



5700 E. Loop 820 So., Fort Worth, Texas 76119-7099 817-483-7474 FAX 817-483-9952

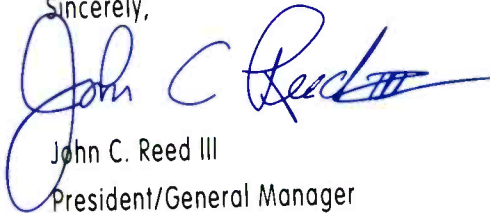
Dear Broadcast and Pro Audio Professional:

With this 1995 issue of our catalog we would like to thank the thousands of our customers that have contributed to the ongoing growth of PAS. Thanks to you we have continued to grow in this ever changing industry. We have recently expanded our company with the opening of our International Division, to serve our customers around the world.

As you review this catalog you will find we have added many new product lines to serve your every need. For assistance with pricing, technical support, or product specifications, please call our knowledgeable sales representatives.

With our million dollar inventory, well-informed technical staff and prompt service, we look forward to a prosperous 1995 and wish you all the same success.

Sincerely,


John C. Reed III
President/General Manager


Jorge I. Polanco
Vice President/International Sales

A RETEX INTERNATIONAL COMPANY

Amplifiers	6-11
Analog Recorders	12-20
Broadcast Automation, Delays, and Clocks	21-23
Consoles	24-36
Concert and Club Loudspeakers	37-39
Digital Audio	40-48
Monitors and Headphones	49-56
Microphones	57-65
Furnishings and Problem Solvers	66-80
Processing	81-92
RF Processing and Transmissions	93-104
Telephone	105-108
Test Gear	109
Tuners and Turntables	110-111
Index	112



FASTFAX ORDER FORM

FAX: 817-483-9952 ATTENTION: ORDER DESK

Billing Address:

Company Name _____
 Address _____

 Phone _____ Fax _____
 City _____
 State _____ Zip _____
 Attention _____

Shipping Address: (Street Address Required)

Company Name _____
 Address _____

 Phone _____ Fax _____
 City _____
 State _____ Zip _____
 Attention _____

QTY.	MODEL #	DESCRIPTION	PRICE	EXT.

Do Not Tear Out
USE PHOTOCOPY

Prices confirmed by _____
 Date _____

Please indicate desired method of shipping:
 UPS Surface 2nd Day Air Overnight

Please indicate method of payment:
 Company Check Personal Check Open Account/Net 30

*Net 30 billing offered to accounts on approved credit. Should you desire an open account, please fill out the credit application. Shipping charges based on actual shipping weights, so please call for price quote if paying in advance. All prices are subject to verification and change. A PAS representative will phone you for confirmation prior to shipping products). All required sales taxes will be collected unless order is accompanied by proper Tax Exempt or Resale Certificate.

Subtotal	
Shipping/Handling	
Tax	
TOTAL	

**FOR THE LOWEST PRICES AND BEST SERVICE, CALL US FIRST
 817-483-7474 • FAX: 817-483-9952 • Order Desk: 1-800-433-7668**



APPLICATION FOR CREDIT

THIS APPLICATION IS FOR BUSINESS CREDIT

Date _____

Corporation's Name _____

Name of Firm _____ Business Classification or Call Letters _____

Street Address _____ P.O. Box _____

Phone _____

City _____ State _____ Zip _____

COMPLETE APPROPRIATE SPACES

Corporation Partnership Proprietorship

Name of President and Treasurer, Owner or Partner _____

State Incorporated _____ Year Established _____

If Branch or Division, location of home office _____

Are Purchase Orders required? Yes No

Person to contact regarding Accounts Payable _____

Bank Reference	Officer	Address/Zip	Phone	Bank Acct #
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____

Business/Trade Reference	Address/Zip	Phone
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____

Can you anticipate your monthly volume with us? _____

I (We) understand that the information furnished you on this page is for the purpose of obtaining business credit for your firm. That I am (we are) authorized, in our (my) capacity, to bind my (our) firm accordingly. That all accounts or monies due you shall be due and payable at your place of business and grant permission to you to verify the above information.

Name

Signature / Title

Place
Stamp
Here

PAS

CREDIT DEPARTMENT
5700 E. LOOP 820 So.
FORT WORTH, TEXAS 76119-7099



TERMS AND CONDITIONS OF SALE

CUSTOMER OPEN ACCOUNTS

We are pleased to ship on open accounts to schools, libraries, colleges, universities, government agencies. Well-rated private businesses and institutions are welcome to apply for open accounts at any time. Simply fill out the credit application enclosed on the next page and it will be processed by our credit department as quickly as possible. To speed your initial order please enclose a check or money order.

TRANSPORTATION COSTS

Transportation costs from shipping point to destination (F.O.B. shipping point) will be prepaid by PAS and added to your order. On UPS shipments, truck shipment charges are freight collect. Where necessary, we will quote shipping charges on request. Orders for overseas destination will be shipped F.O.B. shipping point, freight collect.

ORDER PROCESSING

All orders will be processed within 24 hours from date of receipt. Of course, we can't guarantee delivery if delays occur because of circumstances beyond our control. Special/custom orders may take longer.

RETURNS

You may return any merchandise (except special/custom items) within 10 days after you receive it for full merchandise credit. Returns after 10 days are subject to a 15% restocking charge. Call PAS Customer Service Department at 817-483-7474 for a Return Authorization Number which must appear on shipping labels and forms. Returned merchandise must be shipped to PAS prepaid and in new condition with all original packing materials and manuals. Returns shipped freight collect will be refused. In case of defective merchandise or incorrect orders, please call PAS Customer Service Department for Return Authorization Number and shipping instructions. No material may be returned to PAS without a Return Authorization Number. It's the best way to assure prompt and accurate processing.

DAMAGED GOODS

Although every effort is made to assure safe delivery, shipping damage can occur. Under present ICC rules and regulations and most carriers it is the responsibility for the consignee to inspect and report losses and damages promptly and by correct procedure.

- a. Do not accept any shipment that is visibly damaged or if the carton count is incorrect unless the driver has made a signed notation on the bill-of-lading as to the nature of the damage or loss.
- b. Always open all cartons as soon as possible. If damage is noted, immediately call the carrier who delivered the merchandise to make arrangements for an inspection.

STANDARD TERMS AND CONDITIONS

Unless otherwise specified, terms are cash. Payment terms are Net 30 days from date of invoice on billed orders. Orders will be invoiced at prices prevailing at time of shipment. Quantity prices apply only when shipment is made at one time to one address. PAS will collect state sales taxes as applicable unless tax-exempt documents are provided. All accounts 30 days past due are automatically placed on credit hold till current.

LEASING

PAS offers several Leasing Plans to suit your various needs for 12 months to 60 months. Unless arrangements are made in advance with the leasing company you are responsible for all taxes, transportation and insurance charges.

WARRANTY

Merchandise sold by PAS will only be warranted to the extent and terms of the warranty of the original manufacturer. PAS provides no independent warranty or liability on products manufactured by other manufacturers.

PRICING

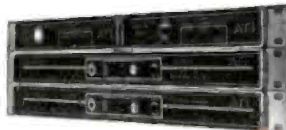
Prices are manufacturer suggested list and are for reference only. Contact your PAS representative for prevailing price at time of order. Discounts are available to qualified customers on many items. Prices are subject to change without notice. Freight and handling will be added to all shipments. Typographical errors are subject to correction. Illustrations, descriptions and specifications contained in the catalog are subject to change without notice.



APHEX 120

RF protected, high common-mode rejection, four independently trimmed isolated output amplifiers.

120A PAS Price \$ _____ List \$319.00
 Rack kit PAS price \$ _____ List \$29.95



ATI DA2008/4016

Micro Amps utilize the newest premium integrated amplifiers designed specifically for professional audio applications.

DA2008-2 PAS price \$ _____ List \$820.00
 DA4016-2 PAS price \$ _____ List ... \$1145.00



ATI DA208 & DA416

The ATI DA's feature eight (DA208) or sixteen (DA416) balanced outputs divided among two or four independent 1 in, 4 out channels. Includes parallel inputs for easy 1X8, 2X8, or 1X16 operation. They also have individual smooth, wide range log taper level adjustments for each output and unity gain position at 12 o'clock. Both are fully RFI protected.

DA208 PAS price \$ _____ List \$369.00
 DA416 PAS price \$ _____ List \$539.00



GENTNER RDA

Any of the 8 inputs can be routed to any of 28 outputs.

RDA PAS price \$ _____ List ... \$1629.00



HENRY ENGINEERING U.S.D.A.

U.S.D.A. a unique 2x4 mini DA that can be used to combine or split audio signals.

U.S.D.A PAS price \$ _____ List \$195.00



LOGITEK ADA 4X4 AND ADJ 4X4

The Logitek DA's contain four independent 1 in, 4 out amplifiers and an internal power supply in a 1U rack enclosure. The ADJ has screwdriver adjustable, multi-turn gain controls. Both can be used for balanced or unbalanced outputs.

ADA 4X4 PAS price \$ _____ List \$450.00
 ADJ 4X4 PAS price \$ _____ List \$520.00



RADIO DESIGN LABS RU-DA4D

- Stereo audio distribution with 4 outputs
- Mono audio distribution with 8 outputs
- Individual audio level controls
- Audio "presence" indicators
- (Requires a PS24A Power Supply—Not Included)

RU-DA4D PAS price \$ _____ List \$189.00



ROLLS RA63

The RA63 DA is a 1 in, 6 out device for driving 6 or more balanced lines. The front panel includes 6 volume controls, power LED and power switch. 1U rack enclosure.

RA63 PAS price \$ _____ List \$250.00



SHURE FP16A

1 input, 6 output portable DA, switchable for microphone or line level operation. Ideal as a portable press bridge. Screwdriver adjustable gain controls. Battery (3 standard 9v alkaline) or 120/240 VAC power. Rack mountable with optional A16R rack adapter.

FP16A PAS price \$ _____ List \$625.00
 Rack kit PAS price \$ _____ List \$35.00

Call P.A.S. about similar units from:
 Zercom, LPB, Ramko, and more.



BENCHMARK HPA-1 STEREO HEADPHONE AMPLIFIER

This amplifier can be used anywhere, in consoles, at the patch bay, in telephone talk show round tables— wherever individual level control is needed. The HPA-1 can also be used to drive speakers to moderate levels.

HPA-1 PAS price \$ _____ List \$70.00



EDDCOR HA400C AND HA800C

The Eddcor headphone amplifiers provide a user friendly system that will offer long lasting reliable service with the following features: Individual channel gain control, master stereo balance control, input sensitivity control, stereo input "RCA" type jacks, Stereo/Mono switch and a stereo output jack for each channel.

HA400C PAS price \$ _____ List \$246.00
 HA4000CRM Rack Mount PAS price \$ _____ List \$23.00
 HA800C PAS price \$ _____ List \$309.00



FURMAN HA-6

The Furman amplifier features 6 headphone outs, each with volume control, automatic switching to mono mode when right channel is not used, a 20 watts per channel stereo amplifier, switches for two sets of speakers, overload and signal-present LED's for each channel, ground lift, and a provision for remotely located volume controls.

HA-6 PAS price \$ _____ List \$416.00



RANE HC-6 HEADPHONE CONSOLE

The Rane model HC-6 will provide master stereo inputs which can be used to drive any or all of the 6 stereo headphone amps. A mono switch is provided on the front panel to drive both channels of all 6 amplifiers from a common mono source. Outputs for all six channels are provided on the front panel and on the rear panel so that headphones may be connected on either side.

HC-6 PAS price \$ _____ List \$419.00



ROLLS RA62 HEADPHONE AMPLIFIER

The RA 62 is an amplifier that will power six pairs of stereo headphones for high quality audio monitoring. The insert jacks may be used to monitor a single source to a single headphone. The RA62 is intended for sound reinforcement, studio, choir, and other applications.

RA62 PAS price \$ _____ List \$228.00



SHURE FP-22

The FP-22 is a 1 input, 2 output headphone bridging amplifier designed to provide headphone feed, audio line troubleshooting, extra power for existing headphone circuits or a two station intercom system. This amp features two XLR in/out connectors and two 1/4" in/out jacks. In addition, two pair of headphone outputs are provided, each consisting of one stereo 1/4" phone jack and one stereo 3.5 mm mini phone jack. Additional features include Mic/Line input switch, Hi Z/Low Z headphone switch, headphone level control, and removable belt clip. The FP-22 is powered by one standard 9v battery.

FP-22 PAS price \$ _____ List \$375.00



SYMETRIX SX204

This stereo in, 4 headphone out amplifier is especially designed to drive multiple headphones of any impedance. Symetrix' unique high voltage converter technology drives high impedance headphones to high monitoring levels without distortion. Both high and low impedance phones can be used at the same time. Ideal for recording studios, broadcast operations and headphone distribution systems. Extra headroom for Hi Z phones, stereo or mono operation, four separate outputs with individual level controls, and master input level control.

SX204 PAS price \$ _____ List \$299.00
 Rack kit PAS price \$ _____ List \$39.00

Call P.A.S. about similar units from: ATI, Fostex, RDL, Stewart, Whirlwind and more...

FOR THE LOWEST PRICES AND BEST SERVICE, CALL US FIRST
 817-483-7474 • FAX: 817-483-9952 • Order Desk: 1-800-433-7668

POWER AMPS



CROWN D45A/D75A/I50
Industry standard, studio monitor amplifier.

D45A	25W 8Ω	PAS price \$ _____	List \$395.00
D75A	40W 8Ω	PAS price \$ _____	List \$549.00
D150	95W 8Ω	PAS price \$ _____	List \$879.00



RAMSA WP SERIES

Ramsa offers both class H and AB designs. Efficient, stable, and reliable.

WP9055	50W 8Ω	PAS price \$ _____	List \$760.00
WP9110	100W 8Ω	PAS price \$ _____	List \$1000.00
WP1200	200W 4Ω	PAS price \$ _____	List \$650.00
WP1400	800W 4Ω	PAS price \$ _____	List \$800.00



CARVER PM SERIES

Lightweight, utilizes highly touted magnetic field power supply.

PM120	40W 8Ω	PAS price \$ _____	List \$560.00
PM300	110W 8Ω	PAS price \$ _____	List \$750.00



QSC

QSC offers a wide variety of amplifiers to serve virtually every need.

MX700	150W 8Ω	PAS price \$ _____	List \$710.00
MX1000a	250W 8Ω	PAS price \$ _____	List \$1075.00
MX1500a	350W 8Ω	PAS price \$ _____	List \$1295.00
MX2000a	450W 8Ω	PAS price \$ _____	List \$1745.00
MX3000	800W 8Ω	PAS price \$ _____	List \$1998.00



HAFLER PRO SERIES

Hafler designed the Pro Series to deliver fidelity, simplicity and reliability.

PRO1200	60W 8Ω	PAS price \$ _____	List \$500.00
PRO2400	120W 8Ω	PAS price \$ _____	List \$630.00
PRO5000	325W 8Ω	PAS price \$ _____	List \$1200.00



SYMETRIX 420A

Video monitor friendly. Upgraded version of A-220.

420A	20W 8Ω	PAS price \$ _____	List \$369.00
------	--------	--------------------	---------------------



ROLLS

Extremely cost effective MOSFET design.

