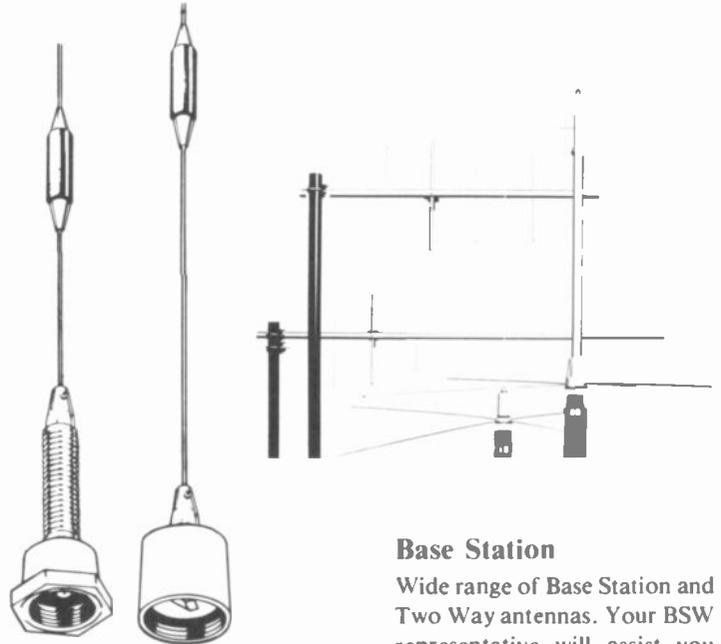
**LARSEN**



**Model MF-960 Miniflector Antenna**

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

Mfg. list \$300.00..... **CALL FOR BSW PRICE**

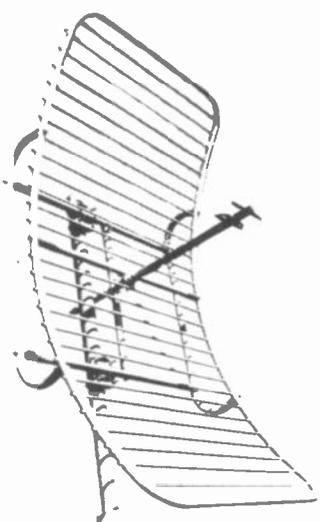


**Two Way**

**Base Station**

Wide range of Base Station and Two Way antennas. Your BSW representative will assist you with the correct system for your requirements.

**CALL FOR BSW PRICES**



**Model PR-450U Antenna**

- UHF-TV reception
- UHF-TV translators
- Telemetry
- CATV systems
- Point to point communications
- Aural broadcast STL systems

Mfg. list.....\$550.00

**CALL FOR BSW PRICE**

**ICE KRACKER**

**PROTECT YOUR TOWER**

During icing conditions, the formation of a cylinder of ice of substantial diameter can occur on the guy lines. As the temperature increases, these cylinders of ice will loose their grip on the wire and can slide down toward the anchors. The speed and weight of the ice running down the line has sufficient force on impact to strip off the hardware and/or unravel the wire grips. When this occurs, the guy tension may be loosened or become detached from the anchor.

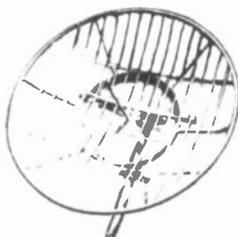


The ICE KRACKER is a substantial and inexpensive, galvanized iron casting in the shape of a cone, which you can bolt onto your guy lines about two to three feet above the guy line anchoring hardware. When ice slides down it will hit the ICE

KRACKER instead of your guy anchor, thereby saving your tower.

**5 Models From \$19.95 to \$34.95**

**CALL BSW FOR PARTICULARS**



**Grid Parabolic Ringback Antenna**

- Full line of
- Micro-wave
  - Point to point
  - Cellular
  - Grid high performance
  - Earth station
  - Two way

Call for BSW Price



# CELWAVE

## FM Broadcast Antennas Circularly Polarized



- FM Broadcast Antennas
- Circularly Or Horizontally Polarized
- FM Educational Antennas
- Radomes
- Directional Couplers
- Low Pass Filters
- Base Station Antennas
- Cavity Resonators
- Duplexers

Here is a series of circularly polarized and horizontally polarized commercial and educational antennas for the FM broadcast industry. These antennas are less susceptible to corona. The unique circularly polarized antenna assures phase coincidence of the vertical and horizontal components.

Circularly and horizontally polarized antennas are available with any combination of null fill and beam tilt. The High Power and Low Power antennas utilize identical radiating elements. The Low Power series employs 1 5/8 inch feedline. The High Power units use 3 1/8 inch feedline. Both series of antennas are available in systems which incorporate 1 to 16 elements.

For Details  
Call Toll Free  
1-800-426-8434

# CETEC ANTENNAS

## FM BROADCAST ANTENNA TRUE CIRCULAR POLARIZATION

## FM BROADCAST ANTENNA EDUCATIONAL & LOW BUDGET

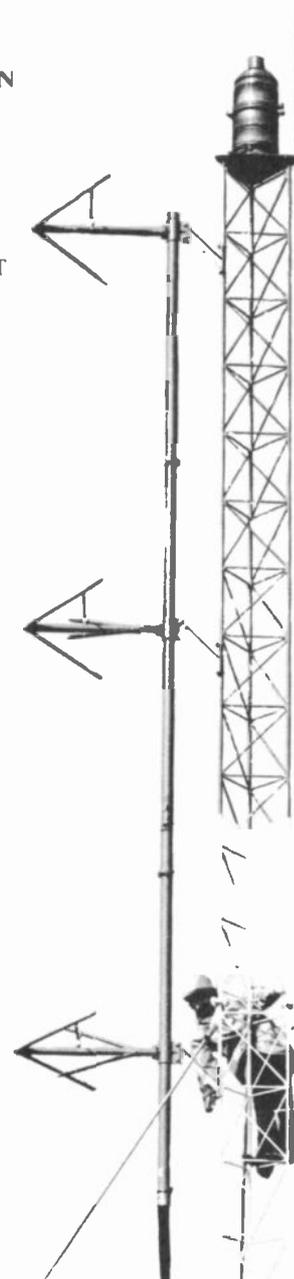
## FM BROADCAST ANTENNA LOW POWER BROADCAST

## FM BROADCAST ANTENNA MEDIUM POWER

## FM BROADCAST ANTENNA HIGH POWER - HEAVY DUTY

## FM BROADCAST ANTENNA EXTREMELY HIGH POWER HEAVY DUTY

## RADOMES



ELECTRONIC & AUTOMATIC  
DEICER CONTROLS &  
DEICER HEATING EQUIPMENT

JSCP Series B  
Broadcast Antenna

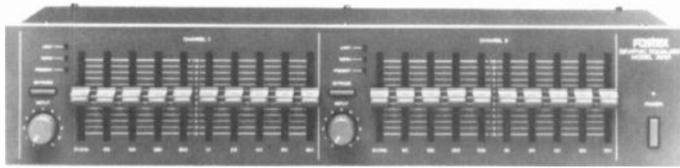
CETEC Antenna (Formerly JAMPRO) manufactures a complete line of high quality antennas & components and deicer equipment for all broadcast applications.

Call BSW Toll Free  
For Configuration & Pricing  
1-800-426-8434



**Fostex**

**ORBAN**



**Model 3030 Graphic Equalizer**

**Compact - Flexible - Affordable**

Gives you important extra control over your music! Plus it's easy to set up and very easy to use. 10 bands of EQ per channel.

Mfg. list \$250.00.....**CALL FOR BSW PRICE**

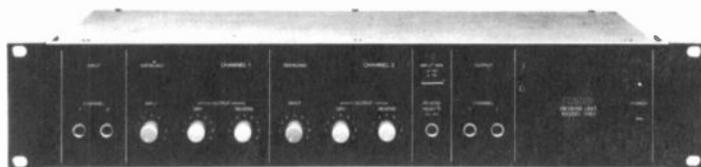


**Model 3070**

**2 Channel Gated Compressor/Limiter**

The Fostex 3070 is an excellent example of compressor/limiter technology as applied for today's producer/engineer.

Mfg. list \$400.00.....**CALL FOR BSW PRICE**



**Model 3180**

**2 Channel Reverb Unit with Predelay**

The Fostex 3180 is a shining example of how modern technology has achieved a remarkably natural reverb sound at a remarkably reasonable price.

Mfg. list \$400.00.....**CALL FOR BSW PRICE**



**Model 245F Stereo Synthesizer**

The Orban 245F Stereo Synthesizer has been designed to take any mono signal and create life like pseudostereo. Unlike many other techniques, the patented Orban stereo synthesis technique causes no change in spectral balance, does not blur the transient definition, and adds not the slightest audible noise or distortion to the mono original. The stereo output sums back to the original mono for total mono/stereo compatibility. And the simple controls adjust in seconds to create an optimum stereo effect from any mono original.

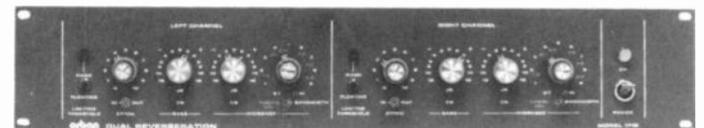
Mfg. list \$399.00.....**CALL FOR BSW PRICE**



**Model 672A Equalizer**

A cost-effective professional quasi-parametric equalizer with the convenience of graphic-type EQ controls. Features very low noise and distortion, high slew rate for minimum TIM (SID), front panel gain control with 12 dB gain available, "peak-stretching" overload lamp to warn of clipping, active balanced inputs and unbalanced outputs.

Mfg. list \$689.00.....**CALL FOR BSW PRICE**



**Model 111-B/1 Dual Reverb**

The 111-B/1 offers two channels of reverb in a single package that combines both electronics and spring delay lines. It is a reverb that combines full Orban quality and reliability with significant advances in cost-effectiveness. It's the only choice for anyone needing two channels of fully professional reverb in an economical package.

Mfg. list \$899.00.....**CALL FOR BSW PRICE**

*Broadcast Supply  
Is The  
Place To Buy!*



# Audio Processing

# orban



## Model 8100A/1 FM Audio Processor/Stereo Generator

The FM standard in audio processing, The 8100A/1 features:

### Performance

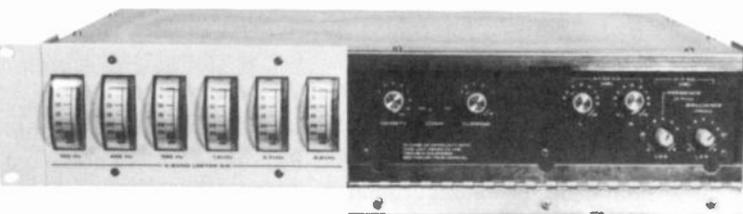
#### Highlights

- Multiband compressor/limiter/ stereo generator
- Multiband or wideband operation plus versatile setup controls permit precise "tuning" for different formats
- Freedom from processing artifacts and distortion
- Optimum voice/music balances
- Excellent high frequency power handling for brightest sound
- State-of-the-art stereo generator
- Overshoot compensator permits full modulation at all frequencies, yet doesn't increase low frequency IM distortion

#### Plus

- Dual-chassis (studio/transmitter) option
- Excellent stability and unit-to-unit uniformity
- Plug-in card construction for easy maintenance
- Built-in crosstalk test generator
- Quad coupling ability
- Rigorous RFI shielding
- True VCA gain control
- True peak-reading gain reduction meter
- Low stereo generator output impedance permits longer baseband cable runs

Mfg. list \$4,995.00.....CALL FOR BSW PRICE



## 8100A/XT2 Six-Band Limiter

### Accessory Chassis

The 8100A/XT2 works with any 8100A OPTIMOD® -FM and features two new high-frequency equalizer controls: PRESENCE and BRILLIANCE. They complement the original 8100A/XT's bass EQ controls, and give you *twice the flexibility* of the single HF EQ control typical of other add-on multiband processors.

The XT2 also excels in the most difficult of processing tradeoffs—delivering loudness on music while keeping speech free from clipping distortion. Credit this uniquely capable performance to Orban's patented multiband distortion-cancelled clipping system—which they were able to implement in the XT2 system because the XT's circuitry is fully *integrated* into the processing system, not just tacked onto the front.

The XT2 lets you have it all: natural sound, source-to-source consistency, loudness, clean voice, and adjustability that lets you tailor bass and treble to your taste and format requirements. And thanks to its efficient single-chassis construction and its use of the main 8100A power supply, it lets you have the next step in Optimod® processing at an exceptionally reasonable price.

Mfg. list \$2,075.00.....CALL FOR BSW PRICE

## Model 9100A AM Audio Processor

An integrated audio processing system for AM radio, including compressor, program equalizer, multiband limiter, clipper, and transmitter equalizer.

### Performance

#### Highlights

- Supplies very high average modulation (loudness), exceptional fidelity, uncanny naturalness, and freedom from processing artifacts to yield an FM-like sound from *typical* audio, portable, and table radios.
- Designed for universal application in domestic or international LW, MW, and SW services; easily adaptable to relevant government standards.
- Compensates for receiver high frequency rolloff with statistically-derived, adjustable equalizer to extend perceived bandwidth at the receiver without introducing midrange response anomalies or receiver tuning difficulties.
- New six-band limiter with distributed, distortion-cancelled multiband clipper yields at least 3dB increase in RMS modulation levels compared to old Model 9000A.
- Consistent output level and equalization texture over a 25dB input level range.
- Versatile and simple setup controls let you quickly arrive at the sound you really want.
- Improved transmitter equalizer corrects tilt and ringing in older transmitters and antenna systems for maximum modulation.
- Outputs for two transmitters with independent output level control and full remote control switching for TX1/TX2 and DAY/NIGHT status: i.e., *four* sets of TX EQ adjustments available, all remote selectable.
- Sum-and-difference stereo or mono versions available: mono unit fully ready for stereo processing by simply plugging in additional circuit cards.

## Model 9100A/1 Mono

Mfg. list \$3,995.00.....CALL FOR BSW PRICE

## Model 9100A2C Stereo (for C-Quam)

Mfg. list \$5,795.00.....CALL FOR BSW PRICE

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TRY?  
THEN TRY BEFORE YOU  
BUY!

Broadcast Supply West is one of the largest ORBAN dealers in the country. We provide demo Optimods® so you can hear the ORBAN processing advantage at your station. Call us toll free for details. 1-800-426-8434



# ORBAN



**Model 8182A  
Television Audio Processor**

Orban Audio Processor for T.V. An integrated approach to: Ride gain, performing desired compression, controlling excessive loudness, and controlling peaks by high frequency limiting. Includes CBS loudness circuit.

Mfg. list \$4,995.00.....CALL FOR BSW PRICE



**Model 8182A/SG  
Television Stereo Generator**

Orban T.V. Stereo Generator Works in conjunction with the 8182A processor only.

In the ten years since the introduction of Orban's original OPTIMOD-FM Model 8000A, FM stereo has grown up and they've grown with it. There are more Orban FM stereo audio processors and stereo generators in service than all other makes combined.

Now Orban brings this experience to the design of a BTSC-standard television stereo system. It starts with the refined, field-proven OPTIMOD-TV Model 8182A stereo audio processor, with patented CBS Loudness Controller and the exclusive Hilbert-Transform Clipper peak limiter. To this they add a BTSC stereo generator chassis precisely harmonized to the 8182A.

Mfg. list \$4,995.00.....CALL FOR BSW PRICE



**Model 622B Parametric Equalizer**

The ideal combination of quality, reliability and cost-effectiveness. Features include active, balanced inputs, built-in power supply, master in/out switch and in/out switch for each equalization section, 20-20,000 Hz tuning range, "peak-stretching" overload to warn of clipping, front panel gain control with +20 dBm output capability and an active RC design.

**Model 622A (1 channel)**

Mfg. list \$569.00.....CALL FOR BSW PRICE

**Model 622B (2 channel)**

Mfg. list \$879.00.....CALL FOR BSW PRICE



**Model 412A  
Compressor/Limiter**

The 412A Compressor/Limiter is Orban's entry into the general-purpose level control sweepstakes - it's designed to make you, the audio professional, the winner! Available in mono (412A) and stereo (414A) versions, it's loaded with features that most other low-cost units don't offer - but the real proof is in the listening. We invite you to compare its natural, transparent sound to any other compressor/limiter you might know or use. After you do, we feel confident you'll make it your essential AGC.

**Model 412A (1 channel)**

Mfg. list \$425.00.....CALL FOR BSW PRICE

**Model 414A (2 channel)**

Mfg. list \$799.00.....CALL FOR BSW PRICE

**STUDIO OPTIMOD**



**Model 275A  
Automatic Stereo Synthesizer**

Incorporates all the features required for in-line stereo synthesis for Stereo T.V. Automatic mono/stereo detection that is accurate. The 275A is a natural companion to the 8182A system shown above. Call BSW today toll free, 1-800-426-8434, for technical brochures detailing Orban T.V. Stereo Systems.

Mfg. list \$1,895.00.....CALL FOR BSW PRICE



**Model 424A  
Processing For Your Production (2 channel)**

The 424A can be applied anywhere that current compressors, limiters, and/or de-essers are used, since its versatility does not limit it to a single sound, but instead lets it operate as a smooth, gentle compressor, a peak limiter, a de-esser or any combination.

Mfg. list \$989.00.....CALL FOR BSW PRICE



## THE AM-4 AUDIO PROCESSING SYSTEM



### Model AM-4 Mono System

The AM-4 Processing System is the result of years of research and development by engineers who have grown up in the broadcast industry.

#### Features:

- Four channel multiband control
- User controlled loudness
- Dynamic equalization
- Selectable AGC gating

### AM-4 Mono

Mfg. list \$3,450.00.....CALL FOR BSW PRICE

### AM-4 Stereo

Mfg. list \$5,950.00.....CALL FOR BSW PRICE



### Model 802

The BBE™ 802 is a multi-band, program controlled signal processor which can be employed to improve the overall sonic clarity of virtually any reproduced sound.

Utilizes high-speed dynamic gain-control circuitry to audibly improve the reproduction of program transients. This adds brightness and presence without introducing the undesirable stridency which is so often characteristic of "equalized" sound.

Increases voice intelligibility by eliminating frequency-band masking when important sibilant and consonant elements are represented in the program signal.

Mfg. list \$499.00.....CALL FOR BSW PRICE

## THE FM-4G STEREO PROCESSING SYSTEM



The FM-4G System is a careful blend of superb sounding stereo multiband AGC's, low distortion pre-emphasis limiters, and overshootless low pass clipping filters which make outstanding quality and loudness improvements easy to obtain.

#### Includes:

- SPP 800 Stereo Preparation Processor
- SEP 800 Stereo Spectral Energy Processor
- SMP 800 Stereo Modulation Processor
- SG 800 Stereo Generator

Mfg. list \$7,200.00.....CALL FOR BSW PRICE



### Model SG800

#### FM Stereo Generator

The SG800 from CRL is the first stereo generator designed to handle highly processed audio.

The SG800 has outstanding specs. One of the reasons is CRL's exclusive Balanced Modular design. This allows ultralinear modulation of the 38kHz subcarrier, while maintaining a precision digital phase lock with the pilot to prevent any frequency drift.

Audio Frequency Response: 10Hz to 15kHz, plus or minus 0.2 db.  
THD Distortion: (10 to 15kHz) less than .03%  
IM Distortion: less than .03% (60Hz/7kHz at 4:1)

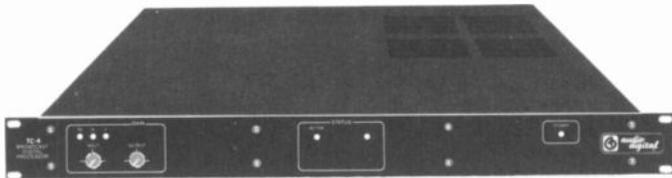
S + N/N: 80db or greater, referenced to calibrate level Pilot Frequency  
Stability: Less than 1Hz from -10°C to +40°C.

Crosstalk: Left/Right and Right/Left, 60db or greater  
Crosstalk: Main to Sub and Sub to Main, 60db or greater

Mfg. list \$1,450.00.....CALL FOR BSW PRICE



**TEAC**



**Model TC-4 Broadcast Digital Delay**

A state-of-the-art advancement in broadcast profanity delay. 6.8 seconds delay time, 15kHz band width, and 85dB dynamic range. Optional card allows memory dump as well as a catch-up feature.

Mfg. list \$1,395.00.....CALL FOR BSW PRICE



**Model EQA-10II  
Stereo 10-Band Graphic Equalizer**

- Ten-band audio frequency spectrum analyzer
- Source and tape input
- Equalizer In/Out switch
- Pre/Post equalizer switch
- Equalizer boost/cut controls

Mfg. list \$198.95.....CALL FOR BSW PRICE



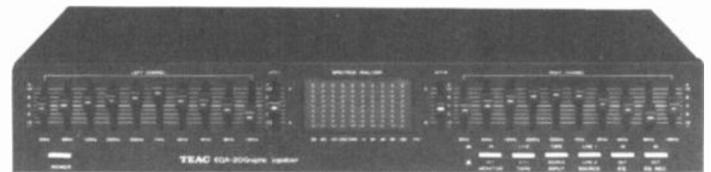
**Model TC-2 Digital Delay Processor**

**Studio Quality Effects**

The TC-2 Digital Delay System includes all the features you need in one package.

- Positive and negative flanging
- Chorusing
- 1 second delay adjustable echo

Mfg. list \$1,095.00.....CALL FOR BSW PRICE

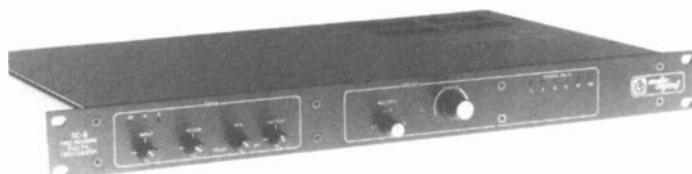


**Model EQA-20BL Graphic Equalizer**

Same as EQA-10II (shown above) plus

- LED Light On Slide Knobs
- Left & Right Attenuators
- Tape Monitor Capability During Recording
- Record Two Decks Simultaneously

Mfg. list \$248.95.....CALL FOR BSW PRICE



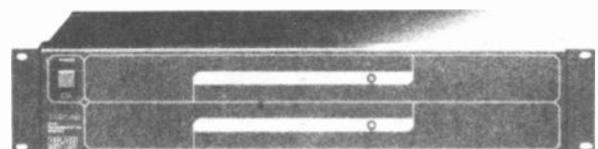
**Model TC-3 Pre-Reverb Digital Processor**

The Audio Digital Pre-Reverb Digital Processor is useful in studio applications requiring enhancement of a mechanical reverb system. Because of its flexibility it will also perform as a stand-alone studio quality Digital-Delay. Delay time is selectable in one millisecond increments up to 260 milliseconds, with a 20kHz bandwidth, and 90db dynamic range. Built-in mixing and regeneration controls enhance the TC-3 as a stand-alone processor in live as well as studio applications.

Mfg. list \$599.00.....CALL FOR BSW PRICE

**TASCAM**

**FOR PROFESSIONAL USE ONLY**



**Model RS-20B  
Stereo Reverberation System**

The RS-20B is straight forward, easy to connect and operate. There are a pair of unbalanced input jacks with foldback jacks for "chaining" the signal to another signal processor, and a pair of unbalanced output jacks. The only operating controls are the power switch and a level switch to select between input/output of -10 dbv or +4 dbv. A bi-color LED on each channel usually show when signal is present, and changes color when the minimal load is exceeded.

Mfg. list \$429.95.....CALL FOR BSW PRICE



# Lexicon



Model SC200

## DIGITAL REVERBERATOR

### STATE-OF-THE-ART PERFORMANCE

#### UNPRECEDENTED ECONOMY

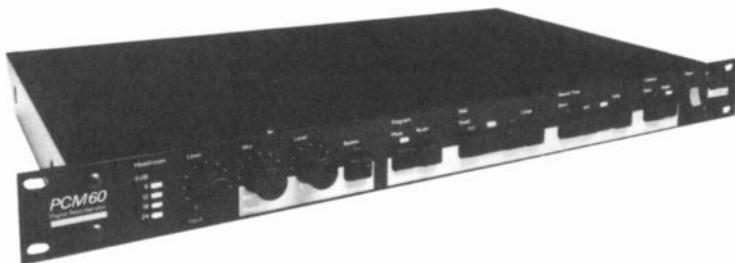
#### SIMPLE, INTUITIVE OPERATION

#### Model SC200

The Lexicon Model SC200 is a new, full-featured digital reverberation/room simulation system that puts the capabilities of advanced Lexicon reverbs within reach of modest budgets. Engineered to provide the versatility and sound quality that have made Lexicon the world standard in ambience processing, the rack-mountable 200 features on-board, front-panel reverb mix and level controls and is ideally suited for use by small-to-medium-size studios, live performers, broadcasters, and sound-reinforcement companies. It provides superb reverb performance heretofore only available to world-class studios.

Now, with a touch of a key, the Model SC200 offers the sound engineer a choice of 40 (software expandable) preset Halls, Chambers, Plates and Rich Plates - in an affordable, rugged package. Through front-panel controls, factory presets are starting points for an infinite number of user-created halls, chambers, and plates. Ten user-created ambiances can be stored in nonvolatile memory for instant recall.

Mfg. list \$4,800.00.....CALL FOR BSW PRICE



#### Model PCM 60

Here is a fantastic reverb effects unit that is simple and easy to use. Perfect for production environments that want Lexicon quality but also want simplicity so anyone can operate. Over 120 different variations of reverb are available by pushing only a few buttons. Mono input, Stereo output.

Mfg. list \$1,040.00.....CALL FOR BSW PRICE



#### Model PCM 70

The Lexicon PCM 70 lets you choose from more than 40 imaginative factory programs. Versatile effects programs cover chorus and echo, multiband delays, and resonant chords - each with six voices. In addition, the PCM 70 offers you Lexicon reverb programs like concert hall, rich chamber, and rich plate.

Using these factory programs as a basis, you can create 50 of your own individualized programs and store them in separate user registers. That gives you instant access to a total of more than 90 available programs.

Mfg. list \$2,295.00.....CALL FOR BSW PRICE



# Eventide

## THE NEXT STEP

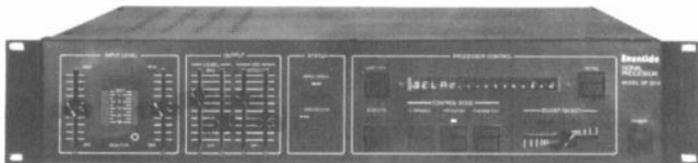


### Model H969 ProPitch Harmonizer

Eventide Harmonizers® have always set the world standard in pitch change technology. The H969 ProPitch™ Harmonizer maintains Eventide's leadership with the cleanest, highest quality pitch change ever, for the most demanding applications. This top-of-the-line Eventide Harmonizer is ready for you to audition now.

- ProPitch for unprecedented pitch change quality
- Twelve instant pitch presets at precise musical intervals
- Wide delay range and added delay feature
- Extended reverse and repeat reset modes
- New doppler effect and extended flanging

Mfg. list \$4,500.00.....CALL FOR BSW PRICE



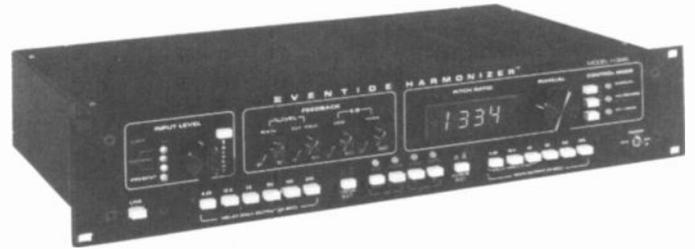
### SP2016 Effects Processor/Rverb

The most complete, versatile effects unit we sell. The SP2016 is a stereo unit that comes complete with all software that is user programmable. Effects include:

- Time scramble
- Gated reverb
- Musical combs
- Chorusing

A whole new world of special effects at your fingertips.

Mfg. list \$6,895.00.....CALL FOR BSW PRICE



### Model H949 Harmonizer

A combination digital delay line, pitch changer and all-around special effects unit. Features pitch change of one octave up, two down; two delay outputs of up to 400 milliseconds each; frequency response of 15k Hz; dynamic range of 96dB and micro-pitch change for extremely precise, stable settings. Time reversal, repeat, randomized delay and flanging controls are also provided.

Mfg. list \$3,500.00.....CALL FOR BSW PRICE



### Model BD980 Broadcast Audio Delay Line

The BD980 features an advanced, de-glitched CATCH-UP system, that is based on Eventide's patented Harmonizer® technology. When objectionable program audio is "DUMP"ed with the BD980, delay catch-up is faster and audio quality is cleaner than ever before.

Features:

- Extended frequency response to 20kHz
- Adjustable delay up to 10 seconds
- Time compression capabilities
- Stereo operation

Mfg. list \$5,495.00.....CALL FOR BSW PRICE



### Model BD931 Broadcast Audio Delay Line

- 16kHz frequency response
- Greater than 90dB dynamic range
- Mono or stereo available

	BD 931 Mono Mfg. list	BD 932 Stereo Mfg. list
3.2 Second Delay	\$1,795.00	\$2,595.00
6.4 Second Delay	\$2,295.00	\$4,495.00

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As Your Telephone.  
Toll Free 1-800-426-8434*



### Model 140A Broadcast Noise Reduction System

The dbx Model 140 simultaneous encode/decode broadcast noise reduction system is a two-channel compressor/expander providing a minimum of 30 dB broadband audio noise reduction with a 10 dB increase in system headroom. The two channels feature independent encode and decode circuitry.

In the record mode, the system compresses the input signal by a 2:1 ratio, linear in decibels over a 100 decibel range. Upon playback, the circuitry produces an exact mirror image 1:2 expansion of the encoded signal.

The dbx system eliminates tape hiss in recording, and prevents the noise build-up normally encountered in transferring information from one recorded medium to another; it does not remove noise present in the original signal.

Mfg. list \$589.00.....**CALL FOR BSW PRICE**

### Model 160X Mono Compressor/Limiter

In the world of compressor/limiters, the 160X is known as the standard — and with good reason. It delivers outstanding performance and easy-to-use operational flexibility in a slimline rack-mount package. Its metering system provides an instantaneous picture of the gain reduction of the compressed signal compared with either the input or the output level. The 160X is a textbook lesson in compression.

The 160X has all the features a studio operator, broadcast or sound-reinforcement engineer, or professional musician would want, as well as outstanding reliability for difficult road and performance conditions. It is the only compressor/limiter that gives you the choice of OverEasy or hard-knee operation, irrespective of compression ratio. The unique Infinity + compression offers unusual sonic effects, and access to the rms-defector input offers both frequency and time dependent compression.

Mfg. list \$429.00.....**CALL FOR BSW PRICE**



### Model 163X Compressor/Limiter Preamp

The 163X provides traditional dbx sonic quality and performance in a rugged, easy-to-use package at a very untraditional price. It's designed for the working musician, sound contractor, small-studio operator, disco DJ — anyone who needs a low-cost, friendly compressor/limiter/preamp.

The 163X was designed for simplicity of use at no sacrifice in sonic quality. A single fader, along with the level-set control, provides the flexible combination of compression and gain at a consistent output level. Rear and front panel inputs allow quick and complete system hookup and operation that can be switched over to instrument or microphone just by "plugging in" to the front panel.

Mfg. list \$149.00.....**CALL FOR BSW PRICE**

### Model 166 Dual-Channel Gated Compressor/Limiter

#### Features:

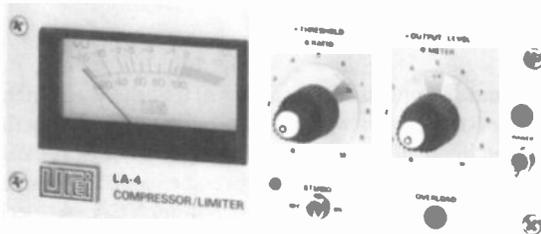
- Noise gating with switchable release rate
- Variable OverEasy compression with infinity: 1 effects
- PeakStop, for good-sounding clipping
- Sidechain monitoring
- Rack-mountable; low-profile
- Hardwire bypass
- Stereo or dual-mono operation

Mfg. list \$549.00.....**CALL FOR BSW PRICE**

*For The Complete dbx Line-Up  
Call BSW Toll Free 1-800-426-8434*



**Urei**

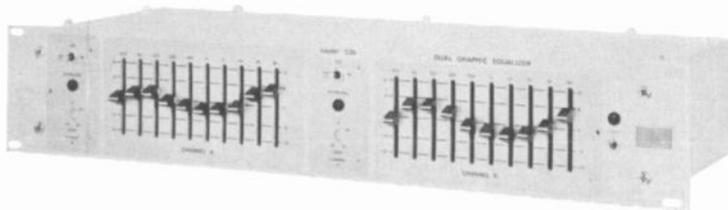


**Model LA-4 Compressor/Limiter**

Long established in the industry, the Urei LA-4 Compressor/Limiter gives you smooth natural sounding compression with selectable compression ratio.

- Long-life LED attenuator
- Smooth, natural-sounding RMS action
- Input overload indicator
- Simple stereo coupling
- Space-saving 8½ inches wide
- Two units needed for stereo

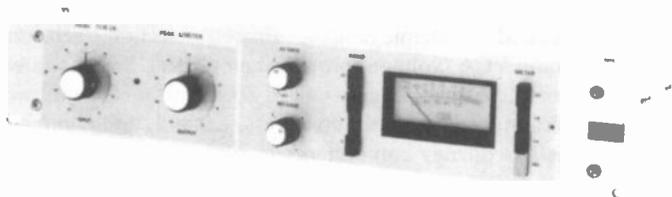
Mfg. list \$496.00.....CALL FOR BSW PRICE



**Model 535 Dual Graphic Equalizer**

- Two channels in one complete package
- Ten adjustable equalizers on each channel
- Low distortion, low noise
- Standard rack mounting

Mfg. list \$546.00.....CALL FOR BSW PRICE



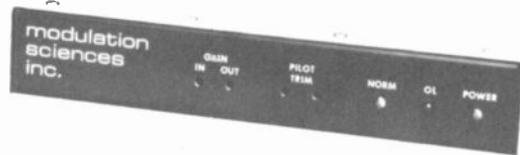
**Model 1176LN Peak Limiter**

- True peak limiter
- Excellent noise specs
- Ultra-fast attack time
- Extremely stable

**Model 1176LN**  
Mfg. list \$596.00.....CALL FOR BSW PRICE

**Model 1178 - Dual Peak Limiter**  
Mfg. list \$896.00.....CALL FOR BSW PRICE

**MODULATION SCIENCES**



**Model CP803 FM 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 6dB with greater dynamic range without the breathing, pumping or swishing associated with conventional processing.

Mfg. list \$960.00.....CALL FOR BSW PRICE



**Dynafex™**  
BY CRL

**Model DX2 Noise Reduction System**

The Dynafex™, Model DX2 is a non-encode/decode noise reduction system designed to be used on virtually any audio signal. This device incorporates proprietary circuit design to achieve up to 30dB of noise reduction without unwanted side-effects.

The Dynafex™ is a two-channel device that will operate as a stereo unit with the channels tracking together, or it may be used on two totally independent monaural sources.

CALL FOR BSW PRICE

**TIRED OF BACK ORDERS? TRY BSW'S MILLION DOLLAR IN-HOUSE INVENTORY**



## Audio Processing

# VALLEY PEOPLE



### Model 400 Mic Processor

How do you emphasize your on-air personalities' impact? Give them a Model 400 Mic Processor from Valley People!

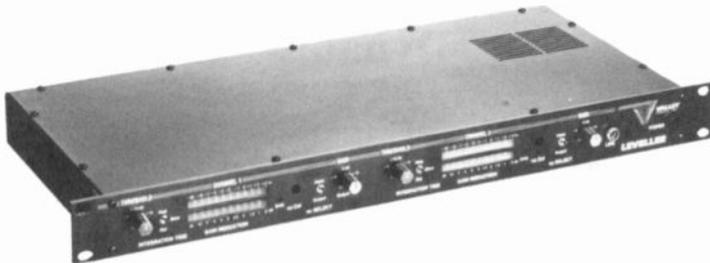
To begin with, the Model 400 contains a high quality mic preamp, so you can go line level into your console.

Other features include:

- 3 band EQ section
- Compressor/Expander
- Noise Gate
- De-esser

The Model 400 from Valley People offers the ultimate vocal mic control and dynamics processing capability.

Mfg. list \$649.00.....**CALL FOR BSW PRICE**



### The Leveller

The Leveller from Valley People is a great device for general purpose levelling applications.

While the Leveller uses the latest in state-of-the-art electronic components and complex proprietary circuitry to yield unprecedented level control over your audio signal, you'll find that the sound derived is very warm and natural. In fact, the processed signal is reminiscent of the "tube" sound popular many years ago and recently experiencing revived interest.

A suggested application would be for overall level control for your on air console output.

Mfg. list \$699.00.....**CALL FOR BSW PRICE**



### Model 610

The Model 610 Dual Compressor/Expander offers the convenience of two high quality compressors with the flexibility of multi-function dynamics processing in an attractive, rugged 3½" x 19" rack package. Each of the two channels consists of a compressor section and an expander section both controlling a common channel VCA. A special release coupling circuit provides symmetrical release characteristics for both the compressor and expander making interactive processing possible, thus eliminating the problems associated with using separate dedicated-function units.

### Applications:

- Compressing mixed program material for increased loudness
- Processing noisy cartridge recordings for increased presence and reduced noise
- Pre-emphasis compensated limiting or compression for stereo STL or program feeds
- AGC and limiting for AM stereo

Mfg. list \$995.00.....**CALL FOR BSW PRICE**



### Model 440

Every now and then a truly unique audio signal processor is introduced which evokes the response, "That's just what I've been looking for." The Model 440 Limiter/Compressor/Dynamic Sibilance Processor is a revolutionary device, sure to put smiles on the faces of broadcasters, recording engineers and sound reinforcement professionals.

The Model 440 Limiter/Compressor/Dynamic Sibilance Processor offers the convenience of a peak limiter, a high quality compressor/expander package, and a Dynamic Sibilance Processor section, each controlling a common VCA (voltage controlled amplifier). Sophisticated intercoupling of the control circuitry used for each function allows the device to simultaneously limit, compress, expand, and eliminate undesirable high frequency components in sibilance.