RA2105	7W 8Ω	PAS price \$ _____	List \$360.00
RA2200	130W 8Ω	PAS price \$ _____	List \$473.00



YAMAHA P SERIES

The Yamaha P series amplifiers are ideal for both critical monitoring and sound reinforcement.

P2075	60W 8Ω	PAS price \$ _____	List \$429.00
P2160	120W 8Ω	PAS price \$ _____	List \$729.00
P2350	175W 8Ω	PAS price \$ _____	List \$949.00
P2700	350W 8Ω	PAS price \$ _____	List \$1149.00

Call P.A.S. about similar units from: Rolls, Yamaha, Ashly, Samson, Radio Design Labs, and Stewart

FOR THE LOWEST PRICES AND BEST SERVICE, CALL US FIRST
817-483-7474 • FAX: 817-483-9952 • Order Desk: 1-800-433-7668



APHEX 124A

A -10dBV to +4dBm interface, for linking consumer hi-fi equipment to professional equipment. It fits in a half rack space and featured transformerless inputs and outputs.

124A	PAS price \$ _____	List \$229.00
Rack kit	PAS price \$ _____	List \$29.95



DBX 1024

Two channel unit matches -10 dBv signals to +4dB. Signals floating electronically balanced. Inputs provide up to +25 dBu of level.

1024	PAS price \$ _____	List \$239.00
Rack kit	PAS price \$ _____	List \$20.00



ATI MATCHMAKER MMI 00

This Amplifier is a bi-directional interface to bridge a stereo pair of 600 ohm balanced, +4dBm lines and convert those signals to a normal .25V level. The Match Maker also converts the unbalanced stereo .25 Volt deck playback outputs to a transformer balanced, floating +4dBm, 600 ohm professional line level.

ATI 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.

MM100	PAS price \$ _____	List \$289.00
DP100	PAS price \$ _____	List \$259.00
Rack kit	PAS price \$ _____	List \$25.00



RANE FBB44

Passive unit requires no power supply to convert two channels -10 dBv to +4 dBu & visa versa.

FBB44	PAS price \$ _____	List \$259.00
-------	--------------------	--------------------



RUSS FRIEND AND ASSOCIATES CD 100X

This unit is designed to interface a consumer type CD player to the input of any audio console. It includes voltage regulation as well as adjustment pots. Frequency response: 15Hz to 30KHZ within 1/2 dB.

CD 100X	PAS price \$ _____	List \$99.00
---------	--------------------	--------------------



HENRY ENGINEERING "MATCHBOX"

The Matchbox is the most used level and impedance converter. It is the ideal way to correctly interconnect consumer or semi-pro equipment with professional gear. It is a bi-directional unit with four independent amplifiers to convert stereo inputs and outputs from unbalanced -10dBv levels to +4 dBm balanced 600 ohm line. The unit is direct-coupled and transformerless for absolute sonic transparency, making it ideal for digital sources such as DAT recorders.

MATCHBOX	PAS price \$ _____	List \$195.00
TWINMATCH	PAS price \$ _____	List \$195.00



VALLEY HH2X2B

The HH2x2b level matching interface resolves the level and impedance matching problems associated with interfacing -10dB equipment to the studio and broadcast equipment standards of +4 dB and +8dB, it also ensures immunity from RF pickup and hum, thanks to electronic balancing of the +4/+8 inputs and outputs.

HH2X2B	PAS price \$ _____	List \$299.00
Rack kit	PAS price \$ _____	List \$30.00

Call P.A.S. about similar units from: Zercom, Radio Design Labs, and Rolls.



COUNTRYMAN TYPE 85

The Type 85 FET direct box provides the ultimate way to connect guitar pickups, contact microphones, or electric instruments to a recording or P.A. console without loss of audio quality. Features include: indestructible housing, battery or phantom powered, internal pad for speaker bridging, true ground isolation even when phantom powered, and R.F. filtered on input and output.

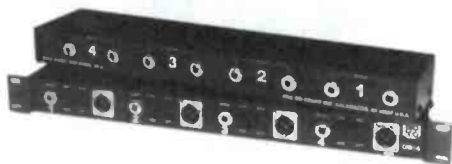
Type 85 PAS price \$ _____ List \$105.00



PROCO DB-1

This unit is designed for connecting unbalanced musical instruments, line level sources and guitar amp outputs to low-Z balanced microphone input for PA or recording. 1/4" input with parallel 1/4" output switches for speaker/line-level attenuation, high-cut filter and ground lift, male XLR-type balanced output.

DB-1 PAS price \$ _____ List \$124.50



PROCO DB-4A

This unit features floating transformer balanced XLR output for maximum isolation, 4 independent channels for 4 keyboards, drum machine outputs, etc., 3 in/out jacks per channel for convenient loop-through, ground lift switch eliminates hum and buzz. It is rack mountable, has a steel enclosure for super strength and shielding. Passive design requires no batteries or phantom power.

DB-4A PAS price \$ _____ List \$305.00



WHIRLWIND PB SERIES

Used to distribute one line level source to multiple mic level outputs. Transformer isolated & ground lifted.

PB06 6-channel	PAS price \$ _____	List \$219.00
PB12 12 channel	PAS price \$ _____	List \$369.00
PB16 16 channel	PAS price \$ _____	List \$519.00
PB24 24 channel	PAS price \$ _____	List \$769.00



WHIRLWIND PRESSPOWER

Two transformer isolated XLR mic/line inputs into sixteen transformer isolated XLR outputs.

PRESSPOWER PAS price \$ _____ List ... \$1875.00



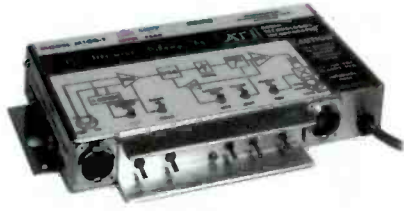
WHIRLWIND "THE DIRECTOR"

A premium direct box that converts a line, instrument or speaker level signal to a low impedance mic level. Features include a switchable low pass roll-off filter to eliminate amplifier noise, and a ground lift switch. Frequency response: 20-20KHz +/- 1 dB.

DIRECTOR PAS price \$ _____ List \$98.00

Call P.A.S. about similar units from: Rapco and Proco

FOR THE LOWEST PRICES AND BEST SERVICE, CALL US FIRST
 817-483-7474 • FAX: 817-483-9952 • Order Desk: 1-800-433-7668



ATI M1000 SERIES

The ATI precision dual microphone amp is available in two models: M1000-1 and M1000-2. The M1000-1 has dual transformer outputs while the M1000-2 has dual balanced differential outputs. They both feature transformer coupled inputs and outputs incorporating full electrostatic and magnetic shielding. They also have a flat frequency response, low distortion and low noise.

MM1000-1	PAS price \$ _____	List \$429.00
MM1000-2	PAS price \$ _____	List \$399.00
Dual rack kit	PAS price \$ _____	List \$25.00



DBX 760X

The DBX 760X is a two channel, high performance mic to line level amplifier in a compact half-rack (HR) package (rack mounting hardware included). Floating, electronically balanced line level outputs provide consistent performance into a variety of loads (1/4" unbalanced outputs also provided). Separate polarity reverse and phantom power switches are provided on each channel.

760X	PAS price \$ _____	List \$349.00
Dual rack kit	PAS price \$ _____	List \$20.00



RANE MS-1

The Rane MS-1 Mic Stage preamplifier (mic to line amp) provides the answer when you need just one microphone input in an otherwise line-level world. The MS-1 provides +48v switchable phantom power with indicator LED, continuous rotary gain trim between 20dB and 60dB, overload LED, 3-pin mic input connector, balanced tip-ring-sleeve (TRS) 1/4" output and power supply.

MS-1	PAS price \$ _____	List \$189.00
------	--------------------	---------------------



ROLLS PB23

Cost effective single channel phantom power supply. Selectable 12 or 48Vdc.

PB23	PAS price \$ _____	List \$50.00
------	--------------------	--------------------



STEWART PM SERIES

One, two, four or six channels of clean & reliable phantom power.

PM-1	PAS price \$ _____	List \$93.00
PM-2	PAS price \$ _____	List \$138.00
PM-4	PAS price \$ _____	List \$171.00
PM-6 (RM)	PAS price \$ _____	List \$269.00



SHURE FP-11

Shure's FP-11 is a portable, one input, one output microphone to line level amplifier designed for field production applications for ENG, EFP - on location film production. The balanced, locking XLR input and output provide for excellent rejection of hum and RF interference. A switchable peak limiter prevents output overload distortion.

FP-11	PAS price \$ _____	List \$325.00
-------	--------------------	---------------------



SYMETRIX SX202

Built around the same chip used in a widely acclaimed recording console, this two channel stereo/dual mono preamp delivers the ultra-clean quality and solid stereo imaging demanded by critical analog and digital recordings. Features include +48v phantom powering, polarity reversal, left/right and left+right outputs and input levels to +14dB.

SX202	PAS price \$ _____	List \$299.00
Rack kit	PAS price \$ _____	List \$39.00
Security cover	PAS price \$ _____	List \$30.00

Call P.A.S. about similar units from: Benchmark, RDL, Ramko, and more...

FOR THE LOWEST PRICES AND BEST SERVICE, CALL US FIRST
817-483-7474 • FAX: 817-483-9952 • Order Desk: 1-800-433-7668



FOSTEX G-16S

With this machine, multiple locate and zone limit functions ensure rapid operation. There's an optional built in SMPTE generator and reader and full chase synchronizer, which can run via MTC (MIDI Time Code) or MMC (MIDI Machine Control), or emulate a VTR and slave to a video editor. For spectacular audio employing 1/2" 16 tracks with Dolby S NR, choose the G-16S. Call for price and options.

G-16S PAS price \$ _____ List \$10,495.00



FOSTEX R8

If you're into sophisticated MIDI programming, then this is the multitrack tape recorder for you. It is a 1/4" format 8-track recorder. You can make the R8 operate as a slave to your MIDI system and program the R8 to run automatically. Of course, you can also dedicate a track for SMPTE time code and use our 4000 Series synchronizer system to interface with film and video post production rooms. With its extremely fast wind modes, the R8 is ideal for audio sweetening.

R8 PAS price \$ _____ List .. \$4995.00



FOSTEX G-24S

The one inch 24-track format is a proven success throughout the professional audio industry. The control panel on the G-24S is a built-in remote and with 1" 24-track and Dolby S NR, the audio quality is nothing short of spectacular - and at a price that's within reach. Call for price and options.

G-24S PAS price \$ _____ List \$16,995.00

**PAS stocks
Ampex and 3M
Tape.**

**See Page 74
for listing.**



TASCAM BR-20

Although digital equipment seems to be the main topic of conversation these days, the reality of the situation is that analog equipment will remain very viable for many broadcast, production, and related recording studios for a considerable time to come. The BR-20 series 2-track recorders have been designed specifically for such applications, implementing the very latest microcomputer control technology to deliver performance that is fully in tune with the times. The BR-20 packs outstanding performance and a wide range of advanced features into a surprisingly small, easy-to-use recorder. The BR-20 Series includes switchable 15/7.5 ips tape speeds, 10 1/2" reel size, accurate realtime tape counter, balanced +4 and unbalanced -10 dBv, 3 head reproduce system with sync monitor capability, and flexible editing facilities.

BR-20	PAS price \$ _____	List .. \$2999.00
RC402 remote	PAS price \$ _____	List \$225.00
BR-20T Time Code version	PAS price \$ _____	List .. \$3599.00



TASCAM 32 AND 34B

The TASCAM 32 two-track and 34B four-track machines have been around for quite a while. With good reason. Both offer the essentials of two and four-track recording with consistently superior reliability, handling and sound. They have selectable 15 or 7.5 ips tape speeds. +/-12% pitch control, dump edit function, cueing, and input and output level controls.

32	PAS price \$ _____	List .. \$2299.00
34B	PAS price \$ _____	List .. \$2899.00
RC71F remote	PAS price \$ _____	List \$125.00
RM300 rack kit	PAS price \$ _____	List \$60.00



TASCAM TSR8

The 8 track multitrack format is just the right size for many applications - home recording, small commercial recording studios, video post-production and others. The TSR8 is a 1/2" 15 ips 8-track machine that carries on in the Tascam tradition with new features and refined performance. The TSR8 adds external synchronizer control capability, built-in dbx type-I noise reduction, automatic punch-in and punch-out with a rehearsal function, gapless punch-in/out, spot erase, and much more.

TSR8	PAS price \$ _____	List .. \$3499.00
RC408 remote control	PAS price \$ _____	List \$225.00
RM408 rack kit	PAS price \$ _____	List \$75.00

Also see the new generation of Multi-track Digital Recorders on Page 48.

MSR Series also available —
Call for features and pricing.

CASSETTE DECKS - PRO RECORDERS



DENON DN-770R

One of Denon's most popular Bi-directional twin output cassette decks. Some features are; Twin Output, Playback two different cassettes at the same time. Playback on Deck A while recording on Deck B. Record simultaneously on both decks. High speed dub from Deck A to B. Relay Record will record on both sides of Deck A, then on both sides of Deck B. Using C90 cassettes, three hours will be recorded automatically. Independent Pitch Controls: Auto Standby, Memory rewind (Return-to zero). Other features include: Automatic tape type selector, Independent Dolby B/C, Wired remote jack, Headphone output (selectable for deck A or B), 19 inch Rack Mount.

DN770R PAS price \$ _____ List \$650.00



JVC TDW 309TN

Dual auto reverse, play/rec transports, high speed dubbing, Dolby B&C, pitch control & mic mixing w/single front panel mic input.

TDW 309TN PAS price \$ _____ List \$279.00
 TDW 709TN PAS price \$ _____ List \$349.00
 Rack kit PAS price \$ _____ List \$65.00



JVC TDR461TN

Auto reversing single well deck, silent full logic mechanism, Dolby B, C, & HX Pro, FL 4 digit linear counter switchable to digital peak display, music scan, and headphone jack.

TDR461TN PAS price \$ _____ List \$279.00
 Rack kit PAS price \$ _____ List \$65.00

**ONE CALL
 DOES IT ALL
 1-800-433-7668**



MARANTZ PMD510

Each of the two wells is a completely independent cassette deck, with its own discrete set of stereo inputs and stereo outputs. Some other features include: Simultaneous recording and playback (playback on A and recording on B or vice versa), Serial recording (B starts when A finished), Pitch Control for each well, Optically sensing quick audio-reverse and switching on both wells, Dolby B and C Noise reduction, and finally, Dolby HX Pro high frequency headroom extension.

PMD510 PAS price \$ _____ List \$799.00
 RC5PMD wireless remote kit PAS price \$ _____ List \$75.00



ROLLS RS73

Dual Cassette Deck with separate outputs and pitch control for each deck. Full function transports, each cue, review and record in a rack mount package. Model RS270 combines a CD player with one cassette transport.

RS73 PAS price \$ _____ List \$425.00
 RS270 PAS price \$ _____ List \$525.00



SHERWOOD DD4030C

Dual auto reverse cassette deck with twin motor drive system, B/C HX PRO noise reduction, Super Hi-B heads, Digi-link™ III control system, CD synch record, 20 track music search, and high speed dubbing.

DD4030C PAS price \$ _____ List \$330.00



SHERWOOD DD6030C

Dual auto reverse cassette deck with twin auto reverse full logic cassette transports, twin motor drive system, record/play on both decks, B/C HX PRO noise reduction, Super Hi-B heads, Digi-link™ III control system, CD synch record, 20 track music search, and high speed dubbing.

DD6030C PAS price \$ _____ List \$420.00

FOR THE LOWEST PRICES AND BEST SERVICE, CALL US FIRST
 817-483-7474 • FAX: 817-483-9952 • Order Desk: 1-800-433-7668



SONY TCW345

Dual well, high speed dubbing, Dolby B&C, MXP filter, tape counter, LED level indicators.

TCW345 PAS price \$ _____ List \$150.00



TASCAM 102/103/202MKII

This stereo cassette machine is a cost effective two head mixdown deck for musicians that has all the durability and sound quality you expect from Tascam. It features Dolby B and C noise reduction systems, Dolby HX pro headroom extension, automatic tape selection, bias fine tuning control, electronic tape counter, master recording level control with left and right channel preset level controls, 2 - motor IC logic transport control system, and a headphone jack.

102 PAS price \$ _____ List \$399.00
 103 3-head PAS price \$ _____ List \$549.00
 202MKII Dual PAS price \$ _____ List \$499.00
 Rack kit PAS price \$ _____ List \$65.00



TASCAM 122MKIII

The industry standard. 3 head transport, independent azimuth adjustment, direct drive, balanced I/O.

122MKIII PAS price \$ _____ List ... \$1299.00
 RC134 remote control PAS price \$ _____ List \$225.00



TASCAM 112RMKII

The 112RMKII offers a three-head transport, outstanding bi-directional recording and playback performance, and a precision tape counter and locator.

112MKRII PAS price \$ _____ List ... \$1099.00
 LA112 Balancing kit PAS price \$ _____ List \$100.00
 RC112R remote control PAS price \$ _____ List \$225.00



TASCAM 112MKII

Basic no-frills two head professional "Workhorse" that offers outstanding performance, stability, and reliability.

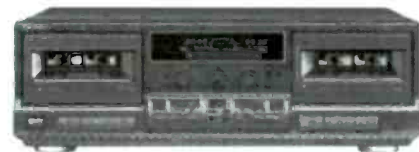
112MKII PAS price \$ _____ List \$829.00
 LA112 Balancing kit PAS price \$ _____ List \$100.00
 RC134 remote control PAS price \$ _____ List \$225.00



TECHNICS RS-TR232

One auto-reversing transport dual well deck with Dolby B/C & HX Pro

RS-TR232 PAS price \$ _____ List \$209.00
 RS-TR373 Both transports A/R PAS price \$ _____ List \$219.00
 RS-TR575 Dual Record PAS price \$ _____ List \$269.00
 Rack kit PAS price \$ _____ List \$65.00



TECHNICS RS-TR979

This double quick-reverse cassette deck features high speed FF/REW with motor driven cassette well doors. Additional features include dual linear electronic tape counters, 2 motor full logic control, simultaneous parallel recording from the same source, and double quick reverse with 3 hour series recording and 24 hour series playback(C90). Dolby HX Pro and B-C NR systems, CD synchro editing with selected Technics CD players, high speed editing with synchro start/stop, and Tape Program Search.

RS-TR979 PAS price \$ _____ List \$419.00
 Rack kit PAS price \$ _____ List \$65.00

MRL and STL Test Cassette Tapes are available.
 Call your PAS rep today for the details.



MARANTZ PMD 101

The PMD 101 has all of the features a professional recorder should, including a built in speaker, electret condenser microphone, normal or 1/2 speed operation with $\pm 20\%$ pitch control on playback, external mic input, line I/O, and more—all housed in a sturdy metal chassis. By eliminating some of the bells and whistles which are so crucial to highly specialized applications (but not so useful to the rest of us), Marantz has been able to retain the legendary performance and reliability of PMD recorders, in a new, more cost-effective deck.

101 PAS Price \$ _____ List \$259.00



MARANTZ PMD 201

The PMD 201 is a mono recorder that is completely portable featuring a miniplug microphone input, built in condenser mic, remote jack, RCA line in and out, 1 VU meters, and two recording speeds, 1 7/8, and 15/16 IPS. It also features pitch control as well as audible cue and review, and full auto shut-off. 3 "D" batteries will provide 7 1/2 hours of recording time, or the optional RB430 rechargeable battery will provide 5 1/2 hours of recording with one charge.

201 PAS Price \$ _____ List \$329.00



MARANTZ PMD 221

The PMD 221 by MARANTZ has all of the features of the 201 except that it has three heads rather than two. This not only extends the life of the heads, but it also enables monitoring to take place during recording. Optional rechargeable battery and carrying case are also available.

221 PAS Price \$ _____ List \$399.00



MARANTZ PMD 222

This machine also has three heads for the best in mono recording, and all of the features of the 221, but the 222 has an XLR mic input plug.

222 PAS Price \$ _____ List \$429.00



MARANTZ PMD 430

The PMD 430 is the top of the PMD line with stereo recording capability, three heads, pitch adjustment, and all the features of the other PMD units. Weight of all the PMD units is 2.9 pounds, and the 430 has a 1/4" mic line input plug.

430 PAS Price \$ _____ List \$599.00

MARANTZ ACCESSORIES

CLC221 Case	PAS Price \$ _____	List \$40.00
RB430 N-Cad Battery	PAS Price \$ _____	List \$75.00
DA36 AC Converter	PAS Price \$ _____	List \$45.00
Field Support Kit	PAS Price \$ _____	List \$60.00



SONY TC-D5PRO II

This portable cassette machine has a Capstan-servo Disc Drive system, a VU metering system with peak indicator, a Dolby NR system, and will record for Approx. 4.5 hours with "D" size alkaline (LR20) batteries. Optional AC adaptor is available. The total weight of this machine is 3lb, 12 oz.

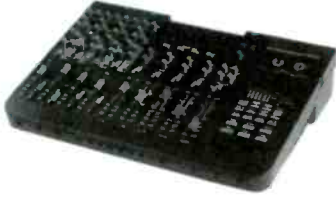
TC-D5PRO II PAS Price \$ _____ List \$999.00



SONY TCM-5000EV

The TCM-5000EV is a portable cassette recorder that has three heads, as well as a voice operated recording system as well as automatic/manual recording level adjustment, pre-end.

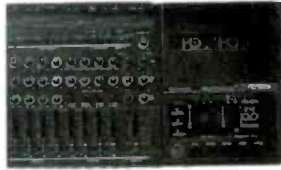
TCM-5000EV PAS Price \$ _____ List \$499.00



FOSTEX 380S

12 input (4 mono & 4 stereo) full function mixer w/mid-sweep EQ. Tape section features Dolby S.

380S PAS price \$ _____ List ... \$1195.00



FOSTEX X-28 MULTITRACKER

The X-28 has a built in 8X2 mixer so you don't have to worry about which instrument is plugged in where. The full logic transport control speeds up working also, plug in the optional footswitch and you have an auto rehearse function. It will keep rewinding to a preset point so you can rehearse a punch-in. Features include standard speed & Dolby B NR, 8 inputs (+2 aux returns), records 4 tracks at once, and has backlit meters and full function LCD display.

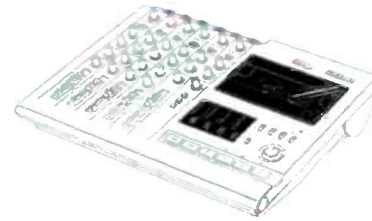
X-28 PAS price \$ _____ List \$699.00



MARANTZ PMD 740

This Multi track machine features 6 channel inputs (with a choice of input connectors) located on the back of the unit for improved studio organization, 2 headphone outputs with independent sources that allow the engineer and the musician to hear separate mixes, dedicated cue output for a separate amplified monitor mix, and direct recording capability from all six channels, track bouncing capability, and more than 20 indicator LEDs allow the user to constantly monitor all major recorder features. The angled, backlit meters are easy to read in any light, the green meter backlight turns red when the associated track is recording. A 3 band, semiparametric EQ section even includes a bandwidth control for the sweepable midrange. The Dolby HX Pro provides extended high frequency headroom, and four balanced XLR Mic inputs minimize EMF and RF interference keeping clean signals clean.

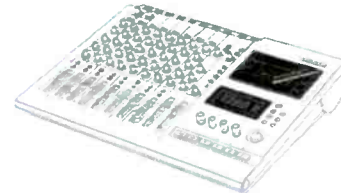
740 PAS price \$ _____ List \$999.00



TASCAM 424 PORTASTUDIO

The 424 is designed to meet the needs of the musician and songwriter with many features to include an 8 input mixer (4 mic/line inputs plus 2 stereo line inputs), switchable dbx noise reduction, 4 track simultaneous record, sync in/out jacks, pitch control, and headphone jack.

424 PAS price \$ _____ List \$699.00



TASCAM 488 MKII PORTASTUDIO

The 488 Portastudio is a compact personal 8-track studio that is both easy to use and affordable bringing the flexibility of 8-track recording within everyone's reach. It features 2 mono mic/line, 6 mono and 2 stereo line inputs, 2 effect sends, 2 band EQ on mixer channels 1-8, switchable DBX noise reduction, input assign allows mic/line access directly to Group masters, return-to-zero auto-locate to memo point 1 or 2, loop between memo points 1 & 2. It also has a mix feature that allows tape and input to share a channel, switchable sync in and out jacks, and 8 tape tracks and 2 monitor LED meters.

488 MKII PAS price \$ _____ List ... \$1799.00



TASCAM 588 MIDISTUDIO

The 688 is a compact, 8-track cassette, self contained recording system suited to the MIDI oriented studio setup where the user needs both more inputs for virtual tracking and more actual tape tracks. It has full featured 20 input mixer (10 balanced XLR), built-in dbx noise reduction (defeatable), gapless auto punch in/out & rehearsal modes, built-in MIDI tape synchronizer with song pointer, serial interface for external synchronization, and a unique "scene display" system with memory.

688 PAS price \$ _____ List .. \$3799.00



TASCAM 2640MS/2S CASSETTE DUPLICATOR

Here are some more features: High quality, low cost cassettes in large quantities at nearly 16 times normal speed. The series offers both 1/4 track (stereo) and 1/2 track (mono) versions. Built-in monitor speaker and level control (MS only), automatic rewind switch on master deck.

T26401/MS Master Slave	PAS price \$ _____	List .. \$3299.00
T26401/2S Dual Slave	PAS price \$ _____	List ... \$3199.00



TELEX 121 MONO/STEREO

THE FEATURES INCLUDE: Normal or Chrome cassettes up to C-90, FG Servo DC direct drive capstan motor, 3 direct drive brushless DC motors, Master deck pitch control (+/- 3%).

COPYETTE

Ease of use is key to copyette's popularity. One button operation allows even the most inexperienced user to begin producing. The whole process can be stopped at any time by pressing the cycle button. Track select is a feature that allows you to copy one side of a tape at a time or both sides at once. Long lasting, worry-free dependability. The Copyette 1*2*1 series weighs only eight pounds (3.6 kg) but features a durable, impact resistant housing and comes with removable ac cord and protective plastic dust cover.

Copyette 121 Mono	PAS price \$ _____	List \$450.00
Copyette 121 Stereo	PAS price \$ _____	List \$735.00
Copyette 123 Mono	PAS price \$ _____	List ... \$1099.00
Copyette 123 Stereo	PAS price \$ _____	List ... \$1800.00



TELEX ACC 2000/4000

These features include the following: Individual Rotary Audio Level Controls, Record level LEDs, Short Tape indicators, Track select, Auto/Manual, Rewind. This button can be used to rewind tapes back to the start in either the auto or manual mode. Stop all tapes instantly at any point during the copying or rewinding cycle. Lastly, copy in the AUTO mode, this button activates the entire rewind/copy/sequence.

ACC2000 Mono Master	PAS price \$ _____	List ... \$1800.00
ACC2000 Mono Slave	PAS price \$ _____	List ... \$1800.00
ACC4000 Stereo Master	PAS price \$ _____	List .. \$2600.00
ACC4000 Stereo Slave	PAS price \$ _____	List .. \$2600.00

**Bulk Cassettes
Ideal for Duplication
are on page 76.**



AUDI-CORD DL SERIES

The DL series features replay lock-out and reminder to prevent accidental replay errors. Automatic motor turn off if selected conserves power and heat. This machine also has automatic meter switching from record to replay as well as recording shut-off with the end of SEC tone option is provided. A Cart holding system for positive location of the cartridge, slide back cover design allow for quick cleaning access, and complete remote control connections and plugs are furnished.

DLPM P/B Mono 2 Cue	PAS price \$ _____	List ... \$1000.00
DLPS P/B Stereo 2 Cue	PAS price \$ _____	List ... \$1100.00
DLRM Rec/Play Mono 2 Cue	PAS price \$ _____	List ... \$1420.00
DLRS Rec/Play Stereo 2 Cue	PAS price \$ _____	List ... \$1640.00
DLDM Dual Transport Mono	PAS price \$ _____	List .. \$2500.00
DLDS Dual Transport Stereo	PAS price \$ _____	List .. \$2900.00
Timer Option	PAS price \$ _____	List \$80.00
Rack kit	PAS price \$ _____	List \$65.00



DYNAMAX CTR 10 BY FIDELIPAC

The Dyanmax CTR 10 has many features including automatic fast forward which may be activated at the beginning or end of the secondary cue tone, or entered manually. Both units have state of the art head bridge assemblies, a unique cartridge hold down system, and also a cleaning switch which allows the pressure roller to be activated without inserting a cartridge, which permits easy cleaning even when the machines are stacked. All decks are removable for service without disabling the machine.

CTR11 Mono P/B	PAS price \$ _____	List ... \$1795.00
CTR12 Stereo P/B	PAS price \$ _____	List ... \$1935.00
CTR13 Mono Rec/Play	PAS price \$ _____	List .. \$2640.00
CTR14 Stereo Rec/Play	PAS price \$ _____	List ... \$2890.00
Rack kit	PAS price \$ _____	List \$100.00
Service Manual	PAS price \$ _____	List \$40.00

Maintenance kits available



BE DT 90A

Reliable rugged and easy to maintain. Full feature cart machines.

DT90AP Mono Play	PAS price \$ _____	List ... \$1650.00
DT90ARP Mono Rec/Play	PAS price \$ _____	List ... \$2500.00
DT90APS Stereo Play	PAS price \$ _____	List ... \$1800.00
DT90ARPS Stereo RIP 2	PAS price \$ _____	List .. \$2750.00
Rack kit	PAS price \$ _____	List \$270.00
Extended board	PAS price \$ _____	List \$145.00

For Spare Parts Kit Call!



DYNAMAX CTR 100 BY FIDELIPAC

The CTR 100 features it's own splice finder, real time tape counter, cleaning switch cartridge steering and hold down rollers, self aligning pressure roller, positive reference head bridge, and a variable speed DC servo motor. The CTR 100 also features "CARTSCAN", which allows carts recorded at elevated level, mono and matrix stereo to be intermixed with carts recorded in standard level and discrete stereo formats. It also provides a method of coding cartridges so that insertion of specific carts into the machine will activate an external function, such as noise reduction, tally lights, EBS equipment, etc. Call PAS and ask about the many other features of this machine.