Mfg. list \$649.00.....**CALL FOR BSW PRICE**

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## 1-800-426-8434

# Symetrix



### Model 501 Peak-RMS Compressor/Limiter

The Symetrix 501 combines more usable features into one compressor limiter than any other on the market.

Mfg. list \$425.00.....**CALL FOR BSW PRICE**



### Model 511 Noise Reduction System

The Symetrix Model 511 Noise Reduction System is a professional signal processing device which removes unwanted noise from audio signals. By inserting the 511 in the signal path following a reel to reel tape recorder, cart machine, VTR, or cassette recorder, the user can obtain improvements in signal to noise ratios of up to 30dB from previously recorded tapes which have been found to be objectionably noisy. No previous encoding of the recorded signal is necessary.

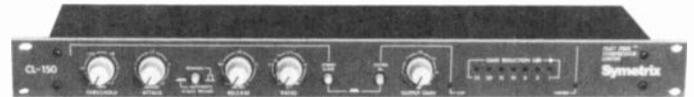
Mfg. list \$629.00.....**CALL FOR BSW PRICE**



### Model 528 Voice Processor

The 528 is a complete system that contains all the control functions needed for voice processing; mic preamp, compressor/limiter, downward expander, parametric equalizer, and de-esser. High density electronics packaging allows five high performance signal processors to fit comfortably in a single rack space. Nothing is left out - the 528 has a full complement of controls in an easy-to-use layout. LED meters indicate output level, gain reduction, and de-esser activity.

Mfg. list \$649.00.....**CALL FOR BSW PRICE**



### Model CL-150B Fast RMS Compressor/Limiter

The Symetrix CL-150B Compressor/Limiter offers the audio professional a compressor/limiter with truly superior performance characteristics at a very economical price. Continuing in the tradition of previous Symetrix compressor/limiter designs the CL-150B processes audio signals without the addition of objectionable side effects like distortion, noise, or "pumping" which are so often associated with compressor/limiters.

Mfg. list \$349.00.....**CALL FOR BSW PRICE**



### Model 522 Expander Gate Ducker Compressor/Limiter

The Symetrix Model 522 is a multi-function dynamic range control device. The 522 incorporates two channels which may be used independently or in a stereo interconnect mode. Each channel of the 522 may be set to perform one of the following functions: (1) compression/limiting, (2) downward expansion, (3) noise gating, (4) ducking. In addition the user has the option of patching the two channels in series to combine functions. For example, with channel one in the compressor mode and channel two in the gate mode the 522 functions as a monaural "gate compressor/limiter." This of course is only one of many possible combinations. Each channel is essentially a "four-in-one" dynamic range processor.

Mfg. list \$595.00.....**CALL FOR BSW PRICE**



### Model 525 Dual Gated Compressor/Limiter

The Model 525 Dual Gated Compressor/Limiter is the latest addition to the Symetrix family of dynamic range controllers.

#### Features:

- A multi-function dynamic range controller designed for exceptional performance and ease of operation.
- Two independent channels which may be ganged for stereo operation.
- Simultaneous compress/limit and expand/gate action.
- Separate compress/limit and expand/gate side-chains each of which respond in a program dependent fashion to make set-up quick and simple.
- Balanced inputs and outputs.

Mfg. list \$495.00.....**CALL FOR BSW PRICE**



## Audio Processing

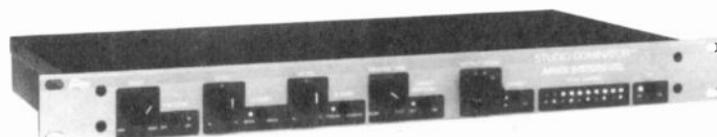


### Aphex II Broadcast Aural Exciter

The Aphex Aural Exciter has become a standard in the music industry and has been used for years on thousands of albums, movies, broadcast productions, commercials and concerts. The Aural Exciter is now accepted as a unique method to achieve clarity, definition and dimensionality in reproduction of sound. The program material literally "opens up" possessing more detail and intelligibility, as well as greater apparent frequency and dynamic range.

- Improved intelligibility and clarity
- No listener fatigue
- Enhance stereo imaging
- Complete mono capability
- Easily interfaced with any system
- Restored natural quality to processed signals

Mfg. list \$2,495.00.....CALL FOR BSW PRICE



### The STUDIO DOMINATOR™

#### Stereo Tri-Band Peak Processor/Limiter

Provides absolute peak ceiling  
Total transparency below processing threshold/during processing:

- Increased loudness
- No hole punching
- Freedom from spectral gain intermodulation
- Minimal loss of transient feel
- High density capability

Flexible —easy to use  
Multiple applications

#### Features:

Phase coherent filters in crossovers  
Aphex 1537A VCA control element  
ALT (TM) (Automatic Limit Threshold)—intelligent limiting  
TEC (TM) (Transient Enhancement Circuit)—restores transient feel even under heavy limiting  
Servo balanced transformerless input and output stages RF proofing

#### Optional:

Pre-Emphasis and Pre-Emphasis/DeEmphasis circuit  
Matrix and De-Matrix circuit

Mfg. list \$1,195.00.....CALL FOR BSW PRICE



### Compellor

#### Compressor/Leveler/Peak Limiter

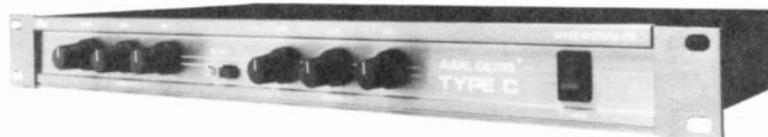
Introducing The Compellor™, the most revolutionary audio processor in the world. It thinks, adapts and delivers three separate functions—simultaneously. □Its control circuits are actually an analog computer which has a single VCA for minimal signal path to give you simultaneous compression, leveling and peak limiting. □You just set the Compellor™ once and its three separate functions work together harmoniously to deliver a loud and clean sound. The kind that audio engineers have always wanted but which wasn't available before. □The Compellor™ provides complete dynamics control, smooth inaudible compression, increased loudness, freedom from constant gain riding and the desired density—all automatically. □This smart, versatile audio processor is extremely cost effective and thoroughly functional for broadcast pre-processing, microphone control, audio production and tape duplication.

#### Mono

Mfg. list \$795.00.....CALL FOR BSW PRICE

#### Stereo

Mfg. list \$1,195.00.....CALL FOR BSW PRICE



### Aural Exciter™ Type C

#### Affordable Processing For Production

- Newest version of the Aural Exciter™ from Aphex—the originators of psychoacoustic enhancement.
- Uses the same principles as the more expensive Aural Exciters™ used on thousands of hit albums, concerts and movies, and on the air on hundreds of radio stations worldwide.
- Restores natural brightness and presence makes your sound real again.
- Improves intelligibility; makes individual sounds distinct from one another.
- Increases perceived loudness without changing actual gain or EQ.
- Perfect for production room!

Mfg. list \$299.95.....CALL FOR BSW PRICE



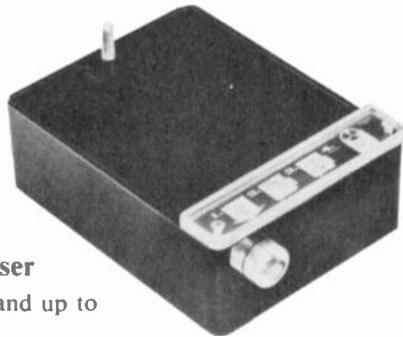
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Toll Free  
1-800-426-8434

# TAPE DEGAUSSERS

For Audio, Video, Computer And Cartridge Tape

## ERASING MADE EASY

### AUDIOLAB



**Model TD-1B**  
**Table Top Eraser**

Erases cartridges and up to 10½" reels.

Mfg. list \$119.00.....CALL FOR BSW PRICE

### SONAR MARK I



**Heavy-Duty**  
**Hand-Held Eraser**

Mfg. list \$52.00.....CALL FOR BSW PRICE

### FIDELIPAC



**Model 395 Magnetic Tape Eraser**

Greater magnetic field strength and longer on-duty cycle than any other hand-held eraser on the market.

- Burn-out proof
- Almost indestructible
- Easy to operate

Mfg. list \$60.00.....CALL FOR BSW PRICE

### SONAR VIDEO

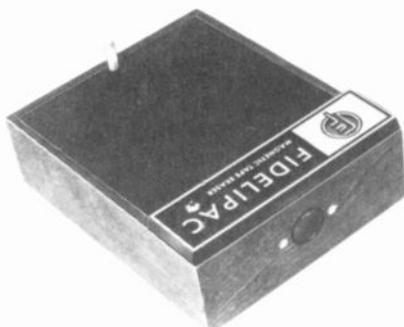
#### PULSATING VIDEO ERASER by SONAR



**Model VP-2001**

The VP-2001 is specifically designed to fully erase all grades of up to 1" video tape, ¾" u-matic and even the time codes. One year warranty.

Mfg. list \$165.00.....CALL FOR BSW PRICE



**Model 400**  
**Magnetic Tape Eraser**

Erases cartridges and up to 10½" reels.

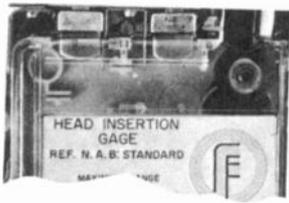
Mfg. list \$110.00.....CALL FOR BSW PRICE



**Model PF-211**  
**Hand-Held Professional Bulk Eraser**

Mfg. list \$54.95.....CALL FOR BSW PRICE

# Cartridge Accessories



## FIDELIPAC

Fidelipac  
328 Head  
Insertion Gauge

BSW PRICE \$7.60

## EDITING PENCILS

White China Markers  
Package of 12

\$9.45



**NORTRONICS**  
Model PF 710  
Zenith Height Gauge

- Two Measuring Devices In One
- Easy To Use Package



BSW PRICE.....\$51.85

**NORTRONICS**  
QM-116 Head Cleaning Spray.....\$7.65

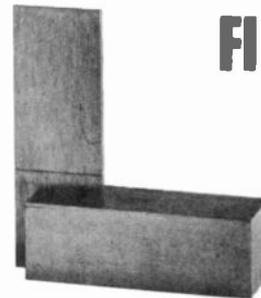
PF-132 Head Cleaning Liquid.....\$14.00

Non-flammable, non-toxic trichlorotrifluoroethane is completely safe on plastics, rubber, metals, painted surfaces, epoxies and elastomer parts.

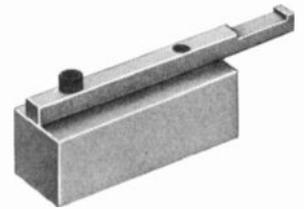
## Broadcast Supply West Cartridge Labels



Six Assorted Colors (Black, Red, Orange, Green, Blue, Yellow)  
Rolls (1000 Labels).....\$17.95 per roll  
Sheet (10 Labels) 1-50 sheets.....26¢ per sheet  
51 + sheets.....25¢ per sheet



## FIDELIPAC



387 Right Angle Zenith  
BSW PRICE.....\$33.25

326 Height Gauge  
BSW PRICE....\$28.00



### SPLICING BLOCKS

Nortronics PF-311.....BSW PRICE \$27.75

Editall S3.....BSW PRICE \$33.95

### SPLICING TABS

PF-524 50 Metal Sensing.....BSW PRICE \$6.50

QM-526 200 Reel Tabs.....BSW PRICE \$20.95

## COTTON SWABS

For Cleaning Heads

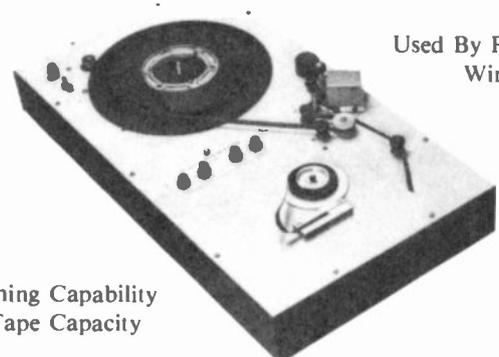
BCS 100.....\$2.95

BCS 500.....\$9.95

BCS 1000.....\$17.95

## Tapecaster

Tapecaster X-100 Automatic  
Cartridge Loader



Used By Professional  
Winders

Full Timing Capability  
10 1/2" Tape Capacity

BSW PRICE.....\$495.00



## NORTRONICS HEADS

Large Selection  
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All Prices Dramatically  
Reduced - Check Our  
Everyday Low Prices

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THE INDUSTRIES'  
QUALITY HEAD

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COMPLETE SELECTION  
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## CBS TEST RECORDS

- CTC 300 - Phonograph test record
- CTC 310 - Distortion test record
- CTC 330 - Studio test record
- CTC 340 - Acoustical test record
- CTC 350 - Turntable & Tonearm test record

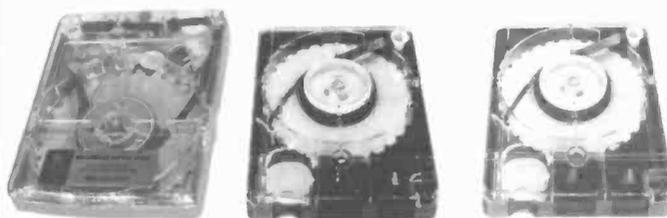
**YOUR CHOICE**

BSW PRICE..... \$26.95

**GEM BLADES  
FOR SPLICING AND EDITING**

BOX 100                      CARTON 1000  
\$7.95                              \$49.50

## FIDELIPAC



**FIDELIPAC    MASTERCART    MASTERCART**  
**#300                      AA                      II**

### THE ORIGINAL ENDLESS LOOP CARTRIDGES

FIDELIPAC Model 300

For Monaural Broadcasting

MASTERCART AA

The AA Cartridge With Standard or Hot Tape  
For Mono or Stereo Broadcasting

MASTERCART II

The AA Cartridge With High Output  
Low Noise Tape For Mono Or Stereo  
Broadcasting

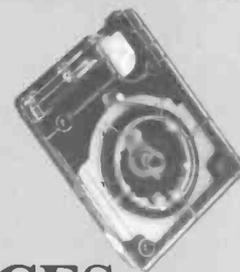
**LOW PRICE  
VOLUME  
DISCOUNTS**

## SCOTHCART

**THE CART THAT DARES  
TO BE DIFFERENT**

**Manufactured By 3M  
Recommended By ITC**

AA standard wound with  
3M high performance tape

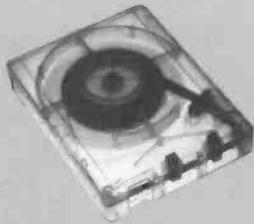


**LOW PRICES  
VOLUME  
DISCOUNTS**

## Cartridges



**SUPERIOR BY DESIGN  
AND THEY COST LESS  
MUCH LESS**

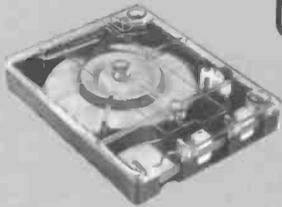


**Model AA Standard  
For Monaural Broadcast**

**Model AA II For Stereo  
Broadcast**

**LOW PRICES  
VOLUME DISCOUNTS**

**Dramatically Exceeds NAB AA Standards**

**LOW PRICES  
VOLUME DISCOUNTS**

Aristocart guarantees a sound equivalent to or better than the finest open reel on properly adjusted machines.

Aristocart's 2006 TAPE guarantees lower distortion and better response, with greater life expectancy than any other Holn tape.

**For All Mono or Stereo Broadcast**

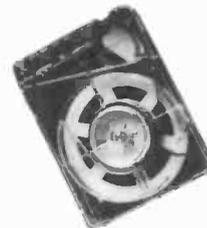
## AUDIOPAK Broadcasters' Favorite Cartridge



**AUDIOPAK A-2**

**THE MOST POPULAR CARTRIDGE  
FOR MONAURAL BROADCASTING**

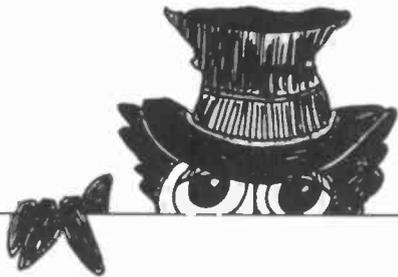
**AUDIOPAK AA-3  
Big Seller For  
Stereo and Mono Use**



**AUDIOPAK AA-4  
For All You Want A  
Cart To Do  
This Cart's For You!  
For Stereo and Mono Use**

**LOW PRICES  
VOLUME DISCOUNTS**

## CASSETTES



Model	Length	Price Each	12 Ea. Price
CM05	5 min.	.73	.63
C10	10 min.	.75	.65
C20	20 min.	.80	.70
C30	30 min.	.85	.75
C45	45 min.	.90	.80
C60	60 min.	.95	.85
C90	90 min.	1.25	1.15
CM120	120 min.	1.85	1.75
Hard Phillips Box		.20	.17

# BUY 'EM BY THE DOZEN AND SAVE





**CARTRIDGE REBUILDING**  
THE PROFESSIONAL WAY

**Save Time**  
**Save Money And**  
**Maximize The Life**  
**Of Your Cartridges**



**BSW Rebuilds**

Hand & chemical cleaning procedures to remove all old labels, dirt & grime and restore your rebuilt cartridge to like-new condition.

Replacement of all necessary parts to assure proper performance, then professionally wound by caring operators using the finest custom built winding machines and materials.

The end result is more mileage from your cartridge investment at a lower than replacement cost.



It takes just 4 seconds to erase all sizes and types of audio tape with Garner Degaussers. Just hit the power button and drop any reel or cartridge on the endless belt. You now have a clean, "no whump" erasure. Call for all the Garner models available from Broadcast Supply West, 1-800-426-8434.

**Tapecaster**



**Model X 700P**  
**Play Only**

**Model X-700RP**

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

**Features:**

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

**SPECIFICATIONS**

Equalization: NAB Standard

Frequency Response:  $\pm 2\text{db}$  50-12,000Hz @ 7.5 IPS.  
 $\pm 3\text{db}$  40-15,000Hz @ 7.5 IPS.

Distortion: 2% or less.

Signal to Noise Ratio: 55db or better.

Wow and Flutter: 0.2% or less @ 7.5 IPS.

**PLAYBACK**

**X-700P Mono**

Mfg. list \$695.00.....CALL FOR BSW PRICE

**X-700PS Stereo**

Mfg. list \$895.00.....CALL FOR BSW PRICE

**RECORD/PLAY**

**X-700RP Mono**

Mfg. list \$995.00.....CALL FOR BSW PRICE

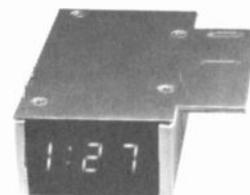
**X-700RPS Stereo**

Mfg. list \$1,295.00.....CALL FOR BSW PRICE

**X-700RPD Mono Delay**

Mfg. list \$1,150.00.....CALL FOR BSW PRICE

**BG ENGINEERING**  
**Cartridge Timing Device**



**Model BGE T1**

**Fits Most**  
**Cartridge Machines**

**BSW PRICE.....\$139.99**



## Series 3000

### Features:

- Silent Cool Operation
- Low Voltage Air Damped Solenoid
- Direct Drive Hysteresis Synchronous Motor
- Unique Phase Lok IV Head Bracket Assembly
- High Memory Pressure Roller
- Gold to Gold Contacts
- Modern Integrated Circuits



### Model 3200 Compact

BE's top of the line record/play cartridge machine. The 3200 series features air damped solenoid direct drive motor, Nortronics Duracore Heads, and outstanding performance. Fast forward and additional cue tone available as options.

For use with NAB A, AA and B, BB size cartridges. Available in mono or stereo record/playback and playback only models. Two Model 3200 units can mount side-by-side in a 19-inch rack shelf.

#### Record/Play

##### 3200RP Mono

Mfg. list \$2,275.00.....CALL FOR BSW PRICE

##### 3200RPS Stereo

Mfg. list \$2,625.00.....CALL FOR BSW PRICE

#### Play Only

##### 3200P Mono

Mfg. list \$1,325.00.....CALL FOR BSW PRICE

##### 3200PS Stereo

Mfg. list \$1,475.00.....CALL FOR BSW PRICE



### Model 3100 Slim Line

A compact and reliable playback cart machine. Includes Nortronics Duracore heads. Fast forward and additional cue tones are available as options.

For use with NAB A and AA cartridges. Available in mono and stereo playback models. Three units can mount side-by-side in a 19-inch rack shelf.

#### 3100P Mono Play Only

Mfg. list \$1,300.00.....CALL FOR BSW PRICE

#### 3100PS Stereo Play Only

Mfg. list \$1,450.00.....CALL FOR BSW PRICE



### Model 2100RPS

#### Stereo Record/Playback Cartridge Machine

The 2100 line of direct-drive cartridge machines at an affordable price. Series 2100 handles A, B, and C size carts, includes two cue tones (1 kHz and 150 Hz) as standard and provides unique switching for monaural/stereo compatibility. Modular construction, 1/2-inch aluminum transport, low-voltage air-damped solenoid and much more mean that the 2100 gives you more for your money than any cart machine on the market.

#### Record/Play

##### 2100RP Mono

Mfg. list \$1,795.00.....CALL FOR BSW PRICE

##### 2100RPS Stereo

Mfg. list \$2,095.00.....CALL FOR BSW PRICE

#### Play Only

##### 2100P Mono

Mfg. list \$1,175.00.....CALL FOR BSW PRICE

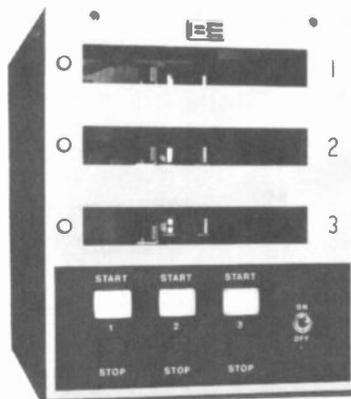
##### 2100PS Stereo

Mfg. list \$1,275.00.....CALL FOR BSW PRICE

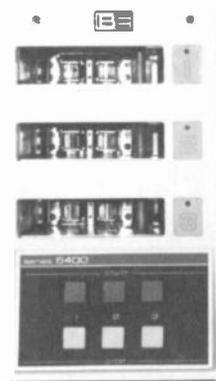


**Professional Quality  
Three Deck Machines...  
Thousands In Use**

**3 DECK  
FOR A&B  
SIZE CARTS**



**3 DECK  
FOR  
AA SIZE  
CARTRIDGES**



### Model 5300B

This top of the line professional three deck cartridge machine features all solid-state/integrated circuits, a direct-drive hysteresis synchronous motor, quiet air damped solenoid and one-half inch thick machined aluminum decks.

Every Model 5300B machine incorporates the Phase Lok IV head bracket with totally independent azimuth setting and top quality long life heads for superb response and performance.

Features unique to this multi-deck design are plug-in decks, all ribbon cable wiring and rear panel LED service aids. Run lights are adjacent to each deck.

#### 5301-B Mono Play

Mfg. list \$3,100.00.....CALL FOR BSW PRICE

#### 5303-B Stereo Play

Mfg. list \$3,600.00.....CALL FOR BSW PRICE



**COMPANION RECORD  
UNIT FOR 5300B  
OR 5400 SERIES**

### Model 5310

#### Recording Unit

The optional recording amplifier is available for recording on deck #3 independent of the other two decks. Thus, the 5400 can operate as three separate machines or as a record/playback deck and two playback only decks.

Each unit has the standard 1kHz cue tone. Secondary (8kHz) and tertiary (150 Hz) tones are available for the recorder as an option.

The standard recorder has two input circuits: a high level 50K ohm balanced transformer and a low level microphone input. The recorder amplifier has an automatic meter switching capability. During recording the meter indicates the record level and in playback the meter indicates the playback level on deck number 3.

#### 5310 Stereo W/QTRIP

Mfg. list \$1,350.00.....CALL FOR BSW PRICE

#### 5309 Mono W/QTRIP

Mfg. list \$1,150.00.....CALL FOR BSW PRICE

#### 5409 Mono W/QTRIP

Mfg. list \$1,200.00.....CALL FOR BSW PRICE

#### 5410 Stereo W/QTRIP

Mfg. list \$1,350.00.....CALL FOR BSW PRICE

### Model 5400

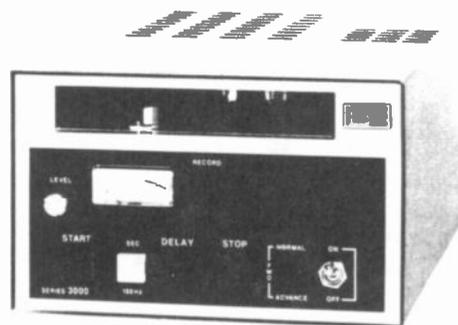
Clean sound can come only from fine equipment like Broadcast Electronics Model 5400. The superb electronics is designed for the purist. The clean sound is because of the low wow and flutter from the direct drive synchronous motor, the 52 dB stereo S/N, the Phase Lok IV head bracket for optimum stereo phasing and the solid 1/2 inch aluminum precision machined deck for stable cartridge positioning. The new Model 5400 Three-deck machine is a meld of ruggedness, reliability and outstanding performance. Inside this new three deck, construction follows the rugged mechanical design acclaimed by thousands of users of the field proven Model 5300B. Access to electronics and mechanical assemblies is superb. Plug-in decks and PC cards make maintenance and servicing a snap. Clean and practical design attention has produced the coolest running, best sounding, multideck cart tape equipment you can buy today. And, the trim line design permits three machines to be rack mounted side by side.

#### 5401 Mono Play

Mfg. list \$3,200.00.....CALL FOR BSW PRICE

#### 5403 Stereo Play

Mfg. list \$3,700.00.....CALL FOR BSW PRICE



### Delay Machines-Models 3200 RP/DL, 3300 RP/DL, 3400 RP/DL

In addition to providing normal playback and record functions, delay units allow the use of the machine whenever a delay might be required. From a six second delay (for live talk show editing) to a 30-minute network programming delay, these machines can handle any length delay required. The time span of the delay is determined by the length of the tape in the cartridge.

#### 3200 RP/DL Mono Delay

A & B size cartridges.....Mfg. list \$2,650.00

#### 3300 RP/DL Mono delay

A, B & C size cartridges.....Mfg. list \$2,700.00

#### 3400 RP/DL Mono Delay, Rack Mount

A, B & C size cartridges.....Mfg. list \$2,700.00

**CALL FOR BSW PRICE**



## Cartridge Machines

# AUDI-CORD



### S Series Record/Play

- Plug-in companion to any similar playback. Easily field exchanged to distribute transport wear if desired.
- All front access operator controls in pull-out drawer.
- Multi-function meter system with automatic switching from record to replay.
- Dual recorder equalization—HI and LO.
- Internal 3 tone response check facility.
- Bias and tone recording indicators.
- Compatible with all known automation encoders.

#### Mono S21 Record/Play

Mfg. list \$1,799.00.....CALL FOR BSW PRICE

#### Stereo S26 Record/Play

Mfg. list \$1,989.00.....CALL FOR BSW PRICE

#### Mono S11 Play Only

Mfg. list \$1,029.00.....CALL FOR BSW PRICE

#### Stereo S16 Play Only

Mfg. list \$1,119.00.....CALL FOR BSW PRICE



### E Series Record/Play

- High quality, modest price
- Audio switching meters
- Unique slide-out panel for control access
- Secondary, tertiary tones available

#### E20 Mono Record/Play

Mfg. list \$1,379.00.....CALL FOR BSW PRICE

#### E25 Stereo Record/Play

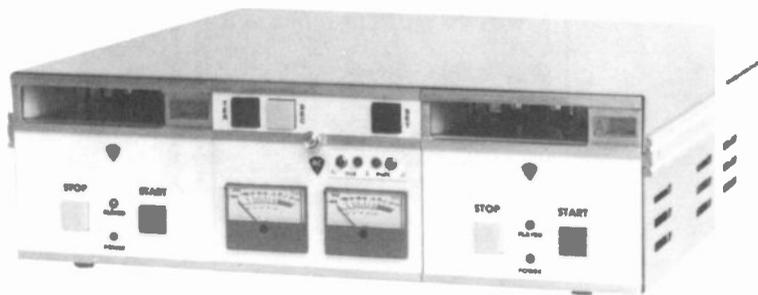
Mfg. list \$1,619.00.....CALL FOR BSW PRICE

#### E10 Mono Play Only

Mfg. list \$819.00.....CALL FOR BSW PRICE

#### E15 Stereo Play Only

Mfg. list \$889.00.....CALL FOR BSW PRICE



### Model E50

#### Twin Transport Record-Play

A great concept in record-play design. Most useful studio production machine ever produced.

- Regular Single Deck Recordings
- Dual Recordings
- Sound Over Sound
- Composites
- Copies (Dubs)

#### E50 Mono

Mfg. list \$2,219.00.....CALL FOR BSW PRICE

#### E55 Stereo

Mfg. list \$2,539.00.....CALL FOR BSW PRICE



### S Series Play Only

#### Twin Deck

- Extensively modular design with plug-in circuit cards thru-out.
- SEC, TER and PLAYED signal lights for each deck.
- Replay reminder system with full selectable use options.
- Selectable 600 or 150 ohm balanced transformer audio outputs.
- Full +20dBm clipping point audio amplifier system.
- Complete remote control facilities.
- Automatic motor shut down when both carts have played

#### TDS1 Mono

Mfg. list \$1,499.00.....CALL FOR BSW PRICE

#### TDS6 Stereo

Mfg. list \$1,679.00.....CALL FOR BSW PRICE

Optional rack mount shelf available



# OTARI



## *The Superb All New Cartridge System With The Quality & Versatility You Would Expect From Otari*

At last... from the company who manufactures the industry standard reel to reel, now introduces the cartridge machine that could be the next standard... The CTM series from Otari.

### Features:

- Mono/Stereo capability
- Separate record amplifier
- 3 speed select 3.75, 7.5, 15ips
- Easy access head alignment
- Real time counter
- Splice finder
- Tape jam detector
- Tone oscillator on record amp
- Dolby HX-Pro
- SMPTE time code controllable

The CTM Series consists of three models: Mono and Stereo

record/repro units as well as a mono/stereo repro-only unit. For flexibility, the record electronics of the CTM10 system are housed in a separate chassis and conversions between mono and stereo on the record/repro models can be made with a simple head assembly change.

All CTM transports feature long-life heads, brushless DC PLL servo capstan motors, precision milled alloy deckplates, active balanced inputs and outputs, and dynamic braking.

The tape speed of CTM transports may be user-converted to 15, 7.5 or 3.75ips by means of internal jumpers.

Included are sensors and indicators for cue tones, jammed tape, improperly inserted carts, varispeed, capstan servolock and azimuth alignment. Between these and the CTM-10's backlit function buttons, you always have visual feedback of the status of your cart.

Repeat-Play lockout, automatic splice finder and  $\pm 20\%$  varispeed complete the package to make the CTM-10 system the best value in broadcast cart machines today.

**Priced from  
\$2,700.00 - \$4,300.00**

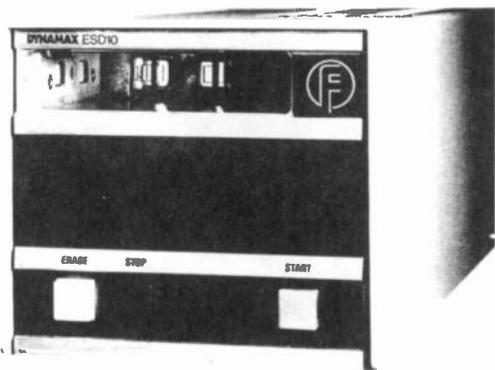
**CALL FOR  
BSW PRICE**



## Dynamax™

by Fidelipac

### THE DYNAMAX ESD10 ERASER/SPLICE DETECTOR



Model ESD10

**Reliable splice detection and deep cart eraser for flawless sound reproduction.**

#### Model ESD10

The DYNAMAX ESD10 will consistently—measurably—outperform any other eraser/splice locator on the market. It will, in fact provide erasures that are virtually as clean as those achieved by the best belt driven erasers.

DYNAMAX engineering staff simply does not believe that the erase function belongs in a cartridge machine. In fact, this configuration compromises both the erasure and machine performance.

#### Reliable, automatic splice detection.

When program material is recorded over a splice, a severe dropout can occur. Cue track material is also disrupted and that causes false cueing, and/or logging errors.

Splice location, therefore, is very important. But, it is also a time consuming operation when performed manually, an operation busy studios can ill-afford.

'Til now, even automatic splice detection machines have had drawbacks. They are often unreliable and require constant adjustment.

#### Sensitivity adjustments eliminated.

The DYNAMAX ESD10 uses a patented splice finder system—a system developed for the DYNAMAX CTR100 Series Recorders—and as a result, the ESD10 requires no sensitivity adjustments whatsoever.

The DYNAMAX ESD10 is, quite simply, the most reliable splice detector ever built. It is available in an attractive desk mount cabinet, or may be rack mounted, alone, or in combination with DYNAMAX cartridge machines.

Mfg. list \$1,050.00.....CALL FOR BSW PRICE



### CTR30 SERIES 3 DECK RECORDER/ REPRODUCER

#### Compare This 3 Deck With Any Other

- 2 Players & 1 Record Play In One Unit
  - Can Remove One or More Decks, All Others Operable
  - All Cue Tones Standard (150Hz, 8kHz, 1kHz)
  - Audio Switcher & Mixer Programmable & Standard
  - Specifications Same As CTR-10 (See page 33)
- Offers Far More And Costs Far Less

#### CTR33 Mono

Mfg. list \$3,975.00.....CALL FOR BSW PRICE

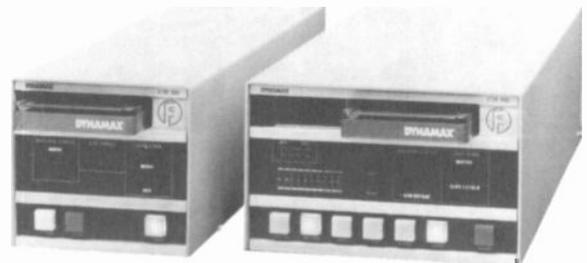
#### CTR34 Stereo

Mfg. list \$4,375.00.....CALL FOR BSW PRICE



# Dynamax™

by Fidelipac



## REVOLUTIONARY CARTRIDGE MACHINES

### CTR 10 Series

The Dynamax CTR 10 series of cartridge machines provide unsurpassed audio performance and today's most desired operational features. Compact design allows up to 3 recorders and/or players to be placed side by side in the available rack mount.

- Standard fast forward feature
- All three cue tones standard
- High speed cueing
- Secondary tone allows control of both fast forward & audio muting
- Selectable front panel metering for audio, phase and cue tones on recorders
- Geometrically correct azimuth adjustment, independent of height and zenith
- On board audio switcher & mixer
- Transformerless audio circuitry
- Played indicator with selectable restart disable
- Industry proven AC synchronous motor for reliable operation & ease of maintenance

Model	Description	Mfg. list
CTR11	A Size Mono Play	\$1,375.00
CTR12	A Size Stereo Play	\$1,525.00
CTR13	A Size Mono Rec/Play	\$2,270.00
CTR14	A Size Stereo Rec/Play	\$2,470.00

**CALL FOR BSW PRICE**



*Try Us  
We're As Close As  
Your Telephone  
Toll Free  
1-800-426-8434*

### CTR 100 Series

The industry's most prominent name in tape cartridges now manufactures the cart machine that could become the standard of the broadcast industry. It is a revolutionary machine, designed by a team of respected engineers.

The CTR 100 Series embodies unique features not available in any other machine on today's market.

- Front Panel Diagnostics
- DC Servo Drive Motor
- Fast Forward
- Secondary and Tertiary Cue tones
- Low Voltage Constant Current Solenoid
- Audio Switcher and Mixer
- Status Display
- Audio Transformerless Circuitry
- 150 Hz Control of Audio Gate
- Group Delay Compensation
- Crystal Controlled Reference for All Internal Functions
- Front Panel 1 kHz Add and Defeat
- Fully-switchable Metering with Automatic Changeover Function
- Two Speed *Played* Flashing Indicator
- Played Restart Disable
- Active Bias and Signal Mixing
- Constant Current Recording
- Bar Graph LED Level Indicators
- Improved Heads for Flat Low Frequency Response
- On-board Test Oscillator
- Splice Finder

Model	Description	Mfg. list
CTR111	A Size Mono Play	\$2,085.00
CTR112	A Size Stereo Play	\$2,265.00
CTR123	B Size Mono R/P	\$3,505.00
CTR124	B Size Stereo R/P	\$3,810.00

**CALL FOR BSW PRICE**



# Cassette Decks

## TASCAM

FOR PROFESSIONAL USE ONLY



### 122-B Studio Cassette Recorder/Reproducer

- 3 heads: erase-record-play
- 2 speed 1 7/8 - 1 3/4 ips.
- Front panel line inputs (unbalanced)
- Dolby HX-Headroom extension circuits and Dolby B
- +4 dbm balanced/ -10 dbv unbalanced inputs and outputs
- Optional dbx II interface
- Memory rewind and replay
- Adjustable bias and EQ select

Mfg. list \$849.00.....CALL FOR BSW PRICE



### Model 133B Stereo Plus Cue Cassette Recorder/Reproducer

The TASCAM Plus Stereo Cue Cassette Recorder/Reproducer with extensive auto present features.

- Two position cue select for compatibility with all analog or digital programming units
- +4 dBm Balanced/ -10 dBv Unbalanced Inputs and Outputs
- 2-Motor, Soft-Touch Logic Control Transport
- 2-Speeds: 1 7/8 and 3 3/4 ips
- Switchable Mic/Line Inputs
- Dolby Noise Reduction System
- Input and Output Level Controls for each Channel
- "Simul-Sync" Recording for Multitrack Recording Auto Present Features
- Cue Pulse/generates a 25 Hz tone on the cue channel, does not affect projector operations, but triggers the auto present
- Automatic shutoff or rewind at cue tone

Mfg. list \$1,249.00.....CALL FOR BSW PRICE

## Fostex

### MULTI-TRACKER 4 CHANNEL CASSETTE RECORDER



A mini-recording studio with maxi capabilities. A four track cassette recorder with built-in mixer.