CTR111 Mono P/B	PAS price \$ _____	List .. \$2675.00
CTR112 Stereo P/B	PAS price \$ _____	List .. \$2880.00
CTR123 Mono Rec/Play	PAS price \$ _____	List ... \$4475.00
CTR124 Stereo Rec/Play	PAS price \$ _____	List ... \$4830.00
Rack kit	PAS price \$ _____	List \$100.00
Service Manual	PAS price \$ _____	List \$40.00

Maintenance kits available

**Cart Tape
Located on
Page 76.**



FIDELIPAC ESD-10 SPLICE FINDER ERASER

Operating at high speed, and using dual full-track erase heads with a 200 kHz erase frequency, the design eliminates the noisy and heat producing degaussing coils typically found in bulk erasers. Utilizing Fidelipac's patented splice location system, no sensitivity adjustments are ever required. Most parts are compatible with other DYNAMAX Recorder/Reproducer products.

ESD10 PAS price \$ _____ List ... \$1290.00
 Service Manual PAS price \$ _____ List \$30.00

FIDELIPAC PRECISION ALIGNMENT EQUIPMENT

452 Wow & flutter test cartridge PAS price \$ _____ List \$48.00
 456 Stereo sweep test cartridge PAS price \$ _____ List \$76.00
 326 Height gauge PAS price \$ _____ List \$30.00
 328 Head insertion gauge PAS price \$ _____ List \$8.00
 387 Right angle Zenith gauge PAS price \$ _____ List \$36.00
 HG-1 Height & Zenith gauge for
 Dynamax cart machines PAS price \$ _____ List \$45.00



GARNER I400

The basis for Garner's superiority is a revolutionary coil design that overcomes the wasted energy and limited erasure effectiveness of other erasers. That's because Garner uses a coil design that concentrates all generated flux into a single, high intensity field right where the tape passes. This concentrated flux delivers maximum erase effectiveness and negligible heating of reel flanges.

1400 PAS price \$ _____ List .. \$3990.00



AUDIOLAB TD-18

Erases audio, video, computer, data tape, magnetic films, cartridges, cassettes, and tapes up to 3/4", and accommodates up to 10 1/2" NAB reels. Provides a wide focused magnetic field to assure complete erasure. Transien protection to prevent permanent tape damage. 115 and 220 volt, 50-60 Hz models available.

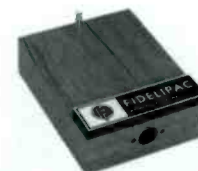
TD-18 PAS Price \$ _____ List \$135.00



FIDELIPAC BLANK-IT

Molded of unbreakable plastic, rugged, lightweight, and properly balanced to minimize fatigue during prolonged use. Blank-It's high mu magnetic core supplies 1550 Gauss of erasure power at 1/4 inch from its base center, and will perform at a longer duty cycle than similar units.

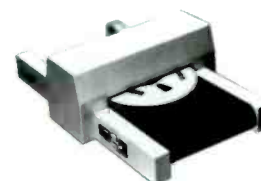
395 Blank-It PAS Price \$ _____ List \$85.00



FIDELIPAC 400 ERASER

Fidelipac's most powerful bulk eraser, providing over 2000 Gauss of erasure power. Featuring a hardwood case, die cast zinc edge guide, removable aluminum pivot pin, and non-skid feet, it will efficiently erase magnetic media on reel sizes up to 11" in diameter.

400 PAS Price \$ _____ List \$160.00



GARNER DEGAUSSERS

Garner has designed their units to automate your tape erasing operations and to eliminate residual noise problems. Just hit the power button and drop any reel, cartridge or cassette on the endless belt. In four seconds it delivers a clean "no whump" erasure that will meet stringent recording standards. You'll save valuable man-hours and do a better job of erasing.

70 PAS Price \$ _____ List ... \$1450.00
 105 PAS Price \$ _____ List ... \$1790.00



AEQ MAR SYSTEM

Easy touch screen operation. System configuration from 1 to more than 10 users with real time simultaneous access to the audio files. Storage capacity is from 5 to 80 hours of stereo audio on hard disk. Unlimited storage on optical re-writeable disks with 6 hours of stereo audio per disk. The audio coding & decoding in conformity with ISO/MPEG Layer II (MUSICAM). Versions for DTMF or continuous data channel tele-command. Automatic news recording system activated by DTMF. Open system design allows easy modification and/or upgrading. Data importable & exportable through ASCII files. Requires PC 386 DX 33 with 2mb RAM minimum & hardware LAN @ 10 megabits/second or more, Ethernet or Token Ring. Available in English, Spanish or French.

Call for price.



CONEX CS-25B

The CS25B is a compact & modular 25 hz tone sensor for use in broadcast automation.

CS-25B PAS Price \$ _____ List \$417.00



CONEX CG-25A

Compact, self-contained desk top or rack mount tone generator. Choose from pre-set or manually timed tones. Built-in High Pass filter.

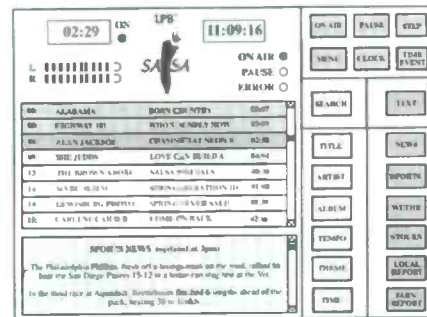
CG25A PAS Price \$ _____ List \$420.00
Rack Mount PAS Price \$ _____ List \$27.00



DENON DN-1200F/1200C

Denon's 200 CD changer establishes industry benchmark. The DN1200F 200-disk CD changer & DN1200C changer controller are the subjects of considerable interest for the broadcast community. The DN1200C can control up to 4 DN1200F transports - 800 CD's total! Call for the details.

DN-12000C PAS Price \$ _____ List .. \$4000.00
DN-12000F PAS Price \$ _____ List .. \$3200.00



LPB SALSA

The standard package features a 386 SX 33 PC System, 12+ hours of stereo audio, 24 hr. a day - 365 days a year service. Accepts any common logging & billing system, accepts any common music scheduling system. Simultaneous recording and playback of audio. Dolby AL-2 available. LIVE ASSIST features. Full mouse control, play any audio on the hard drive immediately, like carts & many more. Satellite features include the ability to walk away for days. Call for all the specific details and remember, Texans know Salsa! System includes PC, satellite & Live Studio Assist features.

Systems start at \$8995.00



ZERCOM 25HZ PROCESSORS

2 channel 25 hz balanced tone decoder & dual program amplifier w/25 hz notch filters.

88051 - Unbalanced version PAS Price \$ _____ List \$439.00
88085 - Balanced version PAS Price \$ _____ List \$519.00

LOGGERS/BROADCAST DELAYS/ AUTO METERING



ATI MICRO METERS

Give yourself that warm, secure feeling of displaying all those "important" audio signals economically & simultaneously. All models rack mountable.

VU200 - Stereo Pair	PAS Price \$ _____	List \$595.00
VU400 - 2 Pair	PAS Price \$ _____	List \$799.00
VU600 - 3 Pair	PAS Price \$ _____	List ... \$1049.00
VU800 - 4 Pair	PAS Price \$ _____	List ... \$1299.00



ESE ES-215/216

Choose either Peak Reading or VU. The ES215 range is -25 to +4 db & the ES216 measures -20 to +3db.

ES-215P2	PAS Price \$ _____	List \$351.00
ES-216P2	PAS Price \$ _____	List \$177.00



EVENTIDE BD980

THE broadcast profanity delay. Stereo operation, ten second max delay, ingenious entry/exit modes. Transparent audio quality.

BD890	PAS Price \$ _____	List .. \$5495.00
-------	--------------------	-------------------



EVENTIDE BD941/942

Obscenity protection, so cost effective no station can afford to be without it. The BD941 is available as a 6 sec. fixed mono or a 2 sec. fixed mono, the BD942 is available as a 3 sec. stereo, or as a 6 sec. stereo.

BD941 6 sec.	PAS Price \$ _____	List ... \$1795.00
BD942 2 sec.	PAS Price \$ _____	List ... \$2195.00
BD941 3 sec.	PAS Price \$ _____	List ... \$1995.00
BD942 6 sec.	PAS Price \$ _____	List .. \$2395.00



EVENTIDE VR240

The VR 240 digital broadcast logger is so efficient it makes logging practical. It can log 10 days on a DAT data grade tape. Log your programs, your competition, contest lines and even modem and fax transmissions. Call your PAS representative to help configure a system to fit your needs. The VR240S is a: single drive, 8 channel logger, and the VR240D is dual drive, 8 channel logger.

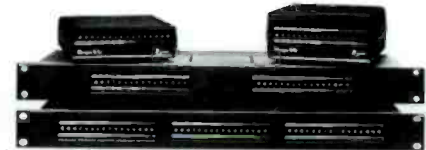
VR240SII	PAS Price \$ _____	List \$15,390.00
VR204 4 channel	PAS Price \$ _____	List .. \$7495.00



DORROUGH 40 SERIES

The 40 series has 3 precision meters, Model A for standard loudness, Model B relative loudness to peak modulation meter & a Telecine transfer meter. All have peak hold & rack kits available.

ES215 P2	PAS Price \$ _____	List \$358.00
ES216 P2	PAS Price \$ _____	List \$177.00



LOGITEK

Fast action catches audio peaks you missed. Selectable peak or average response, several versions available.

BV2C - Stereo meters RM	PAS Price \$ _____	List \$545.00
BV4S - Dual Stereo RM	PAS Price \$ _____	List \$795.00
BV6S - Triple Stereo RM	PAS Price \$ _____	List \$995.00



RADIO DESIGN LABS RU-SM12

Precision audio metering, precise left/right meter tracking, individual channel calibration controls; peak or average metering, peak L & R/L-R metering, 1/3 rack.

RUSM12	PAS Price \$ _____	List \$169.00
Rack Kit	PAS Price \$ _____	List \$31.90

FOR THE LOWEST PRICES AND BEST SERVICE, CALL US FIRST
817-483-7474 • FAX: 817-483-9952 • Order Desk: 1-800-433-7668



AUTOGRAM AUTOCLOCK

Panel mount or stand alone, Autogram's AutoClock offers time of day, stopwatch, date, temperature, plus high and low temperature of the day. The AutoCount features a count-up timer and stopwatch.

10 PAS Price \$ _____ List \$375.00
20 Auto Count PAS Price \$ _____ List \$193.00



ESE METER CLOCKS

ESE offers master systems to control all the clocks in your broadcast facility. The economical model ES160 can drive 100 slaves without buffering. The ES180A derives accurate time by receiving & decoding the time transmitted by the National Bureau of Standards.

ES180A - Master NBS Clock PAS Price \$ _____ List ... \$2100.00
ES161A - Digital 55" PAS Price \$ _____ List \$201.00
ES991AE - 2" LED PAS Price \$ _____ List \$395.00
ES160 - Master PAS Price \$ _____ List \$1315.00

Call for your application.



ES302A

Up, down, stop, reset & preset via 4 digit. Easy to use lever wheel switch. Numerous options are available. Call for all the details.

ES302A PAS Price \$ _____ List \$365.00



RADIO SYSTEMS CL-3 CLOCK

The CL-3 is a crystal controlled 12 or 24 hour clock. Synchronizes with 10 Hz pulse from analog or digital master clock systems. Model DTC-6 may be used as master drive of slave unit. Can drive up to 5 AC-12 analog wall clocks and feature top of the hour relay closure and external reset. Model DWC-6 has a 2.3" display. Model AMD-1 is a fully synchronized driver that can handle up to fifty analog clocks and can accept external time base.

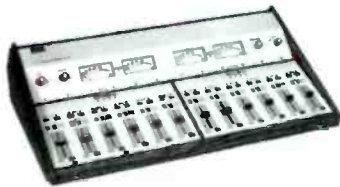
CL-3 Clock PAS Price \$ _____ List \$195.00
DTC-6 Clock PAS Price \$ _____ List \$395.00
DWC-6 Clock PAS Price \$ _____ List \$795.00
AMD-1 Driver PAS Price \$ _____ List \$525.00
AC-12 Analog Clock PAS Price \$ _____ List \$95.00
TM-3 Timer PAS Price \$ _____ List \$195.00



SETH THOMAS CLOCK

2635 12" electric clock PAS Price \$ _____ List \$23.50
725 8" quartz PAS Price \$ _____ List \$27.50
2636 12" quartz PAS Price \$ _____ List \$32.95

**Can't find the Time Piece
you're looking for?
Call us. We have an
extensive list of suppliers.**



ATI VANGUARD SERIES

Reliable, yet cost effective on-air console. VCA level controls, modular serviceable RF proof. A good, clean, reliable choice.

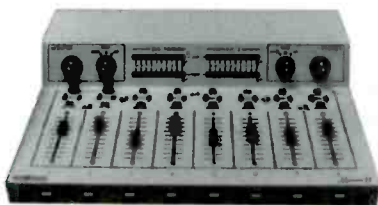
List prices starting at \$3095.00. Call for your application.



BE 4S50A

Straightforward, neat design. Ideal for newsrooms, edit suites, and student radio.

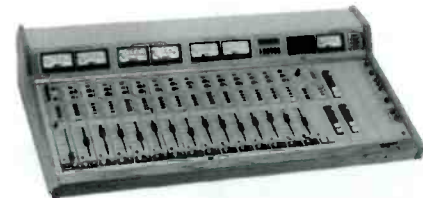
4S50A PAS Price \$ _____ List .. \$2300.00



AUTOGRAM MINI MIX 8

Autogram's Mini Mix 8 is a compact console featuring an aluminum case with oak endbells, two stereo output buses, eight plug in slide pots, Mono output, 12 stereo inputs including six unbalanced stereo phono jacks for consumer equipment and six high-level balanced pro-stereo inputs, two dedicated mike pots with pan, and cue amplifiers with built in speaker.

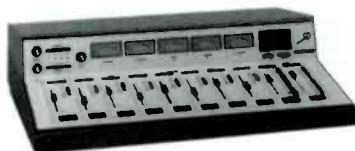
MINI MIX 8 PAS Price \$ _____ List .. \$2499.00
 MINI MIX 12 PAS Price \$ _____ List .. \$3499.00



BROADCAST AUDIO SERIES VI BY FIDELIPAC

Great sounding audio, double sided ground plane, mother boards, hall effect on/off switches, P&G faders.

System 8-VI PAS Price \$ _____ List .. \$7400.00
 System 12-VI PAS Price \$ _____ List .. \$9620.00
 System 16-VI PAS Price \$ _____ List \$12,240.00
 System 20-VI PAS Price \$ _____ List \$14,390.00
 System 24-VI PAS Price \$ _____ List \$17,950.00



AUTOGRAM PACEMAKER 1032

The Pacemaker 1032 features ten pots including eight dual and two with eight inputs each, machine control for all inputs, electronic switching, and Penny & Giles linear conductive plastic pots. This console has up to eight patchable microphone preamplifiers, Shadow selector switches, and also will take an optional autoclock or autocount. The Pacemaker series also features several other models, call for additional information.