### Model X15MKII

Truly portable, works on batteries; its own or your car's as well as AC. The Most Capability The Most Affordable

Mfg. list \$350.00.....CALL FOR BSW PRICE

## marantz



### PMD-430 Stereo Portable Cassette

- Dolby B noise reduction
- dbx noise reduction
- 3 Heads
- Pitch control
- Bias fine adjustment
- Auto shutoff
- Memory rewind
- Auto replay
- 3 Position mic attenuators (0-5-30db) limiter
- 3 Position tape selector (metal, CrO<sub>2</sub>), normal
- Illuminated VU meters
- 3 Digit tape counter
- 4 Way power supply
- Built-in speaker
- Headphones
- Output jack

Mfg. list \$549.95.....CALL FOR BSW PRICE



### PMD 221 Mono Portable Cassette Recorder Deluxe Portable Three-Head Two-Speed Cassette Recorder

- 3-Head Design
- Two-Speed 1 7/8 and 15/16 IPS
- Full Auto Shutoff
- 3-Way Power with Low Battery Indication
- Vu Level Indication
- Switchable Limiter
- 3 Position Mic Attenuation (0, 10,20,dB)
- Built-in Monitor Speaker
- 3-Digit Tape Counter
- Direct Telephone Connective Jack
- Telephone Pickup Jack Modular
- Line Input and Output Jacks
- External Speaker Jack
- Anti-Roll Transport
- Vari-Speed
- 3-Position Tape Selector (Normal, CrO<sub>2</sub>, Metal)
- Automatic or Manual Record Level
- Built-In Electret Condenser Microphone
- Cue and Review
- Volume and Tone Control
- 3-Position Automatic Noise Cancel Switch
- External Mic Jack
- Headphone Jack
- Memory Rewind and Replay

Mfg. list \$329.95.....CALL FOR BSW PRICE

PMD 201 (Same As Above Except 2 Head Design)  
Mfg. list \$279.95.....CALL FOR BSW PRICE

### Accessories

Carry Case Option Available-Rechargeable Battery Pack Available



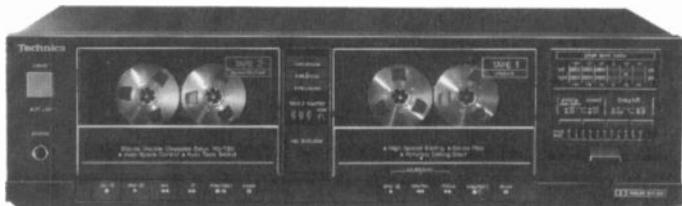
# Technics



**Model RS-B207  
dbx/Dolby B-C NR Stereo Cassette Deck**

Since it expands dynamic range to 110dB, dbx permits successful recording of all sources. Dolby B and C NR are included for compatibility. Soft-touch control provides convenient and flexible operation including cue and review and one-touch recording. Mechanical logic control allows direct mode switching from ff (or rew) to play. FL meters for accurate signal referencing. Slider-type input level and balance controls. MX head optimizes sound quality and reliability. Unattended recording and automatic playback are possible with connection of an optional timer unit. Wow & flutter: 0.08% WRMS. Frequency response: 20—16,000Hz (Metal). S/N ratio: 92dB (dbx in, CrO<sup>2</sup>).

Mfg. list \$190.00.....**CALL FOR BSW PRICE**



**Model RS-T20  
Stereo Double Cassette Deck**

If you're the kind of person who likes to edit cassettes, then a Technics double cassette deck is probably just what you're looking for. Why? Because Technics double cassette decks are specially designed to simplify the task of transferring music from one tape to another. And thanks to microprocessor control, tape editing is easy. A built-in computer chip allows for amazingly effort-free handling and operation. Backed by Technics commitment to quality and performance, the RS-T20 is the clear choice for all your tape editing needs.

\*\*\*Dolby\*\*\* and the double D symbol are trademarks of Dolby Laboratories Licensing Corporation

Mfg. list \$200.00.....**CALL FOR BSW PRICE**

# SONY



**TC-D5 PROII  
Portable Stereo Cassette Deck**

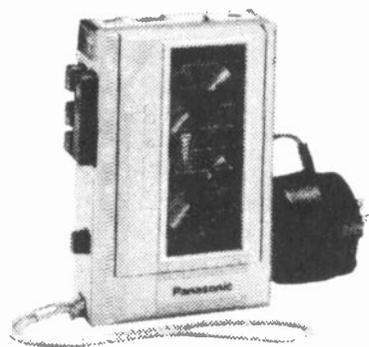
**A lightweight, full-feature stereo deck for professional sound recording in the field.**

Sony introduces a true breakthrough in portable recording—a lightweight, compact stereo recorder that delivers professional quality stereo sound in any field situation.

The TC-D5 PROII is ideally suited to a wide range of professional audio applications. With twin VU meters and LED peak level indicator, you're assured of accurate sound recording without distortion. And built-in monitor speaker and earphone jack let you check your recording results immediately.

Mfg. list \$790.00.....**CALL FOR BSW PRICE**

# Panasonic



**Model RQ-350**

- Mini Monaural Cassette Recorder • AC/Battery Operation with Included AC Adaptor • Digital Tape Counter • Full Auto Stop • One Touch Recording • High/Low Mic Sensitivity • Lockable Pause • Cue and Review • Edit Function • LED Indicator • Easy-Matic Recording • Built-In Condenser Mic • Carry Strap Included • DC-In. Mic. Remote, Monitor Jacks.

**BSW PRICE.....\$37.95**

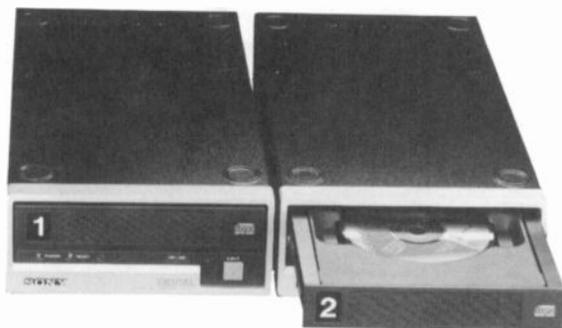


## Compact Disc Players

# SONY

CDP-3000

CDP-3000



**PROFESSIONAL  
COMPACT DISC  
PLAYER SYSTEM  
SERIES  
3000**



**Model CDS-3000**

### Series 3000

The CDP-3000/CDS-3000 is a modular professional compact disc player system. Compact size? You've got it. Instant access and programmed play? They are yours, with the extra convenience of controlling two CDP-3000 players with one CDS-3000 control unit. How about reliability? Day in and day out under the most demanding situations the system will perform perfectly. Now then, budget? No worry. The system is exceptionally cost-effective despite its high performance. Because Sony doesn't just keep up with technology; it is always a step ahead. Whether you are a radio station or a production house considering the introduction of compact disc digital audio, your requirements will be perfectly met in the new Sony CDP-3000/CDS-3000 system.

Your production department can now perform tight edits and start the selection with audible cueing... A great feature that most consumer machines simply cannot do.

In the control room, air talent can segue between two discs automatically, as well as seeing remaining time of selection on the air.

The advantages of the Sony 3000 series system go on and on and we would like to talk to you about them. Call us toll free for all the details, 1-800-426-8434.

### Series 3000 System

Mfg. list \$5,400.00.....CALL FOR BSW PRICE

(Units may be purchased individually.)

# Technics

## *The All New*



## COMPACT DISC PLAYER

### SL-P1200

- High resolution digital filter
- Double isolated anti resonant cabinets
- Search dial cueing - precision pitch control

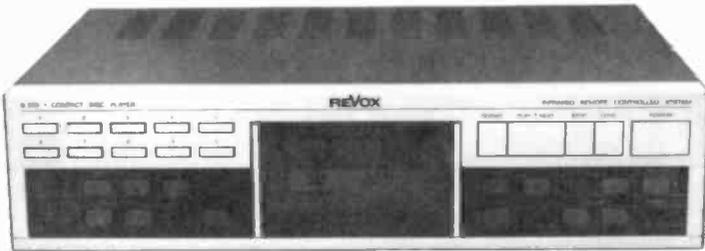
Technics developed the SL-P1200 to serve as a reference CD player for broadcast and other situations where the highest possible sound quality is demanded. To this end, Technics has put its most advanced technology into this unit, including such innovations as the FF1 laser pickup, High Resolution Digital Filter, and Class AA circuitry. Experienced listeners will notice the difference in sound quality. Though the actual command processing is of course digital, Technics has created an analog-like user interface that professionals will appreciate. Derived from the Technics SL-P50P professional CD player, this uniquely styled "front end," promotes comfortable operation with positive response. Constructed with a view toward thorough vibration damping and isolation, the SL-P1200 withstands high sound pressure levels and structure born vibrations encountered in all professional environments.

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Nobody  
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**REVOX B-225**  
COMPACT DISC PLAYER



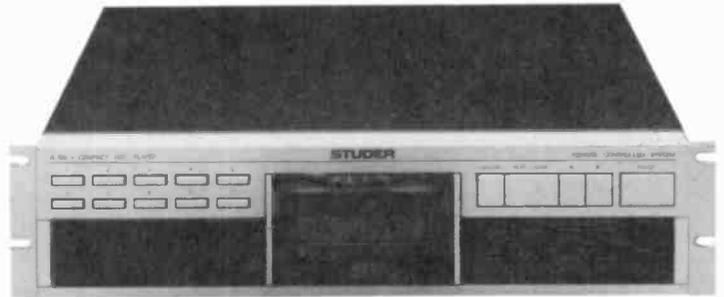
**A New Listening Experience**

**A FULL RANGE OF FEATURES.**

Almost every conceivable feature has been realised by REVOX: professional programming capacity with 19 program steps, extremely short cueing times, calibration tone for adjustment of system levels, adjustable headphones output and two audio outputs. The "oversampling" technique developed in Europe, eliminates distortion of frequencies above half of the sampling rate without affecting phase relationship and guaranteeing highest sound resolution.

Mfg. list \$849.00.....**CALL FOR BSW PRICE**

**STUDER A-725**

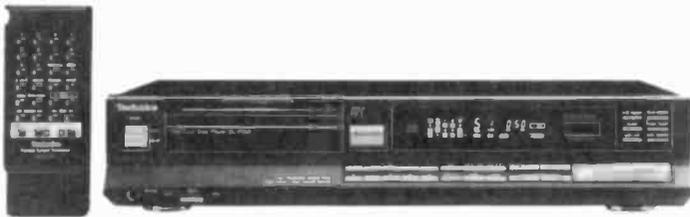


**PROFESSIONAL COMPACT DISC PLAYER**

The ultimate CD player and professional quality for professional requirements. Features special software for controlling accurate cue functions. The access times and start times, and starting accuracy satisfy professional requirements. Cueing and starting is performed with a minimum of key strokes. The A-725 offers the highest audio quality and operates according to the oversampling principle 176.4 KHz and uses a combination of digital and analog filters for ultimate sound quality. Balanced audio outputs.

Mfg. list \$1,835.00.....**CALL FOR BSW PRICE**

**Technics**



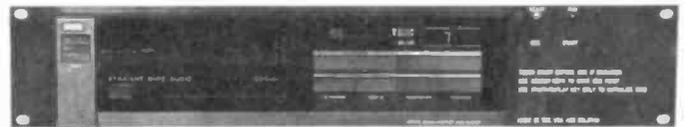
**Model SL-P500 CD Player**  
CD Player

SL-P500 CD player has a fine-focus, single-beam laser pick-up with an original digital Accu-servo system which improves the playability of many compact disks and helps to achieve a 102dB signal-to-noise ratio and 0.0012% harmonic distortion. It features high-performance design for superb sound quality, 20-step random access programming with 10 numeric keys, 27-key wireless remote control featuring digital volume control and 8-digit centralized multi-function display.

Mfg. list \$500.00.....**CALL FOR BSW PRICE**



**STRAIGHT WIRE AUDIO**



**CDQue**

**The only professional compact disc player with a broadcast-friendly cueing system.**

**C D Player**

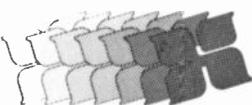
Straight Wire Audio presents the "CDQue"—a professional compact disc player with a unique broadcaster-friendly one button cueing system. Dual D to A converters, phase perfect digital filtering, four times oversampling (176kHz sample rate). The high current balanced outputs can drive over 1000 ft. of twisted pair (enough to power speakers!). Optoisolated remote controls and indicators. This deck features the renowned Phillips transport with Straight Wire Audio's uncompromised state-of-the-art electronics.

Mfg. list \$895.00.....**CALL FOR BSW PRICE**

*Tired Of Back Orders?  
Try BSW's Million Dollar  
In-House Inventory*





  
**Harrison**



## AIR-7

### *When Only The Very Highest Quality Counts*

The Harrison AIR-7 sound mixing consoles are designed to fulfill the requirements of today's complex broadcast industry. The elegant simplicity, and proven reliability recommend it for multiple applications in the radio, broadcast and production industries. The AIR-7 is modular in construction and available with two flexible signal flow configurations. Each configuration is available in a variety of mainframe sizes and physical presentations. The proven long term dependability of Harrison high performance technology is flexible, simple to operate, and make it an obvious choice for the modern broadcast facility.

#### **MORE STANDARD FEATURES!**

- Clock and Timer
- Cue Speaker
- 12 VU Meters
- 2 Stereo, 2 Mono Outputs
- Blank Panels included in price
- Easier to configure and re-configure. Any module may be interchanged.
- Muting and input levels jumper selectable
- VCA level control
- Modules can be remote controlled

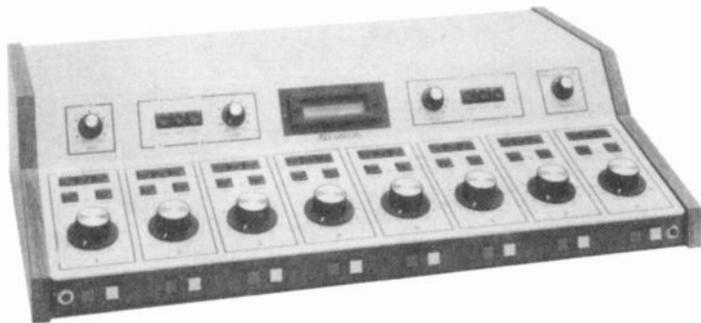
**Quality parts, construction techniques, and conservative efficient design recommend the AIR-7 for purchase, economy, and long trouble free life.**

You owe it to yourself and to your facility to compare Harrison with anything currently on the market...Dollar for Dollar Harrison is the hands down winner...Call us today for complete technical brochures and pricing information. Toll free 1-800-426-8434.



# LPB

## ALPHA CONSOLE



During the past two decades LPB has designed over a dozen different broadcast audio consoles and has delivered over two thousand of them to an impressive list of repeat customers.

The Alpha 8-mixer stereo console draws upon this wealth of experience. Alpha provides a new level of performance and simplicity at a budget price. Extensive human factors engineering...the operator/console interface...has been applied to the controls and their locations. Alpha is another example of the understated excellence which LPB console users have come to know so well!

**Features:**

- Mic or line level on each channel
- Active balanced
- DC control
- Stereo with mono mixdown
- 8 watt monitor amp

**A6S - 6 Channel Stereo**

Mfg. list \$2,795.00.....CALL FOR BSW PRICE

**A8S - 8 Channel Stereo**

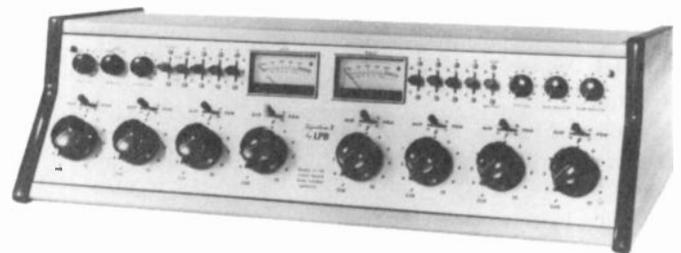
Mfg. list \$3,795.00.....CALL FOR BSW PRICE

**A10S - 10 Channel Stereo**

Mfg. list \$4,795.00.....CALL FOR BSW PRICE

# LPB

## SIGNATURE SERIES THE WORKHORSE LONG TIME FAVORITE



**Model S-20  
10 Channel Dual Stereo**

- 30 inputs
- Step attenuators
- LED peak indicators
- Pre-wired for simulcast option

**The dependable console. Takes abuse and keeps on playing along. The versatility and dependability that keeps cost down.**

**Model S-20**

Mfg. list \$5,595.00.....CALL FOR BSW PRICE

**Model S-12 5 Channel Stereo**

Mfg. list \$3,495.00.....CALL FOR BSW PRICE

**Model S-13-C 8 Channel Stereo/Mono**

Mfg. list \$4,695.00.....CALL FOR BSW PRICE

# ATI



**Model BC8DS  
Dual Stereo Console**

**Features**

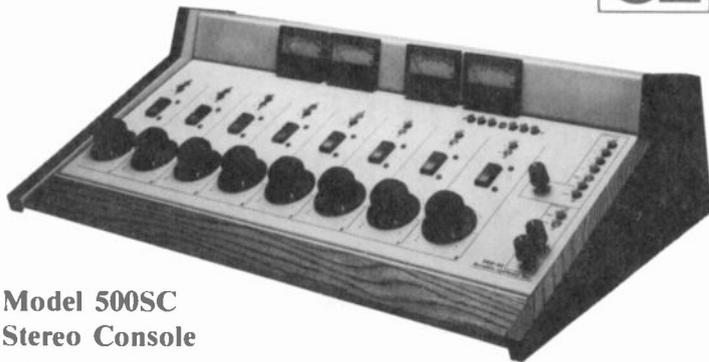
- Eight mixers, Rotary or Linear Faders.
- Dual Stereo plus Dual Mono program outputs.
- 12 Stereo inputs to 8 mixers plus optional 5 by 2 expander.
- Hi-Level instrumentation amplifiers accept -20, -10 or +4dBm inputs with excellent hum and RF rejection.

- Two mono microphone preamps with internal PAN pots standard. Low noise instrumentation amplifiers with DC servo stabilization. Additional preamps optional.
- Programmable muting for every input.
- Two switched analog VU meters standard. Optional four channel, two color vacuum fluorescent bar graphs.
- Three input monitor selector provides muted outputs for external optional power amplifiers.
- Three input headphone selector and amplifier.
- Built in cue amplifier and speaker.
- Membrane switch locations are raised by embossing to allow easy touch location in the dark. Stainless steel domes above each switch provide silent tactile feedback. Five color graphics are protected by a seamless, rugged polycarbonate overlay. LEDs indicate all operations.
- All faders and level controls drive DC operated VCAs. AB type J pots and smooth acting linear faders.
- Modular audio package of horizontal mother-daughter boards. Gold to gold AMP connectors. Three layer RF shielding.
- External unregulated power module isolates power line disturbances and blocks conducted RF. Power supply status indicators.

Mfg. list \$2,995.00.....CALL FOR BSW PRICE



# Consoles



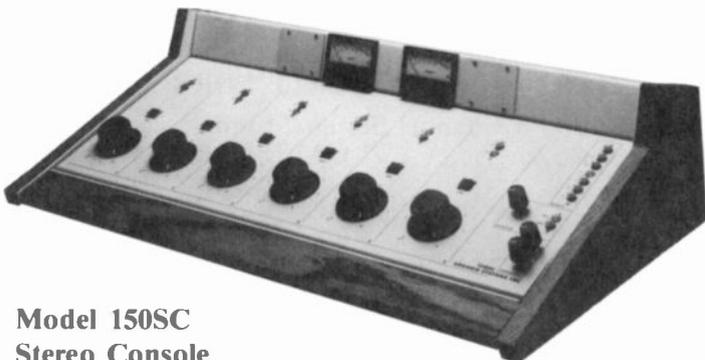
### Model 500SC Stereo Console

- 8 channels
- 25 balanced inputs total
- Balanced program and audition outputs with mono mix down
- VCA level controls - stereo tracking to within 1dB
- DC controlled audio - no audio on pots or switches
- NE5532 integrated circuits
- External regulated power supply

The 500SC is a rugged and versatile console designed for 'ON THE AIR', production or portable broadcast applications. Plug in construction enables the engineer to replace defective PC boards quickly and easily. DC control means there is no audio on any of the pots or switches. This dramatically improves pot and switch life. All switching functions are silent and extremely reliable.

### Model 500SC8S Stereo

Mfg. list \$2,999.00.....CALL FOR BSW PRICE



### Model 150SC Stereo Console

The 150SC is specifically engineered to provide levels of durability, features, and performance previously unavailable in consoles in this price range. The 150SC is ideally suited for small ON AIR, production or newsroom studios.

The 150SC has 6 channels which each have 2 inputs. The A input can be either mic or line level. A 7 input remote select switch completes the total inputs. A lighted latching switch above the rotary fader is the channel ON/OFF switch. A two position interlocked switch above the ON/OFF switch performs the input selection. Monitor, earphone and cue controls are on the right side of the console. The monitor amp is 10 watts per channel and is selectable between an external input and Program. The earphone amp is 2 watts and automatically selects between the monitor switch and cue. The cue amp is 2 watts and selected by a detent on the individual rotary fader. All three amps have individual level controls on the front panel. A built in muting relay (3PDT) is provided for on air lights, telephone, muting, and logging recorders. The 150SC is logically laid out for fast and efficient operation.

### Model 150SC6S Stereo

Mfg. list \$1,995.00.....CALL FOR BSW PRICE



### Model 2000SC Stereo Console

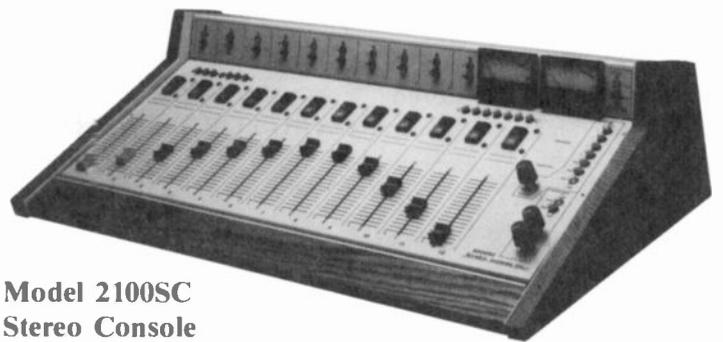
#### Features

- 12 channels
- 24 balanced inputs total
- Penny and giles slide faders
- VCA level controls - stereo tracking within 1dB
- DC controlled audio - no audio on pots or switches
- Remote start standard
- Telephone mix minus buss standard

The 2000SC is designed for ease of operation, uncompromising performance, and maximum durability. Each of the 12 channels features a single input per channel. Two remote select switches bring in an additional 14 inputs. Cue is accomplished by a detent on the slide fader while lighted momentary switches actuate the Program and Audition busses. VU meters monitor both the Program and Audition busses simultaneously. What console can be simpler to operate. Remote start is actuated by the Program and Audition switches.

### Model 2000SC12S Stereo

Mfg. list \$4,695.00.....CALL FOR BSW PRICE



### Model 2100SC Stereo Console

Has all the features of the 2000SC shown above: but gives you 34 balanced inputs.

### Model 2100SC12S

Mfg. list \$5,695.00.....CALL FOR BSW PRICE



*Low Overhead  
From One Location  
Means  
Lower Prices*

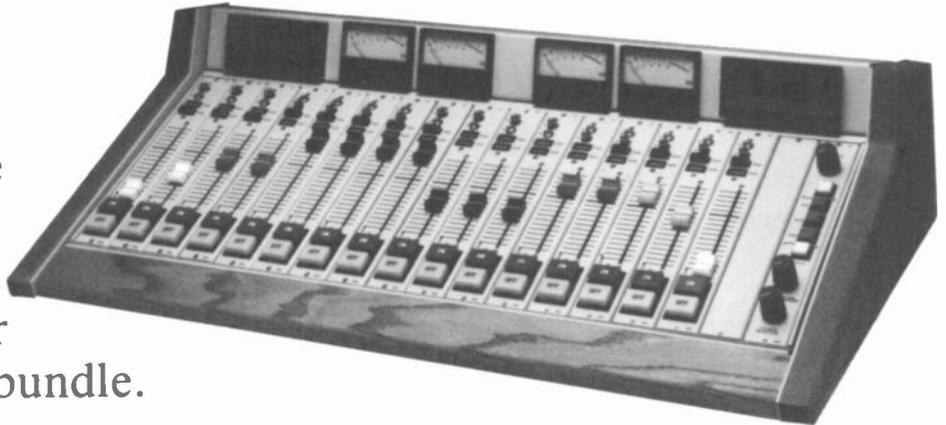
**Call BSW 1-800-426-8434**



# BUY ARRAKIS AND SAVE

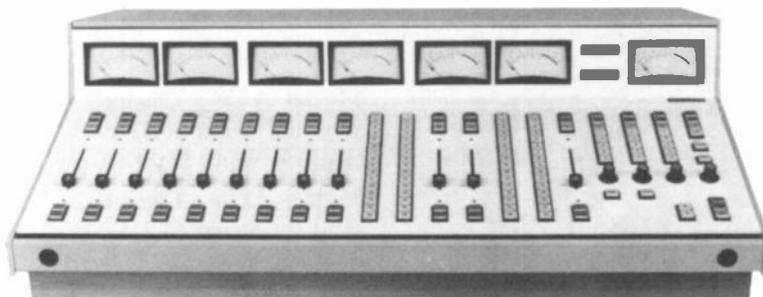
## The All New 5000 Series Modular Console

You can spend much more for this kind of quality & versatility or you can buy an Arrakis 5000 system for **under \$10,000** and save a bundle. **CALL FOR BSW PRICE**



- 16 channel mainframe
- Control room and studio monitor modules
- Clock and timer standard
- Program, audition & mono mix outputs
- Processing/EQ modules (optional)
- Telephone mix-minus

## AUTOGRAM



**Microgram® from Autogram - The most sophisticated technologically advanced broadcast console in the world!**

Autogram's Microgram microprocessor controlled audio console is a powerful addition for any broadcast control room. It's built to handle board functions with ease while signalling and mixing numerous prescheduled events simultaneously. The Microgram console can handle three stereo audio busses simultaneously; or run two completely separated automation systems on AM and FM, and still leave a bus open for production; or allow one bus to call another bus for simulcasting and other special situations. In fact, the Microgram console can perform just about any control room function you want it to: from handling your daily schedules; to joining and leaving local or network programming; to turning on or off a coffee pot and station lights.

### Computer Interface

With the addition of a computer, you can run any two of the three stereo busses fully automated and independent of each other, allowing the remaining pots to be used for production.

Autogram's Multimation Division can supply custom software for broadcasters using satellite programming or other custom applications.

The Microgram console comes with more than 2,000 steps of internal memory that can be pre-programmed in eight blocks. Each block consists of 256 steps; thus you can pre-program repetitive blocks that are used hourly or daily.

**Prices Are Based On Configuration But  
Are Much Less Than You Would Expect...  
Call Toll Free 1-800-426-8434 For The Exciting Details!**

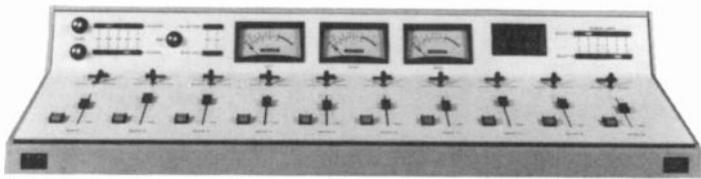


## Consoles

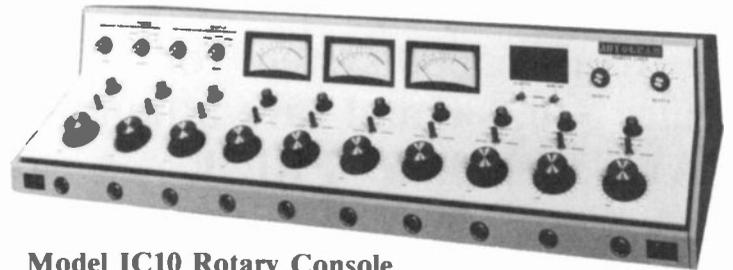
# AUTOCGRAM

*Consoles come and Consoles go.....except Autogram. They have long been established in the broadcast industry as "the" console to own. Why their success? Simple... Autogram consoles are very reliable, easy to install and maintain, but most importantly they are "bullet proof".*

*The purchase price of a console is quickly forgotten, but the quality and craftsmanship last forever, So, invest in quality.....invest in Autogram.....*



**Model LC10 Linear Console**



**Model IC10 Rotary Console**

**Frequency Response:**

Program/audition,  $\pm 1$  dB 30 to 15 kHz  
Monitor,  $\pm 1.5$  dB 30 to 15 kHz

**Distortion:**

Program/audition, less than 0.5% THB  
Monitors, less than 1.5% THD

**Noise:**

Program/audition, -120 dBm  
Monitor, -110 dBm

**Outputs (Depends on modules used)**

- 1 Stereo program
- 1 Stereo audition
- 1 Monophonic program
- 2 Monitor amplifiers
- 2 Headphone amplifiers
- 1 Cue amplifier

**Model LC10 10 Channels Linear**

Mfg. list Stereo \$9,175.00.....CALL FOR BSW PRICE

Mfg. list Mono \$8,348.00.....CALL FOR BSW PRICE

**Model IC10 10 Channels Rotary**

Mfg. list Stereo \$8,786.00.....CALL FOR BSW PRICE

Mfg. list Mono \$7,959.00.....CALL FOR BSW PRICE

**Model AC8 8 Channels**

Mfg. list Stereo \$6,533.00.....CALL FOR BSW PRICE

Mfg. list Mono \$5,790.00.....CALL FOR BSW PRICE

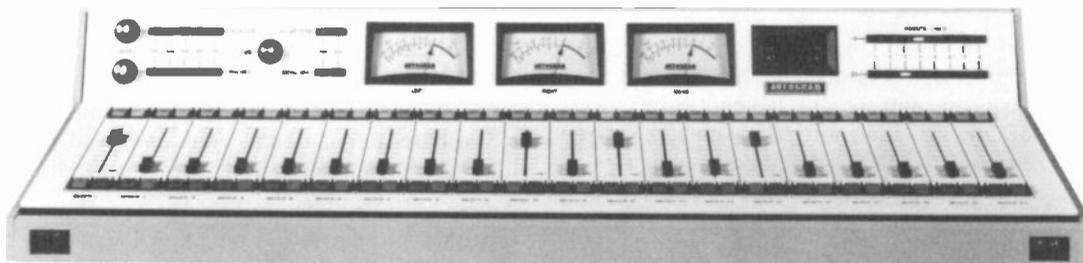
**Model AC6 6 Channels**

Mfg. list Stereo \$5,216.00.....CALL FOR BSW PRICE

Mfg. list Mono \$4,577.00.....CALL FOR BSW PRICE

*So Much...For So Little...*

Stereo  
TV



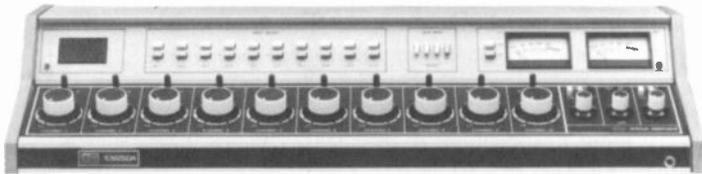
Stereo  
Radio

**Model R/TV-20 Stereo Console**

- 20 channels
- Up to 42 inputs
- VCA level control
- Electronic Switching
- Each Channel remote controllable

**Less  
Than  
\$12,000.00**

- No audio transformers
- Optional interface card for logging to printer, plus interfacing to live assist or computer
- Penny & Giles faders



**Model 10S250A**

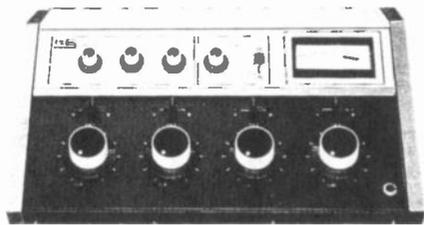
The Model 10S250A Stereo Console accommodates 20 inputs into 10 mixing channels. It features ladder-step attenuators, modular plug-in electronics, contact-free bus selection, telephone-type channel key switches, four line-level outputs and talkback capacity. Mono mix-down option available as a plug in module. Durable front panel graphics are designed for years of service.

**Model 10S250A Stereo**

Mfg. list \$5,895.00.....CALL FOR BSW PRICE

**Model 10M250A Mono**

Mfg. list \$4,795.00.....CALL FOR BSW PRICE



**Model 4S50A 4 Mixer Stereo**

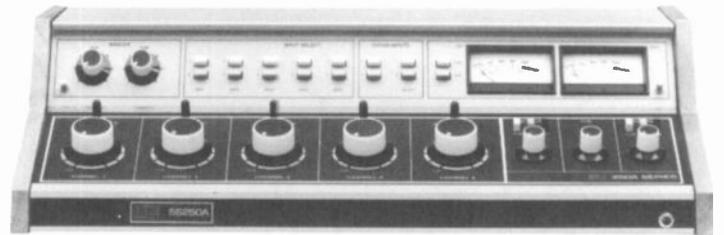
Features high/low input sensitivity selection, cue switches on all faders and individual monitor, cue and headphone amplifiers. Allows preselection of eight input sources with intermix and level control of four of these simultaneously. Ideal for stereo production or on-air use.

**Model 4S50A**

Mfg. list \$2,095.00.....CALL FOR BSW PRICE

**Model 4M50A 4 Mixer Mono**

Mfg. list \$1,095.00.....CALL FOR BSW PRICE



**Deluxe 250A Series Rotary Mixer Consoles**

Featuring ladder-type maintainable step attenuators with cue bus switching, telephone-type channel keys and contact-free FET bus selection. Separate monitor, headphone and cue channels. Field proven modular plug-in electronics. Two pushbutton preselection and microphone/high level capability for each mixing channel. Stereo models include mono/stereo mode switching. Front panel graphics are under a laminated polycarbonate overlay for maximum durability.

**Model 5M250A Deluxe 5-Mixer Dual Channel Mono**

Mfg. list \$2,795.00.....CALL FOR BSW PRICE

**Model 5S250A Deluxe 5-Mixer Stereo**

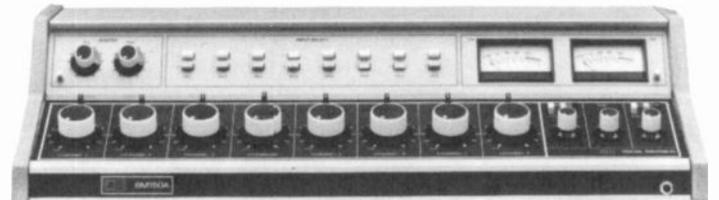
Mfg. list \$3,650.00.....CALL FOR BSW PRICE

**Model 8M250A Deluxe 8-Mixer Dual Channel Mono**

Mfg. list \$3,695.00.....CALL FOR BSW PRICE

**Model 8S250A Deluxe 8-Mixer Stereo**

Mfg. list \$4,750.00.....CALL FOR BSW PRICE



**150A Series**

Mixing controls are of sealed potentiometer, high reliability, long-life design, each equipped with cue bus switches. The 150A Series features contact-free FET bus selection and plug-in modular electronics. Each mixing channel accommodates two pushbutton-selected inputs, and may be preset for either microphone or high level service. Stereo models include mono/stereo mode switching. Headphone and cue amplifiers insure full-monitoring capability. Front panel graphics are under a laminated polycarbonate overlay for maximum durability.

**Model 5M150A 5-Mixer Dual Channel Mono**

Mfg. list \$2,395.00.....CALL FOR BSW PRICE

**Model 5S150A 5-Mixer Stereo**

Mfg. list \$2,950.00.....CALL FOR BSW PRICE

**Model 8M150A 8-Mixer Dual Channel Mono**

Mfg. list \$2,895.00.....CALL FOR BSW PRICE

**Model 8S150A 8-Mixer Stereo**

Mfg. list \$3,650.00.....CALL FOR BSW PRICE

**Model 10M150A 10-Mixer Dual Channel Mono**

Mfg. list \$4,295.00.....CALL FOR BSW PRICE

**Model 10S150A 10-Mixer Stereo**

Mfg. list \$5,250.00.....CALL FOR BSW PRICE

LOOK PROFESSIONAL

LOOK SHARP!

CONSOLE LABELS

296 LABELS PER SHEET

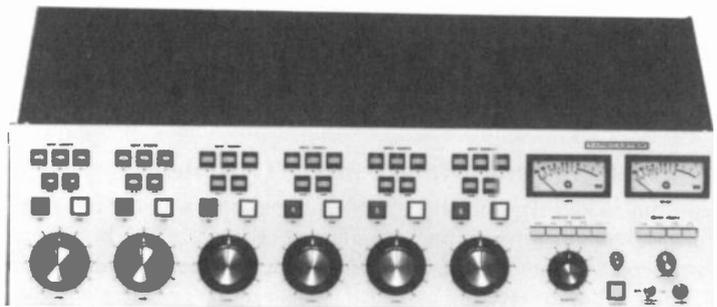
BSW PRICE \$15.95



## Consoles

# STATIONMASTER

By Auditronics, Inc.



**Model 1008  
Dual Stereo Console**

**CALL FOR BSW PRICE**

**NUMARK  
Mobile DJ System**



**Model MDJS17B**

Here it is...the most complete mobil DJ system...The Numark MDJS17B includes everything you need...Turntables, amplifier, equalizer, console, microphone, speakers, all housed in road proof cases...Several options and systems available...Call toll free for details...1-800-426-8434.

Mfg. list \$4,799.95.....**CALL FOR BSW PRICE**

- Any input may be stereo or mono
- Mono inputs may be field upgraded to stereo
- Mono inputs may be line or mic source
- All input switching is D.C. logic controlled
- Three source selections for each input
- Each input has machine control logic which follows source selection
- Advanced ergonomic design
- Built-in talk back intercommunication to studio
- No internal transformers
- Plus 24dBm output
- 6, 8, 12 and 16 input mainframes
- Plug-in circuit board technology
- All input levels VCA controlled
- Two Stereo plus two mono outputs



## BROADCAST CONSOLES

The UREI Broadcast Consoles are a fresh answer to the operational requirements of the broadcaster of the 1980's—a top-quality, reliable, flexible and affordable line of on-the-air boards which will provide outstanding service for many years.

Available in 5, 8 or 12 channel configurations with three choices of pots.

Lighted remote start buttons are on each channel. built-in monitor, headphone and cue amplifiers. Specs are fantastic and have better than a 90db signal to noise ratio. Call us to get all the facts on the competitively priced UREI consoles.



**CALL FOR BSW PRICE**



# RAMSA

## PRODUCTION/RECORDING CONSOLES



### WR-8210A

#### Compact-Size Versatile Performance

##### Recording Console

The Ramsa WR-8210A is a compact, versatile 10 × 4 mixing console designed for multi-track recording. Although it is designed for compactness, it meets the requirements of a wide variety of recording applications.

The WR-8210A is a human-engineered product, incorporating the latest circuit technology. This concept includes access jacks on all inputs and group outputs, a modular approach to internal circuit boards, a built-in sub in tape monitor section, and low-noise, electronically balanced mic inputs.

The WR-8210A provides a level of performance and flexibility usually found only in more expensive mixers. In large studio consoles, one of the most important considerations is to minimize repatching. This same design philosophy is evident in the WR-8210A. It offers direct outs and access points on each input, as well as dual outputs on Groups 1 and 2, for connection of a multi-channel tape deck and a mix down recorder.

Mfg. list \$2,160.00.....CALL FOR BSW PRICE



### WR-8616

#### HIGHLY FLEXIBLE MODULAR MIXING CONSOLE FOR POST-PRODUCTION-RECORDING & BROADCAST APPLICATIONS

##### Production Console

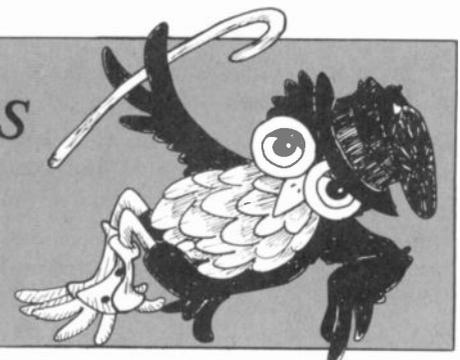
The WR-8616, a mixer specifically designed for recording and broadcast applications, employs a versatile mainframe that can accommodate a variety of modules to meet the user's specific need. Such a design approach facilitates interfacing with a variety of equipment, such as tape cartridge machines, 2 to 16 track tape machines, turntables, or up to 16 microphones.

The WR-8616 offers a choice of two input modules, a mono mic/line module (WU-8101) and a stereo line module (WU-8106). Depending upon which modules are used, the WR-8616 can accommodate up to 16 MIC IN signals, or 32 LINE IN signals, or a combination thereof. For example, 12 mono modules and 4 stereo modules would have the capability of 12 MIC IN signals and 20 LINE signals.

Available with remote start switches and equalization, the WR-8616 is one of the most versatile consoles available in its price range. Call us for detailed pricing and specifications toll free, 1-800-426-8434.

**CALL FOR BSW PRICE**  
Price based upon configuration

*We Are Ready For Business  
When You Are...  
12 Hours Daily*





## Consoles

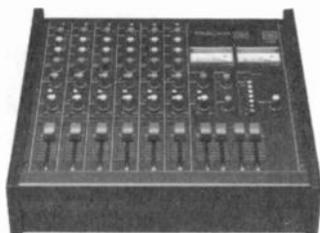
# TASCAM

FOR PROFESSIONAL USE ONLY

### Model M-106

#### Production Console

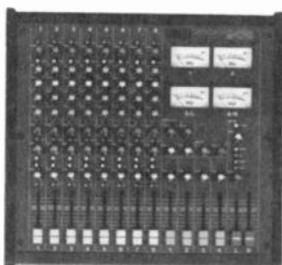
- 6 input channels with selectable inputs, provide:
- 6 MIC IN
- 6 LINE IN
- 4 RIAA PHONO IN
- 4 PGM busses
- AUX buss with master level control
- EFFECT buss with master level control
- Rack Mount Kit Available



Mfg. list \$599.00.....CALL FOR BSW PRICE

## STUDIO 8

COMPLETE STUDIO  
THE WORKS  
ONE NEAT LITTLE PACKAGE



### Model M-208 Production Console

- 8 Mic Line Selectable Inputs
- 4 Buss
- 2 Aux
- Stereo Buss
- EQ 3 Band Sweep



- All Channels Selectable Mic/Line or Tape Input
- All Channels Balanced Mic Inputs
- 2 Program Outputs For Buss

Mfg. list \$1,095.00.....CALL FOR BSW PRICE

## TASCAM'S 500 Series



### Model M-512

#### Production Console

The Series 500 console is designed for production professionals. Built to accommodate either +4 dBm or -20 dBV nominal levels in and out.

The M-512 has 12 input channels, 8 track monitor section, and power supply built into the mainframe. The M-520 (not shown) has 20 inputs, 16 monitor section, and outboard power supply.

With features galore, the 500 Series consoles lend themselves to radio and television production, recording studios, and editing rooms. (Stand shown extra).

Mfg. list \$4,395.00.....CALL FOR BSW PRICE

### Studio 8

The TASCAM 388 "STUDIO 8" is an extremely versatile tool for creative people in a variety of fields; musicians, arrangers, composers and film/video post production people. The 388 is a complete recording system incorporating a full-function 8-in/8-buss mixer and a full servo controlled 8-track reel-to-reel recorder.

The mixer section includes 8 input channels, 8 PGM output busses, L/R stereo busses, Aux buss, Effect buss, 2 Effect return systems and Monitor section. Each input channel offers; wide range XLR balanced input, 1/4" line input, Access send/receive, 3-band parametric EQs, etc.

The recorder section was adapted for compact 1/4" tape, 7" reel, 8-track format. Features include; Real time counter, SMPTE compatibility, locator functions, built-in dbx with on/off (1-4 & 5-8), and ch. 8 defeat switches, and TAPE LOAD mode. The servo system and rec/play amps can be aligned and adjusted easily from the top.

Mfg. list \$4,495.00

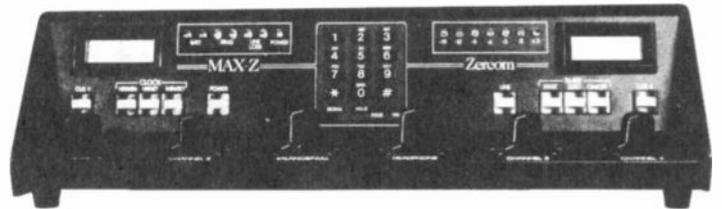
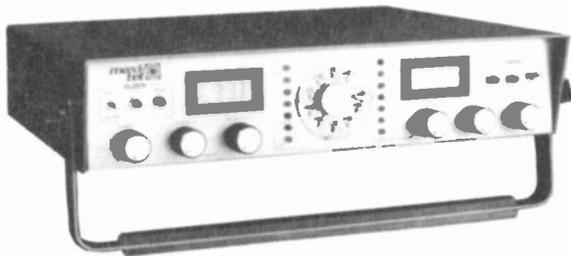
# CALL FOR BSW SPECIAL PRICE



# MAXI-TEL

Zercom 

# MAX-Z



## For The Best Remote Broadcast

### Exclusive Features:

- Human Engineering Designed System, only the controls you need while broadcasting are in front of you - no more cluttered control console.

### Indicators Include:

- LCD Clock and Timer.
- Pulsed line loss indicator.
- Pulsed visual/aural ring system.
- Automatic pulsed low battery indicator. (Warns you when 3 hours of battery life remains.)
- Ladder logarithmic VU indicator, from -15 to +3 dbm, 7 step.
- 4 mike/line channels with no switching required. (Will accept cart or cassette tape inputs.)
- Failsafe power circuit prevents batteries from being drained unintentionally. (System automatically merges to batteries when 120 volt power fails.)
- Long telephone line equalization selector. (Boost low and high frequencies to maintain proper spectral/balance and intelligibility.)
- Switchable ultra sharp notch filter, tuned to 2.6 KHz. (To prevent spurious crowd noise from disconnecting phone line.)

Mfg. list \$825.00.....CALL FOR BSW PRICE

# MICRO-TRAK



## The Sport IV Remote Console

A professional-quality self-contained portable sports console featuring three headphone outputs for announcer and spotter, auxiliary input for commercials, talk-back capability for set-up and a telephone dial option. AC and battery power supplies are built-in, with automatic switchover in case of power loss. Attractively packaged in self-contained carrying case.

### Sport IV With 4 mic Inputs

Mfg. list \$729.50.....CALL FOR BSW PRICE

## WORLD CLASS REMOTE

MAX-Z is a remote broadcast console that provides MAXimum flexibility, utility, and above all, audio quality.

When it comes to convenience features that help make a remote broadcast run smoothly and sound professional the MAX-Z has no equal.

A short list of standard features includes... carrying case, built in rechargeable batteries and charger, clock, stopwatch/timer, V.U. meter, WIDE RANGE AUDIO INPUTS (will match almost anything), cue channel, phone line alarms, memory dialing (tone or pulse), etc.

Mfg. list \$1,095.00.....CALL FOR BSW PRICE

**TELPAX**  
COMMUNICATIONS



## Model TFX-131B Remote Console

- Push button dialing with memory redial
- LCD clock stopwatch/timer
- 4 mic inputs-2 aux. inputs
- Tone oscillators
- Closed circuit spotter channel
- Built-in carrying handle
- Superior audio quality

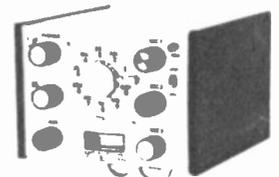
Mfg. list \$795.00.....CALL FOR BSW PRICE

## Model TFX-31C Telephone Remote Console

A "feature-packed" miniature self-contained telephone remote unit with everything needed for sports and news broadcasts.

- Built-in telephone dial, line amplifier, buzzer and light for in coming calls. No phone company equipment needed.
- Three microphone inputs, plus an auxiliary input for a cassette recorder. Each input has its own pot. An auxiliary output jack is also provided for feeding a recorder or PA system.
- Built-in headphone amplifier with two output jacks for headphones. Monitors phone line at all times.

Mfg. list \$595.00.....CALL FOR BSW PRICE

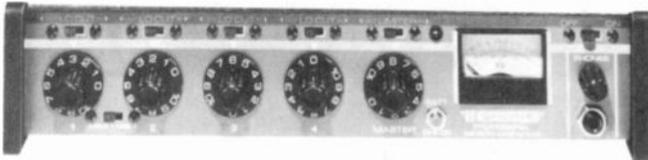




## Consoles - Remote

# SHURE

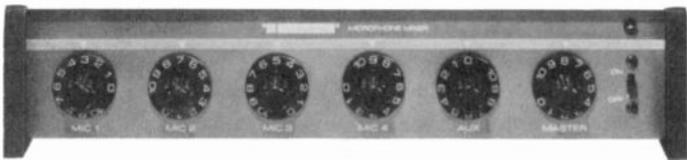
# COMREX<sup>®</sup>



### Model M267 Professional Microphone Mixer

The Shure M267 offers performance and capabilities never before available in a modestly priced mixer. It has all the features that made the Shure M67 the industry standard mixer, plus additional features and performance improvements that promise to make it the industry standard. These features include... PEAK LIMITER, PHANTOM POWER, BUILT-IN BATTERY PACK, LED PEAK INDICATOR, HEADPHONE LEVEL CONTROL. The M267 has four mic or line switchable inputs. It also includes transformer balanced inputs and outputs, mix bus, VU meter, low RFI and line noise susceptibility.

Mfg. list \$475.00.....CALL FOR BSW PRICE



### M268 Professional Microphone Mixer

The M268 is a compact, lightweight, five-channel microphone mixer that offers significant improvements in design, performance and versatility over other value-priced mixers including the Shure M68. It is ideal for public address and paging in hotels, schools, community centers, and hospitals, as well as an excellent add-on mixer for expanding current equipment. It is also an excellent mixer for use by the serious tape recording enthusiast.

Mfg. list \$257.00.....CALL FOR BSW PRICE

### Model FP31 Compact Portable Mixer



A compact, portable microphone mixer specially designed for electronic news gathering (ENG) and electronic field production (EFP) use. Measuring just 6 5/16" x 5 5/16" x 1 7/8", the FP31 incorporates the features most requested by audio engineers, electronic news professionals, sportscasters, and film and video sound engineers. Three XLR connector inputs and two outputs are provided, each switchable for either microphone or line-level operation. Incorporated in the FP31 is a built-in slate microphone for voice announcements and emergency field use.

Mfg. list \$900.00.....CALL FOR BSW PRICE



Headphones  
not included

### Model SLX Portable Console

The SLX is a complete, self contained remote broadcast package with a built in frequency extender encoder. The SLX provides facilities for 4 microphones, 3 headphones, 2 tape inputs. It is capable of feeding up to two program loops (telco or RF) and two dial telephone lines, simultaneously. A third dial telephone interface is provided for communications. A comprehensive headphone matrix permits custom monitor mixing, plus talk back to the studio. Complete telephone dial interface is included.

Mfg. list \$4,000.00 w/case.....CALL FOR BSW PRICE

*Nobody  
Offers Better  
Service Or Prices*

*Nobody  
And We're As Close  
As Your Telephone  
Toll Free  
1-800-426-8434*



**SENNHEISER**



**HD 414 SL**

Others try to imitate...but we all know that there is no substitute for the real thing...the HD 414 SL from Sennheiser is the finest open air headphone in the world...and definitely the industry standard in broadcast...Frequency response 20hz to 20,000 hz 600 ohms impedance.

Mfg. list \$84.00.....**CALL FOR BSW PRICE**

**WE STOCK REPLACEMENT PARTS FOR ALL SENNHEISER HEADPHONES**



**Model HD410SL**

Little brother to the HD 414SL shown above. Frequency response 20 HZ to 18,000 HZ 600 ohm impedance.

Mfg. list \$59.00.....**CALL FOR BSW PRICE**

**AKG**  
ACOUSTICS



**Model K-240M**

The K-240M is the first totally sound-and comfort-engineered headphone incorporating all the features necessary for complete listening enjoyment accurate stereo imagery, outstanding fidelity of reproduction at all listening levels, extreme comfort with virtually no fatigue under prolonged use.

Mfg. list \$99.00.....**BSW PRICE \$82.75**

**KOSS**



**Model KC29**

You won't believe your ears...inexpensive price, but incredible sound...frequency response 18 to 20,000 HZ at 100 ohms.

Mfg. list \$23.99.....**CALL FOR BSW PRICE**



**Pro4AAA**

Feedback on the air a problem??? Koss Pro4AAA is a great solution. Sealed earcups provide comfort and durability. Frequency response 10 to 20,000 HZ. 100 ohms.

Mfg. list \$70.00.....**CALL FOR BSW PRICE**



**K/6X Plus**

This lightweight, stereophone delivers the Sound of Koss at a popular price. Frequency response 10 to 22,000 HZ. 100 ohms.

**BSW PRICE.....\$29.95**

**Fostex**



**Model T 20 Studio Headphone**

You say you need a set of phones that can get louder than a 747 jet??? Here they are...guaranteed to please the most discriminating rock 'n' roller...Frequency response 20HZ to 30,000Hz. 50 ohms.

Mfg. list \$79.00.....**CALL FOR BSW PRICE**



# Headsets



### Model HMD224X Remote Headset

- Sealed ear cushions guard against ambient noise
- 16-20,000Hz frequency range headphone
- 50-12,000Hz frequency range microphone
- Cardioid pick up pattern

Mfg. list \$235.00.....CALL FOR BSW PRICE



### Model PH92 Sportcaster Headset

- Push-to-cough switch
- Omni-dynamic microphone

Mfg. list \$230.00.....CALL FOR BSW PRICE

## Astrolite

MADE FAMOUS  
BY  
ALL THE MAJOR  
NETWORKS



- 8650 Omni Microphone Electret.....CALL FOR BSW PRICE
- 8649 Cardioid Microphone Electret.....CALL FOR BSW PRICE
- 436B Omni Microphone Dynamic.....CALL FOR BSW PRICE



### Model DT109K Headsets

A headphone/microphone combination for heavy duty use. All parts easily interchangeable. Comfortable to wear over long periods of time. Hypercardioid microphone has excellent noise-cancelling qualities. Now in black.



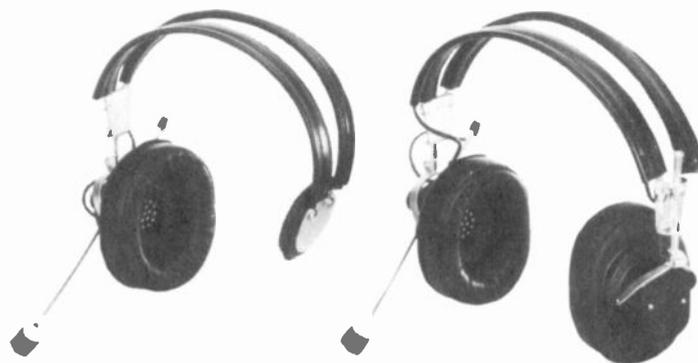
Mfg. list \$175.00.....CALL FOR BSW PRICE



### SM1 and SM2 Headsets

Shure Models SM1 and SM2 are professional quality headsets that provide maximum comfort, durability and sound reproduction—designed for broadcasting applications. The SM1 (one ear cue) and SM2 (two ear cue) are loaded with deluxe features that make them an ideal choice for professional TV and Radio broadcasters, film and video production crews and other A/V professionals.

Headset features include: a patent boom mount for total flexibility in microphone positioning—the boom adjusts for left or right side use; an all metal boom that is less subject to damage; a rugged, double-braced all metal headband with leather-like covering; and large “pillow-soft” ear pads for maximum comfort as well as superior external noise isolation. Detachable cables for added convenience.



Model SM-1  
Mfg. list \$175.00

Model SM-2  
Mfg. list \$200.00

CARDIOID POLAR  
PATTERN

CALL FOR BSW PRICE



# RADIX

## HEADPHONE SPLITTER



**NEW**

AND ONLY **\$79.95**

**Model HS160**

Headphone signal distribution has never been as easy or inexpensive. Introducing the RADIX 1x6 headphone splitter. Simply provide amplified headphone signal and plug in up to six headphones. The RADIX 160 features isolation resistors to keep signal constant regardless of how many headphones are plugged in.



*One Call Does It All*  
**1-800-426-8434**

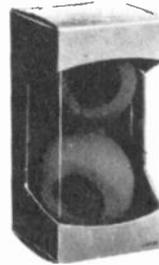
**BSW HOURS**

Eastern Time  
9:00AM TO 9:00PM  
Central Time  
8:00AM TO 8:00PM

Mountain Time  
7:00AM TO 7:00PM  
Pacific Time  
6:00AM TO 6:00PM

**Multi-Color  
Windscreen Sets**

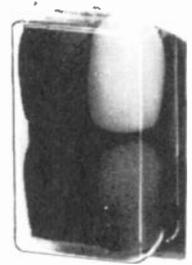
Blocks out unwanted pop, wind, noise and close talking hiss. Made from special soft cut foam, decorative in design. These multi-color screens add beauty to your microphones. Also identifies each so no mixup will occur when more than one microphone is used.



10-66



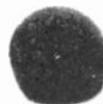
10-9



10-67



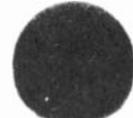
10-69



10-71



10-58



10-70

- 10-9 (2 3/4" High Screen Universal Type—Fits slim models from 3/4" to 1 1/8") Color Black. **BSW PRICE \$1.25**
- 10-66 Contains two 2 3/8" High screens to fit 1 3/4" to 2" dia. microphones, 1-Red, 1-Blue. **BSW PRICE \$4.60**
- 10-67 Contains four 2 3/4" High screens to fit 1 3/8" to 1 3/4" dia. microphones, 1 each Red, Blue, Yellow, Black. **BSW PRICE \$4.70**
- 10-68 Contains five screens for spherical head microphone 2 3/8" High to fit over 1 3/4" to 2" microphones. 1 each Red, Blue, Yellow, Green, Black. **BSW PRICE \$12.45**
- 10-69 Contains four 7/8" High screens fit to 1/4" to 1/2" microphone. Designed to fit lavalier type microphones. 1 each Red, Black, Yellow, Green. **BSW PRICE \$2.85**
- 10-70 Contains four 1 1/8" High screens to fit 3/4" to 1" microphones. 1 each Red, Black, Yellow, Green. **BSW PRICE \$4.70**
- 10-71 Contains four 1 1/2" High screen to fit 7/8" to 1 1/8" ball head microphones. 1 each Red, Black, Yellow, Green. **BSW PRICE \$4.70**





# Microphone Accessories

BSW stocks a variety of microphone accessories.  
Call 1-800-426-8434 for the accessories you need.

## ProCable



**Model Series IIB**  
**25 Ft. XLR to XLR Mic Cable**  
Excellent quality, outstanding value  
**BSW PRICE. \$15.95 ea. 4 or More.....\$12.50 ea.**

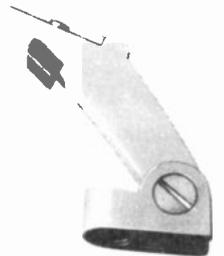


## ACCESSORIES FOR SENNHEISER MICROPHONES

MZW 421 Windscreen.....\$23.00  
MZW 40 Windscreen.....\$27.00  
HZL26-3 Mic Cable  
XLR to Open End.....\$17.50



MZA 421 Stand Clamp  
For MD421U.....\$27.00  
MZA 441 Stand Clamp  
For MD 441U.....\$38.00



**Audix Transformers**  
**AT-52**  
Impedance matching transformer XLR type low in to 1/4" high.  
**BSW PRICE.....\$17.95**



**AT8410A**  
Universal shock mount with clothespin clamp. Fits most sizes and shapes of microphones.  
**BSW PRICE.....\$31.50**

**Windscreens**  
A2WSA for SM57.....\$10.85  
A61WS for SM58, 78.....\$5.00  
90A2089 for SM7.....\$7.40



**AT8407**  
Universal clothespin clamp holds virtually all tubular and tapered body microphones.  
**BSW PRICE.....\$11.50**

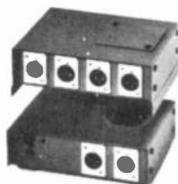
**Stand Clamps**  
A25B for SM57,58.....\$4.00  
A57D for SM59, 60, 61.....\$12.20  
A55M Isolation Mount.....\$35.55



**Stand Clamps**  
301: Stand clamp for 1" to 1 1/8" diameter microphones. Allows snap-out use. Black or gray  
**BSW PRICE.....\$8.50**

310: Stand clamp for 3/4" microphones. Allows slip-out use. Black or gray  
**BSW PRICE.....\$8.50**

312: Stand clamp for 3/4" microphones. Allows snap-out use. Black or gray  
**BSW PRICE.....\$8.50**



**Electrical Accessories**  
AC24: Phantom power supply. AC24M provides remote power for two microphones from standard 117 VAC power. Expandable in multiples of four to accept up to 10 microphones by using AC24S Expander Modules.  
**AC24S BSW PRICE...\$121.00**  
**AC24M BSW PRICE..\$143.00**

**Windscreens**  
314: For RE10 and RE15 mics. Zippered for easy installation. Rear portion can be used on RE11 and RE16 for wind protection.  
**BSW PRICE.....\$18.00**



314E: For 631B and 635A. Can be used for pop protection only on front of 660, 661, RE10 and RE15.  
**BSW PRICE.....\$8.50**



355A: For DO54, RE55, 654A, 655C mics.  
**BSW PRICE.....\$8.50**





**SOUND GRABBER  
PZM  
TECHNOLOGY**

The hottest microphone concept for conferencing, news gatherings and meetings. Fantastic pick up qualities from all corners of the room. Pressure-zone-microphone technology.

Mfg. list \$99.00.....CALL FOR BSW PRICE

The full line of PZM™ microphones are available - call 1-800-426-8434 for details.



**Model MD421-U**

When it comes to microphones for on air or production use, the MD421-U from Sennheiser is the natural choice for many stations. The 421 projects warmth and clarity that others simply cannot match...at any price. Cardioid pattern-Frequency response 30 to 15,000Hz.

Mfg. list \$349.00.....CALL FOR BSW PRICE

**Model MZS-1 Shock MT**  
(Mic stand clamp not included)

Mfg. list \$18.00.....CALL FOR BSW PRICE



**Professional Omnidirectional  
Electret Condenser Microphone  
With Miniature Design**

**Model ECM55S/B**

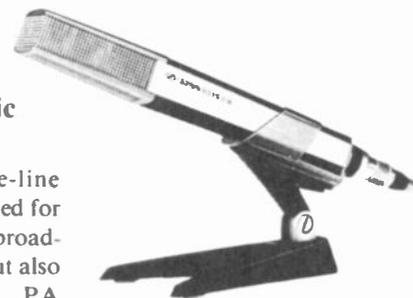
The Sony ECM55 series Lavalier microphones have been improved over Sony's ECM50 series. Some benefits include:

- Output transformers have better tonal quality.
- Power supply has been redesigned for easy serviceability.
- 6,000 hour battery life. Available in Silver or Black. Omnidirectional Pick up pattern

Mfg. list \$260.00.....CALL FOR BSW PRICE

**Model MD441-U  
Unidirectional Dynamic  
Studio Microphone**

Sennheiser's top-of-the-line dynamic microphone. Designed for professional applications in broadcast, TV and film studios, but also perfect for first-class PA installations.



- Frequency range from 30-20,000 Hz
- Super-cardioid pattern
- Shock-mounted capsule to prevent handling noise.

- Highest SPL without distortion
- Ten different switchable response curves
- Built-in pop filter

Mfg. list \$479.00.....CALL FOR BSW PRICE



# Microphones



*For Broadcasting Professionals*

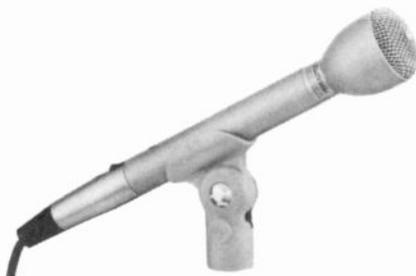


**Model RE-16  
Super Cardioid**

Dynamic element 56 dB output. Built-in blast filter.

Mfg. list \$296.00

**CALL FOR BSW PRICE**



**Model 635A  
Omnidirectional**

Dynamic element, 55dB output. Very popular.

Mfg. list \$112.00

**CALL FOR BSW PRICE**



**Model RE-15  
Super Cardioid**

Frequency response 80-15,000Hz.

Mfg. list \$286.00

**CALL FOR BSW PRICE**



**Model RE-20  
Dynamic Cardioid**

Dynamic element, 57 dB output. Integral blast and wind filter.

Mfg. list \$545.00

**CALL FOR BSW PRICE**

**Other Electro-Voice Microphones**

- Model 649B Lavalier
- Model DO54 Omnidirectional
- Model DS35 Single D Cardioid
- Model RE-10 Super Cardioid
- Model RE-50 Omnidirectional
- Model RE-55 Omnidirectional
- Model RE-85 Noiseless Lavalier
- Model RE-98 Lavalier

**CALL FOR BSW PRICE**



**Model RE-11  
Dynamic Super Cardioid**

Built-in blast filter.

Mfg. list \$201.00

**CALL FOR BSW PRICE**



**Model CO90 Omnidirectional**

- Tie clasp lavalier, battery powered
- Includes tie clasp, belt clip, storage pouch

Mfg. list \$159.00.....**CALL FOR BSW PRICE**



**Model DO56  
Shock-Mounted Dynamic Omnidirectional**

Virtually impervious to mechanical noise. Isolated capsule design makes it the ideal microphone whenever there is lots of action. Built-in blast filter reduces "P-popping" to keep your audio clean.

Mfg. list \$137.00.....**CALL FOR BSW PRICE**



**Model RE-18  
Shock-Mounted Super Cardioid**

Combines the best performance features of the famous RE15 and RE16 with superb mechanical noise insulation. Uniform frequency response at all angles for colored pickup on and off axis. Consistent sound quality at any working distance. Refined, low-profile blast filter.

Mfg. list \$308.00.....**CALL FOR BSW PRICE**



**SHURE**<sup>®</sup>



**Model SM5B**  
**Unidirectional Dynamic**  
**Cardioid**  
 Boom microphone FR 50 to 15,000 Hz  
 Mfg. list \$586.00

**CALL FOR BSW PRICE**



**Model SM58LC (Less Cable)**  
**Self-Windscreened**  
**Unidirectional Dynamic**  
**Cardioid**  
 Mfg. list \$164.75

**CALL FOR BSW PRICE**



**Model SM7**  
**Unidirectional Dynamic**  
**Cardioid**  
 Output: 57 dB FR 40-16,000 Hz  
 Mfg. list \$542.00

**CALL FOR BSW PRICE**



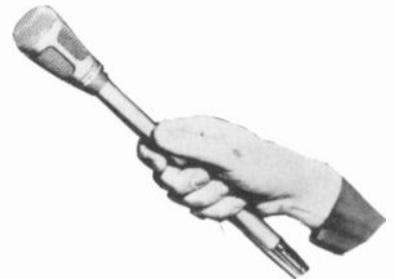
**Model SM57LC (Less Cable)**  
**Unidirectional Dynamic**  
**Cardioid-Real Popular**  
 Mfg. list \$134.00

**CALL FOR BSW PRICE**



**Model SM63LC (Less Cable)**  
**Omnidirectional Dynamic**  
**Lightweight, Includes Cable**  
 Mfg. list \$120.00

**CALL FOR BSW PRICE**



**Model SM82LC**  
**Hand-Held Line Level**  
**Condenser Unidirectional**  
 Mfg. list \$392.00

**CALL FOR BSW PRICE**

**AKG**<sup>®</sup>  
 acoustics



**D130E**  
**Dynamic**  
**Omnidirectional**  
 50-13,000 Hz  
**CALL FOR BSW PRICE**  
 Mfg. list \$110.00



**D-330BT**  
**Dynamic**  
**Hypercardioid**  
 50-20,000 Hz  
**CALL FOR BSW PRICE**  
 Mfg. list \$210.00



**D-12E**  
**Dynamic**  
**Cardioid**  
 30-15,000 Hz  
**CALL FOR BSW PRICE**  
 Mfg. list \$315.00



**D-190E**  
**Dynamic**  
**Cardioid**  
 30-15,000 Hz  
**CALL FOR BSW PRICE**  
 Mfg. list \$115.00



**C-568EB**  
**Condenser**  
**Shotgun**  
 20-20,000 Hz  
**CALL FOR BSW PRICE**  
 Mfg. list \$295.00



# Microphones



### AT802 Omni-Dynamic

Whether for broadcast, sound reinforcement, or recording, the AT802 is an essential part of any complete microphone collection. Often designated a "workhorse" microphone, its rugged dependability, simplicity, and freedom from handling noise makes it a favorite of news broadcasters for interviews and for TV news teams.

Mfg. list \$110.00

**CALL FOR BSW PRICE**



### AT815A "Shotgun"

With the acceptance angle of approximately 40° at high frequencies, the AT815A provides a useful tool to overcome problems of noise or distance for radio or TV broadcasting, special stage applications, and motion picture dialogue recording. Its flat response and high output insures well-balanced, natural-sounding pickup.

Mfg. list \$260.00

**CALL FOR BSW PRICE**



### AT812 Cardioid-Dynamic

For reliable, high quality sound reinforcement of musical instruments and general remote and studio broadcasting, the Model AT812 is the clearly logical choice. Housed in a sturdy, compact body, the rugged dynamic cardioid element has been tailored in response to solve the practical problems of professional sound engineers.

Mfg. list \$135.00

**CALL FOR BSW PRICE**



### AT813 Unidirectional Electret

From close up miking of vocalists to distant pickup of large orchestral groups, the AT813 has shown an ability to perform with unusual versatility. Its frequency response and overall character has been favorably compared with studio condensers costing as much as ten times that of the AT813.

Mfg. list \$138.00

**CALL FOR BSW PRICE**



### AT803A Omnidirectional

Intended for TV studios, remote broadcasting, or lectures where phantom powering is not available, this tiny microphone delivers clean voice reproduction with high intelligibility. The rising response compensates for the normal off-mic location when clipped to lapel, tie, or blouse. A low-frequency rolloff balances the sound for natural voice quality.

Mfg. list \$126.00

**CALL FOR BSW PRICE**



### AT831A Unidirectional

A true problem solver, the AT831 sub-miniature microphone provides unique versatility with its unidirectional (cardioid) pickup pattern. While all other miniature microphones respond equally to sounds from every direction, only the AT831A uniformly rejects sounds arriving from the rear and sides.

Mfg. list \$150.00

**CALL FOR BSW PRICE**

## Model P650 EPM Parabolic Microphone

The EPM Parabolic Microphones are high performance unidirectional microphones perfectly suited to the requirements of the Motion Picture and Broadcast Industries, tape recording, monitoring and other professional or semi-professional applications.

The EPM is one of the most directional microphones ever produced; making it possible to record voices, sounds, practically anything - to professional standards without having the microphone anywhere near the subject being recorded.

## EXCELLENT SENSITIVITY

The EPM is capable of picking up and magnifying signals up to 75 times that of a normal omni-directional microphone while remaining virtually impervious to overload.

**BSW PRICE.....\$499.00**

**ASK ABOUT QUANTITY DISCOUNTS**

## RD SYSTEMS

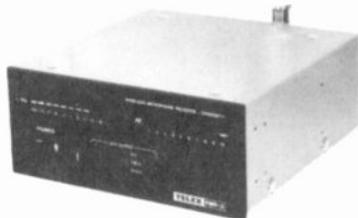




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DEALS  
AND  
LEASING**

Ask Your BSW  
Representative  
for Details  
1-800-426-8434

**TELEX**

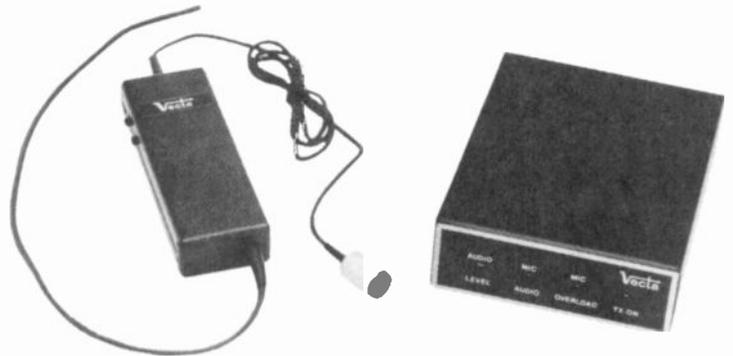


**Model FMR-2  
FM Wireless Mic Receiver  
Model WT-200  
Belt-Pack Transmitter**

The Telex wireless microphone system adds significant innovations to the state-of-the-art. Innovations which not only make Telex an outstanding value among wireless systems, but provide performance capability that equals or exceeds that of wired microphone systems for professional applications. Applicable equipment is FCC type accepted. Price shown includes WLM-100 lapel mic.

Mfg. list \$1,720.00.....CALL FOR BSW PRICE

**Vecta**  
By Cetec Vega



**VS-1 Wireless Microphone System**

The Vecta VS-1 is an affordable high quality wireless microphone system with a clear crisp sound similar to that of a good wired mic. Vecta features a new audio-processing technique to provide a high signal to noise ratio with key low background hiss over a wide dynamic range of input levels.

Mfg. list \$678.00.....CALL FOR BSW PRICE

**Cetec Vega**



**Model 77/D11 Wireless Mic Transmitter**

Compact pocket transmitter equipped with Dynex II® Dynamic Expansion, offering lower noise and wider dynamic range. (Microphone not included)

Mfg. list \$983.00.....CALL FOR BSW PRICE



**Model R41 Wireless Mic Receiver**

Cetec Vega's PRO-PLUS wireless microphone receivers offer a new standard of performance with Dynex II®. Sensitivity, selectivity, and stability are exceptional.

Mfg. list \$1,799.00.....CALL FOR BSW PRICE



# Microphone Stands

## ProBoom

### Standard Brackets



**A**  
\$7.50



**B**  
\$7.50



**C**  
\$7.50



Pro-Bracket  
12" Pedestal  
Rugged All  
Aluminum

Colors  
Grey  
Oyster  
Natural

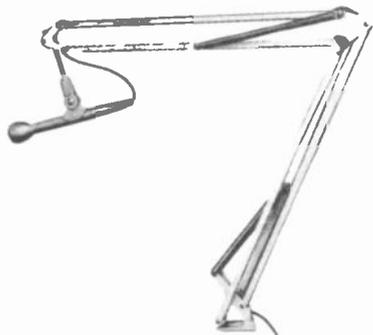
**BSW PRICE**  
17.95



**Model LMI-3**  
With Riser  
The Heavy Duty  
Mic Boom With  
12" Pedestal  
For Behind  
Equipment Placement  
41" Reach

**BSW PRICE \$49.95**

With standard bracket **\$34.95**



LM-1 41" Reach  
For 1 lb. Microphones  
LM-2 26" Reach  
For 1 lb. Microphones

BSW Price  
Includes  
Standard  
Bracket

**34.95**

**34.95**

BSW Price  
Includes  
12" Pedestal  
Pro-Bracket

**49.95**

**49.95**

## Atlas Microphone Stands The World's Standard

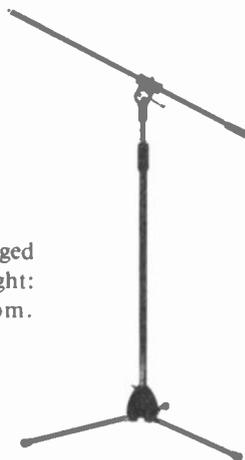
### AUDIOTEC Mic Stand

#### Our Best Seller

Boomstand with hinged feet. Maximum height: 62" without boom. Boom length 36".

#### Model S-99

BSW Price 29.95



#### a. SB-36w Mobile Boom Stand

Grip-action clutch with integral air suspension to counterbalance boom weight. 5/8"-27 thread at microphone end. Boom length 62". Adjustable vertical height from 48" to 72". Rubber casters for mobility.