1032 PAS Price \$ _____ List .. \$7527.00
 1644 PAS Price \$ _____ List ... \$9215.00



BE MIX TRAK 90

Advanced modular design, total VC control, automatic sequencing. Balanced and floating output busses, 3 mix minus busses. P&G faders, hall effect switches, full logic. Designed for on-air use.

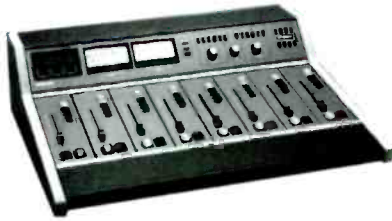
Call for quote on your configuration.



BE AIR TRAK 90

Designed to meet the demanding requirements of a fully featured linear console. Whether you decide on the 6, 12, 18, or 24 channel Air Trak 90, you can expect years of reliable and efficient Performance.

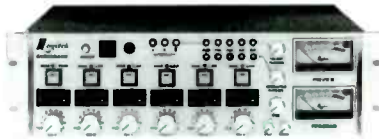
Call for quote on your configuration.



FIDELIPAC DYNAMAX MX SERIES

Dynamax MX Series is a true breakthrough in the field of cost effective audio mixing consoles. The MX series features a true modular design, active balanced line inputs, transformer isolated mic inputs, active balanced main and monitor outputs, a built-in cue amp with speaker and amplified stereo 8-ohm headphone output, two standard input expansion switches, two inputs per module (mic/line or line/line). Line inputs may be mono or stereo, consumer or professional format, available with rotary or linear faders and in 6, 8, 10, or 12 channel models.

List prices starting at \$3270.00. Call for pricing.



LOGITEK AUDIO RACK

A complete rack-mountable console, Logitek's Auditorack brings low noise, low-distortion audio to newsrooms, dubbing stations, truck and wherever reliability and performance are vital.

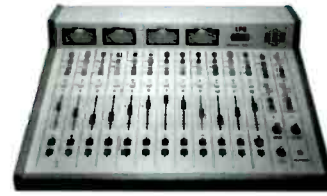
Audio Rack Mono	PAS Price \$ _____	List .. \$2900.00
Stereo Rack	PAS Price \$ _____	List .. \$3900.00



THE MARINER CONSOLE BY LOGITEK

The Mariner comes in several different models. Many of the features include fully enclosed aluminum case, heavy copper ground bar for RF rejection, removable meter bridge for easy wiring, plug in switches, faders, pots and IV's. Modular mixers contain front panel controls and all electronics, mixers may be changed while the console is in operation, balanced inputs and outputs, and programmable logic for easy interface to almost any control system. All of the Mariner consoles have Euro style terminal blocks for quick installation.

List prices starting at \$4465.00. Call for pricing.



LPB 7000 SERIES

LPB 7000 series features two inputs per channel, three stereo output buses, three Mono-mixdown outputs, three Stereo and Mono Tape Outputs, modular plug-in electronics for each channel, an external monitor with headphone and VU inputs, Penny & Giles 3000 Series linear faders, start and stop timer which follows channel on and off, and is available in 12 or 18 channel.

7012	PAS Price \$ _____	List .. \$6995.00
7018	PAS Price \$ _____	List .. \$9295.00



RAMKO XL SERIES AUDIO CONSOLES

The Ramko XL Series starts with the XL42S and goes up to the XL12/25/LF-I to meet the needs of most professional applications. Features include full stereo or mono operation, four, six, eight, and twelve mixer consoles, single and dual output versions, separate stereo mix (mono) balanced out. All mic/line inputs are jumper programmable for stereo or mono feed, programmable muting for each mixer, external 20 watt power amplifier included, and feature 4" multi-color, expanded scale solid state VU meters. The "on air" light's relay is programmable, and the switching is solid state.

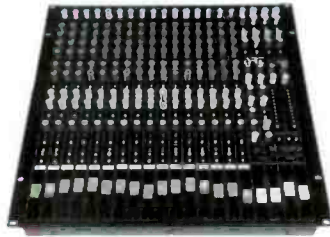
List prices starting at \$2199.00. Call for pricing.



SOUNDCRAFT SAC200

The SAC 200 broadcast console is a sophisticated, high quality radio desk. A combination of extensive facilities, a wide choice of modules, universal interfacing and outstanding user-friendliness makes this the most complete console for the price.

Call for Pricing.



ART PHANTOM 2408

24 input channels, 16 balanced XLR mic inputs, 24 line inputs, 4 pre-fader sends, 4 post-fader sends, 4 band EQ.
 2408 PAS Price \$ _____ List ... \$1099.00



MACKIE MICRO SERIES 1202

The Micro Series 1202 was designed to be a no-compromise, professional quality ultra-compact mixer. Electronically, it's a "chip off the old block", with the same mic preamp and mixing circuitry found on the CR-1604. The MicroSeries 1202 provides -90dB working S/N and 116dB internal dynamic range.

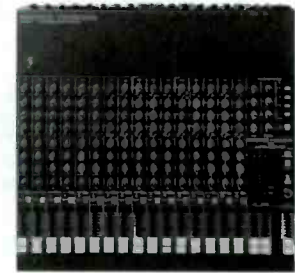
1202 PAS Price \$ _____ List \$399.00
 Rack Kit PAS Price \$ _____ List \$12.00



AUDIO-TECHNICA ATMX 341 SMART MIXER

Priority switch for each channel. Choose one at a time operation, all active, or moderator override. Easy operation, great performance.

ATMX 341 PAS Price \$ _____ List \$799.00



MACKIE CR-1604

In less than three years, the CR-1604 has become an industry standard for compact 16 channel mixers. For the broadcast, sound contracting and recording studio user, the CR-1604 offers features, specs and day-in-day-out reliability that rivals far larger boards, while fitting in as few as 7 rack spaces. It's remarkable features include up to 24 usable line inputs, seven AUX sends, 3 band equalization, discrete front end phantom-powered mic inputs and more. For the quietest 16 channel board on the market, choose the Mackie CR-1604.

1604 PAS Price \$ _____ List ... \$1099.00
 Otto 1604 Mid Automation PAS Price \$ _____ List \$849.00
 Roto Pad PAS Price \$ _____ List \$25.00



EDCOR MX100PX AND MX300PX

The MX100P and MX300PX are flexible, reliable, user friendly and cost effective audio mixers. They will allow change as your needs change. The MX100PX and MX300PX are for the professional in today's multimedia world.

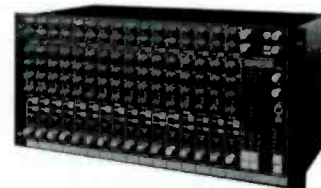
MX100P PAS Price \$ _____ List \$239.00
 MX300P PAS Price \$ _____ List \$459.00



ELECTROVOICE ELX-1A

The single-rack-space ELX-1A is designed for broadcast and production recording, where clean audio and reliable operation are important. Extensive filtering circuitry and shielding protect against RF interference. Powerable from AC line or external DC source. Includes switchable, 1 kHz oscillator, output limiter and phantom power.

ELX1A PAS Price \$ _____ List \$639.00



MACKIE LM-3204

The new LM-3204 packs more inputs into less rack real estate than ever before. Sixteen stereo (16x2) inputs plus four stereo (4x2) AUX returns with the sound quality and features that Mackie is famous for.

LM-3240 PAS Price \$ _____ List \$995.00



PHONIC PMX1600A

The Phonic PMX1600A is a rack-mount 16 channel stereo mixer that incorporates 3 band Semi-parametric Equalization, three Auxiliary sends per channel, a PFL button, four stereo effects returns, and a talk-back microphone input on the front panel. 16 low impedance mics can be connected; eight via XLR-type connectors and eight with 1/4" tip-ring-sleeve. 48 Volt Phantom power is switchable.

PMX1600A PAS Price \$ _____ List \$999.00



RAMKO XL6MLA

The xL6MLA has six inputs with dual balanced XLR mic inputs and phone jack high level input feeds on each. Solid state balanced low impedance outputs. Front panel head phone jack and level control and master level control. Also adds output metering and +21v phantom power to all mic inputs.

XL6MLA PAS Price \$ _____ List \$533.00



RAMSA WR-133

An 8x2 mixer for recording and reinforcement as a primary or sub mixer with effect and monitor sends, balanced mic/line inputs, phono inputs, balanced and unbalanced outputs, the WR-133 is compact and portable with its own carrying handle and detachable hard cover.

WR-133 PAS Price \$ _____ List \$1470.00

Rack Kit PAS Price \$ _____ List \$100.00



RANE SM82

The Rane SM82 is the equivalent of a SIXTEEN channel mixer in one rack space. Each of the 8 stereo input channels feature a stereo rotary input level control, a stereo AUX send level control slider and a left to right balance control slider. The output stage includes a rotary level control and a slide control for balance. Other features: 1 stereo auxiliary send, 1 stereo auxiliary return, stereo balance controls, stereo output, and is fully expandable.

SM82 PAS Price \$ _____ List \$599.00



RANE CM86

The CM 86 Compact Mixer is an eight channel mixer with unusual flexibility and advanced features. Designed to be small and versatile, the CM 86 fulfills all requirements for fixed installation and transportable mixers and situations where complexity, size and cost of regular mixers is prohibitive. This mixer offers 8 mic or line-level inputs, individual phantom power switches, transformer input option, 6 independent outputs, and terminal strip & 3-pin I/O.

CM86 PAS Price \$ _____ List \$1399.00



ROLLS RM64 MIXMAX 6

The RM64 is a full function 6 channel console mixer in 1 rack space. It has 6 XLR mic inputs and 6 1/4" line input jacks. The RM64 offers monitor, effects sends and pan on each channel, treble and bass tone controls for each channel, individual phantom power switches for each channel, all in a 19" EIA rack chassis.

RM64 PAS Price \$ _____ List \$320.00



ROLLS RM83 MIXMAX 2

The RM83 is a basic 8 channel stereo mixer in a single space 19" rack chassis. It features 16 mic/line inputs on 8 stereo channels. RCA bridging jacks for direct access to the mix, XLR inputs, and 8 mute pins for remote muting for all channels is also standard.

RM83 PAS Price \$ _____ List \$290.00



SAMSON MPL2242

22 inputs, 10 XLR balanced inputs, six stereo inputs, 4-band EQ, 4 stereo returns, 6 AUX sends.

MPL2242 PAS Price \$ _____ List \$1129.99



SHURE M267

The industry standard M267 mixer incorporates a switchable limiter, phantom power, LED peak indicator, built-in battery pack, headphone jack and level control, battery check function, tone oscillator, mic/line switches on each input and output, low-cut switches, mix bus jack and VU meter. It will operate on 9-volt battery power or 120/240 VAC power.

267 PAS Price \$ _____ List \$565.00
 Rack Kit PAS Price \$ _____ List \$35.00



SHURE M367

The M367 takes the classic design of the M267 and expands it of contemporary standards of performance and appearance. In addition, several new features have been incorporated to make the M367 even more functional, such as 6 balanced mic/line inputs, 2 XLR outputs, 2 position mix bus, detachable power cord, and many more.

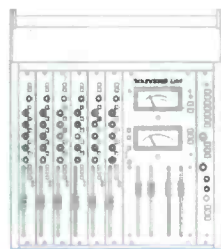
M367 PAS Price \$ _____ List \$795.00
 Rack Kit PAS Price \$ _____ List \$35.00



SHURE FP410 AUTOMATIC MIC MIXER

Patented Intellimix technology automatically turning down unused microphones. Great for conferencing & panel talk shows. Link up to 25 units, AC or DC operation.

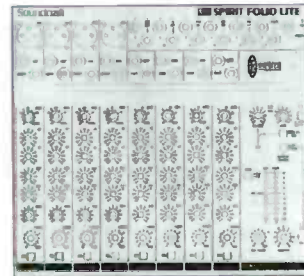
FP410 PAS Price \$ _____ List ... \$1650.00



SOUNDCRAFT LMI

The Soundcraft LMI high performance portable audio mixing console has been designed specifically for sound engineers on location in film and broadcast. The LMI will operate from a DC power source of 8-30volts or from internal batteries giving up to 18 hours of use before recharging is necessary. With switched mic/line gain control for accurate resetting and channel matching, each mic input has exceptionally high gain. A flexible 4 bus routing system like L-R; mono; foldback or effects send, 2 separate stereo outputs, 4 channel output, and stereo input modules available, make the LMI mixer a versatile tool.

LMI 6-channel PAS Price \$ _____ List .. \$5995.00
 LMI 8-channel PAS Price \$ _____ List .. \$6995.00
 LMI 12-channel PAS Price \$ _____ List .. \$8995.00



SPIRIT FOLIO

There's a Spirit Folio model to suit virtually any application 10/2, 12/2, and a 8/2 rackmount version. Each frame size has two stereo input channels, with six mono inputs on the 10/2 and eight on the 12/2. The bigger frame size Folio is ideal for larger PA systems; the rackmount model is excellent for on-stage submixing, keyboard mixing, or for fixed location work. There is even a 4-buss version with 12 mono inputs and 4 stereo inputs. All models feature 3-point EQ with sweepable mids, a 100HZ high-pass filter, and phantom power.

RW1450 6 Mono/2 Stereo PAS Price \$ _____ List \$549.95
 RW1454 8 Mono/2 Stereo PAS Price \$ _____ List \$699.95
 RW5053 8 Stereo/2 Mono PAS Price \$ _____ List \$799.95
 RW5019 12 Mono/2 Stereo PAS Price \$ _____ List ... \$1799.95
 RW5141 10 Mono/2 Stereo PAS Price \$ _____ List ... \$1099.95



TASCAM M-06/M-06ST

The TASCAM M-06 and M-06ST audio mixers offer an excellent blend of simplicity, flexibility and affordability. The M-06 is a 6-in/2 out design, while the M-06ST features 6 stereo input channels feeding stereo outputs. Mic inputs for each channel accept microphones, musical instruments and audio equipment. They offer stereo AUX inputs with level control, insert patch points on channels 5 and 6, balance controls, and cue send level controls. When you need a convenient, high-performance small mixer for keyboard, PA or recording applications, the M-06 is the ideal choice.

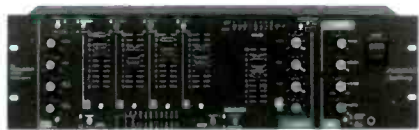
M06ST PAS Price \$ _____ List \$549.00
 M06 PAS Price \$ _____ List \$439.00



WHIRLWIND MIX-5S/MIX-5

Has four balanced, stereo inputs (XLR or 1/4" TRS switchable between line and mic level). Two balanced outputs are provided, switchable between mic or line level.

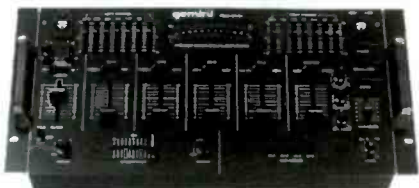
Mix 5 PAS Price \$ _____ List \$349.00
 Mix 5 Stereo PAS Price \$ _____ List \$359.00



FURMAN DJM-8

The DJM-8 DJ production mixer built to withstand the rigors of club use. Field replaceable cross-fader. Separate controls for two aux zone outputs, effects loop, and more!