**\$203.45**

#### b. PB-10x Microphone Boom

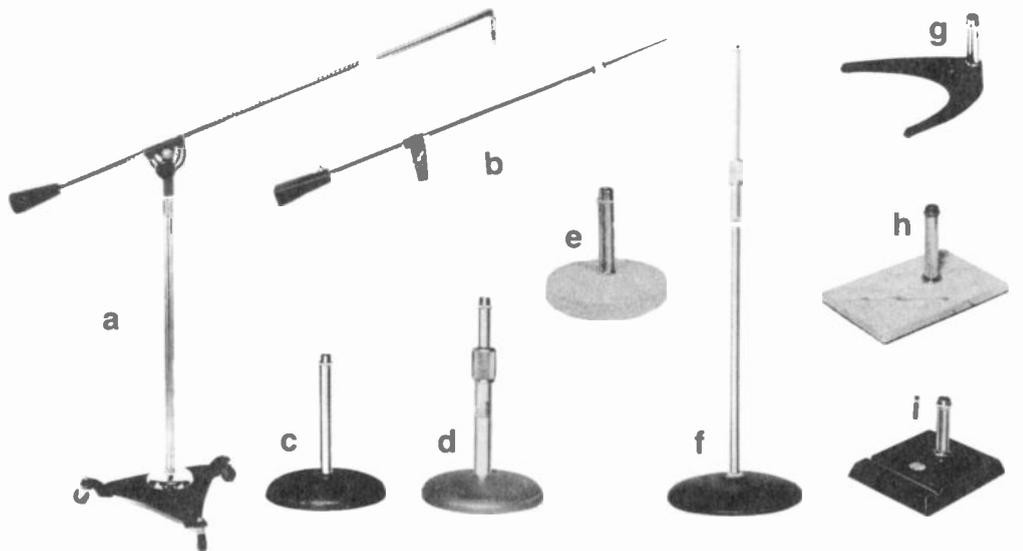
Standard termination for microphone holder. Die-cast swivel, tapered counterweight, coordinated hardware. Attaches to any microphone stand terminating in 5/8" dia. tubing or adapter Grip-action clutch. Expandable from 31" to 50". (Blk. or Silv.)

**\$28.80**

#### c. DS-5 General Purpose Stand

Non-adjustable 4" high chrome tube. 6" dia. cast iron charcoal base.

**\$9.00**



#### d. DS-7 Adjustable Desk Stand

Chrome tube assembly, adjustable height 8" to 13". Grip-action clutch. 6" dia. charcoal base. (Blk. or Silv.)

**\$13.05**

#### e. DS-4 Lightweight Stand

Non-adjustable 4" high chrome tube. 5" dia. phenolic beige base.

**\$6.15**

#### f. MS-12c General Purpose Stand

Grip-action clutch. Low-profile charcoal base with added weight for extra stability. (Blk. or Silv.)

**\$24.95**

#### g. DS-14 Contemporary Stand

For professional styled microphones. Non-adjustable 3" high chrome tube. Charcoal base.

**\$12.00**

#### h. DS-1 Executive Stand

Non-adjustable 3" high chrome tube. Luxurious 5"x 7" polished white carerra marble base.

**\$22.45**

#### i. DS-2 Vibration-isolating Stand

Non-adjustable 3" high chrome tube. Non-reflective 4"x 6" charcoal base.

**\$17.50**



**SONY**<sup>®</sup>  
Professional Products

# *The Ultimate Audio Recorder*

## APR-5000 SERIES



### The Professionals's Choice

A fast paced production environment needs a compact, easy to use analog recorder which offers a wide range of capabilities and the highest level of performance. Critical recording engineers and broadcasters demanded robust construction, better audio performance and a high degree of intelligence for system networking. The product of 4 years of research and development, the APR-5000 series meets these demands and more, and provides the audio professional with equipment made to the Sony standard of quality and reliability.

If you are budgeting for MTR series or Studer then Sony is a must consideration. Your BSW representative will give you specifications and pricing information.



4-Track Recorders  
**JH-110C/4**



8-Track Recorders  
**JH-110C/8**

Get acquainted with the entire Sony line up. 4 - 8 - 16 - or 24 track Models. ½ inch, 1 inch or 2 inch configuration.

**SONY RECORDERS ARE PRICED  
TO SELL 1-800-426-8434**



# Prolite

## END LAMP REPLACEMENT FOREVER



Relamp your incandescent sockets. Our based multi LED miniature lamps are exact replacements for T 1/4 and T 1/4 incandescent miniature lamps. Shock and vibration proof, they keep your lighted panel and switches going "on" for 100,000 hours.

**COLORS**  
Red Yellow Green

- Low Power and Low Heat Consumption
- Shock and Vibration Proof
- Perfect Replacement Bulbs for Cart Machines!

### SAVE TIME SAVE MONEY

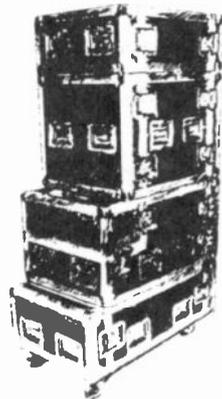
Relamp With Prolite

**CALL BSW FOR PRICING &  
CONFIGURATIONS**



## ANVIL CASES

### FOR EVERY PURPOSE



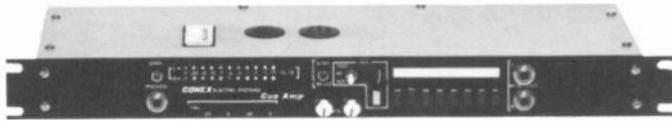
Complete Selection  
of Electronic Audio  
and/or Video  
Shipping & Storage Cases

OTARI MX5050BII case  
Mfg. list \$254.00.....CALL FOR BSW PRICE



# CONEX

## Omni-Q™



### Model UM33 Cue & Monitor System

The CONEX Omni-Q is a stereo, eight channel in, one channel out general purpose cue, monitor, and line amplifier.

The Omni-Q provides the easiest, least expensive, and most compact way of handling a variety of common monitoring, cueing, amplifying, and switching situations in any audio installation.

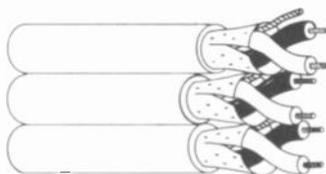
Typical Omni-Q applications include:

- Network or remote line monitor and buffer amplifier
- Transmitter input selector and monitor
- Automation cue amplifier
- Tape recorder input selector
- Telephone line source selector
- Headphone amplifier
- Intercom, communication system, or multi-media testing
- Console input expander

The Omni-Q has potential use in every studio in a radio station — newsroom, production room, transmitter, master control, and control room.

Mfg. list \$495.00.....CALL FOR BSW PRICE

## WEST PENN WIRE



Rainbow of colors

1000' reels

**\$64.95**

WEST PENN 291

**COLORS: Red • Blue • Grey**  
General all purpose wire for all  
your studio audio needs

Twisted pair - 22AWG - stranded Tinned Copper - Aluminum foil shield with 24 AWG tinned cooper. Drain wire.

# CONEX

## SENSORS & GENERATORS

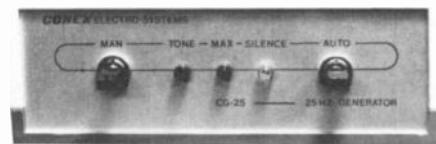


### Model CS-25A 25 Hz Tone Sensor

- Plug-in circuitry
- All IC's in sockets
- Tone indicator lights
- Front panel adjustable
- Jones connectors standard
- 10K Ohm unbalanced
- Rack mount standard

### Dual Sensor

Mfg. list \$395.00.....CALL FOR BSW PRICE



### Model CG-25 25 Hz Tone Generator

- All functions adjustable
- Jones connectors standard
- Selectable channel switch
- Balanced bridging inputs
- Balanced 600 Ohm outputs

### Mono/Stereo

Mfg. list \$350.00.....CALL FOR BSW PRICE

### Rack Mount Version

Mfg. list 375.00.....CALL FOR BSW PRICE

**AUDIO  
TEST CD  
ONLY \$25.00**

- 99 audio tests
- Frequency sweeps
- Tone bursts
- Pink noise
- Sample musical selections
- Spot frequency
- IM distortion
- Square wave
- White noise



## Miscellaneous

### M.W. Persons

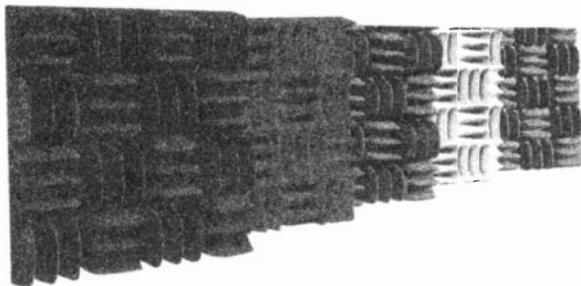


#### Programmer 3A Live Assist Controller

- Use reel to reel tapes in live radio format
- Full logic control including next play memory and auto segue
- Full mono and stereo audio control including cue
- Liquid crystal digital minutes and seconds timer
- Connects directly to up to four channel Otari ARS-1000DC or Revox PR99 reproduce only decks
- Interface with any other reel to reel machine using one 25Hz Tone Processor for each machine

Mfg. list \$990.00.....CALL FOR BSW PRICE

## SONEX For Clean Sound



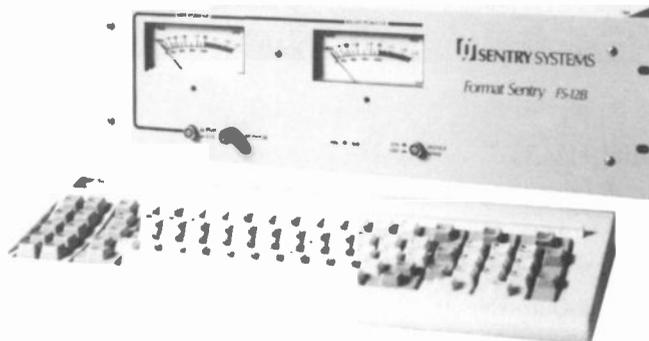
When it comes to sound-proofing your facility don't skimp and buy inferior products that "almost do the job". SONEX is simply the finest sound proofing material that we know of, and anyone can install with ease.

Get the facts today. SONEX is available in five colors, in three thicknesses, and in standard four-ft. square panels. Use it in broadcasting, recording, videotaping or performing areas for really pure clean sound.

**CALL BSW ORDER DESK FOR  
CONFIGURATIONS & PRICING**

## SENTRY SYSTEMS AUTOMATION CONTROL UNDER \$5,000.00

Format Sentry FS-12A



### ALL YOU ADD IS AN IBM OR IBM COMPATIBLE COMPUTER AND SOURCE EQUIPMENT

- 8,000+ event program memory
- 12 stereo random access sources (expandable to 24)
- Includes all operating software
- Ready for Disc Drive & Printer
- Plain english commands
- End of tape warning
- Silence sensor
- Real time clock

#### FOUR OPERATING MODES

- Fully live
- Satellite compatible
- Fully automated
- Live assist

### Powerful Versatile Automation Control at A Sensible Price

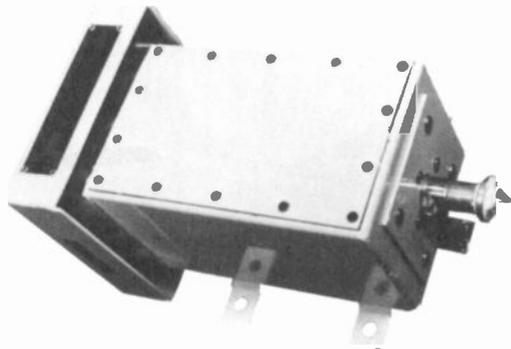


*Low Overhead  
From One Location  
Means  
Lower Prices*

*Call BSW 1-800-426-8434*



# KINTRONIC LABORATORIES



### KTL Isocouplers

Kintronic Laboratories Isocouplers provide versatility to existing AM radiating elements by allowing for installation of Transmit-Receive/FM TV Antennas operating in a frequency range of 35-960kHz without disrupting AM antenna characteristics.

Four Models transmit receive application

Four Models FM/TV application

CALL YOUR BSW REP FOR SPECIFICATIONS & PRICING

# WILKINSON RECTIFIERS

The reknown Wilkinson Silicon Rectifiers are available from Broadcast Supply West. These are self testing, direct replacement rectifiers for mercury vapor tubes. Call us with your power requirements and we will give you our low price.

## One Call Does It All

1-800-426-8434  
TWX: 910-441-2617  
Tacoma: (206) 565-2301

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Pacific Time  
6:00AM to 6:00PM

# D.E. WINGET



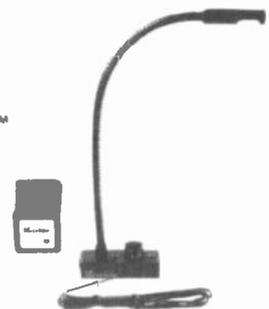
## AIR SENTRY

### Audio Signal Monitor

The AIR SENTRY is designed to constantly monitor the presence of an audio signal and to energize a relay when the audio is absent. Activation of the relay is front panel adjustable from 4 to 20 seconds. The relay may in turn be used to activate an external audible or visible alarm to notify station personnel of the absence of broadcast signal. AIR SENTRY may be used to monitor any stereo or mono audio source such as audio from AM/FM tuner, TV receiver, or modulation monitor. AIR SENTRY is built to broadcast standards of reliability and is extremely cost-effective.

Mfg. list \$295.00.....CALL FOR BSW PRICE

# Little™



### Model L-3/12 High Intensity Light

Dimmer with off position, 6' cord, wall plug-in transformer, gooseneck, high intensity hood and quartz halogen bulb. Permanent mounting material included. Perfect for illuminating turntables.

BSW PRICE.....\$39.95

## VIF NAB HUB ADAPTER



Fits Most  
Professional  
Reel To Reel  
Machines

BSW PRICE.....\$16.95 ea.



# ProLite

## ADJUSTABLE

Handles Any Standard Bulb to 100W

**Put the Light  
Where the Need is  
A Real Little  
Beauty  
And Only  
\$15.95**



- 2 For.....\$27.00
- 6 For.....\$72.90

## LUXO OR LITE-HEART COPY HOLDERS



### Copy Holders

- For announcers, newsmen, programmers, secretaries
- Holds any reading material wherever you need it

- Model 16008 4lb.....BSW PRICE \$57.50
- Model 16007 1lb.....BSW PRICE \$39.95
- Model LH801 1lb.....BSW PRICE \$26.95

## ARCHITECTURAL SYSTEMS

**33W6142R  
Flatwall  
On Air Lens  
\$81.95**

**Blank Lens  
Without Symbol  
\$10.50**



**33C6242R  
Extended Ceiling  
Double Face  
\$104.95**

**or  
33E6242R  
Wall On Air Lens  
\$104.95**

**Blank Lens  
Without Symbol  
\$10.50**



**33P6242R  
Pendent  
On Air Lens  
Double Face  
\$135.95**

**Blank Lens  
Without Symbol  
\$10.50**



Dimensions: 7½" square and includes two 20 watt lamps.

## Fidelipac

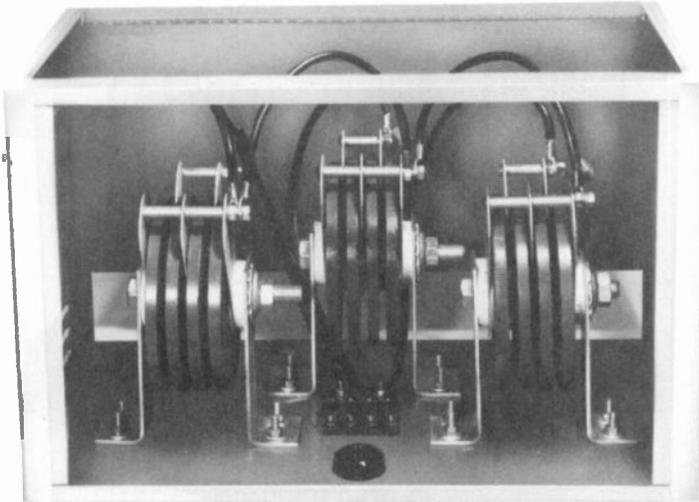


340 On Air Light

BSW PRICE.....\$49.50

# WILKINSON

By TELEVISION TECHNOLOGY



## Model S1A Line Surge Protector

The Wilkinson Electronics Line Surge Protector is far superior to standard lightning arresters, surge reactors or other AC line protection devices.

AC line voltage surges, caused by lightning, transformer arcing and induced transients are everyday occurrences that cause heavy damage to equipment incorporating silicon rectifiers, mercury vapor tubes, or other semi-conductor devices. The Wilkinson Electronics Model S1A protects valuable equipment against surges that often exceed many times the normal line voltage.

Single Phase or Three Phase

**CALL FOR BSW PRICE**

# DALE SERIES SPA



## Secondary Power Arresters

### Description

Dale SPA secondary power arresters, when connected across an AC power line, limit surge voltages caused by lightning and other transients. They provide excellent protection for wiring, appliances, electrical and electronic equipment of all kinds. These arresters use the Dale rotating arc spark gap which has the capability to withstand multiple lightning strokes. In addition, SPA arresters provide protection from extreme surge amplitudes. Power-follow current is limited and extinguished within one-half cycle. Pre-ionizing of the spark gap yields protection during the fast-rising wavefront of the transient. The arresters are hermetically sealed in a strong steel case and completely contain the surge discharge. High reliability and long life make these arresters especially suitable for isolated or remote installations.

3 Models From 110V to 480V

**CALL FOR BSW PRICE**

# CATEL FM Modulator



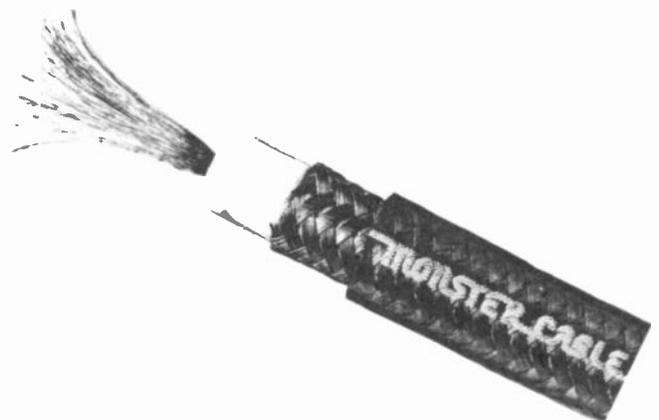
## FMX-2100S

The FMX-2100S FM Modulator is a modulator packaged frequency modulation cable transmitter designed specifically for CATV and CCTV applications. When used with the SM-2200 Stereo Generator it makes possible the origination of stereo programming. With direct audio sources such as AM/FM tuners, tape decks, microphone preamplifiers and short wave receivers, it can add varied FM signals to the cable system. In addition to the re-transmission of audio signals the wide band (plus or minus 75 kHz) deviation makes the unit ideal for multiplexed voice or data transmission.

The crystal controlled output of the FMX is normally on a customer selected frequency in the 88 to 108 MHz frequency range. It is also available, at added cost, on any other HF or VHF frequency on special order. The unit is fully solid state and employs an oven regulated VCO for greater stability. Up to ten FMX-2100 Modulators can be powered from a single PS-2000 Regulated Power Supply.

Mfg. list \$985.00.....CALL FOR BSW PRICE

# MONSTER CABLE<sup>®</sup>



It would take a book the size of this catalog to describe in detail the features and benefits of MONSTERCABLE. So with little space we will tell you this... you simply have to buy it! Conventional cables run out of breath when trying to cope with digital sound. MONSTERCABLE allows audio to pass that you never knew existed. The same is true for all your analog requirements such as microphone or speaker cable. Monstercable is the secret weapon that many stations and recording studios use, giving them the competitive edge. Call us today. We will send you all the technical data... 1-800-426-8434 toll free.

## Miscellaneous

### SEIKO Sound Producer

Perfect For  
Production and  
News Room Use

BSW PRICE  
ONLY

**\$54.95**

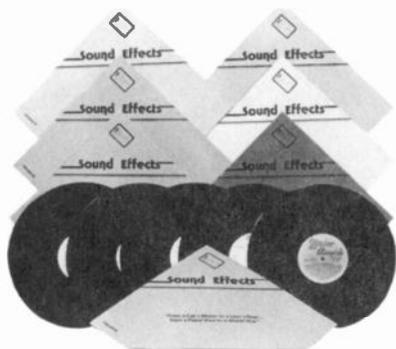


#### 4 SEPARATE FUNCTIONS

1. Time Calculator: Allows you to add and subtract time segments in hours, minutes, seconds, without conversion.
2. Timer: Counts down from any pre-set time.
  - A) Keeps track of number of time segments
  - B) Can revert to the prior segment of time, eliminate current segments and recommence counter.
3. Stop Watch: Counts lapped time.
4. Time: Keep regular time of day.

## SOUND EFFECTS RECORDS

From A Cat's Meow  
To A Lion's Roar  
From A Pistol Shot  
To A World War



- Ideal for television, radio and film
- Quick cued for easy use
- The professional broadcasters' library
- Recorded the way your ears hear it
- Over 1000 different effects

Complete Set Of 30 LPs

Mfg. list \$450.00.....CALL FOR BSW PRICE

Now Available  
On  
Compact Disc!

## COMPLETE TOOL KIT



### Xcelite Model TC-150/ST

A carefully selected assortment of Xcelite hand tools; interchangeable drivers, blades and handles; soldering iron and 1 measuring tape. Removable pallets in lid and base have tool pockets.

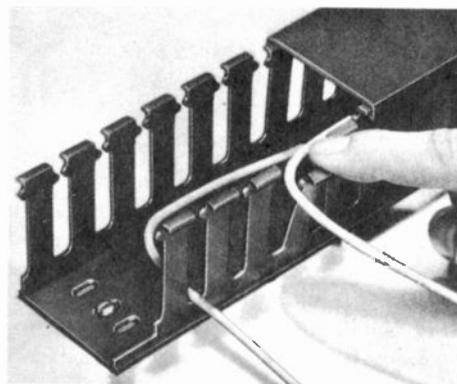
#### Contents:

- Regular and tee driver handles
- Driver extension
- .050," 1/16" to 3/16" Allen hex-socket type blades (9)
- 3/16" to 3/8" hex nutdriver blades(7)
- 3/16" and 1/4" slotted screwdriver blades
- Reamer
- 4 round-blade slotted screwdrivers
- 2 square-blade slotted screwdrivers
- Phillips screwdriver
- 7/16" and 1/2" hollow-shaft nutdrivers
- 1/4" and 5/16" magnetic nutdrivers
- Seizer
- Midget slip-joint plier
- 7" utility plier
- Long-nose plier
- 4" diagonal plier
- 5" diagonal plier
- 5 1/2" needle-nose plier
- Rosin-core solder
- 8" Chain-nose plier
- Electronic snips
- Wire stripper
- Knife
- Weller WP25 soldering iron
- 10' tape
- Adjustable wrench

BSW PRICE.....\$341.95

## PANDUIT

Wiring Duct

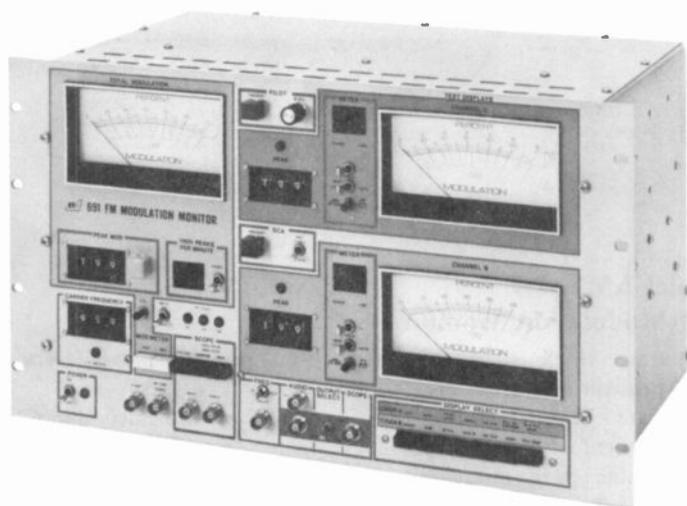


TYPE "E" - PRICE INCLUDES COVER

• Width: 2 inches      • Height: 2 inches      • Length: 6 feet  
BSW PRICE.....\$19.80



## Gorman-Redlich EBS MONITORS



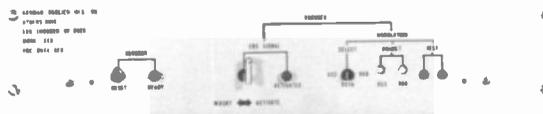
### TUNABLE STEREO MODULATION MONITOR AND FM TEST SET

**Model 691**

- A complete proof of performance instrument for mono, stereo and SCA measurements
- Converts x-y oscilloscope into a spectrum analyzer

Operator convenience and simplicity of use were primary considerations in the design of the 691.

Mfg. list \$5,295.00.....CALL FOR BSW PRICE



**Model CEB Encoder/Decoder EBS Monitor**

- Encoder FCC type accepted. Decoder FCC certified. Meets all legal requirements
- Low cost with uncompromising quality and performance
- Exceeds FCC specifications for EBS requirements
- Provision for remote operation. Programming loopthrough standard in encoder. Decoder demutes monitor receiver and/or actuates auxiliary alarm
- Decoder can be self-tested

**Encode Only (CE)**

Mfg. list \$330.00.....CALL FOR BSW PRICE

**CE With Stereo Option**

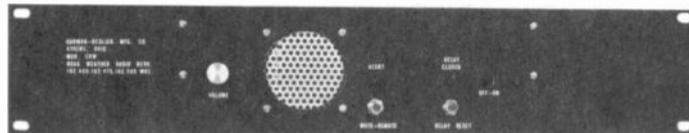
Mfg. list \$360.00.....CALL FOR BSW PRICE

**Decode Only (CD)**

Mfg. list \$280.00.....CALL FOR BSW PRICE

**Encoder-Decoder (CEB)**

Mfg. list \$475.00.....CALL FOR BSW PRICE



**Model CRW  
Weather, Emergency Alert Monitor**

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

Mfg. list \$475.00.....CALL FOR BSW PRICE



### EMERGENCY BROADCAST SYSTEM (EBS) MONITOR



**Model 760**

EBS system designed for broadcasters for decoding and encoding the two tone alert signal.

Modular construction of the system provides for maximum versatility and consists of a cabinet assembly, AM or FM receiver, two tone decoders and two tone generators. Two or three of the modules can be combined into a cost effective operational EBS system.

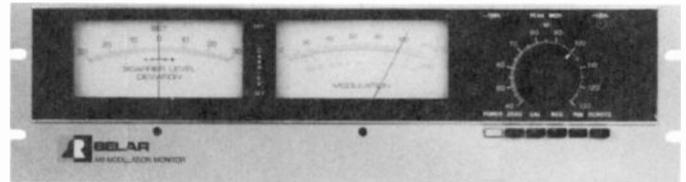
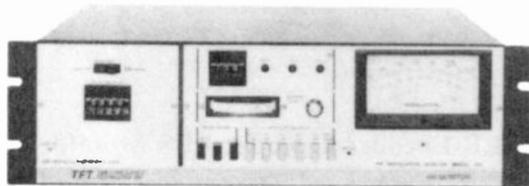
**Pricing Based Upon Configuration  
CALL FOR BSW PRICE**



## Monitors - Modulation



**BELAR  
ELECTRONICS**



### Model 753 AM Modulation Monitor

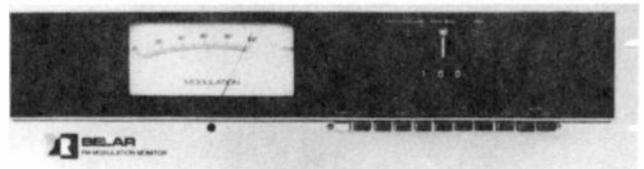
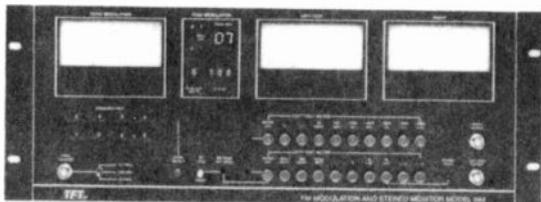
In today's competitive AM markets, you need to deliver a strong signal to the widest possible area. But, transmitter power alone isn't enough. You also need all the modulation you can legally achieve. That's the basic purpose behind the TFT Model 753 AM Modulation Monitor. Not only does it make extremely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

Mfg. list \$1,525.00.....CALL FOR BSW PRICE

### Model AMM-2B AM Modulation Monitor

- Separate 100% negative peak modulation indicator lamp, independent of carrier level
- Separate 125% positive peak modulation indicator lamp, independent of carrier level
- Adjustable peak modulation indicator, 40 to 130% in less than 1% increments, independent of carrier level
- True peak-reading modulation meter responds accurately to the shortest duration program peaks
- Built-in carrier-off alarm
- Built-in modulation calibrator

Mfg. list \$1,095.00.....CALL FOR BSW PRICE



### Model 844 FM/Stereo Modulation Monitor

Based on TFT's years of engineering experience - with over 5,000 modulation monitors operating world wide - these third generation instruments bring you innovations that solve today's modulation problems, using today's advanced technology. 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 Model 844 FM Monitor combines a tuneable RF preselector, a baseband monitor and a stereo monitor in one compact instrument. State-of-the-art design, for optimum monitor performance, includes the use of linear phase filters, large scale integrated circuits (LSI) and toroidal power transformers to reduce hum and power line noise. Modular PC cards make service and routine calibrations easy, and high quality, industrial grade electronic components and parts are used throughout.

Mfg. list \$4,250.00.....CALL FOR BSW PRICE

### Model FMM-2 FM Modulation Monitor

The FMM-2 sets new standards in accurate FM monitoring - the first to incorporate a sample hold peak modulation meter circuit independent of modulation polarity to allow the meter to respond to program peaks of the shortest duration. The heart of the FMM-2 is an ultra-linear digital discriminator which provides a distortionless baseband signal for accurate monitoring as well as precise stereophonic, and SCA decoding. FMM-2 required with FMS-2 or SCM-1.

#### FMM-2 Mono Modulation Monitor

Mfg. list \$1,350.00.....CALL FOR BSW PRICE

#### FMS-2 Stereo Modulation Monitor

Mfg. list \$1,550.00.....CALL FOR BSW PRICE

#### SCM-1 Subcarrier Modulation Monitor

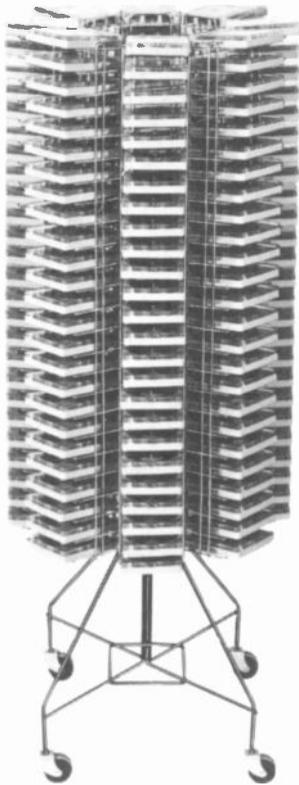
Mfg. list \$1,650.00.....CALL FOR BSW PRICE

*Broadcast Supply is  
the place to buy!*



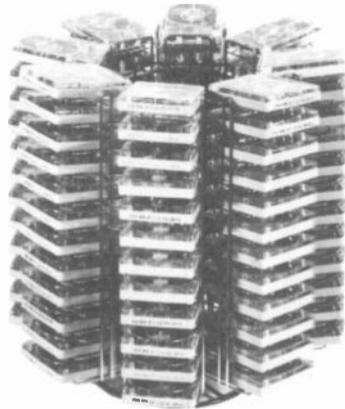


# FIDELIPAC®



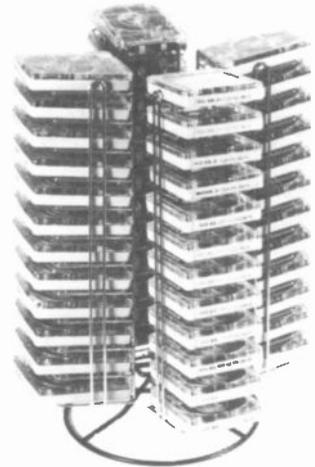
**TR-96 Lazy Susan**  
Holds 96 carts

**BSW PRICE**  
\$162.75



**TR-48 Lazy Susan**  
Holds 48 Carts

**BSW PRICE**  
\$91.00



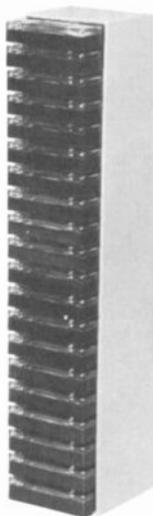
**MR-200**  
Lazy Susan  
Holds 200  
Carts  
**BSW PRICE**  
\$319.00

## ARISTOCART.

**Aristocart AW-20**

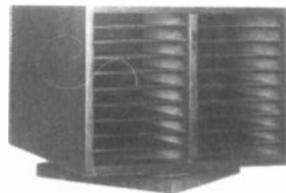
- Holds 20 carts
- High impact polystyrene
- Will not break, rust or mildew
- Lowest per-tray cost
- Great for console or mass wall mounting
- Includes mounting screws

**BSW PRICE.** \$10.95 ea.  
10 or more . . . \$9.75 ea.  
20 or more . . . \$8.95 ea.



## ProRax

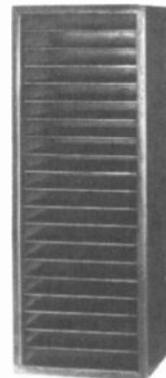
### COMPACT DISC RACKS



**CD-40LS Carousel**

Capacity 40  
Dimensions  
11 1/2"W x 9 1/4"H x 11 3/8"D  
Turning Radius 16"

**BSW PRICE**  
**\$69.95**



**CD-20W Wall or Desk**

Capacity 20  
Dimensions  
6 1/4"W x 16 1/2"H x 4 3/4"D

**BSW PRICE**  
**\$39.95**

*Low Overhead From One Location Means Lower Prices*



# Racks, Cartridge

## ProRax

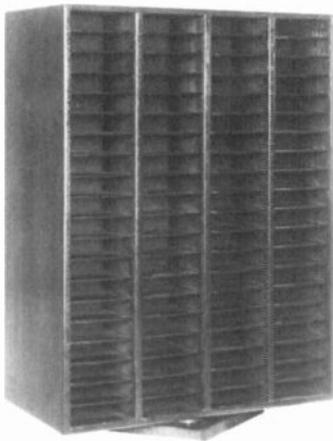
### Wall, Desk & Floor Carousels



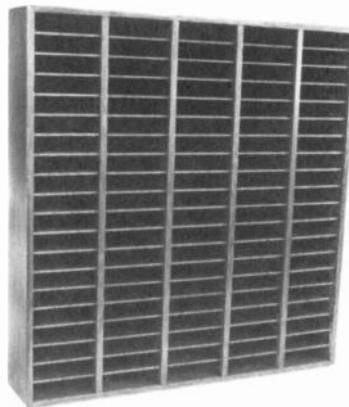
**C-40 Carousel BSW PRICE**  
Capacity 40 **\$67.95**  
Dimensions  
9 5/8"W x 13 3/4"H x 9 1/2"D  
Turning Radius 13 3/8"



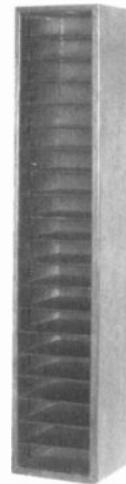
**C-200 Carousel BSW PRICE**  
Capacity 200 **\$244.95**  
Dimensions  
23 1/2"W x 25 1/2"H x 9 3/8"D  
Turning Radius 25"



**C-160 Carousel BSW PRICE**  
Capacity 160 **\$198.95**  
Dimensions  
19"W x 25 1/2"H x 9 3/8"D  
Turning Radius 21"



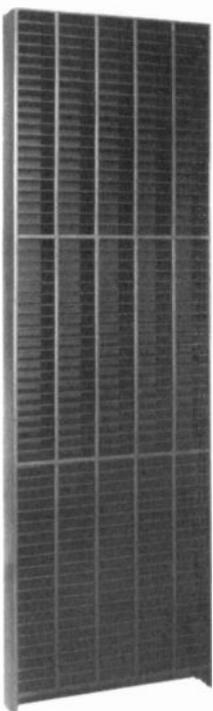
**ProRax 100**  
100 Wall or Desk **BSW PRICE**  
Capacity 100 **\$79.95**  
Dimensions  
23 1/2"W x 24 1/2"H x 4 3/4"D  
4 or more \$74.95



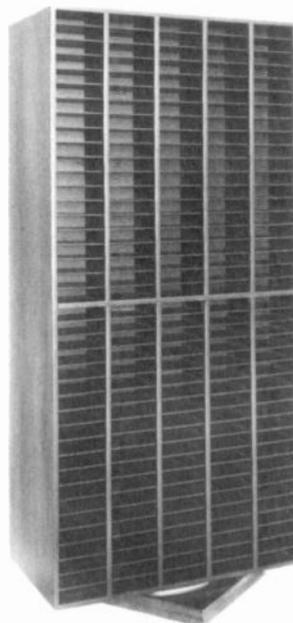
**W-20 Wall BSW PRICE**  
Capacity 20 **\$39.95**  
Dimensions  
5 1/4"W x 24 1/2"H x 4 3/4"D



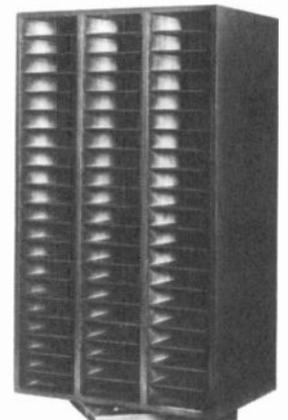
**C-80 Carousel BSW PRICE**  
Capacity 80 **\$98.00**  
Dimensions  
9 5/8"W x 25 1/2"H x 9 1/2"D  
Turning Radius 13 1/2"



**W-300 Wall BSW PRICE**  
Capacity 300 **\$295.00**  
Dimensions  
23 1/2"W x 75 3/4"H x 4 3/4"D



**C-400 Carousel BSW PRICE**  
Capacity 400 **\$489.95**  
Dimensions  
23 1/2"W x 50 3/4"H x 12 3/8"D  
Turning Radius 26 3/8"



**C-120 Carousel BSW PRICE**  
Capacity 120 **\$138.95**  
Dimensions  
14"W x 25 1/2"H x 9 1/2"D  
Turning Radius 17"

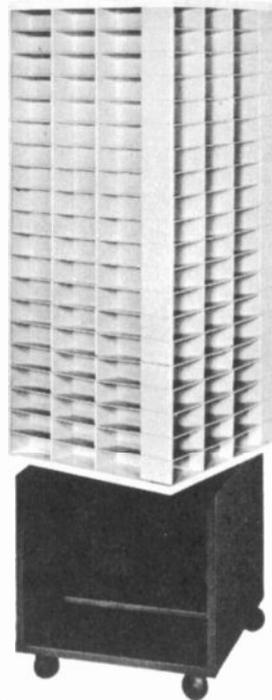


**Carousel File**  
Cartridge Racks

Quality High Impact  
Polystyrene  
Lasts a Lifetime

- Desk top or floor
- Modular construction for add-on expansion
- High-Impact Polystyrene

	BSW PRICE
60 Carts.....	\$105.00
120 Carts.....	\$154.00
240 Carts.....	\$252.00
360 Carts.....	\$346.00
600 Carts with flat base and castors.....	\$564.00
60EX Cart expansion.....	\$49.50
Flat base with castors....	\$49.00
Metal storage base with castors.....	\$124.00

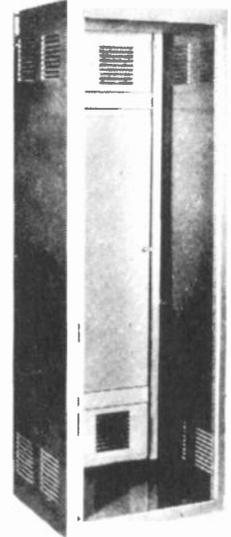


**soundolier**  
Equipment Racks

Welded & Completely  
Assembled

(Specify Color)

	BSW PRICE
Series 100	
WA 100-36''.....	\$231.45
WA 100-42''.....	\$241.34
WA 100-61''.....	\$276.35
WA 100-70''.....	\$308.01
WA 100-77''.....	\$322.85

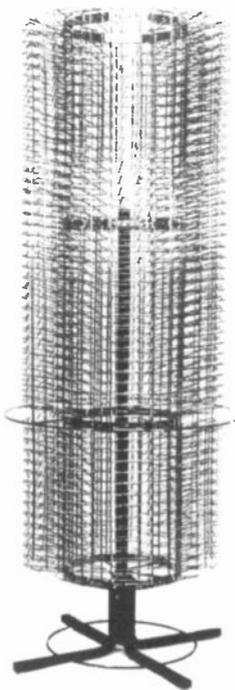


We know... you've seen one rack, you've seen 'em all. Not true with Soundolier. They make Racks which have bright colors, specialized dimensions, and quality features that will bring out the best in your studio and equipment. Call us for your specialized rack needs.

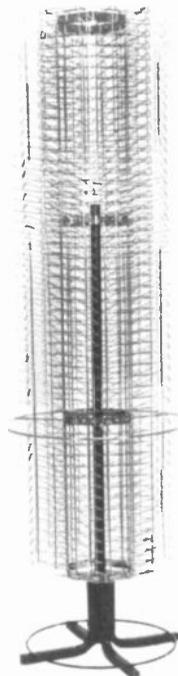
Oh yea, we do sell the basic racks because we know you need them too. They are priced above and shipped to you welded and completely assembled.

**ABCO**

Wire Carts Racks



500



300

Model 300 (Holds 300 Carts)	
BSW PRICE.....	\$342.75
Model 500 (Holds 500 Carts)	
BSW PRICE.....	\$523.75



*One Call Does It All*  
**1-800-426-8434**

**BSW HOURS**

Eastern Time  
9:00AM TO 9:00PM  
Central Time  
8:00AM TO 8:00PM

Mountain Time  
7:00AM TO 7:00PM  
Pacific Time  
6:00AM TO 6:00PM



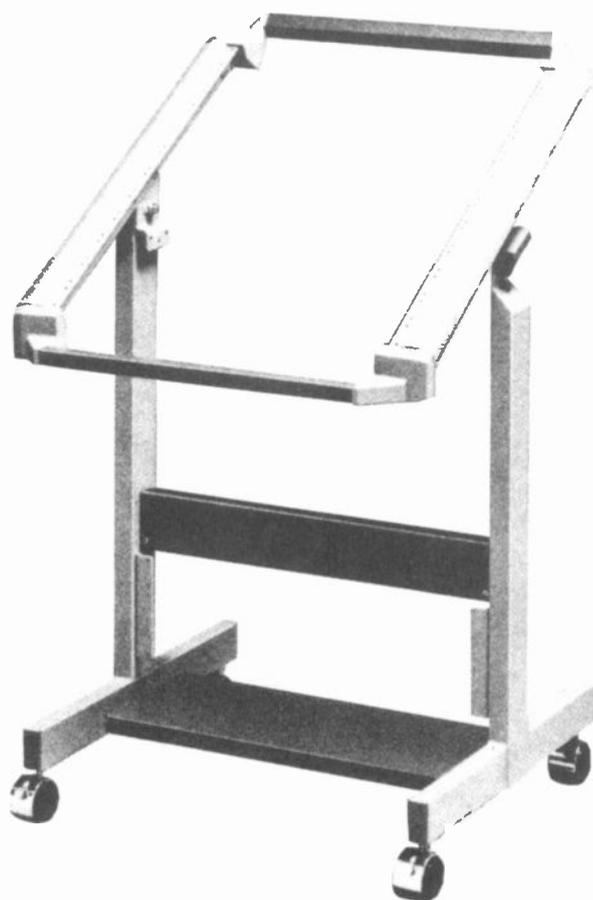
## Racks & Furniture

# TASCAM

FOR PROFESSIONAL USE ONLY



### Roll Around Equipment Rack



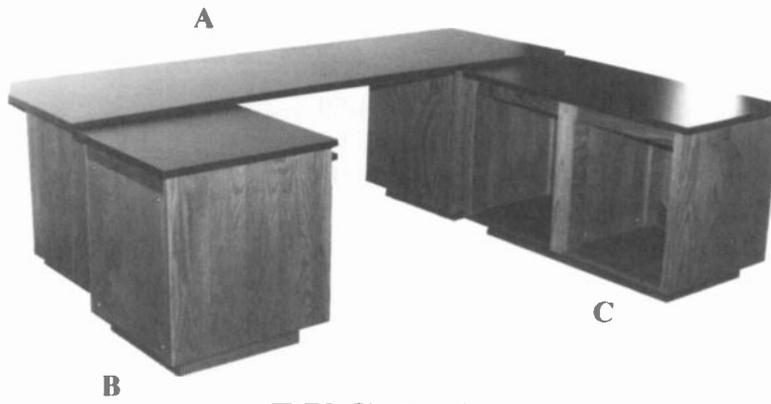
**CS-607B**

#### Roll Around Equipment Rack

Rack-n-roll your equipment with the Tascam CS-607B portable rack. Ideal for engineers and audio professionals on the move. The CS-607B is perfect for mounting reel-to-reel machines. Two large knobs and backing pins allow the rack frame to tilt from vertical to horizontal, so equipment can be placed in the most convenient position for your working environment.

Mfg. list \$349.95.....CALL FOR BSW PRICE

### STUDIO FURNITURE



#### **BXC Series**

Hardwood Plywood Only  
Solid Oak Trim

## *THE HIGH QUALITY STUDIO FURNITURE AT ATTRACTIVE COMPETITIVE PRICES*

#### **A LRP Console Table**

96"W x 30"D Includes Left & Right Pedestals

Mfg. list \$867.00.....CALL FOR BSW PRICE

#### **B SP SINGLE PEDESTAL CABINET**

24"W x 26"D Includes Front Removable Panel

Mfg. list \$389.00.....CALL FOR BSW PRICE

#### **C DP Double Pedestal Cabinet**

48"W x 26"D Includes Front Removable Panels

Mfg. list \$643.00.....CALL FOR BSW PRICE

*One Location  
One Telephone Number  
One Million Dollar  
Inventory*

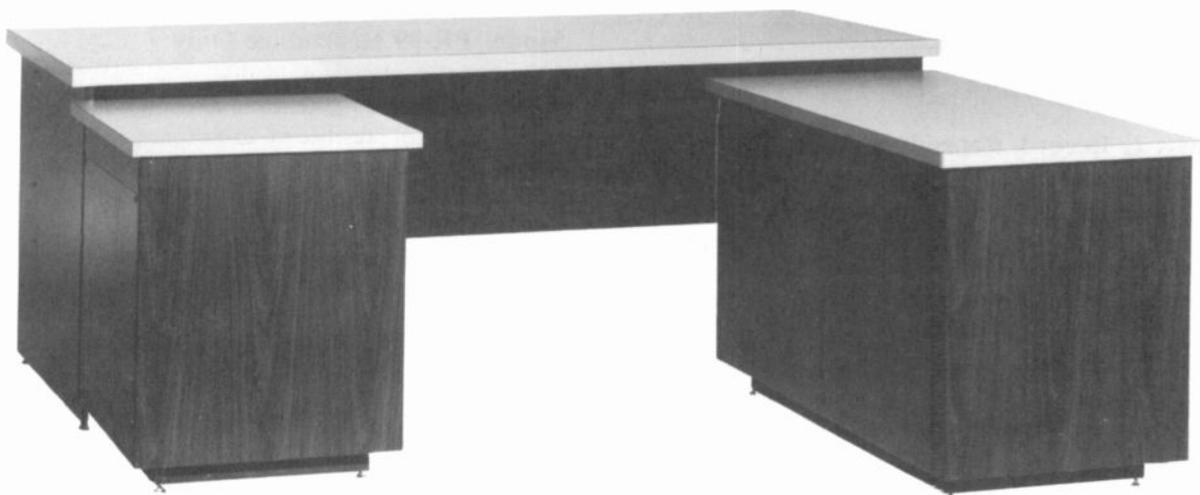


*Means Low Prices  
Outstanding Service  
Toll Free 1-800-426-8434*



# Prodecor

## For A Sharp Functional Control Room



The Prodecor studio line is modestly priced, but offers high quality features such as: drilled and tapped mounting rails inside all access ports of the single and double bay units. The large 30'' x 80'' console table is reinforced construction to eliminate warpage and has a modesty panel for appearance and additional rigidity.

Prodecor is beautiful and functional with Walnut formica side panels and Buff formica tops—A perfect blend for an outstanding studio to be proud of.

## Unmatched Quality At A Pleasing Price

Units can be purchased separately.

**COMPLETE GROUPING ONLY \$1,195.00**

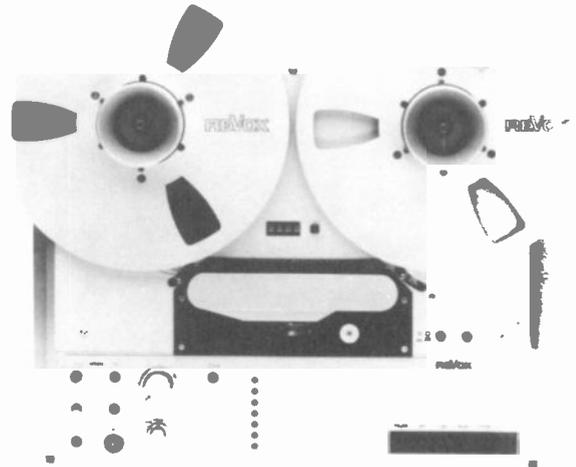


## Reel To Reel Machines

### PR99

# REVOX

### PR99



#### Model PR-99 Reproduce Only

- Ideal for broadcast automation
- 25Hz sensor, filter switchable in or out of circuit
- LED indicates presence of 25Hz tone
- Front access to controls for HF equalization (separate for high and low speeds), repro level, and EOM stop delay time.
- Audio output through XLR or multi-pin connectors
- Status and remote signals available through multi-pin connector.

Mfg. list 1,799.00.....CALL FOR BSW PRICE

#### Model PR-99MK II Record/Reproduce

Studer Revox's PR-99MK II designed for broadcast is a half track recorder with tape locator system. Features include 3-motor transport, varispeed, tape tension switch, tape dump switch and the ability to put either channel in sync. Also, real time counter with resolution to the exact second, zero locate, address locate, and repeat (loop) function.

The Revox PR-99MK II is a versatile, compact, and fully professional audio recorder. It offers a long list of operating features for production flexibility, yet it in no way compromises a commitment to engineering excellence.

**IF YOU CAN FIND  
A BETTER  
MACHINE UNDER  
\$3,000.00**

**BUY IT**

Mfg. list \$2,595.00.....CALL FOR BSW PRICE

**Buy  
Revox For  
Reliability, Simplicity  
and Durability**



#### Model B-77

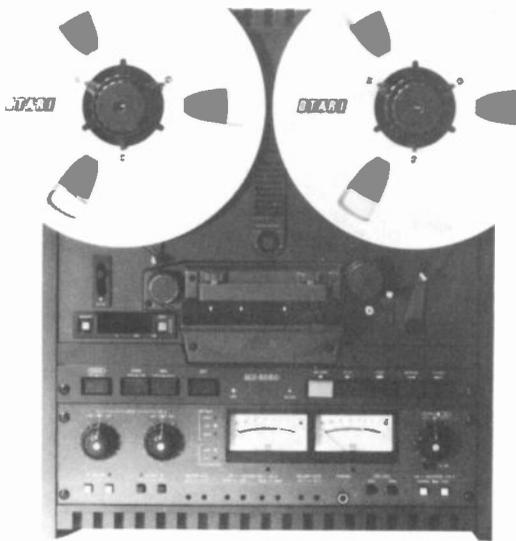
The features you'd expect to find in a high-quality stereo tape recorder.

- Integrated drive logic
- Computer push-point keys
- Easy, precise editing
- Abundant headroom
- Built-in tape cutter
- Absolute tape protection

Mfg. list \$1,999.00.....CALL FOR BSW PRICE



**OTARI**

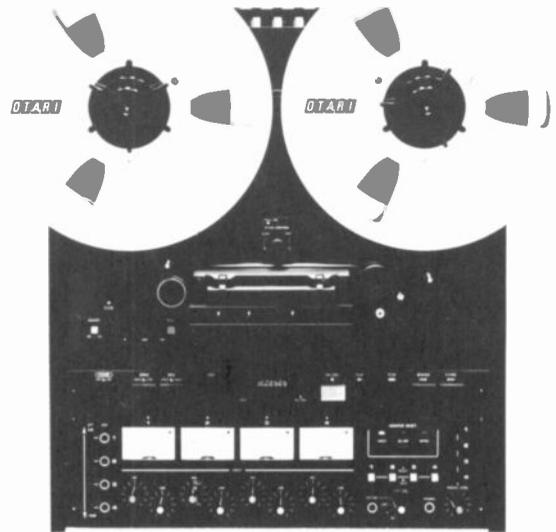


**Model 5050B-II  
1/4" Two Channel Recorder**

Each 5050B-II Incorporates these standard features:

- Plug-in four head design with hinged head cover for easy access.
- Fourth head for 1/4 track stereo playback.
- Reel size capability: 10 1/2"
- Integral tape splicing block.
- Microprocessor-controlled real-time counter with Memory Rewind and L.E.D. display.
- Dump edit control.
- Front panel cue control (tape lifter defeat).
- Built-in test oscillator (1kHz & 10 kHz) and external oscillator input.
- Active, balanced microphone inputs with switchable 20dB pad.
- Active, balanced line inputs and outputs.
- Switchable +4 or -10dBm input and output reference level.
- XLR type input/output and microphone connectors.
- Variable low frequency Reproduce equalization (switch defeatable).
- Switchable NAB/IEC Equalization (rear panel switch) with front panel L.E.D. indicators.

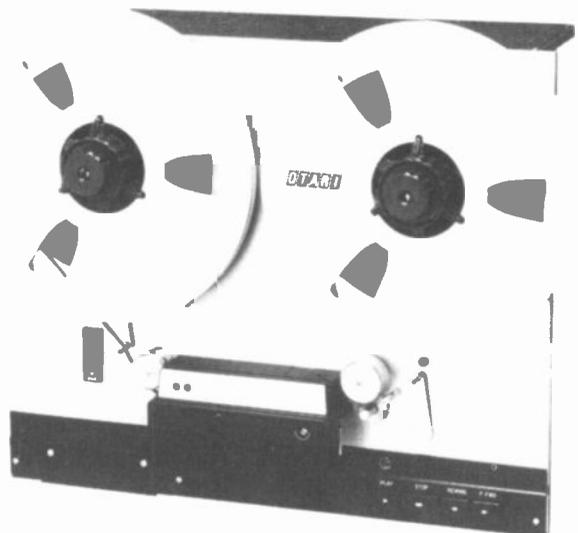
Mfg. list \$2,595.00.....CALL FOR BSW PRICE



**Model MX5050 BQII  
1/4" Four Channel Recorder**

- Designed for recording Studios, Radio-TV Production, Video and A/V facilities.
- Microprocessors provide real time counting with LED display
- Dynamic braking and transport logic

Mfg. list \$3,595.00.....CALL FOR BSW PRICE



**AUTOMATED RADIO  
STATION REPRODUCER**

**Model ARS-1000DC**

- Ruggedly engineered
- Two channel stereo
- 7 1/2 & 3 3/4 IPS
- Excellent performance
- Includes 25Hz sensor

Mfg. list \$1,785.00.....CALL FOR BSW PRICE

**Call BSW  
1-800-426-8434  
In Stock  
Immediate  
Delivery**



## Reel To Reel Machines

# OTARI

*Otari's Mark III series. A complete line of professional audio tape recorder/reproducers for broadcast production, audio post-production and recording studio applications.*



### Mark III/2

Otari's Mark III/2, 4 & 8 recorders, offer the professional a complete range of innovative features and accessories to make any audio recording task easier and more cost effective.

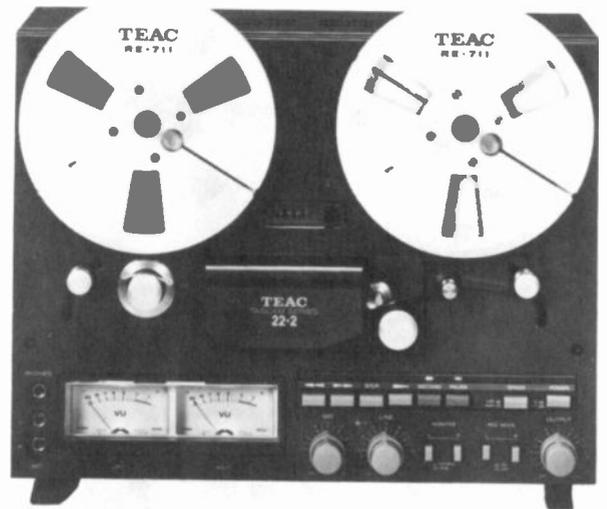
The Mark III/2 1/4" two-channel machine is ideal for recording studio mixdown, as well as for broadcast editing applications. In audio-for-video or film sound production, Otari's optional speed resolver (the EC-401) makes the Mark III/2 the right choice for daily transfer applications using pilot-tone synchronization.

The Mark III/4 provides you with the 1/2" four-channel format which has been the world standard for both audio post-production mixdown and broadcast production—at a great price.

The Mark III/8, 1/2" eight-channel machine offers the recording studio many of the features of Otari's legendary MTR-90, plus performance that rivals 1" eight-channel machines.

- MK III/2**  
Mfg. list \$3,295.00.....CALL FOR BSW PRICE
- MK III/4**  
Mfg. list \$4,795.00.....CALL FOR BSW PRICE
- MK III/8**  
Mfg. list \$5,835.00.....CALL FOR BSW PRICE

## TASCAM FOR PROFESSIONAL USE ONLY



### Tascam Model 22-2 Recorder/Reproducer

- 2 track record/playback
- 7 inch reel capacity
- 7 1/2 - 15 IPS
- Remote pause function
- NAB equalization
- Rack mount available

The Tascam 22-2 is a great reel to reel recorder for use where large reels are not needed. Quality electronics and great tape handling.

Mfg. list \$ 895.00.....CALL FOR BSW PRICE



### Model X-300 2 Channel Recorder/Reproducer

3-motor transport. 3 head reproduction system. Light-touch locking transport controls. Mic/line mixing. Record mute function. Independent left and right output, and line and mic input level controls. Tape/source monitor selector. Front-panel mic and headphone jacks. 1/4 track record/playback.

Frequency response: 30-34 kHz (@ 7-1/2 IPS)

Signal/noise: 65 dB (3% THD)

Wow & flutter: 0.04% (7-1/2 IPS WRMS)

Mfg. list \$620.00.....CALL FOR BSW PRICE



# TASCAM

For Professional Use Only



- SMPTE interlock capability
- 4 & 8 track revisions available
- 1/4" tape
- 10 1/2" reel capacity

### Model 42B Recorder/Reproducer

The 42B is an exceptionally versatile high performance 2 track 2 channel recorder reproducer designed especially for demanding production applications. Extra heavy chassis ensures stable tape motion and alignment for long hours of high speed start/stop shuttling.

Mfg. list \$2,695.00.....CALL FOR BSW PRICE



### Model 32 Recorder/Reproducer

- 2 track record/playback
- 10 1/2" reel capacity
- 7 1/2 - 15 IPS
- Dump edit
- N.A.B. E.Q.
- Pitch control
- Independent record mode L-R
- Full frequency response in sync. mode
- Independent input/output level controls

Mfg. list \$1,495.00.....CALL FOR BSW PRICE



### Model 48L 8 Channel Logger

- 1/4" tape
- 10 1/2" reel capacity
- Tape speed 15/32 IPS
- Over 24 hours continuous recording

The TASCAM 48L is slow speed, logger version of the 48 multi-channel recorder/reproducer. It is designed for long term, multi-channel recording in an industrial, broadcast, or governmental setting. The 48L may be externally controlled for continuous operation by means of a computer, or intermittent operation by means of a voice actuated circuit (VOX) or computer control. Connections for computer or VOX are made at the rear panel 38 pin Accessory Connector.

Mfg. list \$4,995.00.....CALL FOR BSW PRICE



### Model 34B

Now there's cost effective 4 track production. The model 34 has all the features of the model 32 plus two extra tracks!! Full sync. and modular adjustable electronics.

Mfg. list \$1,795.00.....CALL FOR BSW PRICE

### Model 38 - eight track

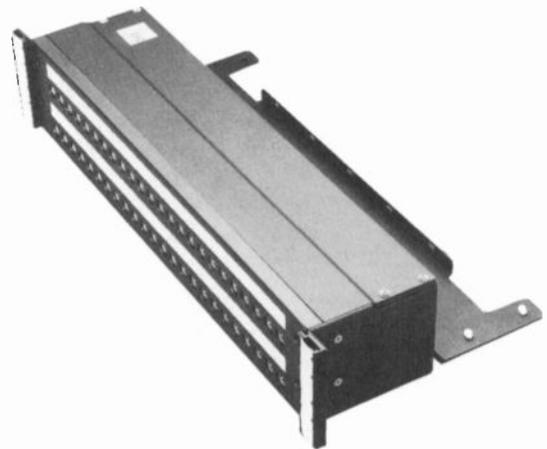
Mfg. list \$2,750.00.....CALL FOR BSW PRICE



## Routing Switchers

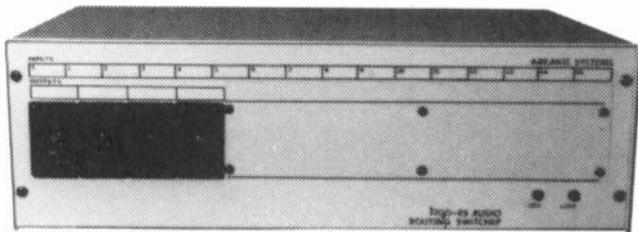
The RS Audio Routing Switcher is the professional alternative to patch panels, mechanical switches, and distribution amps. Ultra-reliable, the power supply is regulated, protected, has a 10 year meantime before failure. LSI integrated circuits reduce parts count to a minimum. All IC's are socketed for ease of replacement. The thumbwheel control switches are 1,000,000 operation. Due to the ultra-reliable design redundant power supplies are unnecessary. These switchers may be used in most critical sections of the audio chain with total confidence.

Routing Switchers perform many applications that are difficult with other technologies. A single audio line with remote control can link a satellite system to a studio. This replaces several DA's and a massive cable bundle. Studios can be linked together and to the transmitters.



Here's a great way to save money...PATCH KIT from ADC.

Patch Kit has many of the features of the BJK MKII Patchbays, but in a package designed specifically for the do-it-yourselfer. Simply add your own cable and an Ultra Patch termination panel (see pg. 79) and you'll have it made. And you'll have made it yourself.



### Model 1100ARSS Routing Switcher

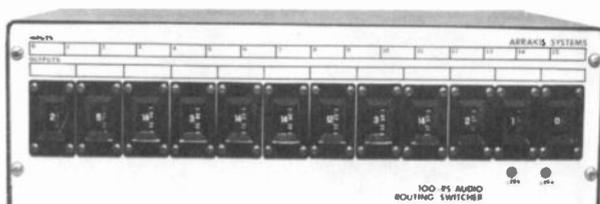
- Control-by four 16 position binary thumbwheels. One per output
- Remote control - 4 bit binary plus enable
- Size - 5 1/4" x 19" rack mount
- 16 in by 4 outputs stereo
- Expandable - yes, in and out

Mfg. list \$995.00.....CALL FOR BSW PRICE

Catalog #	Description
P-KIT-1	1.75" panels with 2 x 24 array of longframe (1/4") jacks
P-KIT-3	3.5" panels with 2 x 24 array of longframe (1/4") jacks
P-KIT-B	1.75" panel with 2 x 48 array of Bantam jacks

Mfg. list \$180.00 ea.....CALL FOR BSW PRICE

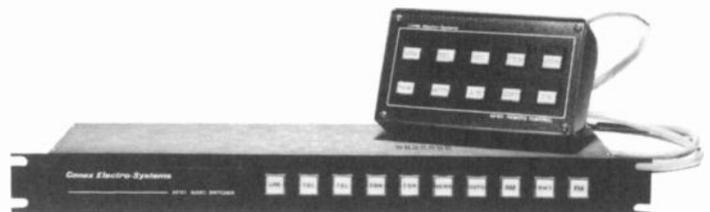
## CONEX ELECTRO SYSTEM Audio Switching System



### Model 100RSM Routing Switcher

- Expandable - more outputs only, no additional inputs
- Control-by twelve 16 position thumbwheels. One per output
- Size - 5 1/4" x 19" rack mount
- 16 in by 12 outputs mono
- Remote control - 4 bit binary

Mfg. list \$1,500.00.....CALL FOR BSW PRICE



### Model AS-101

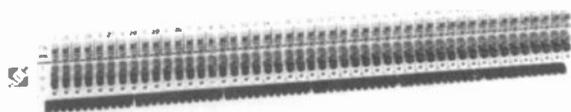
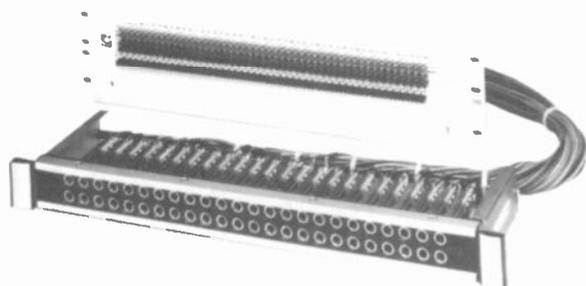
The Conex AS-101 Audio Switcher allows any one of 10 stereo sources to be switched to the stereo output channel. Switching is accomplished by pressing one of the illuminated buttons on the front panel, or remotely, via the remote control connector on the rear panel. Several remote control devices may be connected in parallel, and all will indicate the selected channel.

**AS-101**  
Mfg. list \$895.00.....CALL FOR BSW PRICE  
**AS-401**  
Remote Control (Shown).....CALL FOR BSW PRICE

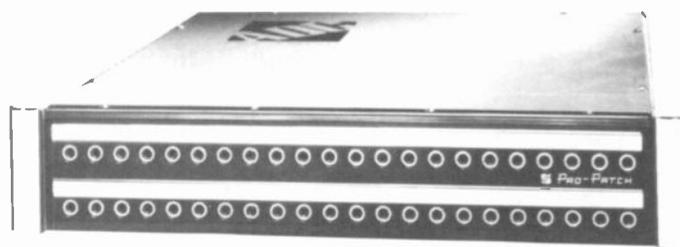


**COMPLETE LINE OF  
PATCH CORDS & ACCESSORIES**

**PRO-PATCH & ULTRA-PATCH  
NEW CONCEPTS IN AUDIO PATCHING**



Ultra-Patch



Pro-Patch

**Pre-Wired Audio Jackfields**

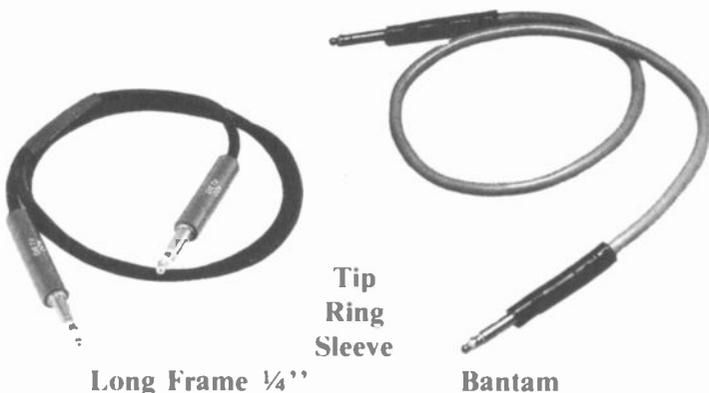
ADC's standard line of audio jackfields features an extensive selection. Choice of jacks, panel size, normalling options, cable length and a variety of terminations combine to give plenty of configurations. Save time, labor and money. Call BSW for your next customized Patch Bay.

**Call For BSW Everyday Low Price**

Pro-Patch™ jackfields and Ultra-Patch™ interconnect panels use ADC's new split cylinder contact which provides a highly reliable, "punchdown" (insulation displacement) method of terminating audio circuits. Pro-Patch jackfields and Ultra-Patch panels completely eliminate wire stripping and allow connections to be established with one swift insertion of a wire termination tool. The color-coded field enables quick, accurate identification of termination points.

**Call For BSW Everyday Low Price**

**PATCH CORDS**



Long Frame 1/4"

Tip  
Ring  
Sleeve

Bantam

**LONG FRAME**

ADC NO	Length	BSW Price
PJ-81	1 Foot	\$12.10
PJ-82	2 Foot	\$12.75
PJ-83	3 Foot	\$13.25

**BANTAM**

PJ-712	12 Inch	\$7.25
PJ-714	24 Inch	\$7.60
PJ-716	36 Inch	\$7.85

**STANDARD JACK PANELS**



**PJ-390**

Includes 52 PJ339 1/4" jacks and reinforcing strips.

Mfg. list \$131.57.....**CALL FOR BSW PRICE**



**PJ-739**

Includes 96 PJ839 Bantam jacks. Designation cards and windows included.

Mfg. list \$199.39.....**CALL FOR BSW PRICE**



## Speakers



### JBL's NEW Generation of Studio Monitors

#### 4406 Studio Monitor

The 2-way 6-inch Model 4406 monitor is ideal for console or close-in listening. The low-distortion 6" (170 mm) woofer is composed of a filled polypropylene material which provides both high internal damping and excellent structural integrity.

Mfg. list.....\$180.00 ea.  
**CALL FOR BSW PRICE**



#### 4410 Studio Monitor

The powerful 3-way 10-inch Model 4410 features a vertical line array that gives maximum spatial detail at greater listening distances. The special laminated high polymer composite 10" (250 mm) woofer has outstanding power handling capabilities, delivering extraordinary punch and fidelity.

Mfg. list.....\$357.00 ea.  
**CALL FOR BSW PRICE**

#### 4408 Studio Monitor

JBL's 2-way 8-inch Model 4408 is an ideal choice for broadcast and general monitoring applications. The low-distortion 8" (200 mm) composite woofer gives maximum stiffness, mass, and internal damping, for superior reproduction of both speech and music.

Mfg. list.....\$225.00 ea.  
**CALL FOR BSW PRICE**



#### 4412 Studio Monitor

The 3-way 12-inch Model 4412 is highlighted by an ultra-large, ultra-precise 12" (300 mm) laminate composite woofer. Its tight-cluster arrangement and superior power-efficiency make it the ultimate monitor for close-in listening. The mid-range element and larger woofer allow for greater power handling, increased sensitivity, and extended bandwidth.

Mfg. list.....\$549.00 ea.  
**CALL FOR BSW PRICE**

## AURATONE

### Recording Monitors For The Real World



#### Model 5C

Super Sound Cube, known the world over for its outstanding reproductive qualities.

Mfg. list \$105.00 pr.....**CALL FOR BSW PRICE**

#### RACK MOUNTABLE



#### Model 5MC

#### Three Channel Broadcast Monitor

Mix down monitors contained in three compartments ultra compact enclosure.

Mfg. list \$165.00 ea.....**CALL FOR BSW PRICE**  
**RM525 Rack Mount Kit..... BSW PRICE \$10.00**

## EV ElectroVoice



#### Sentry 100A For Tight Spaces

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 45-18,000 Hz frequency response with 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 With An Integral Power Amplifier

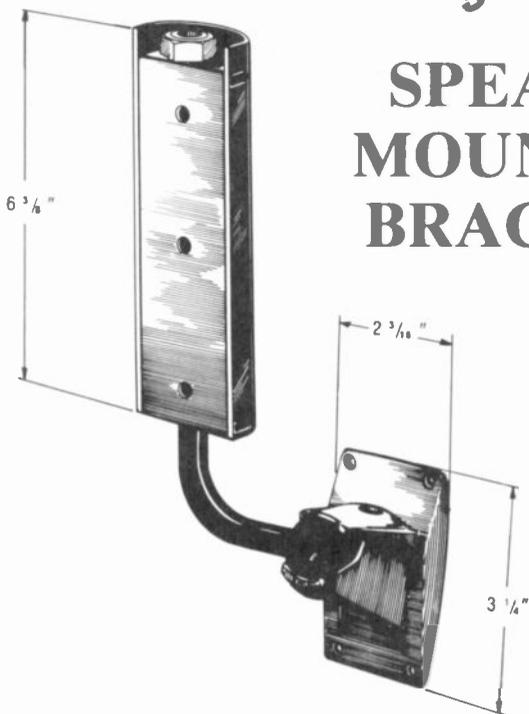
The Sentry 100EL combines the reproduction components of the Sentry 100A with an integral high-performance 50 watt power amplifier that's perfectly matched to the requirements of the speaker system.

**Sentry 100A**  
Mfg. list \$255.00 ea.....**CALL FOR BSW PRICE**

**Sentry 100EL**  
Mfg. list \$524.00 ea.....**CALL FOR BSW PRICE**



### 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 Omnimounts for you.

**Model 100WA (Shown)**

Mfg. list \$69.95 ea.....BSW PRICE \$63.95 ea.

**NOBODY**  
Offers Better  
Service Or Prices  
**NOBODY**

And  
We're As Close  
As Your Telephone

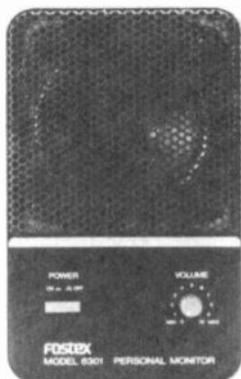
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**1-800-426-8434**



U \* S \* A



### POWERED MONITOR SPEAKER



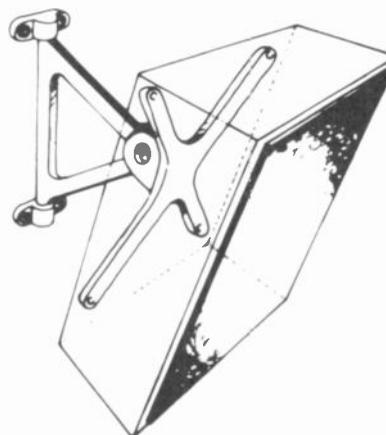
**Model 6301B**  
**With 20 Watt Amplifier**

The 6301B is completely self-contained. The sound is delivered from a full-range speaker that's surprisingly flat and accurate.

You get a frequency response of 80Hz-13KHz, which makes the 6301B an ideal reference when you're producing music, radio spots or audio-visual sound tracks.

The built-in 10 watt (RMS, into 8 ohms) amplifier will handle anything you feed it. The 6301B's input has been designed to accept any line or instrument-level input, even from an amplifier. There's no confusion. Just one 1/4" phone jack to deal with.

Mfg. list \$320.00 Pr.....CALL FOR BSW PRICE



**STRONG**  
**ELEGANT**  
**SPACE SAVER**  
Holds up to 110 lbs.

**Model PU Speaker Mounting Brackets**

**Construction:** High grade sobel aluminum

**Finish:** Durable nylon in matte black

Mounting screws included

**BSW PRICE.....\$69.50 Pr.**



## Studio Transmitter Link

# GENTNER

RF PRODUCTS DIVISION

### Remote Control From Anywhere...



#### VRC-1000

##### Voice Remote Control

With the adoption of FCC Docket 84-110, remote control of broadcast transmitters has been freed from the previous cumbersome requirements. Transmitters may now be remotely controlled from any location, using standard dial-up telephone lines.

The VRC-1000 Voice Remote Control operates on the dial-up telephone system to allow you the freedom of remote control from anywhere. You communicate with the VRC-1000 by listening to its synthesized voice and commanding it with a Touch-Tone® (DTMF) key pad or portable automatic dialer.

Mfg. list \$2,795.00.....CALL FOR BSW PRICE

### USE THE VRC-1000 FOR-

- MAIN TRANSMITTER REMOTE CONTROL
- FULL AUTOMATIC TRANSMISSION SYSTEM (ATS) OPERATION
- BACKUP TRANSMITTER REMOTE CONTROL
- ENG REMOTE CONTROL
- MICROWAVE REMOTE SUPERVISION
- MACHINE REMOTE CONTROL
- LAND MOBILE REPEATER REMOTE CONTROL
- PAGING TRANSMITTER REMOTE CONTROL
- LOW POWER TV REMOTE CONTROL
- ALMOST ANY REMOTE CONTROL OR REMOTE SUPERVISORY NEED

**CALL BSW FOR ALL THE EXCITING DETAILS ON THE VRC-1000**

## ADVANCED MICRO DYNAMICS



#### Model TC-8 Remote Control

Advanced Micro-Dynamics has introduced the TC-8, a full-featured remote control system.