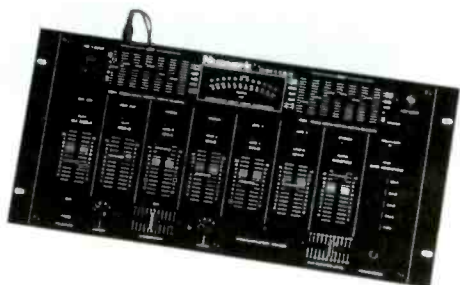
DJM-8 PAS Price \$ _____ List \$849.00



GEMINI PMX 3000

7 Band EQ, 2 phono, 5 line, 1 DJ mic w/EQ. Cue, removable & assignable cross fader. Booth output. Call about the full line of Gemini mixers.

PMX 3000 PAS Price \$ _____ List \$385.00



NUMARK DM1080/1180

Upgraded versions of old favorites. These units feature the familiar controls with additions of field replaceable cross-fader and XLR/1/4" mic connector. More features, same money.

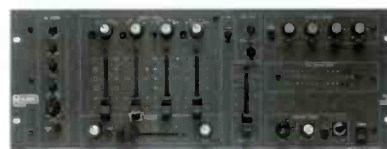
DM1080 PAS Price \$ _____ List \$249.00
DM1180 PAS Price \$ _____ List \$359.00



RAMSA WRM10A

Ideal remote broadcast mixer, 4 mic, 6 stereo line inputs, microphone compressor, audio music ducker, mix-minus buss, balanced stereo outs, and two separate sum-mono outputs.

WRM10A PAS Price \$ _____ List \$995.00



RANE MP24

The Rane Model MP 24 Mixer Preamplifier is a giant step forward for night club mixers. Following the advice of the most renowned figures in the night club market, Rane developed the MP 24 to break down the limiting barriers of previous mixer designs. It features 4 stereo input channels, six stereo line inputs, two mic inputs, three stereo phono inputs, 3-way mic EQ, four band program EQ, two auxiliary outputs, and headphone cueing.

MP24 PAS Price \$ _____ List \$1299.00



ROLLS RM42

The RM42 is a stereo mixer for installation and "disco" applications. It also works well for sound reinforcement, studio, choir, and other uses. Main features are 6 channel input plus mic input, RCA phono and line input jacks, headphone monitor of all channels and main out, treble and bass tone controls and output barograph, standard 19" EIA rack chassis.

RM42 PAS Price \$ _____ List \$200.00

**PAS has all you need
for a Complete Sound
and Light System!**



ALLEN & HEATH GS3

Available in 24X8X2 and 16X8X2 versions, the GS3 is a very powerful console for the recording environment. Features include full MIDI automation of channel, monitor and effects send and return mutes, XLR and TRS inputs, tape send and return, inserts, 6 aux, 4 band EQ with 2 mid sweep, channel mutes, programmable "soft" keys, and much more. Call for more info.

16 CH	PAS Price \$ _____	List .. \$4495.00
24 CH	PAS Price \$ _____	List .. \$6495.00



MACKIE 8 BUSS SERIES

The Mackie 8 BUSS consoles have been designed to meet the needs of performing and recording professionals by offering a wealth of features and quality at a low price. Features include XLR and 1/4" inputs, direct outs, inserts, +48V phantom power, phase inversion, 6 aux sends, 4 band EQ with fully parametric hi-mid and sweepable low mid, in-line format, channel solo and mute, and extensive routing capability. Optional meter bridge available. The 8*BUS is available in 16, 24, and 32 channel versions.

16 CH	PAS Price \$ _____	List ... \$3195.00
24 CH	PAS Price \$ _____	List .. \$3995.00
32 CH	PAS Price \$ _____	List .. \$4995.00



FOSTEX 812

The Fostex 812 has made a great reputation as a low cost, versatile recording mixer. Features include balanced XLR and 1/4" jacks on each channel, 3 point EQ with mid and low sweep, channel mute, and phantom power.

812	PAS Price \$ _____	List .. \$2295.00
-----	--------------------	-------------------



SOUNDRAFT DC2000

The DC2000 represents the future of mixing now. Utilizing the most advanced digital control technology, the DC2000 offers Moving Fader Automation and a host of software and hardware features normally associated with the largest, most expensive studio consoles. Soundcraft's DC2000 includes renowned audio quality, a sophisticated EQ section, and an Aux section that can be configured to suit a whole range of needs. Software features include Moving Fader Automation, a touch-sensitive liquid crystal screen, SMPTE MTC reader/generator, tape machine and synchronizer control, and an internal floppy drive (hard drive optional). Hardware features include an 8 bus true in-line design, 4 band EQ section with HPF and EQ in/out, two mid sweep bands, switchable HF and LF, and digital overbridge. Available in 24 and 32 channel frame sizes.

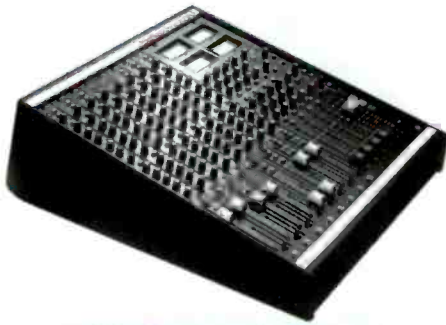
24 CH w/Stand	PAS Price \$ _____	List .. \$2795.00
32 CH w/Stand	PAS Price \$ _____	List .. \$3325.00



HENRY ENGINEERING FAST TRAC II

Perfect for dubbing rooms. Fast, clean & easy. 6 stereo (-10 - +8) inputs, control logic, processing loops. All connectors supplied.

Fast Trac II	PAS Price \$ _____	List ... \$1495.00
--------------	--------------------	--------------------



SOUNDCRAFT BVE 100

The BVE 100 is a compact mixing console designed to meet the spec. requirements of video editing console applications. The eight input modules each have 3 band equalisation plus a hi-pass filter. Additional features include externally controllable for Audio Follow-Video, individual VCA per channel, parallel control interface compatible with GVG100, ESAM1 & 2, AMX100 communication protocols. Crossfade 'depth' fader, phase reverse, hi-pass filter, 3 band channel equalisation, 2 aux sends, automatic audio monitoring, and L/R mono outputs are also included. To get the whole story, call PAS.

Call for Configuration and Pricing



SOUNDTRACS TOPAZ

The Topaz is a 24 or 32 channel in line mixer with 8 sub groups, 6 aux sends, 4 stereo effects returns and 2 separate stereo mix busses. Capable of handling some 56/64 inputs at mixdown, it is prewired to handle a 24/32 track tape machine without repatching. Features include channel phase reversal, phantom power, 4 band EQ which offers 15dB of boost or cut and both of the midrange bands are sweepable. There is also a 2 band EQ dedicated to the tape return. Optional 12-bit automation is available.

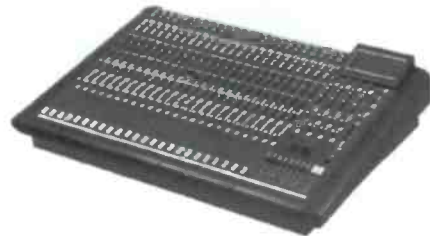
24 CH	PAS Price \$ _____	List .. \$3995.00
32 CH	PAS Price \$ _____	List .. \$4995.00



SPIRIT STUDIO

Designed for all types of multitrack recording from 8 track to 24 track, Spirit STUDIO is the ideal choice for the modest commercial studio and private home recording facility. Features include 8 groups, 4 band EQ with 2 sweepable mid. 16-8-2 and 24-8-2 in-line formats available.

16 CH	PAS Price \$ _____	List .. \$4279.95
24 CH	PAS Price \$ _____	List ... \$6199.95



SOUNDTRACS SOLO MIDI

The Solo Midi is an 8 bus console available in 16, 24, or 32 channels. The in-line design doubles the amount of inputs on mixdown. Both the input and monitor have access to the 4 band EQ (HF and LF fixed, 2 mid-sweep) and 6 aux sends. MIDI mute automation is provided on inputs, and stereo returns.

16 CH	PAS Price \$ _____	List .. \$4299.99
24 CH	PAS Price \$ _____	List .. \$5999.99
32 CH	PAS Price \$ _____	List .. \$8699.99

**Call PAS for a
Package Price
on your
Next Project.**



TASCAM M2600

Affordable Recording Desk. Allows changing from tracking to mixdown w/o extensive patching. Very transparent front end EQ. Flexible internal routing.

M2600-16	PAS Price \$ _____	List ... \$1950.00
M2600-24	PAS Price \$ _____	List .. \$2470.00
M2600-32	PAS Price \$ _____	List .. \$3055.00



TASCAM M1500 SERIES

If you're doing multitrack recording, don't buy the wrong mixer. General purpose and PA mixers don't address the specific needs of multitrack recording. The TASCAM M-1500 series is specifically designed for 8-track recording. These mixers interface directly with all the popular digital and analog decks on the market. And they make recording fast and efficient. Each console includes the inputs and outputs for an 8-track deck, an in-line monitoring system, direct out and group assignment switches, a sweepable midrange EQ, and a low noise transparent design that maintains the sound integrity of your recorded signal.

M1508	PAS Price \$ _____	List ... \$1099.00
M1516	PAS Price \$ _____	List ... \$1699.00



TASCAM M3700 SERIES

The M3700 series consoles have the same feature as the M3500 consoles plus automation. An on board computer provides automation of VCA fader level, channel mute, auxiliary mute, monitor mute, and EQ on and off. Data can be saved via on-board floppy drive. An on board SMPTE reader/generator as well as MIDI in, out and thru ports allow easy integration in any system.

24 CH	PAS Price \$ _____	List . \$14999.00
32 CH	PAS Price \$ _____	List . \$16999.00



TASCAM M3500 SERIES

The M3500 series mixing consoles are designed to meet the requirements of the most demanding studio owner/producer. All M3500 consoles have 8 group busses and an in-line monitor system that effectively doubles input capacity. Features include 4 band EQ with 2 mid sweep, XLR and 1/4" inputs, XLR stereo outputs and 2tr inputs, 5 freq. oscillator, inserts on each channel, stereo and group buss. The M3500 is available in 24, 32 channel versions and 24 mono and stereo versions.

24 CH	PAS Price \$ _____	List .. \$8999.00
32 CH	PAS Price \$ _____	List .. \$9999.00



TAC BULLET CUSTOM

The TAC Bullet Custom and B2 Custom benefit from a no-compromise approach to facilities and signal quality. The Bullet Custom and B2 Custom console system is equipped with an extensive choice of options including 4 or 8 group versions, LED or VU metering, and 3 chassis sizes. Formats may be fitted with stereo line/RIAA equalized inputs and an AFV (audio follow video) interface. Options are many, please call for more info.

Call for Configuration and Pricing.



YAMAHA PRO MIX 01

Yamaha introduces... Digital Mixing, Moving Faders, Full MIDI control, and Instant Recall for the real world. Easy to understand and use interface allows you to control more. Some of the incredible features include: Two internal effects processors, 16 balanced Mic/Line inputs, stereo digital and analog record jacks, 3 stereo dynamics processors, and 3-band fully parametric EQ.

PRO MIX 01	PAS Price \$ _____	List .. \$2000.00
------------	--------------------	-------------------

**Need an item
not shown...
call your PAS
Representative
Today!**



AEQ TLE-02

Portable broadcast mixer with frequency extender. Outstanding audio quality due to the digital frequency extender, (DSP technology), signal arrives with audio presence, depth and clarity of voice, eliminating the "telephone sounds". Two way communication. 3 audio inputs, carrying case included.

AEQ TLE-02 PAS Price \$ _____ List ... \$1130.00



AEQ MP-10

The AEQ MP-10 portable mixer is an excellent working tool which permits a reporter to connect to his radio station from any point by means of a common telephone line. Features: 5 balanced mic/line inputs, 32 sec. internal sampler using 4 bit ADDCM compression in static ram, 3 headphone outs, and a technician headset I/O.

AEQ MP-10 PAS Price \$ _____ List ... \$1450.00



GENTNER MICROTEL

The Gentner Microtel is designed for use with telephones equipped with four-pin modular handset jacks. The unit is connected to a telephone by unplugging the handset and connecting the handset cord to the Microtel's modular handset jack. XLR, phone, and mini jacks are provided for mic and line level inputs, line level outputs, and a headset. The unit is powered by a single 9v battery or an optional wall transformer.

MICROTEL PAS Price \$ _____ List \$259.00
AC Adaptor PAS Price \$ _____ List \$29.00



TELFAX GX-440

The top of the line Telfax has two phone line capability which allows you to air calls from listeners while at the remote site, or feed audio to two radio stations simultaneously. The second line can also be used to provide the announcers with closed circuit headphone audio for cues from the studio while broadcasting. An Indicator light silently signals in-coming calls on Line 2. The GX-440 also features a cue circuit on Channel 4, four microphone inputs, 2 Aux inputs, and an up-down event timer with large LCD display.

GX-440 PAS Price \$ _____ List ... \$1195.00



ZERCOM MAX-Z

The Max-Z is a remote broadcast console that provides maximum flexibility, utility, and above all, audio quality. The Max-Z features a carrying case, built in rechargeable batteries. It also includes a charger, clock, stopwatch/timer, VU meter, cue channel, phone line alarms, memory dialing (tone or pulse), and WIDE RANGE AUDIO INPUTS (will match almost anything).

MAX-Z PAS Price \$ _____ List ... \$1225.00



ZERCOM MAX-Z II

The Max-Z II is an abbreviated version of the famous Zercom Max-Z Remote Broadcasting Telephone System. High quality audio handling is maintained in the two channels of audio input. Headroom, noise performance, and distortion are comparable in quality to studio consoles. The Zercom Max-Z II continues the Max-Z world class tradition of excellence.

MAX-ZII PAS Price \$ _____ List \$750.00



ALLEN & HEATH GL-3

Expandable out to 40 channels, 2 inputs/channel, 4 band mid-sweep EQ, 6 Aux busses. Can be used as front-of-house or stage.

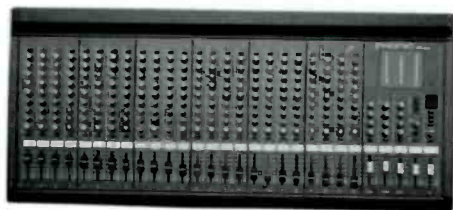
GL3/32	PAS Price \$ _____	List .. \$5595.00
GL3/24	PAS Price \$ _____	List .. \$4595.00
GL3/16	PAS Price \$ _____	List .. \$3595.00
GL2-12 channel RM	PAS Price \$ _____	List ... \$1595.00



EV DYNACORD VECTOR

Features: 8-12-16-24 channel configurations, 3 year warranty, 3 band EQ w/mid-sweep, and a Quasi-differential mix buss.

Vector 8	PAS Price \$ _____	List ... \$1360.00
Vector 12	PAS Price \$ _____	List ... \$1620.00
Vector 16	PAS Price \$ _____	List ... \$1960.00
Vector 24	PAS Price \$ _____	List .. \$2690.00



PHONIC PMC SERIES

From 8-24 channels, the PMC Series gives you the flexibility of control usually found only in much higher priced consoles.