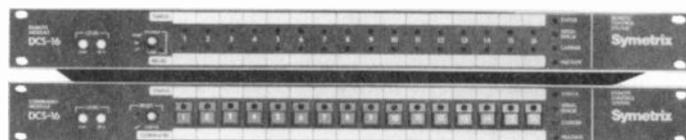
Status inputs accept 5 to 28 V signals and metering channels accept inputs of either polarity from 0.25 to 4 V, ensuring easy interface with all broadcast equipment. Status LEDs and the large dot-matrix metering display can be read from across the room.

The TC-8 requires only 1 3/4" of rack space and provides 8 metering channels, 8 status inputs and 8 pair of control outputs. Studio and transmitter units communicate via telco loops or STL/SCA subcarriers. Specify which you prefer at time of ordering.

CRT display, logging, and fully automatic operation is possible using the optional RS-232 interface.

Mfg. list \$2,195.00.....CALL FOR BSW PRICE

## Symetrix



#### Model DCS-16 Remote Control System

The DCS-16 incorporates features presently available only in very expensive remote control systems, yet the DCS-16 system is compact, extremely reliable and low cost. Many of the advanced performance features of the DCS-16 are made possible through the use of microprocessors as the main control and logic elements of both the Remote and Command Modules.

Some but certainly not all of the applications of the DCS-16 include: ENG microwave antenna switching, remote VCR/VTR/ATR control and tally, STL/TSL switching and status monitoring, AM/FM/TV/LPTV transmitter control and status indication with failsafe, and remote audio or video router control and status. You can also use the DCS-16 to update your existing control system with additional command and status lines and failsafe capabilities.

Mfg. list \$1,750.00.....CALL FOR BSW PRICE

*One Location  
One Telephone Number  
One Million Dollar  
Inventory*

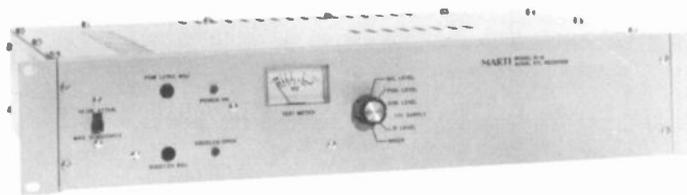


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# MARTI

**Aural Broadcast  
Studio - Transmitter Links  
Intercity Relay**

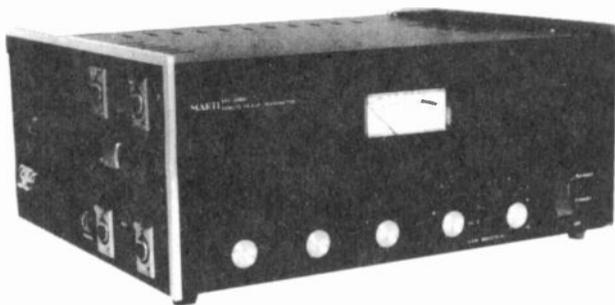


**Model STL-10 Transmitter/Receiver**

Marti beats the high-priced competition. Compare the Marti STL-10 system with others—Distortion less than 0.25%, Response  $\pm 0.25$  db, Noise—75 db, Crosstalk—72 db, 60 db signal to noise ratio with only 14uV signal, dual channel reliability and simplicity. Compare Performance, Price and Reliability. Save hundreds - even thousands of dollars with a Marti STL-10 System.

**Call For BSW Price  
Prices Based Upon Configuration**

**Remote Pickup Systems**



**Model RPT-25**

Models RPT-25 and RPT-40 RPU Transmitters provide uncompromised performance in portable and mobile remote broadcast service.

**Features:**

- RPT-25 Type accepted for all UHF RPU channels (25 Watts continuous output.)
- RPT-40 Type accepted for all VHF RPU channels (40 watts continuous output.)
- Four audio inputs with mixing type controls
- Built-in FM Compressor-Limiter
- Built-in AC supply or external DC
- Optional encoder and dual frequency
- Built-in metering

	Mfg. list Single Freq.	Mfg. list Dual Freq.
RPT-25	\$1,795.00	\$1,970.00
RPT-40	\$1,595.00	\$1,770.00

**CALL FOR BSW PRICE**



**Model RPT-2 Series  
HAND-CARRIED PORTABLE  
Model RPT-2 Transmitter  
2.5 watts continuous output  
BROADCAST QUALITY**

**The RPT-2 has these features:**

- 3-way power option
- Internal ni-cad battery
- Internal charger and AC supply
- Type accepted on all VHF-UHF RPU channels
- Dual frequency provision
- Sub-audible encoder
- Built-in metering
- FM Compressor-Limiter
- Mixing mic and line inputs

**CALL FOR BSW PRICE  
PRICE BASED ON CONFIGURATION**



*One Call Does It All*  
**1-800-426-8434**

**BSW HOURS**

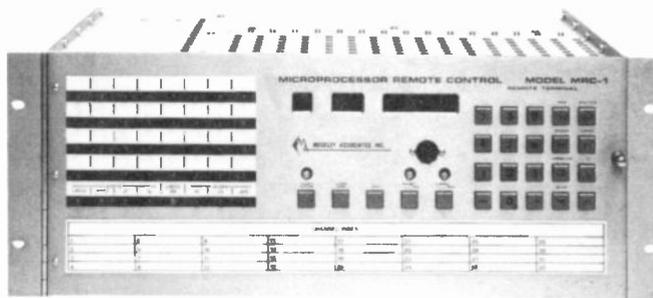
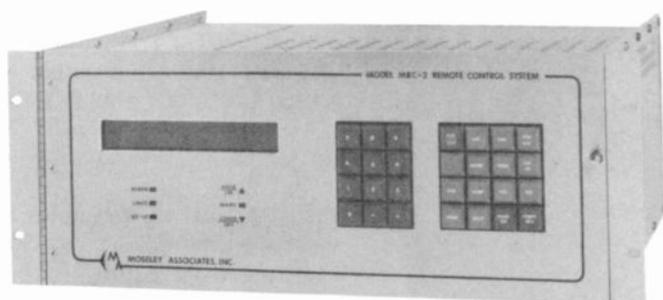
Eastern Time  
9:00AM TO 9:00PM  
Central Time  
8:00AM TO 8:00PM

Mountain Time  
7:00AM TO 7:00PM  
Pacific Time  
6:00AM TO 6:00PM



# Studio Transmitter Link

## Moseley



### The Moseley MRC-2 Commander in Chief

More and more, broadcasters are issuing *executive commands* through their MRC-2 Microprocessor Remote Control.

#### Multi-site, Multi-function

The MRC-2 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. Dual tolerance limits can be set to prevent a telemetry parameter from reaching critical levels. Choose from 6 modes in which to calibrate telemetry inputs, and set status inputs to initiate alarms or events on rising or falling waveforms, or both.

#### Control Options

Optional Automatic Loggers provide a printed record of system operation, and CRT terminals display your data in plain language. An optional ACU-1 Automatic Control Unit automates your operation by issuing programmable time and feedback-actuated sequences of commands without operator assistance. Add Multiple Direct Command and Multiple Status Display options for streamlined operator interface.

PRICES BASED ON CONFIGURATION

### MRC 1600 Simply Sophisticated

It's the middle of AM drive time when the call comes. Your highest-priced talent has an alarm and can't read the meter on the remote control.

Is it one volt or ten? Five thousand watts or fifty? The MRC 1600 gives you digital simplicity with real numbers and units of measurements that even Harry-in-the-morning can read. The optional CRT delivers keyboard control of the transmitter with simultaneous display of all status and telemetry data. Automatic Logging is available for a printed record of station operation, in case Harry never calls at all.

With a full 16 status, 16 telemetry and 32 command channels, the MRC-1600 is not only simple, but sophisticated. Solve your remote control problems today.

Mfg. list \$4,595.00.....CALL FOR BSW PRICE

### MRC-1 Creative Control

No two stations are exactly alike, and neither are their remote control needs. The MRC-1 Microprocessor Remote Control is easily tailored to your specific application, be it for radio, TV or earth satellite transmitter control, to keep your system running at the peak efficiency you expect.

#### Customized Setup

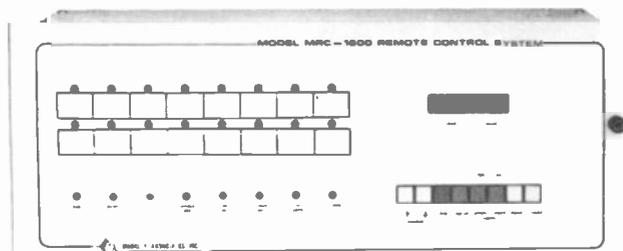
The MRC-1 lets you control up to 9 remote sites, using as many as 32 status, 32 telemetry and 64 command channels at each site. Program your own specifications easily during setup—all calibrated by one operator from the Remote Terminal keyboard.

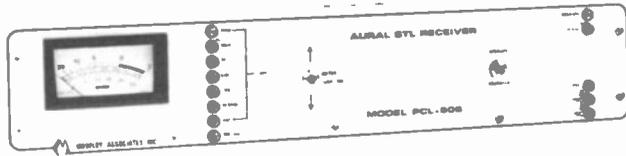
#### Specify Your Options

The optional Moseley Memory protects your set-ups for up to 10 years in the event of an extended shutdown. An optional Logger records status and telemetry data, while the CRT provides a plain-language display of all status and telemetry inputs from any site and duplicates all MRC-1 command functions from the keyboard. Field-proven for reliability and performance, the MRC-1 lets you create control where you need it.

PRICES BASED ON CONFIGURATION

## Moseley Associates, Inc.





## PCL-606/C STL Totally Transparent

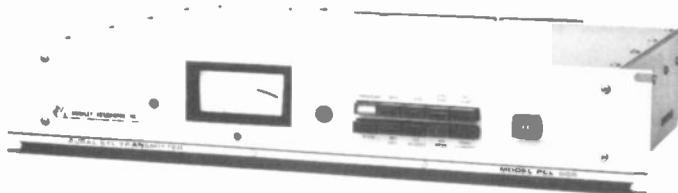
You're scrupulous about quality. You're running compact discs mastered on digital equipment. You've bought the best console you can afford. Your processing plant is as clean as a whistle. Don't compromise now! Deliver your signal with the only STL that's totally transparent. The composite stereo PCL-606/C or the mono PCL-606. Find out why Moseley STL's out sell all others. 300 mHz to 960 mHz.

<b>Frequency Response</b>	Composite: $\pm 0.1$ dB or better 30 Hz to 53 kHz, $\pm 0.3$ dB or better 53 kHz to 73 kHz
<b>THD &amp; IMD Distortion: Narrow (Wide) I.F. Filter</b>	0.3% (0.2%) or less 30 Hz to 53 kHz, typically better than 0.1% (0.7%) at 1 kHz
<b>Stereo Separation</b>	48 dB or better, 50 Hz to 15kHz (typically 50 dB or better)
<b>Nonlinear Crosstalk, Subchannel to Main-channel, Mainchannel to Subchannel: Narrow (Wide) to I.F. Filter</b>	50 dB (54 dB) or better
<b>Signal-to-Noise Ratio</b>	72 dB or better (typically 75 dB) below 100% modulation, demod- ulated, de-emphasized left or right

**PCL-606/C Transmitter & Receiver**  
Mfg. list \$9,995.00.....CALL FOR BSW PRICE

**PCL-606/C Transmitter Only**  
Mfg. list \$5,595.00.....CALL FOR BSW PRICE

**PCL-606/C Receiver Only**  
Mfg. list \$5,695.00.....CALL FOR BSW PRICE



## Model PCL-505/C Aural STL

The Model PCL-505/C utilizes state-of-the-art stripline techniques and direct FM for completely dependable performance. Solid-state integrated circuitry and continuous-duty design provide ease of operation and maintenance. The PCL-505/C carries composite stereo on a single RF carrier with an automatic transfer panel for standby stereo.

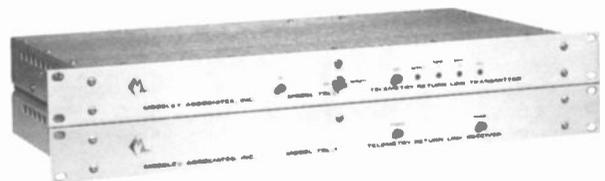
Mfg. list \$6,995.00.....CALL FOR BSW PRICE

## Model PCL-101 STL

Designed for continuous service, the PCL-101 provides high quality audio performance. The PCL-101 STL is ideally suitable for AM and shortwave broadcasters. Two Model PCL-101 systems operated in the "split channel" method are ideally suitable for AM stereo service.

**148-470 MHZ**  
Mfg. list \$5,995.00.....CALL FOR BSW PRICE

**890-960 MHZ**  
Mfg. list \$6,335.00.....CALL FOR BSW PRICE



## Model TRL-1 Telemetry Return Link

The Model TRL-1 Telemetry Return Link allows you to transmit telemetry or control data to or from your control point on the 450MHz band. The TRL-1 receiver and transmitter characteristics have been optimally selected for continuous duty and unattended service. A separate MIC input for voice communication is provided.

Mfg. list \$3,795.00.....CALL FOR BSW PRICE  
**MCW IDENTIFIER MODULE**

Mfg. list \$275.00.....CALL FOR BSW PRICE



## Model SCG-8 Multiplex FM Subcarrier Generator

SCG-8 Subcarrier Generator, with automatic muting and front-panel peak-deviation meter, including self-contained power supply. Available for operation at any standard frequency in the 26kHz to 185kHz spectrum. Specify operating frequency when ordering.

Mfg. list \$995.00.....CALL FOR BSW PRICE



## Model SCD-8 Multiplex FM Subcarrier Demodulator

Model SCD-8 Multiplex FM Subcarrier Demodulator was developed as a companion to the SCG-8 Generator. Frontpanel peak deviation, automatic muting, self contained power supply, meter, all electronic squelch, and audio low-pass filter are standard equipment. Operating frequency easily changed with plug-in filters from 26kHz to 185kHz spectrum.

Mfg. list \$995.00.....CALL FOR BSW PRICE



# Telephone Equipment



## ASK ABOUT FREE 10 DAY TRIAL

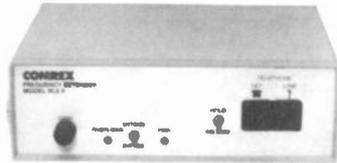
### Frequency Extenders

The Comrex Frequency Extender is an encode/decode system which restores the low frequency response of dial telephone, microwave, satellite and cable circuits. In addition, the extender provides a remarkable reduction in the low frequency noises often found on common carrier circuits.



#### PLX-II Encoder

The PLX-II is designed to operate from the output of a Shure M67 or similar remote mixer where program levels will be controlled at the mixer. Modular jacks are provided on the PLX-II for connection to the telephone line and a telephone set. Telephone line interface circuitry is built into the PLX-II for holding the line.



#### RLX-II Decoder

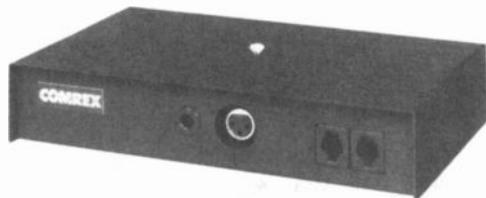
The RLX-II is a desk top decoder with a built-in telephone coupler. It is compatible with all models of Comrex Frequency Extender single line encoders. The EXTEND/BYPASS switch allows the RLX-II to be used as a general purpose telephone coupler for incoming telephone feeds.

#### PLX-II

Mfg. list \$995.00.....CALL FOR BSW PRICE

#### RLX-II

Mfg. list \$1,275.00.....CALL FOR BSW PRICE



#### Model TCB-2A

#### Auto Answer Coupler For Telephones

It's easy to put your audio on the phone with the new 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.

Mfg. list \$215.00.....CALL FOR BSW PRICE

Model PS14203 Power Supply....BSW PRICE \$9.75



#### Model TCB-1A Broadcast Telephone Coupler

The Comrex Model TCB-1A Broadcast Coupler is designed for use by radio and television broadcasters as a means of sending and receiving program material via the switched telephone network. The unit is connected with modular plugs and requires no external power. The TCB-1A contains an FCC registered protective voice coupler which provides longitudinal impedance balance, isolation from hazardous voltages and currents, and includes an active circuit to hold the telephone line. 1/4 inch jack provides line level input.

Mfg. list \$115.00.....CALL FOR BSW PRICE

## FREQUENCY EXTENDER

LX-T ENCODER LX-R DECODER



LX-T Encoder



LX-R Decoder

At last, you can deliver Broadcast quality programs over standard telephone lines for less than

**\$1,000.00**

for the entire system.

Your remote broadcasts will sound so much better and you will not have to pay the expense of broadcast loops any longer! Comrex Frequency Extenders dramatically improve *Standard Dial Up* telephone lines. Comrex restores low end frequencies and eliminates extensive noise that creates listener fatigue. You have to hear it to believe it! Call us toll free and we will send you a free demo tape. 1-800-426-8434

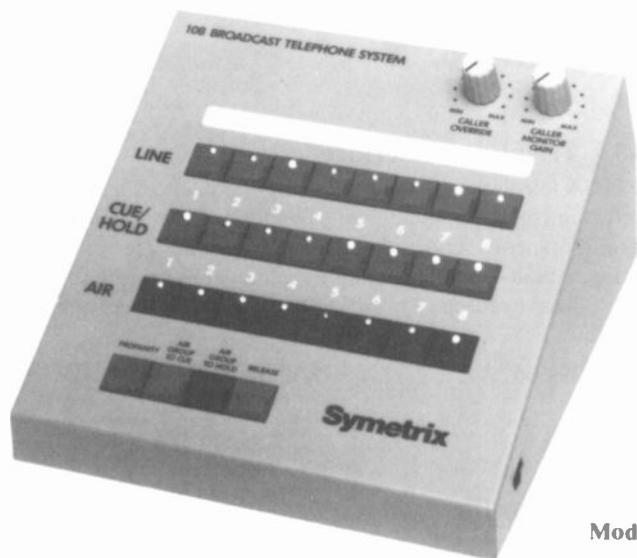
CALL FOR BSW PRICE



# Symetrix

# Symetrix

## Broadcast Telephone System



Model 108

Designed Specifically for Broadcast—Outperforms all other telephone interfaces on the market today.

If listener involvement is a part of your format you need a multi-line telephone interface specifically designed for broadcast. The Symetrix Model 104 Four-line Interface and Model 108 Eight-line Interface (108 remote console shown here) connect your on-air or production consoles directly to incoming phone lines. Sophisticated 104/108 firmware makes system operation simple and fool-proof. Consider these important advantages: **FCC certified** for direct connection to incoming phone lines via standard RJ-11 (modular) connectors. **Loop current detectors** assure no dial-tone on air; if a caller abandons he is automatically released. **Stand alone operation** - the 104 and 108 are complete electronic phone systems and require no additional telco equipment to operate. **Caller conferencing** - up to six callers on air at once with the 108, four callers with the 104. **Call director option** - the 108 system supports the addition of a second remote console specifically programmed for off-air call handling. **Plus**, additional system features too numerous to list. Please call or write for the complete 104/108 system brochure.

Model 108 - 8 Lines.....Mfg. list \$2,650.00

Model 104 - 4 Lines.....Mfg. list \$1,450.00



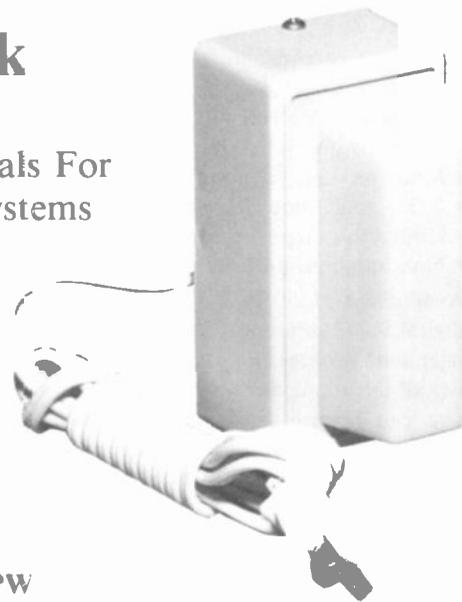
### Model TI-101 Telephone Interface

The Symetrix TI-101 Telephone Interface is the most practical, yet economical device on the market today designed specifically for the connection of professional audio equipment to telephone lines in broadcast and production operations. The TI-101 employs a carefully engineered electronic hybrid circuit which creates a maximum trans-hybrid loss, yielding effective isolation between your studio's send to the telephone line, and your caller return signal. Your net result is clear, intelligible telephone audio which helps you keep pace with today's rapid improvements in AM, FM, and TV audio.

Mfg. list \$495.00.....CALL FOR BSW PRICE

## Wheelock

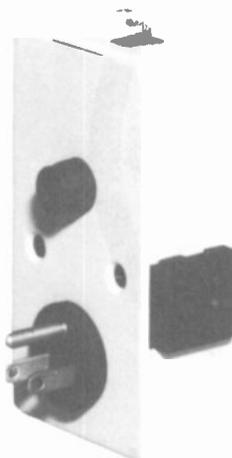
### Auxiliary Signals For Telephone Systems



### Model PS11 AWPW Telephone Strobe Signal

Compact Teletrobe signals emit high intensity flashing light when the telephone rings. Ideal for broadcast studios.

Mfg. list \$58.00.....CALL FOR BSW PRICE



### Model PR-11A-W Telephone Relays

Wheelock offers a wide variety of relays for most common telephone ringing applications. Designed for insertion in standard AC receptacles, it can actuate any 115 VAC device up to five amps rated current during on-time of the telephone ring cycle.

Mfg. list.....\$63.00  
CALL FOR BSW PRICE

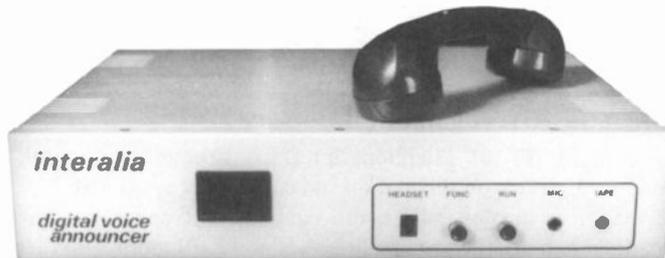
*Call For  
The BSW Price  
There's Nothing  
Like it*



## Telephone Equipment



**GENTNER**  
ENGINEERING COMPANY, INC.



### DIGITAL VOICE ANNOUNCER

- ★ SPORTS LINE ★ WEATHER LINE
- ★ CONCERT LINE

- Works with any telephone system
- Replaces cart machines or other tape devices
- Frequency response same as phone line (3dB band width: 130Hz to 3.5 KHz)
- Single or multiple line
- Multi message capability
- 100% solid state - no moving parts (maintenance free)
- Update messages instantaneously (from any telephone)
- Non barge-in, all lines receive message from beginning.

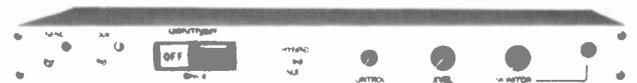
Available exclusively from Broadcast Supply West. The Interalia digital voice announcer is far less expensive than cart machines for telephone services. Extremely high quality and features galore. Use for all telephone answering purposes. With remote control option, you can record messages from anywhere! Perfect for updating messages from home or the field. Call BSW toll free at 1-800-426-8434 for all the exciting details and live demonstration. Prices start as low as \$995.00.



### SPH-3A Telephone Interface

The SPH-3A telephone system provides an easy, inexpensive method of interfacing your equipment with a telephone system. The SPH-3A permits simultaneous send and receive audio (full duplex operation); in addition, a built-in monitor amplifier eliminates the need for guests or talent to wear headsets. The SPH-3A is simple to install and is fully removable.

Mfg. list \$499.00.....CALL FOR BSW PRICE



### SPH-4 Telephone Interface

The Gentner SPH-4 telephone system incorporates a variety of features to give you clean, clear telephone audio for a variety of uses. The unique "caller control" reduces the caller's level when talent is speaking (continuously adjustable); switching transients are suppressed on-connection to provide a clean on-air sound. Computer-designed equalization assures best hybrid performance.

Mfg. list \$699.00.....CALL FOR BSW PRICE

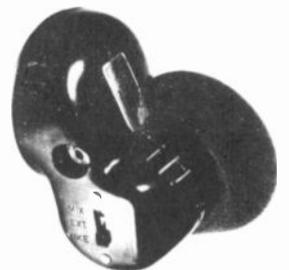


## VOICE ACT III

from **SOUND AMERICA** CORPORATION

**Better  
Faster  
Telephone  
Communications**

- For field or studio phone
- Transmit any electronic source over phone
- Uses no batteries
- Installs in seconds
- Select MIC or EXTERNAL or mix both
- Frequency compensated amplifier gives wider response
- May be left permanently on phone
- Maintain instantaneous 2-way contact while feeding



**Western Electric.....BSW PRICE \$84.90**  
**GTE.....BSW PRICE \$90.90**  
Price includes case.



**NEW** **RADIX**

**Telephone Line Mixer With Peak Reading LED & Low Battery Indicator**



*Sterling Performance*

**Model TLM-500**

RADIX does it again with the all new telephone line mixer that includes peak reading LED and low battery indicator. The TLM-500 is perfect for sporting events and field news reporting.

- Microphone and aux input level pots allow field mixing of 2 sources for transmission over standard phone line or dedicated loop.
- XLR microphone connection.
- Allows remote monitor of studio talkback or external receiver input.
- Replaces telephone handset.

When you ask for Radix you are assured of sterling performance. Call toll free 1-800-426-8434.

Mfg. list \$215.00.....CALL FOR BSW PRICE



**Microtel-1**

- 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

Gentner Engineering's Microtel is a portable, battery operated telephone interface that may be used for a wide variety of applications. In its typical application, Microtel replaces the handset 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.

Mfg. list \$199.00.....CALL FOR BSW PRICE

**AUDIOLAB**



**Model AT1200 Studio Timer**

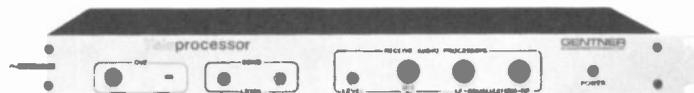
Event timer provides automatic 3-way operation. Timing starts & stops from any audio source-panel pushbuttons-remote contacts or pulse.

- Interface with any audio source
- Automatic switching from auto to manual operation
- Interface one or more sources for start-stop reset operation
- Minutes/seconds mode displays up to 10 minutes. Hours/minutes shows elapsed time to 24 hours.
- Dimensions 4 1/8" x 3" x 2"
- Rackmountable (4 timers)

Mfg. list \$162.00.....CALL FOR BSW PRICE



**TELEPROCESSOR**  
Telephone Audio Processor



Gentner's new TELEPROCESSOR improves the sound of ANY telephone system. Use in conjunction with telephone hybrids, frequency extenders or other interface equipment to enhance your telephone audio.

- **Complements any telephone system.** Use with existing hybrid equipment or add to new equipment to further improve phone audio.
- **Use with frequency extenders** to achieve best possible phone line audio.
- **Maintains average send level to caller.** This allows you to reduce the send level of your hybrid equipment, thus improving the hybrid null.
- **Low and high band EQ adjustments.** Maximize sound of each phone line; reduce line hiss and hum.
- **Aphex® Processing** re-creates higher frequencies, giving you improved high-end sound.

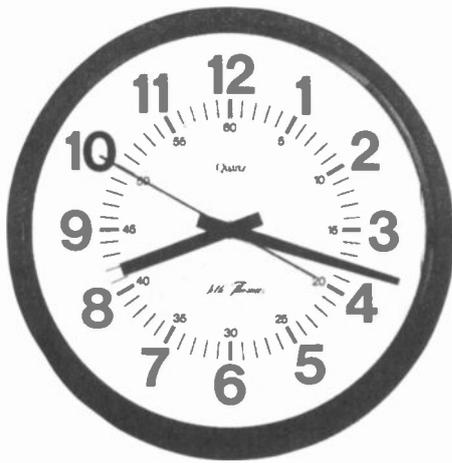
Aphex® is a registered trademark of Aphex Systems, Ltd.

Mfg. list \$499.00.....CALL FOR BSW PRICE



## Timers & Clocks

*Seth Thomas*



### Model 710

- Brown molded case textured finish
- Red sweep seconds hand (full length)
- QUARTZ (one "C" battery)
- Glass lens
- Diameter 14", D. 2 3/4"
- Large easy-to-read dial graphics

Mfg. list \$34.00.....BSW PRICE \$26.95

### Model 709

- Brown molded case
- White dial
- Arabic numerals
- Sparkling glass lens
- Electric
- Diameter 13 3/8", D. 2 3/4"
- (Not Shown)

Mfg. list \$25.00.....BSW PRICE \$18.95

***RADIO SYSTEMS***



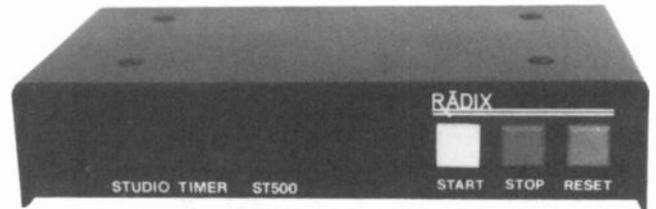
### Model RSTM-2 Studio Timer

- Times events to 9:59:59
- Interfaces with tape machines, turntables, automation
- Easy to read 1/2" digital readout
- Barrier strip connections

Mfg. list \$175.00.....CALL FOR BSW PRICE

**RADIX**

Studio Timer



### Model ST500

#### Sterling Performance

Compact studio timer with many applications in the control room, production or news room. Times events to 9 hours 59 minutes 59 seconds. Large—Highly visible display digits 1/2" high. Rear terminal strip interface connections. Versatile interface allows remote start, stop and reset. May be controlled by tape deck start circuits etc.

Mfg. list \$189.95.....CALL FOR BSW PRICE

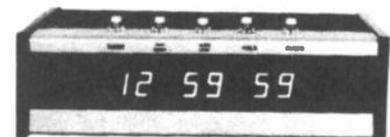
**ESE**



### Model ES510ER 60 Minute Timer

- Start/stop reset
- Four digits
- Remote capable

Mfg. list \$192.00.....CALL FOR BSW PRICE



### Model ES562E Studio Timer Six Digit Clock/Timer with Memory

Mfg. list \$345.00.....CALL FOR BSW PRICE



# AUTOCGRAM

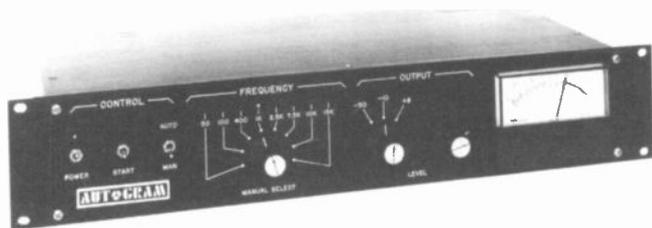


### Autoclock

- TIME: Hours-Minutes-Seconds
- DATE: Month-Day-Year
- STOPWATCH: Minutes-Seconds 0:00 to 99:59  
Restarts-Stop-Start-Continue-Reset
- COUNTDOWN: Seconds Adjustable 1 to 32 seconds for fixed  
countdown timings
- TEMPERATURE: Fahrenheit & Celsius
- AUTOCLOCK: Syncs any number of autoclock for Time-Date-  
Temperature
- Rack mount version available

Mfg. list \$349.00.....CALL FOR BSW PRICE

# AUTOCGRAM



### Model T-8 Frequency Response Test Set

Response test of complete radio station audio system in just 16 seconds. 8 audio frequencies transmitted are: 50-100-400-1K-2.5K-7.5K-10K-15Khz.

Mfg. list \$498.00.....CALL FOR BSW PRICE

# Fostex



### Model TT-15 Test Tone Oscillator

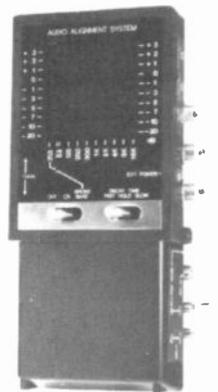
Battery operated, low distortion sine wave oscillator with five selectable frequencies (40Hz, 400Hz, 1kHz, 10kHz and 15kHz) and three selectable output levels (-30dB, -10dB and 0dB). RCA output jack. Useful for spot checking frequency response, calibrating mixers with tape recorders and other level matching jobs. Output is constant and not affected by battery voltage or frequency.

Mfg. list \$45.00.....BSW PRICE \$39.95

## GOLD LINE

### LL-10 Audio Spectrum Analyzer

The Model LL-10 is a 10-band line level Audio Spectrum Analyzer designed to save time for the audio service technician. A 23dB LED display allows line level readings from tape machines or turntables to be simultaneously displayed over the entire audio range. By making use of a pink noise cassette, or the built-in noise generator, it is easy to record and see immediately the performance of the heads or if either bias or dolby noise tracking calibration is required.



Mfg. list \$339.95.....CALL FOR BSW PRICE

### ASA-10B

**Audio Spectrum Analyzer.** An affordable, professional quality, 10-octave analyzer covering the full audio range that allows you to balance your audio system; EQ and check out your phono-amplifier, tape deck, and loud speakers and make sure that your system delivers its optimum performance.



### ASA-10B

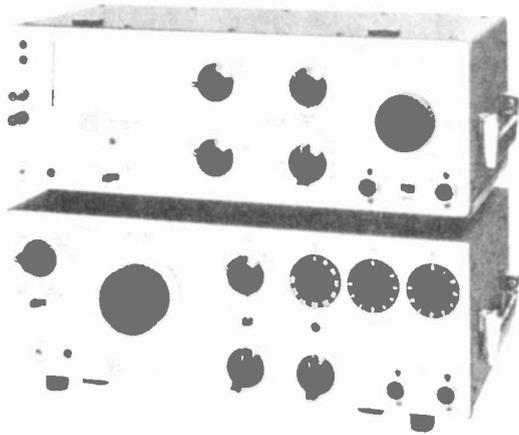
Mfg. list \$339.95.....CALL FOR BSW PRICE

### PN2 Pink Noise Generator

Mfg. list \$89.95.....CALL FOR BSW PRICE



# Potomac Instruments



## Model AT-51 Audio Test System

### Measures

Harmonic Distortion, Intermodulation Distortion, Volts, dB, Signal + Noise/Noise Ratio, Wow and Flutter, Stereo Phasing, Differential Gain in Stereo Channels.

### Features

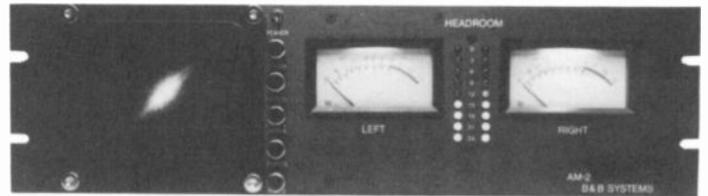
Separate Generator and Analyzer — Transformerless Stereo Outputs (Balanced or Unbalanced; switch selectable) — Source Resistance 150 ohms or 600 ohms (switch selectable) — Automatic Signal Leveling — Precision 10 dB, 1.0 dB and 0.1 dB Step Attenuators — RFI Shielding — Automatic "Set Level" and "Balance" Circuits — Scope Display of distortion products - Output Level Monitor.

The AT-51 is an innovative audio test system which facilitates the measurement of critical parameters in monophonic and stereophonic audio equipment. Designed primarily for commercial broadcast proof-of-performance measurements and equipment maintenance, the AT-51 exhibits features which are unique and well suited to laboratory type measurements by design engineers, quality control facilities and professional high fidelity service centers. The AG-51 Audio Generator and AA-51 Audio Analyzer are packaged separately for remote measurements requiring physical separation of signal source and signal analyzer. Both units are RFI shielded to enable accurate measurements in high level radio frequency environments typical to broadcast transmitter facilities. Signal input and output connectors are also RFI shielded.

Mfg. list \$3,575.00.....CALL FOR BSW PRICE

## BSW HANDLES THE COMPLETE LINE OF POTOMAC INSTRUMENTS

## B&B SYSTEMS PHASESCOPE



### Model AM-2

PHASESCOPE™ — the complete tool for all stereo audio applications. Real time monitoring of stereo audio phase, and program average and peak levels in one affordable package. Also, the AM-2 is available as the compact AM-2B where space is at a premium.

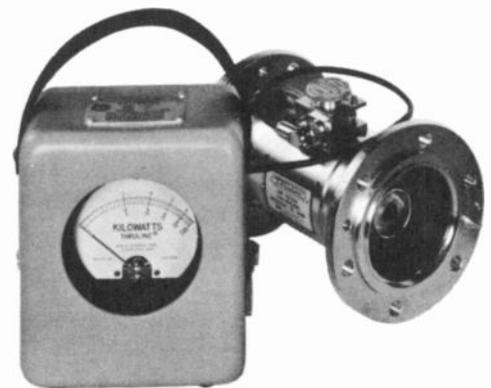
A quick glance by the operator gives a complete "picture" of the stereo audio signal. Audio level monitoring, both PPM Peak and VU and the B&B SYSTEMS PHASESCOPE allows you to easily avoid out-of-phase stereo signals and prevent peak audio distortion.

### Model AM-2

Mfg. list \$2,100.00.....CALL FOR BSW PRICE

### Model AM-2B

Mfg. list \$1,800.....CALL FOR BSW PRICE



Now in its fifth decade of serving the broadcasting 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, must be constantly on-call and totally trustworthy, Bird has achieved an enviable record of reliability.

Call today for your Bird equipment needs. 1-800-426-8434 toll free.



## FLUKE

### THE WORLDS FINEST DIGITAL MULTIMETER



#### Fluke 73

- Analog bar graph
- 3200 count display
- 0.7% basic accuracy
- 10 amp
- Auto-ranging only
- Three year warranty

**BSW  
PRICE  
\$79.00**

#### Fluke 75

- Analog bar graph
- 3200 count display
- 0.5% basic accuracy
- Auto-ranging with range hold
- 10 amp & autoranged mA ranges
- Continuity and diode test beeper
- Three year warranty

**BSW  
PRICE  
\$99.00**

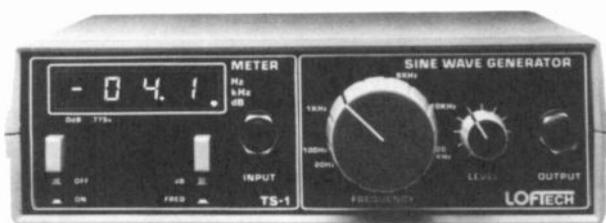
#### Fluke 77

- Analog bar graph
- 3200 count display
- 0.3% basic accuracy
- Auto-ranging with range hold
- 10 amp & autoranged mA ranges
- Continuity and diode test beeper
- Touch hold
- Three year warranty

**BSW  
PRICE  
\$139.00**

## LOFTECH

### User Friendly Test Equipment



### THREE UNITS IN ONE

#### Model TS-1 Audio Test Set

- Audio Oscillator
- Frequency Counter
- Decibel Meter

Mfg. list \$299.95.....CALL FOR BSW PRICE

## ROHN

### CALL FOR BSW PRICE

#### Design

This tower can provide excellent rigidity and strength in heights up to 450 feet when properly guyed. Because of its rugged strength, the No. 65 tower covers a broad range of communication uses particularly where extraordinary windloading and height requirements must be met.

#### Construction

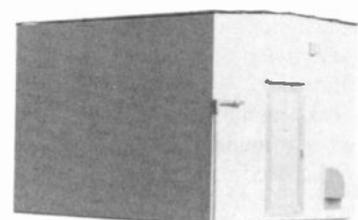
Constructed on 26 1/4" equilateral triangle pattern, utilizing 2" x 1/8" high-strength steel tube side rails. Sections 10' or 20' in length. Cross bracing is formed by a continuous 5/8" solid rod fashioned into a "zig-zag" shape, joining side rails every 22" electrically welded throughout.

#### Finish

All tower sections are completely hot-dip galvanized after fabrication to protect all points of welding and construction against corrosion. And to provide an attractive installation. The quality of Rohn towers is always assured by a complete quality control program that begins with the examination of the raw material to assure that exact specifications are met and follows on through the finished product. You know it's the best when its a Rohn tower.

#### Transmitter Shelter

Construction of the basic shelter is done to Rohn's high quality standards. A complete environmental control system is available in each Rohn Shelter. Security will be no problem with the optional reinforced insulated aluminum doors with three-point locking systems. In short, your shelter will be a complete protection system.





## Transmitters

# THE ALL NEW WILKINSON EXCITER

BY  
TELEVISION TECHNOLOGY



### 8090 Series Model X FM Broadcast Exciter

- 5 subcarrier inputs standard
- Completely broadband - no tuning adjustments
- Frequency synthesized in 2.5 KHz steps from 76-108 KHz
- Ultra high performance
- 28 volt DC power

Typical THD and IMD less than .005%  
 Typical FM signal to noise ratio better than - 95 dB  
 Typical frequency response within .025 dB,  
 20 Hz to 100KHz

Proving daily that this new WILKINSON EXCITER now manufactured by Television Technology is superior in every way. Your test equipment will prove it, more importantly your ears will actually notice the difference.

Mfg. list \$4,795.00.....CALL FOR BSW PRICE

### Television Technology FM Translators

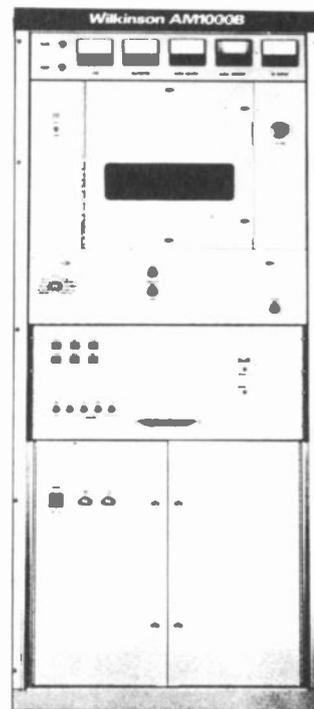


#### XL (FM Series)

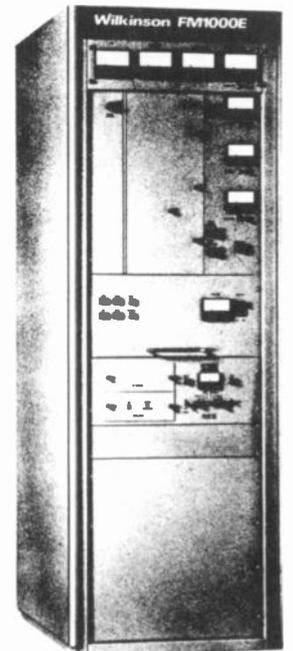
- 1 and 10 watt models
- Very conservatively rated
- Stable output under any load condition
- Withstands extreme input overload
- Choice of selectivity
- Stereo monitor
- Optional local origination
- Superlative performance
- Competitively priced

Call BSW for Pricing and Configuration

## WILKINSON By Television Technology



AM-Transmitter



FM-Transmitter

## AM TRANSMITTERS

### 6 Models - 250 Watt To 25000 Watt

- Variable vacuum capacitor tuning eliminates sliding contacts.
- Motorized variable capacitor loading for ease and precision of adjustment.
- Solid state time delay and recycling increases reliability
- Solid state control circuitry conserves space and reduces complexity.
- Complete metering.

CALL FOR BSW PRICING & APPLICATION

## FM TRANSMITTERS

### 12 Models - 100 Watts To 35,000 Watts

- Input and output reflectometers
- Self-testing Wilkinson silicon rectifiers provide more than 300% voltage and current protection.
- Printed circuit control ladder conserves space, reduces complexity.
- Solid state time delay and recycling increases reliability
- Conservatively rated, double duty plate transformer and filter reactor
- VSWR overload protection standard

CALL FOR BSW PRICING & APPLICATION



# ELCOM BAUER



**CALL FOR  
APPLICATION  
& PRICING**

## FM Transmitters

Available 250 Watts to 27,000 Watts

Elcom Bauer single tube FM transmitter designs are aimed at absolute reliability achieved through state-of-the-art solid state technology coupled with classical vacuum tube design. The basic requirement is simplicity - with resultant dependability - and uncluttered, easy-maintenance interiors.

### FEATURES:

- Minimal Floor Space
- Low Operation Cost
- Ease of Maintenance
- One Tube
- Automatic Power Control
- VSWR Protection
- Automatic Recycling
- Remote Control Interface
- Varian EIMAC Designed Power Amplifier Assembly
- High Performance Exciter
- Field Proven Control Circuitry
- Soft Start Protection

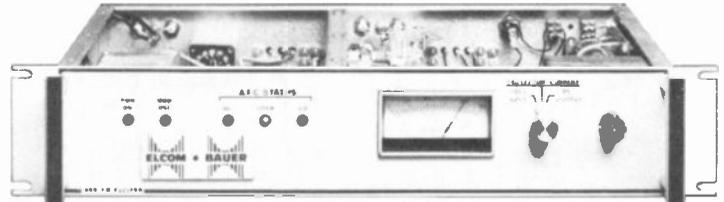
## AM Transmitter

Available 250 Watts - 50,000 Watts

### Operational Benefits

- 125% positive peak capability.
- Stable high level plate modulation.
- Three (3) tubes.
- Plug-in solid state low level audio and RF driver stages.
- Adaptable for AM stereo.
- Oil-filled modulation transformer.
- Two (2) ovenless crystals switchable.
- Unexcelled accessibility.
- Remote ready — wire or STL.
- Interface for standard telemeter control equipment.
- Step start.
- Three (3) step overload.
- FCC primary circuits metered and continuously monitored.
- Secondary operating parameters with multimeter readout.
- Front panel circuit breakers.
- Fuses with fault indicators.
- Tally light fault indicator with memory system.
- Remote resettable fault indicator.

## ELCOM BAUER'S FM EXCITER



### Model 690B

Output frequency range is 88 MHz to 108 MHz, programmable in 100 KHz steps. RF power output is 1 to 15 watts, continuously variable.

Mfg. list \$2,850.00. ....CALL FOR BSW PRICE

# LPB

## Low Power Transmitters For AM Broadcast



### Model AM-25P

#### 25 Watt AM Broadcast Transmitter

The AM-25P Transmitter has been designed to be universal in its application. With its 50 ohm unbalanced RF output, it can readily interface with direct radiating systems employing impedance matched radiators. The companion TCU-30 Transmitter Coupling Unit is used with the AM-25P for carrier current installations and other applications utilizing non-standard radiating elements.

The AM-25P Transmitter is completely solid-state, using a balanced emitter output transistor pair which will withstand output mismatch or short circuit condition. A high-stability crystal oscillator operates at six times the carrier frequency and utilizes digital countdown circuitry. A computer designed elliptic function output filter provides a high degree of RF harmonic suppression.

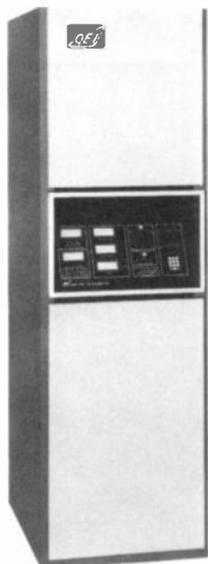
4 Other Models To Choose From 30-50-100-150 Watt  
**CALL BSW FOR PRICING**



# Transmitters



Transmitters



FM BROADCAST  
TRANSMITTERS  
75 WATT  
TO  
30,000 WATTS

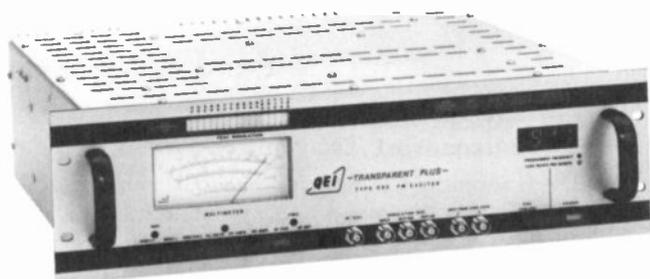
Model 695T5KW (Shown)

### Model 695T5KW

The 695T5KW is a new, advanced-technology transmitter using a single tube and offering a myriad of features made possible only by introducing recent technological advances to FM transmitter design. The 695T5KW's design blends microprocessor technology with QEI's expertise in solid-state transmitters, control systems (ATS), and FM modulation monitors.

Features heretofore not available in FM transmitters are built into the 695T5KW. Alarm points on important parameters will warn you before a catastrophic failure occurs. Automatic Power and Modulation Control or ATS are available at the flick of a switch; ideal for stations with satellite feed or those that are heavily automated.

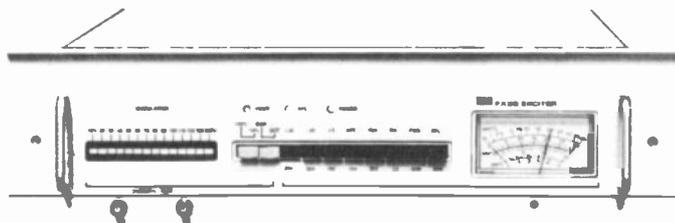
Mfg. list \$22,990.00.....CALL FOR BSW PRICE



### The 695 Exciter Transparent Plus

- Super low distortion
- Frequency stability
- Transmitter diagnostic system
- Less than .01% distortion levels
- Displays modulation peaks over 100%
- Superlative linearity

Mfg. list \$5,295.00.....CALL FOR BSW PRICE



### Model FX-30 FM Broadcast Exciter

- Superior performance rivals the best Hi-Fidelity Tuners
- Ultra-linear modulated oscillator for unexcelled stereo and SCA performance
- Composite inputs compatible with all stereo and SCA generators
- Extremely low distortion - THD and IMD less than 0.08%
- First exciter to specify transient intermodulation distortion (TIM) at less than 0.1%
- Advanced dual-speed phase locked loop greatly improves low frequency response
- Quiet operation - typical S/N ratio of 78dB
- Completely broadband - requires no tuning

Mfg. list \$5,695.00.....CALL FOR BSW PRICE

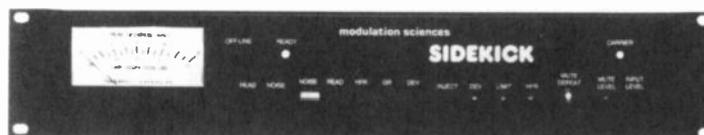


### Model FC30 FM SCA Generator

- Very low FM noise, highly-stable, ultra-linear 67 kHz modulated oscillator ensures minimum distortion
- Memory logic retains mode of operation during power interruption up to one hour, with automatic restart
- Advanced dual-mode, controlled-decay subcarrier attenuator ensures noise-free receiver muting
- Unique, optically-isolated remote control operation

Mfg. list \$1,495.00.....CALL FOR BSW PRICE

## Modulation Sciences



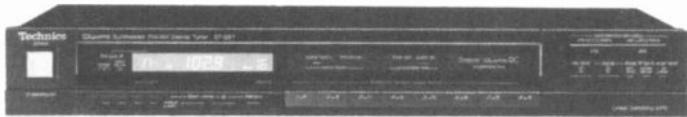
### Model SCA 186 SCA Generator

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

Mfg. list \$2,875.00.....CALL FOR BSW PRICE



# Technics



**ST-G6T  
Quartz Digital AM/FM  
Stereo Tuner**

- All DC circuitry and twin quartz control for wide frequency response of 4Hz - 18kHz (+0.2dB, -0.5dB) and 106dB dynamic range.
- Low distortion DC linear switching MPX circuit.
- Computer controlled automatic IF bandwidth selection.
- AM/FM 16-station random access preset memory.

Mfg. list \$290.00.....CALL FOR BSW PRICE



**FM-Three Tuner**

Incorporates the most recent achievements in radio frequency design and has been judged to provide better sound than any competitor's model in a wide range of operating environments.

True Digital quartz accuracy for tuning AM & FM signals.

Mfg. list \$795.00.....CALL FOR BSW PRICE



**Model T6200  
AM-FM Stereo Digital Tuner**

Soundcraftsmen's advanced technology incorporates sophisticated Frequency Synthesized Tuning with a highly stable Quartz Crystal Oscillator that locks onto the broadcast signal and makes station selections precise and drift-free. A 16-station Microcomputer Memory System, coupled with two-way Automatic Scanning, provides incredibly simple pre-programming and station selection.

**Rack Mountable**

Mfg. list \$299.00.....CALL FOR BSW PRICE

# ANDREW & CABLE WAVE

BSW Can Fullfill  
All of Your Transmission  
and Other Cable Requirements

Call For Configuration  
and Pricing



## Desk Top SCA Receiver



**Model DTR**

The desk top receiver is housed in a walnut grained wooden case with a high performance four (4) inch speaker. Side mounted volume and tone controls are provided on the DTR for total sound control. A self-contained swivel, retractable antenna is all that is needed for most installations.

A series of auxiliary connectors are included on the rear of the unit for user convenience. At the top on the rear is a private listening, miniature phone jack for the attachment of earpiece or headset. A tape recorder may be attached to the second connector of the DTR for recording a program while listening. Optionally, a main/sub channel switch is available, and 12 VDC connector for automobile or battery operation. This unit is crystal controlled, thereby eliminating confusion of which channel is to be selected.

Specify operating frequencies

Mfg. list \$144.00.....CALL FOR BSW PRICE



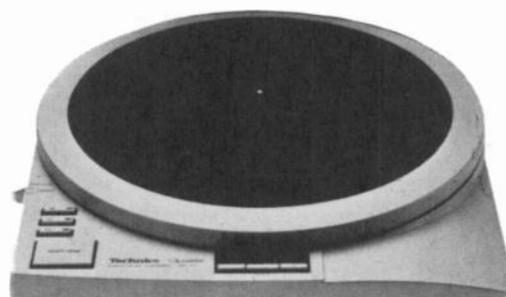
## Turntables

# Technics

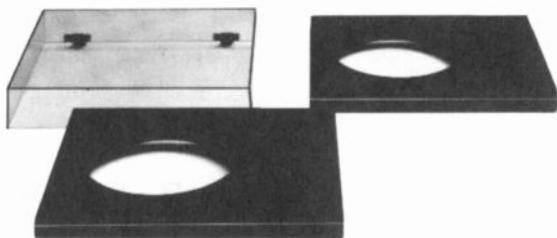
## *Quartz Controlled Direct Drive*



**Model SL-1200 MKII**  
**Quartz-Controlled Direct-Drive Turntable**  
Mfg. list \$415.00.....**BSW PRICE \$312.00**

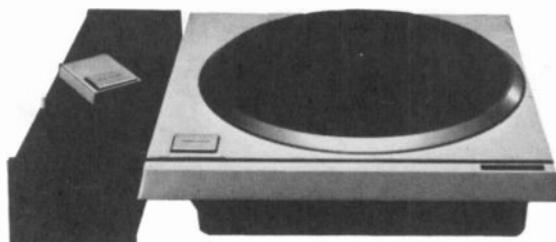


**Model SP-15**  
**Quartz-Synthesizer-Controlled Direct-Drive Turntable**  
Quartz synthesizer permits up to  $\pm 9.9\%$  deviation with digital readout. Enormous torque. Electronic brakes. Three speeds.  
Mfg. list \$750.00.....**BSW PRICE \$544.00**

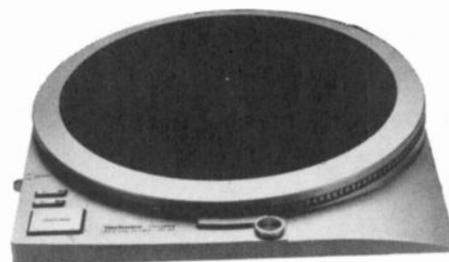


**Models SH-15B3/10B3**  
**Bases for Models SP-15/SP-25/SP-10MK II**  
Specially designed for outstanding vibration insulation. Finished in black.

**SH-15B3 FOR SP-15/SP-25**  
Mfg. list \$315.00.....**CALL FOR BSW PRICE**  
**SH-10B3 FOR SP-10MKIIA**  
Mfg. list \$600.00.....**CALL FOR BSW PRICE**



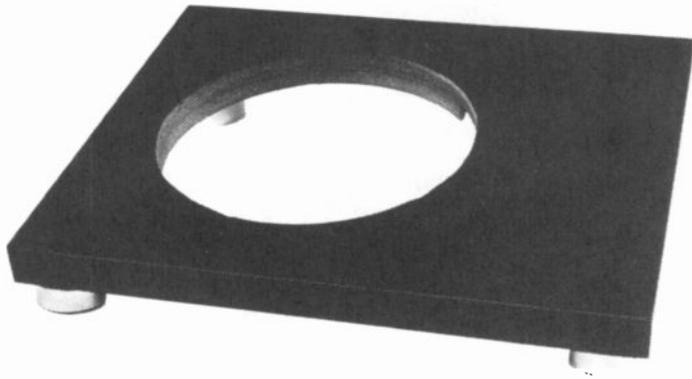
**Model SP-10MKIIA**  
**Broadcast Turntable with Quartz Phase-Locked Direct-Drive Motor**  
Quartz control for virtually perfect speed accuracy (max.  $\pm 0.002\%$  deviation). Direct drive for virtually no rumble, wow or flutter. Electronic brakes. Enormous torque. Three speeds.  
Mfg. list \$1,150.00.....**BSW PRICE \$819.95**



**Model SP-25**  
**Quartz-Synthesizer-Controlled Direct-Drive Turntable**  
Quartz-controlled. Pitch control of  $\pm 6\%$  of standard speeds. High torque. Electronic brakes. Two speeds.  
Mfg. list \$425.00.....**BSW PRICE \$318.00**



ProBase  
for Technics



**ProBase**

- Beautiful designed turntable base
- Black overlay on 1½" sound absorbing particle board
- Free floating, low resonance
- Heavy duty audio insulator, adjustable base legs with wide rubber non-slip pads for isolation & stability

ProBase for SP-10, SP-15, SP-25

**ONLY \$95.00**

**ProBase II**

The same high quality turntable base with the all new scientifically designed all rubber Neo Gas ProPads that greatly diminish feedback, rumble and counter top noise.

ProBase II  
**ONLY \$139.95**

**ProBase Pads**

Add a set of (4) ProBase Pads to your existing ProBase and notice the dramatic improvement.

ProBase Pads  
**ONLY \$69.95**

**Geo-Disc™**

For tone arm and Phono Cartridge alignment we suggest the Geo-Disc™. The Geo-Disc looks like a 12" LP record but is actually a measuring device that enables you to achieve critical alignment to within .003 of an inch. The Geo-Disc™ allows proper phono cartridge off set tracking angle and overhang. A must if you're mounting new tone arms and/or phono cartridges.

BSW PRICE.....\$24.99

**Technics**  
Technics & Probase  
Package Deal



(SP-15 Pictured)

SP-15	\$544.00	SP-25	\$318.00
ProBase	\$95.00	ProBase	\$95.00
Protec		Protec	
Tone Arm	\$89.95	Tone Arm	\$89.95
<b>Total</b>	<b>\$728.95</b>	<b>Total</b>	<b>\$502.95</b>

BSW  
PACKAGE PRICE  
\$625.95

BSW  
PACKAGE PRICE  
\$419.95

SPIOMKIIA	\$819.95
ProBase	\$95.00
Protec Tone Arm	\$89.95
<b>Total</b>	<b>\$1,004.90</b>
<b>BSW PACKAGE PRICE.....</b>	<b>\$919.00</b>

ProBase II add \$44.95 to the above package prices

*Nobody  
Offers Better  
Service Or Prices  
Nobody  
And We're As Close  
As Your Telephone  
Toll Free  
1-800-426-8434*



# Tonearms & Turntables

## Protec



**THE BIG SELLER**

### Model S220

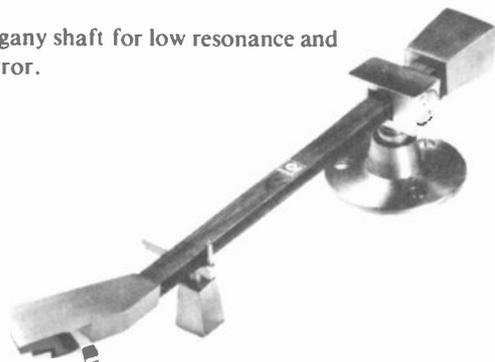
Very popular tonearm - thousands in use everywhere. Rugged all metal construction with exceptional tone quality.

**BSW PRICE.....\$89.95**



## MICRO-TRAK

Laminated mahogany shaft for low resonance and small tracking error.



Long established reputation of quality.

### Model 303 12"

Mfg. list \$129.50.....**BSW PRICE \$123.00**

### Model 306 16"

Mfg. list \$169.50.....**BSW PRICE \$161.00**

## SME



## WORLDS FINEST TONEARM

Precision is the word that describes this quality product - absolutely accurate.

**Model 3009R.....BSW PRICE \$319.00**

**Model IHSB.....BSW PRICE \$207.50**

## BE

Shown With  
Optional Tonearm



### Model QRK-12C 3 Speed Turntable

- Instant start, full speed in less than 1/16 revolution
- Rugged construction, only 3 moving parts
- Stereo rumble less than 48 db (exceeds NAB Standards)

Mfg. list \$395.00.....**CALL FOR BSW PRICE**

**Drilling Fee (Specify Tonearm).....\$15.00**

## Henry Engineering



### TURNTABLE REMOTE CONTROL FOR DIRECT DRIVE TURNTABLES

The UNIVERSAL TURNTABLE CONTROLLER is a control interface device that allows full remote control of popular direct-drive turntables such as Technics SP-10s, SP-15s, and the new Russco RT-700. The "UTC" easily connects to the turntable with just three wires, and provides CMOS/contact closure compatible outputs for separate START and STOP switches, plus RUN and STOP tally lamps. The turntable's own start/stop switch can still be used for cueing records, and the UTC always stays IN SYNC with the turntable. One UTC will control TWO turntables.

Mfg. list \$180.00.....**CALL FOR BSW PRICE**

**audio-technica.**  
INNOVATION PRECISION INTEGRITY



### Model ATP12T

A demand tonearm in many engineering and programming circles.

Mfg. list \$215.00.....**BSW PRICE \$169.95**

# Turntable Cartridges & Phono Styli



## Stanton Cartridges

Model	1-3	4-11	12 PLUS
500A MKII	13.15	11.85	10.55
500AL	15.65	14.10	12.50
500E MKII	13.50	12.15	10.80
500EE MKII	17.50	15.75	14.00
600A	22.00	19.80	17.60
600E	25.50	22.95	20.40
600EE	27.50	24.75	22.00
681A	55.00	49.50	44.00
681SE	60.00	54.00	48.00
681EEE MKIIS	70.85	63.75	56.65
881S	96.65	86.95	77.35

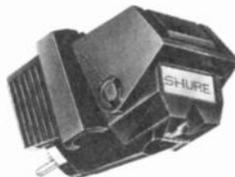


## Stanton Replacement Styli

Model	1-3	4-11	12 PLUS
D50A	7.20	6.75	6.50
D5107AL	7.20	6.75	6.50
D5105AA	10.00	9.00	8.00
D50E	10.00	9.00	8.00
D50EE	12.90	11.60	10.35
D6071A	12.15	11.55	10.95
D6004E	15.00	14.50	14.00
D6003EE	16.50	16.00	15.50
D6807A	19.40	18.90	18.40
D6800SE	23.40	22.25	21.10
D6800EEEEIIS	27.00	26.50	26.00
D81S	45.00	44.50	44.00
D5107A	7.20	6.75	6.50

## Shure Phono Cartridges

Model	1-3	4-11	12 PLUS
M44-7	23.85	19.05	16.70
M44-C	23.85	19.05	16.70
SC35C	40.50	32.40	28.35
SC39B	56.25	45.00	39.40
SC39EJ	63.00	50.40	44.10



## Shure Replacement Styli

Model	1-3	4-11	12 PLUS
N44-7	13.50	10.80	9.45
N44-C	13.50	10.80	9.45
SS35C	15.30	12.25	10.70
SS78E	19.35	15.50	13.55
SS39B	22.95	18.35	16.05
SS39EJ	28.80	23.05	20.15
SS39ED	36.00	28.80	25.20

## Audio Technica Cartridges

Model	1-3	4-11	12 PLUS
ATP 1	31.95	25.55	22.40
ATP 2	42.30	33.80	29.60
ATP 3	56.70	45.35	39.70



## Audio Technica Replacement Styli

Model	1-3	4-11	12 PLUS
ATPN 1	17.10	13.70	11.95
ATPN 2	25.10	20.10	17.60
ATPN 3	33.75	27.00	23.65

discwasher®

D4™

Record  
Care  
System



**BSW PRICE.....\$15.00**

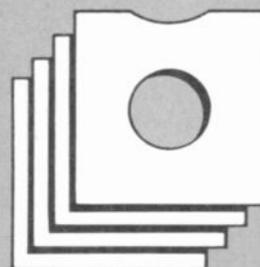
- Cleans without reduction in record dynamics & fidelity.
- D4 fluid lifts & suspends contaminants in solution on record surface.
- D4 pad mick-fibers are directional, lifting dust rather than lining it up.

Refills

6oz. bottles.....\$8.35

16oz. bottles.....\$13.60

45 RPM  
Record  
Jackets



Green  
Blue  
Red  
Gold

Mix 'em for  
maximum discount

QUANTITY	1-199	200	300	500	1000
UNIT PRICE	.12	.10	.09	.08	.06



# Recording Tape & Accessories

Catalog Number	Reel Mil Size Pack	Units Per Case	Price Per Reel		
			Single Reel	10 Pack	40 + Pack
<b>Ampex Audio Tape</b>					
<b>Standard Output</b>					
631-17611T ¼ x 2500PH	1.5 Hub Bulk	10	-	5.98	5.30
631-151111 ¼ x 1200	1.5 7" Box	40	6.00	4.45	3.95
631-173111 ¼ x 2500NAB	1.5 10½" Box	10	-	14.90	13.15
<b>Low Noise/High Output</b>					
632-131111 ¼ x 600	1.5 5" Box	40	4.40	3.25	2.85
632-17611T ¼ x 2500PH	1.5 Hub Bulk	10	-	6.30	5.60
632-151111 ¼ x 1200	1.5 7" Box	40	6.70	4.90	4.35
632-173111 ¼ x 2500NAB	1.5 10½" Box	10	-	16.20	14.30
642-17611T ¼ x 3600PH	1.0 Hub Bulk	10	11.25	8.25	7.30
<b>Studio Mastering - Low Noise/High Output</b>					
406-17613T ¼ x 2500PH	1.5 Hub Bulk	10	13.15	9.65	8.50
406-151131 ¼ x 1200	1.5 7" Box	40	9.50	6.95	6.15
406-17313J ¼ x 2500NAB	1.5 10½" Box	10	24.35	17.85	15.75
407-17613T ¼ x 3600PH	1.0 Hub Bulk	10	20.95	15.40	13.60
<b>Grand Master</b>					
456-17611T ¼ x 2500PH	1.5 Hub Bulk	10	16.30	12.00	10.60
456-151111 ¼ x 1200	1.5 7" Box	40	11.25	8.25	7.30

Catalog Number	Reel Mil Size Pack	Units Per Case	Price Per Reel		
			Single Reel	12 Sing. Pk	48 + Pk
<b>3M Scotch Audio Tape</b>					
<b>Low Noise/High Output</b>					
806 ¼ x 2500HPB	1.5 Hub Bulk	12	13.10	9.60	9.00
806 ¼ x 1200	1.5 7" Box	12	9.55	7.00	6.60
806 ¼ x 2500RN	1.5 10½" Box	12	24.00	17.60	16.50
<b>Studio Mastering - Low Noise/High Output</b>					
250 ¼ x 2500HPB	1.5 Hub Bulk	12	-	11.25	9.90
250 ¼ x 1200	1.5 7" Box	12	-	7.90	7.00
250 ¼ x 2500RN	1.5 10½" Box	12	-	20.60	18.15

BSW handles the complete Ampex and Scotch tape line. ½", 1", and 2" available. If you don't see the tape you want above, please call us.

Catalog Number	Reel Size	Pack	Price Each
<b>Scotch Splicing Tape</b>			
41-7/3266		Box	2.50
<b>Scotch Leader Tape</b>			
20-¼-1000 Paper		Box	4.20
61-W¼-1500 White Polyester		Box	15.25
61-Y¼-1500 Yellow Polyester		Box	15.25
<b>Lubricated Tape For Carts</b>			
<b>Capital Formula 17</b>			
17-918-100	1800'	Box	7.50
17-984-605	8400'	Hub	15.10
<b>Scotchcart Tape</b>			
219-¼-2500HPB	2500'	Hub	22.00
<b>Capital Q 17 Holn</b>			
17-618-613	1800'	Box	9.60

<b>Empty Reels and Boxes</b>			
<b>Plastic Reels</b>			
5464	5" NAB	Bulk	.50
5196	5"	Bulk	.40
5231	7"	Bulk	.65
6284	10½" NAB	Bulk	3.05
5908	10½" EIE	Bulk	3.75
<b>Metal Reels</b>			
6393/600	10½" NAB	Box	9.95
<b>Empty Boxes</b>			
605	5"	Bulk	.35
607	7"	Bulk	.35
630	10½"	Bulk	.85

## Extended BSW Hours

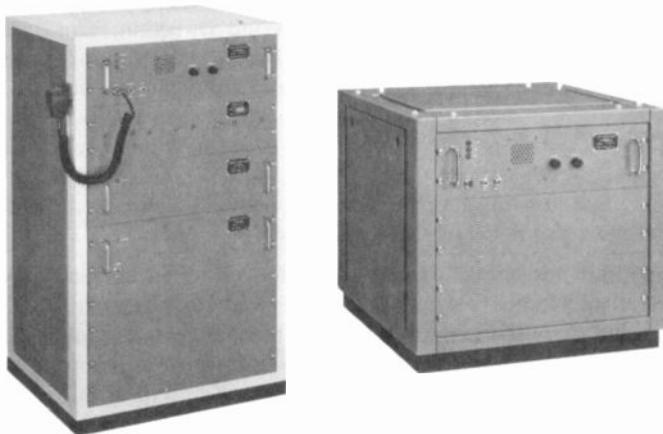


**EASTERN TIME**  
9:00 AM TO 9:00 PM  
**CENTRAL TIME**  
8:00 AM TO 8:00 PM  
**MOUNTAIN TIME**  
7:00 AM TO 7:00 PM  
**PACIFIC TIME**  
6:00 AM TO 6:00 PM



# YAESU

## VHF/UHF REPEATERS



<b>FTR-710 A</b>	<b>68-88 MHz</b>
<b>FTR-2410 A</b>	<b>134-174 MHz</b>
<b>FTR-5410</b>	<b>400-512 MHz</b>

- 10 Watt FM Repeaters.
- AC Line Or 12V DC Source.
- Automatic AC To DC Switching And/Or DC To AC.
- AC Provides Constant Trickle Charge To Batteries.

**Call Your BSW Representative For Details & Price**



### Model FTC 2640 VHF - FM Mobile Transceiver

**Compact, High Power, Extremely Simple and Built to Last. A Real Workhorse.**

The FTC-2640 is a rugged, high performance VHF FM transceiver. Featuring 40 watts of RF output, it exhibits excellent receiver sensitivity, intermodulation immunity and crisp clean audio on both transmit and receive. 8 channels.

Mfg. list \$749.00.....**CALL FOR BSW PRICE**



**SYNTHESIZED VHF OR UHF  
HAND HELD  
TRANSCIVER  
EASY TO PROGRAM**

### Model FTC-1123

The FTC-1123 is a lightweight hand-held transceiver that provides 5 watts (or 0.5 watts, selectable) RF output on any 10 preprogrammed channels in a 10 MHz range between 140 and 174 MHz. The newest automated design and production techniques have now been applied to business communications, resulting in the lightest and most convenient hand portable transceiver ever. Not one, but two internal microprocessors make the FTC-1123 the ultimate in simplicity of operation - with channel selection or scanning at just the touch of a button. But that's not all; press a few more buttons and the scanner will skip over the very busy or unused channels, so you need only monitor those you choose.

**FTC-1123 VHF**  
Mfg. list \$540.00.....**CALL FOR BSW PRICE**

**FTC-1143 UHF**  
Mfg. list \$640.00.....**CALL FOR BSW PRICE**



### VHF/UHF COMMUNICATION RECEIVER

### FRG-9600

**60-905 MHz All Mode VHF/UHF 100 Keypad Programmable Memory Channels**

The FRG-9600 is an all mode scanning receiver that provides features never offered before, covering 60 through 905 MHz continuously, with 100 keypad-programmable memory channels.

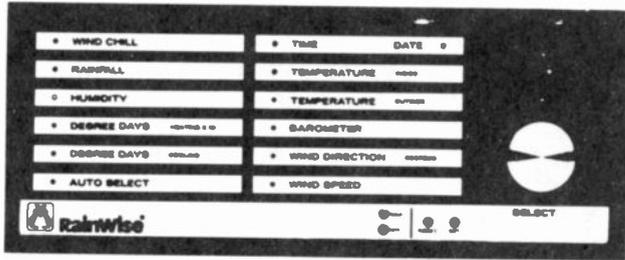
In addition to FM wide (for FM and TV broadcasts), FM narrow (for two-way police, military, business and amateur communications), and AM wide and narrow (for aeronautical and amateur communications), the FRG-9600 also provides SSB (single sideband) reception up to 460MHz, allowing monitoring of amateur and military CW and SSB, and the new ACSB mode now used by the military and experimentally as the mode of the future for VHF.

Mfg. list \$679.95.....**CALL FOR BSW PRICE**



# Weather Instruments

## RainWise® DOES IT ALL



### Model WS1000

### The Digital WeatherStation™ ...the Ultimate In Weather Watching

Engineered for precision and trouble-free operation, this computer age WeatherStation™ monitors nine different weather phenomena. The station provides digital readout for Time, indoor and outdoor Temperature, Barometric Pressure, Wind Direction, Wind Speed, Wind Chill, Rainfall, and accumulates Degree Day Heating and Degree Day Cooling throughout the year. Maximums and minimums are provided for any desired period to the nearest hour, day, and month. The unit is easy to read and operate. A red light indicates the function chosen by the selector knob, and the value is displayed in bright .8" LED numerals. An Auto Select position displays each function in sequence for four second intervals.

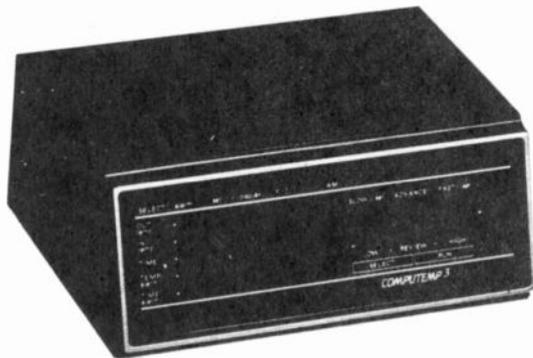
The unit measures 7" high, 17½" long, 1½" deep, and may be mounted without cutting a hole in the wall. The attractive black and brushed aluminum faceplate is complimented by the genuine walnut frame. The unit operates on safe low voltage from a power supply that plugs into a standard AC receptacle. An optional battery pack prevents loss of memory data in the event of a power failure.

Mfg. list \$1,042.00.....CALL FOR BSW PRICE

	Windchill Choice of readout in F° or C°		Time 12 hour format Date Month and Day (24 hour format for max/min)
	Rainfall Measures in 01 of an inch Provides a cumulative recall		Inside Temperature Choice of readout in F° or C°
	Relative Humidity Shown in percent		Outside Temperature Max/min for selected period of time Choice of readout in F° or C°
	Degree Days Heating, X10		Barometric Pressure in inches of mercury Flashing indicates falling Has max/min recall *
	Degree Days Cooling.		Wind Direction Display in 10° increments of 360° compass rose
	Auto Select Provides 4 second readout of each function in sequence		Windspeed With maximum gust Choice of scales MPH, KPH, Knots

Outside Temperature is shown

\*Readout in Millibars available by special order



### Computemp 3 The Fascinating Approach To Time & Temperature

- Accurately monitors outdoor and indoor temperatures and time of day.
- Temperature alarm alerts to any predetermined setting
- 24-hour memory of daily high and low temperatures, and the exact time of the occurrence
- Continually alternating LED display
- Battery back-up system, to retain memory
- Removable temperature sensors

Mfg. list \$72.95.....CALL FOR BSW PRICE



### The Raingauge You Never Have to Empty

#### Model 100

- Rain gauge indicator
- Re-set button
- Battery powered (batteries not included)
- Wire
- Collector
- Electronic Measuring

BSW PRICE.....\$69.95

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