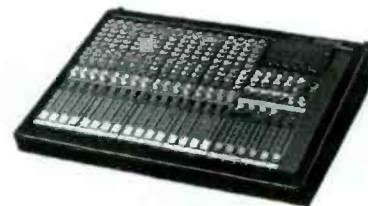
PMC-802	PAS Price \$ _____	List \$795.00
PMC-1202	PAS Price \$ _____	List \$969.00
PMC-1602	PAS Price \$ _____	List ... \$1169.00
PMC-2402	PAS Price \$ _____	List ... \$1799.00



RAMSA WRS 840F

Industry standard stage monitor console. 40 inputs, 18 busses, and Group mute option. Call for the details.

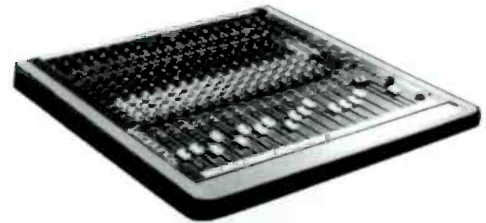
WRS 840F	PAS Price \$ _____	List \$47500.00
----------	--------------------	-----------------



RAMSA WRS 4400

Features 2 inputs per channel, 10 mixing busses, no mother board, ribbon cable design, and a spillproof fader design.

WRS4412	PAS Price \$ _____	List .. \$2350.00
WRS4416	PAS Price \$ _____	List .. \$2800.00
WRS4424	PAS Price \$ _____	List .. \$3750.00



SPIRIT LIVE

Pro PA mixer ideal for all sound reinforcement applications. Works well in portable PA's as well as permanent installs.

8-3	PAS Price \$ _____	List ... \$1349.95
16-3	PAS Price \$ _____	List .. \$2449.95
24-3	PAS Price \$ _____	List .. \$3549.95

PAS Stands for Price And Service!



YAMAHA MC04 SERIES

4 Buss, Flexible signal routing, 12-32 input configurations, and is compatible with virtually all Pro Audio gear.

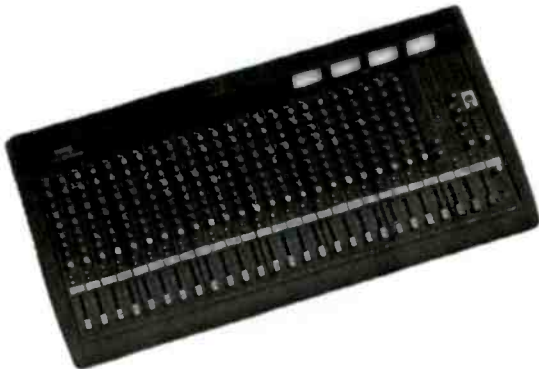
MC1204II	PAS Price \$ _____	List .. \$3395.00
MC1604II	PAS Price \$ _____	List .. \$3899.00
MC2404II	PAS Price \$ _____	List .. \$4799.00
MC3204II	PAS Price \$ _____	List .. \$5999.00



YAMAHA PM4000

24, 32, 40, or 48 input mainframes, VCA Sub grouping Master Muting, 4 Band parametric EQ w/HiPass.

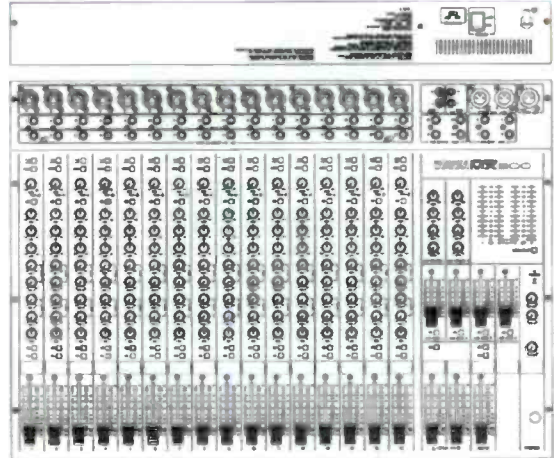
Call for Configuration and Pricing



YAMAHA MC03 SERIES

Maximum sound quality with straightforward control & features. Whether you need a few channels for a small PA system or many for a major production, there's an MC Series console to suit your needs.

MC803	PAS Price \$ _____	List \$999.00
MC1203	PAS Price \$ _____	List ... \$1299.00
MC1603	PAS Price \$ _____	List ... \$1499.00
MC2403	PAS Price \$ _____	List .. \$2099.00



YAMAHA MX200

The MX200 stereo mixer is available in 8, 12, 16, and 24 input channel configuration, all with stereo and mono output busses. All channels feature switchable "A" and "B" inputs — the "A" inputs are balanced XLR types (phantom power provided) while the "B" inputs are balanced TRS phone jacks that can also accept unbalance signals. A -20 dB input pad and -16 dB — -60 dB rotary gain control allow precise level matching with just about any input source, while a switchable 80Hz high-pass filter can be used to cut out hum and sonic rumble. Three-band EQ provides broad response shaping control, while four auxiliary sends — two pre and two post fader — offer plenty of signal-processing and monitoring control. All input channels also feature pan pots, channel on/off switches, and pre-fader listen switches.

MX200/8	PAS Price \$ _____	List \$749.00
MX200/12	PAS Price \$ _____	List \$949.00
MX200/16	PAS Price \$ _____	List ... \$1099.00
MX200/24	PAS Price \$ _____	List ... \$1499.00

**Take Advantage
of our Vast Inventory.**



EV 61PMX AND 81PMX

The six channel 61PMX and eight-channel 81PMX are ideal for both portable and permanent applications. Besides delivering 200 watts of power into four ohms, the mixers offer many features not available on competitive models. Digital reverb delay, MOSFET power amplifier, nine band EQ, and separate tape/CD input channels.

61PMX	PAS Price \$ _____	List \$1116.00
81PMX	PAS Price \$ _____	List ... \$1316.00



EV 100M

The legendary 100M stereo powered mixer combines all the necessary features of a high-quality audio system in a 100-watt-per channel package designed for portability and flexibility. Eight mic/line inputs, 100 watts per channel at 8 ohms MOSFET power amplifier, stereo, eight band graphic EQs, Phantom power, and built-in reverb.

100M	PAS Price \$ _____	List ... \$1995.00
------	--------------------	--------------------

**PAS Speakers
are located on
Page 38 and 39.**



TOA MX SERIES

The TOA MX series of Powered Mixers feature easy set-up and operation. An output compressor is included to prevent amplifier clipping and speaker damage. The 4 mic or line input MX101 has a power output of 75 watts, the MX401 has 4 input/150W output, and the 6 input MX601 has a rating of 300 watts.

MX101	PAS Price \$ _____	List \$498.00
MX401	PAS Price \$ _____	List \$689.00
MX601 (Pictured)	PAS Price \$ _____	List \$1174.00



YAMAHA EM1620

The Yamaha EM1620 provides a 200W power amplifier, six full featured input channels and a 7 band equalizer all packaged into a portable 3U rack mount chassis. Each channel having both balanced XLR and unbalanced phone jack inputs, allows use of a wide range of audio sources. Stereo tape input and output facilities are provided. Tape-input can be fed to both the monitor and the main speakers. A line out connection allows extra amplifier / speaker systems to be added when more power is required.

EM1620	PAS Price \$ _____	List \$799.00
--------	--------------------	--------------------



YORKVILLE M SERIES

Yorkville powered box mixers offer complete, simple and flexible high performance systems to give you the "BIGGEST BANG FOR THE BUCK". Standard features include unbalanced 1/4" Hi Z inputs, balanced XLR Lo Z inputs, dual RCA jacks for tape/CD players, gold plated connectors, patching capabilities, rugged black hardware, and clean reliable power. The MM4 is 4 channel 150W, MP6 is a 6 channel 300W mixer, and the MP8 offers 8 channels at 300W.

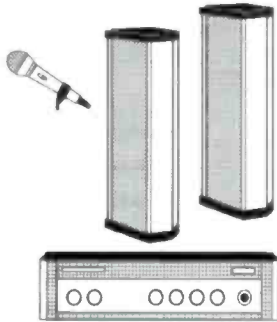
MM4	PAS Price \$ _____	List \$449.00
MP6	PAS Price \$ _____	List \$699.00
MP8	PAS Price \$ _____	List \$899.00



BOGEN

For over 60 years Bogen has been at the forefront of audio technology. Bogen offers a complete line of sound reinforcement products, including mixing and paging amplifiers, tuners, horns, drivers, microphones, and intercoms.

Call for price and options.



PASO

PASO sound products is a full line supplier of commercial sound products offering American made amplifiers from 10 watts to 120 watts. All offer VOX muting, discrete 1 volt output for music on hold, and all but the 10 watt are AC/DC for emergency battery backup. PASO's line also includes compact music systems with AM/FM tuners and cassette deck. Industrial duty auto reverse, single well and double well cassette decks, and a very complete line of lecterns and packaged PA systems for almost any situation.

Call for price and options.

**PAS also stocks
Astatic, Quam,
Russound, PushRods,
Test Sets, and Wire
Caddies necessary for
your next installation.**



TOA

Since 1974 in the United States (and since 1934, internationally) TOA has provided the Sound Contractor with innovative and reliable products that are designed to make his job easier and enhance his business. With over 500 products in the line, TOA equipment runs the gamut from the 900 Series mixer/amplifiers which dominate the amplifier market in the U.S., to the state-of-the-art DAC system II Digital Audio Control system introduced in 1994. And as the originator of the world's first computerized electronic intercom, TOA participates in the latest simultaneous multi-access communications and teleconferencing.

Call for price and options.



UNIVERSITY SOUND

University Sound offers the comprehensive line of U.S. built audio products for commercial sound contractors, composed of audio and telephone interconnect electronics, audio test equipment, microphones, compression drivers, paging horns, and full-range speakers. New products include a line of mixers/amplifiers (featuring plug and play accessory cards), plus a wide range of wall-mount and shelf mount amplifiers and the high value MA series of mixers/amplifiers. In the loudspeaker area, University offers low-cost and high-fidelity compression drivers, several types of full-range paging horns. The constant directivity PA430 paging horn marine-proof transducers, and the acclaimed UW30 underwater speaker. We also carry a full-range of component speakers for distributed ceiling reinforcement, background/foreground music, and other permanent installations.

Call for price and options.



CANON V-100 PRO

Canon USA is proud to offer the V-100. With almost endless number of applications, V-100 is ideal for all types of custom and commercial applications.

V-100 PAS Price \$ _____ List \$359.00 pair



EAW JF SERIES

The JF Series offers advanced solutions for a wide range of portable and permanent applications. Their advanced construction technology was developed for world renowned EAW concert touring systems. These systems feature materials such as exterior-grade cross grain laminated hardwood, water resistant glue joints, recessed hardware, vinyl coated perforated steel grills and exterior finishes chosen for durability.

JF60 6.5" 2-way	PAS Price \$ _____	List \$495.00 each
JF80 2x6.5" 2-way	PAS Price \$ _____	List \$795.00 each
JF100iR 10" 2-way	PAS Price \$ _____	List ... \$1050.00 each
JF200iR 12" 2-way	PAS Price \$ _____	List ... \$1695.00 each



COMMUNITY CSX-S2 SERIES SPEAKERS

Everything you expect from a loudspeaker system - accurate high-output sound in a tough, aesthetically pleasing package. An intelligent selection of full-range systems, matching subwoofers and full performance system.

CSX70S2 4x12" 3-way	PAS Price \$ _____	List ... \$1499.00 each
CSX60S2 4x15" Subwoofer	PAS Price \$ _____	List ... \$1249.00 each
CSX58S2 2x12" 3-way stage monitor	PAS Price \$ _____	List \$949.00 each
CSX57S2 2x15" 3-way	PAS Price \$ _____	List \$999.00 each
CSX52S2 15" 3-way	PAS Price \$ _____	List \$869.00 each
CSX50S2 18" Subwoofer	PAS Price \$ _____	List \$899.00 each
CSX40S2 2x15" Subwoofer	PAS Price \$ _____	List \$799.00 each
CSX38S2 15" 2-way stage monitor	PAS Price \$ _____	List \$529.00 each
CSX35S2 15" 2-way	PAS Price \$ _____	List \$499.00 each
CSX28S2 12" 2-way stage monitor	PAS Price \$ _____	List \$429.00 each
CSX25S2 12" 2-way	PAS Price \$ _____	List \$399.00 each



EAW FR122HR AND FR152HRI

Over years of high volume, high definition performance in all types of applications, these two-way systems have earned the designation "classic". The most recent design of these portable systems reduced overall size dramatically. The FR122HR is capable of 122 dB peak SPL, and the FR152HRI's output is 125 dB.

FR122HR 12" 2-way	PAS Price \$ _____	List \$795.00 each
FR152HRI 15" 2-way	PAS Price \$ _____	List \$945.00 each



EV SYSTEM 200

System 200 is composed of the SX-200 full range speaker, the Sb120a powered bass module (or the SB120 non-powered bass module), and the XP200 system controller. This system equals quality sound reinforcement.

SX200 12" 2-way	PAS Price \$ _____	List \$850.00 each
Sb120 Submodule	PAS Price \$ _____	List \$600.00 each
Sb120a Powered Sub 400w	PAS Price \$ _____	List \$1050.00 each
Sp200 System controller	PAS Price \$ _____	List \$400.00 each



RAMSA LOUDSPEAKERS

Most loudspeakers designed for professional use share common characteristics - they are generally large, costly, and difficult to transport and install. The basic idea behind the Panasonic/Ramsa loudspeaker system was to create a family of products that offers optimum balance of compact proportions and sonic integrity.

WSA200 12" 2-way	PAS Price \$ _____	List \$760.00 each
WSA80 8" 2-way	PAS Price \$ _____	List \$350.00 each
WSA10K 4.75" full range	PAS Price \$ _____	List \$165.00 each
WSA240 Sub-module	PAS Price \$ _____	List \$620.00 each
WSSP2A System controller	PAS Price \$ _____	List \$350.00 each



KLIPSH LOUDSPEAKERS

The loudspeakers offer extremely efficient and accurate reproduction of sound. Proven design functions well in portable as well as permanent installations.

KP201 12" 3-way	PAS Price \$ _____	List \$490.00 each
KP250 12" 3-way	PAS Price \$ _____	List \$650.00 each
KP301 15" 3-way	PAS Price \$ _____	List \$870.00 each



YAMAHA CLUB SERIES II SPEAKERS

Rugged, high power, professional sound with new 2" compression drivers, 2 section 2nd-order dividing network with adjustable high frequency level controls, input jack with loop through connectors, sockets for stand mounting.

S115HII 15" 20-way	PAS Price \$ _____	List \$430.80 each
S112HII 12" 20-way	PAS Price \$ _____	List \$394.80 each
S110HII 10" 20-way	PAS Price \$ _____	List \$334.80 each
S112PH 12" 20-way	PAS Price \$ _____	List \$274.80 each
S110PH 10" 20-way	PAS Price \$ _____	List \$238.80 each

Call PAS about similar products from JBL, OAP, Renkus-Heinz, and more.



DENON 951FA CD CART

This unit features the Auto Track Select System, which gives programming control of ON-AIR playback of CD's. The DN951FA reads special bar-coded labels placed on the CD Cart by the programming staff. The bar codes are available in 3 different configurations: TRACK EXCLUSIVE (will only play the specified track, no others), TRACK PRIORITY (will cue the specified track, but will allow others to be played), and TRACK LOCKOUT (will prohibit selection of a specified track). The 951FA also includes end monitoring, manual search, and single/continuous playback mode.

DN-951FA PAS Price \$ _____ List ... \$1400.00



DENON DN961FA

The drawer-loading DN961FA is ideally suited for the many radio stations which prefer not to use the CD Cart (TM) format. The DN961FA features eject lock (while track is being played, the DN961FA will not allow the CD to be accidentally unloaded), rotary track select, and an end monitor which allows the operator to preview the last several seconds of the track, thus assuring perfect "outro's". End Monitor time is selectable from 5 to 35 seconds.

DN-961FA PAS Price \$ _____ List ... \$1400.00



DENON DN-970FA

The DN-970FA CD Cart Player is intended for use in audio, video and film production studios. It features variable speed, quick search and cue time, digital audio outputs, external synchronization, and full remote control capability. The DN-970FA also includes a ram buffer and an AES/EBU output. Requires ACD5B CD Cartridge.

DN-970FA PAS Price \$ _____ List .. \$2599.00



DENON DN650F

Rack mount, instant start, $\pm 8\%$ pitch, cue to music, end monitor, EOM warning, Fade IN & fader start, Active balanced outs.

DN650F PAS Price \$ _____ List \$750.00



DENON DN-1200F/1200C

Denon's 200 CD changer establishes the industry benchmark. The DN1200FP can control up to 4 DN1200 transports, 800 CD's total! Call for details.

DN-1200F PAS Price \$ _____ List .. \$3200.00

DN-1200FP PAS Price \$ _____ List .. \$4000.00



DENON DN-2000F

The DN-2000F is a dual transport, rack mount CD player with a wired, rack mount controller. The controller features dedicated controls for each CD drive for maximum creativity and performance. The DN-2000F also features instant start, pitch bend, pitch control, a cue button, and self locking transport.

DN-2000F PAS Price \$ _____ List ... \$1250.00



DENON DN-2200F

The DN-2200F offers the same features as the DN-2000F. The main difference is the addition of the Karaoke button on the DN-2200F's front panel and a CD+G (CD + Graphics) subcode output terminal for connection to the DN-820 Karaoke Preamp (a Karaoke preamp that turns your DN-2200F DJ studio into a Karaoke stage). In addition to the audio tracks, the CD+G disc contains video graphic information that can be played back on the DN-2200F and projected on a TV monitor through the DN-820 Karaoke Preamp.

DN-2200F PAS Price \$ _____ List ... \$1350.00
 DN-820 PAS Price \$ _____ List ... \$750.00



DENON DN2700F

The DN2700F offers an ultimate tool for the re-mixing or sound production professionals as well as the performing DJ's. The DN2700F features three range pitch control, instant start, seamless loop function, and a jog wheel.

DN2700F PAS Price \$ _____ List .. \$2300.00



JVC XLV161TN

The XLV161TN features DDRP (Dynamics Detection Recording Processor), ten-key pad for direct track access, plays 3" singles as well as standard CD's, auto power-on/power-off eject, and headphone output with volume control.

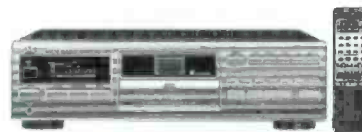
XLV161TN PAS Price \$ _____ List \$199.95



JVC XL-MC100

The XL-MC100 accepts up to 100 discs, utilizing a separate disc playback/storage unit and controller unit (connected by coaxial cable).

XL-MC100 PAS Price \$ _____ List \$995.00



JVC XL-M415TN

Convenience of combination CD changer with six-disc magazine and auto-loading single tray for playback of seven discs. Eight-times oversampling digital filter, remote control with program memory and magazine eject. Program, delete program, random and continuous play. Random access programming of up to 32 "steps" (tracks and discs) from seven discs. Four-way repeat all discs in magazine, single track, programmed tracks and random play. Auto/manual search. Headphone output.

JVC XL-M415TN PAS Price \$ _____ List \$329.00



PIONEER PDTM3

The PDTM3 is a 3-Magazine Multi-Play Compact Disc Player featuring 3-magazine CD player for continuous play of 18 discs, digital Signal Processor (DSP), ADLC (Automatic Digital Level Controller), and 3 multi disc magazines (included).

PDTM3 PAS Price \$ _____ List \$550.00



PIONEER PDM703

The PDM703 is a Multi-Play Compact Disc Player featuring ADLC (Automatic Digital Level Controller), Compu-PGM Edit and Time fade editing, digital level control (on remote) and one-touch digital fader.

PDM703 PAS Price \$ _____ List \$315.00



ROLLS RS36

The RS36 is a full function general purpose audio CD player in a rack mount chassis. It features infrared remote control, high performance DSP filtering and voice coil servo laser. In addition, the RS36 is equipped with program search, and continuous play of one or all tracks.

RS36 PAS Price \$ _____ List \$340.00



ROLLS RS270

The RS270 is a full function general purpose audio CD player combined with an audio cassette recorder in one easy to use all metal rack chassis. The RS270 is intended for applications that require features not available in consumer units. Both sides may be used separately, since both decks have separate jacks. Its rugged steel chassis and grounded power cord help make the RS270 a good choice for church, aerobics, karaoke, and audiovisual applications.

RS270 PAS Price \$ _____ List \$525.00



SHERWOOD CDC5050R

Sherwood quality, outstanding features, and a great price. Features 1 bit D/A converter, 8x oversampling digital filter, 32 track memory system, independent remote, repeat mode, A-B repeat, random play (1 or all discs), music calendar, intro scan, timer play, tape edit, delete play, sync record, and more.

CDC5050R PAS Price \$ _____ List \$340.00



SONY CDP-2700

The CDP-2700 is a new professional compact disc player offering outstanding performance and operational facilities, including digital-to-digital interfacing capability, rapid start, fader start/stop control from a mixing console and variable speed playback.

CDP-2700 PAS Price \$ _____ List ... \$1445.00



SONY CDP-3100/CDS-3100

The CDP-3100/CDS-3100 consists of the CDP-3100 player and CDS-3100 remote controller. The system features compact size, variable speed playback, a JOG function, system expansion with a range of optional interface boards and many other enhanced functions.

CDP-3100 PAS Price \$ _____ List .. \$3475.00
CDS-3100 PAS Price \$ _____ List ... \$1775.00



PIONEER CDJ-500G

Pioneer introduces the CDJ-500G, the professional-use CD player that DJ's have been waiting for. The CDJ-500G is the world's first CD player that includes a full range of powerful features that allow you to jog, sample, and manipulate digital-quality sound in ways you never thought possible. Get the unparalleled sound quality and effects of a CD player with the hands-on control of a conventional turntable. The CDJ-500G: total music control.

PIONEER CDJ-500G PAS Price \$ _____ List \$995.00



TASCAM CD-401MKII

The CD-401MKII player features Instant Start-Up with Auto Cue, balanced and unbalanced outputs, automatic fader start for easy synchronization, and three time display modes: track elapsed time, track remaining time, and total remaining time.

CD401 MKII PAS Price \$ _____ List \$999.00



TASCAM CD301

The CD301 offers an outstanding cost/performance package. It's features include balanced XLR and unbalanced RCA-jack outputs, a versatile remote control unit that can be used in the wired or wireless mode, single-play capability, supplied rack mount angles, and a unique Link function which allows automatic alternate playback of two or more CD301 units.

CD301 PAS Price \$ _____ List \$649.00



TASCAM CD-601/CD-701 CD PLAYERS

The Tascam 601 is a single transport half-rack unit designed to stand up to all applications. It features vibration free rigid disc clamping, balanced XLR and unbalanced RCA outputs, precision cueing control and auto cue function, serial port for external computer control, and phones/monitor jack for headphones or line feed. The 701 offers production and broadcast users all the powerful programming, looping and cueing functions of the 601, plus multi transport capability. With the optional BU-1 RAM buffer, DJ's can use sample looping function to create custom house mixes. Both units have remote controls available which let you link multiple units as well as control functions such as transport automation, pitch control.

CD601 PAS Price \$ _____ List \$1649.00
CD701 PAS Price \$ _____ List .. \$2499.00



TECHNICS SLPG340

The SLPG340 features MASH 1 bit DAC for accurate small signal reproduction, an Edit Guide for automatic programming, Peak Level Search for level setting convenience, random play and auto cue, and 20-step random access programming.

SLPG340 PAS Price \$ _____ List \$169.95



TECHNICS SL-PG440

Programmable Compact Disc Player with MASH 1-bit DAC system for accurate small signal reproduction, advanced digital servo system offers improved playability by optimally adjusting servo operation for each disc, 30-key wireless remote control with 10-key pad, edit Guide for automatic programming of songs to be transferred to tape, peak Level Search for level setting convenience, synchro Editing function, disc Link for continuous editing from multiple CDs to tape, random play and auto cue, time Fade for automatic fading at your selected time, 20-step random access programming, and headphone jack with volume control.

SL-PG440 PAS Price \$ _____ List \$189.00



TECHNICS SL-PD867

Rotary Compact Disc Changer features: Front-loading, 5-disc rotary design—play one, change four Quick Disc Rotation System, new disc location display, ID Scan previews the most recognizable section of each track, MASH 1-bit DAC system for accurate small signal reproduction, advanced digital servo system helps improve disc playability, full random play, one-disc random play & spiral play, and delete programming omits unwanted songs.

SL-PD867 PAS Price \$ _____ List \$249.00
SL-PD667 PAS Price \$ _____ List \$219.00



DENON ACD5B

The ACD5B is a CD cartridge case for all Denon CD players. Regular CD's are placed in the ACD5B, protecting them from scratches and dust while adapting them to the CD cart format.

ACD5B PAS Price \$ _____ List \$3.98



DENON PROFESSIONAL TEST CD'S

CD6013 Professional test CD set 3 discs List \$150.00



38C 397147 Denon Audio
Technical CD (99 tracks)

List \$19.95

DENON Lens Cleaning Cartridge AMC-9

List \$19.95



DISCWASHER FGI 102 CD CLEANING KIT

For optimum compact disc performance. Includes cleaning unit, CD-1 cleaning fluid, and one extra cleaning pad.

Discwasher FGI102 CD List \$17.95



Jewel Boxes
Marantz CDR63 63 minute blank CD

List75 each
List \$15.00

Maxell CW63 Recordable CD
Maxell CW74 Recordable CD

List \$15.00
List \$17.50



AUDIOSOURCE LLC-1

All CD players - regardless of home portable or automotive format - have one thing in common: a small glass optical lens. Although smaller than a dime in diameter, this lens plays a large part in the performance of your machine. It's through this lens that the laser beam must focus in on the information stored on a Compact Disc. The LLC-1 effectively cleans this lens.

LLC-1 PAS Price \$ _____ List \$29.95



MARANTZ CDR-610

The Marantz CDR-610 is the first truly affordable professional CD recorder. It records on WORM discs (Write Once, Read Many). It is as easy to use as a standard cassette recorder. Its features include Phillips Red-Book and Orange-Book compatibility, professional, consumer and optical digital I/O (AES/EBU, IEC-958-II, and TOS Link), high oversampling 1-bit A/D (64x) and D/A (128x) converters, wired remote control, 9-Pin parallel GPI interface, and cascade connection for multiple-machine parallel recording.

CDR-610 PAS Price \$ _____ List .. \$5500.00

**PAS has all
your production
needs in-stock.**



BE DISC TRAK

Using inexpensive 3 1/2" floppy disks as the removable media, Broadcast Electronics' Disc Trak Cart Machine incorporates 16-bit linear digital technology to deliver superior audio quality matching that of CD, DAT & other digital sources. Cueing is instantaneous. Up to 8 separate audio tracks can be placed on a single diskette. Powerful playback options include single play, sequence & loop. Recognizes standard console start/stop logic commands.

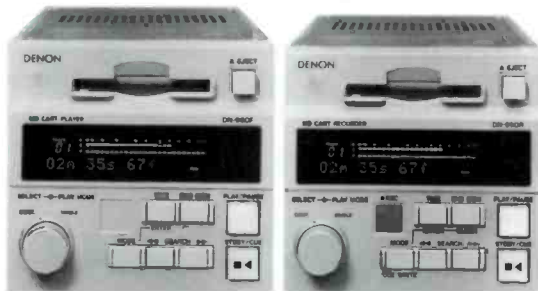
DC-300 PAS Price \$ _____ List .. \$4995.00
 DC-30 PAS Price \$ _____ List .. \$3450.00



DYNAMAX DCR1000 SERIES

The Dynamax DCR1000 Series features simple cart-like operation & requires little or no training. Its durable, maintenance free design & use of standard 3 1/2" floppy disks can reduce operating costs at your facility. A two line by 24 character LCD display allows electronic cart labeling & a standard count-down timer. The player also includes an RS-232/422 port for machine control or logging as well as conventional remote control of all functions & indicators. The disk drive provides over 20,000 hrs. of service, may be replaced in less than 15 minutes & costs less than a set of tape heads.

DCR1020 Master Player PAS Price \$ _____ List .. \$2975.00
 DCR1040 Record Module PAS Price \$ _____ List .. \$2500.00



DENON DN-990R/980F

The DN-990R/980F MD Cart machines have been designed as the digital alternative to NAB Cart machines, inheriting their reliability and ease of use. However, the MD format offers significant advantages over its predecessor; such as instant start, digital editing, and superior fidelity. The "990R" is designed to meet industry's requirement for reliability in a single unit that incorporates all necessary recording, playback, and editing functions. This desktop-type MD recorder is capable of editing data on a disc as well as reading and writing text information such as disc and track names. The DN-980F MD Cart Player provides the wide range of playback functions required by broadcast stations and studios. Both models are equipped with interfaces for automating their operation. Basic operations of the DENON DN-951 FA CD Cart player, which has become an industry standard, are incorporated in the new 990R and 980F, including rotary knob track selection, instant start, and automatic cue to audio. The new models also inherit the same compact size of the current models. Employing rack shelving, up to three units can be mounted in a 19-inch rack.

DN-990R PAS Price \$ _____ List .. \$3200.00
 DN-980F PAS Price \$ _____ List .. \$2400.00



SONY DIGITAL AUDIO B3/MDS-B4P

Sony is proud to introduce the MDS-B3 recorder/player and its companion player the MDS-B4P. The MDS format used by the MDS-B3 and the MDS-B4P offers many outstanding features such as random access, high quality digital sound and quick track editing functions. Housed in a protective cartridge for easy and safe handling, the MiniDisc™ is ideal for on-air applications in radio broadcasting stations. Both machines feature memory start and cueing functions to provide rapid playback, and an informative FI display indicates operating conditions and status. Auto Cue track playback and an EOM function also play important roles in enhancing operational convenience.

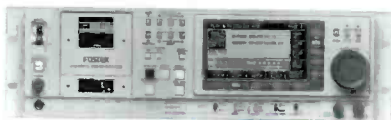
MDS-B3 PAS Price \$ _____ List .. \$3200.00
 MDS-B4P PAS Price \$ _____ List .. \$2400.00



FOSTEX D10

Rack mountable, professional DAT machine. Features include: AES/EBU digital I/O, +4dB XLR analog I/O, Built-In RAM (8Mb) offers instant start as well as scrubbing, Wireless remote, DIN transport remote, 2 expansion slots provided for future options. Jog /shuttle wheel.

D10 PAS Price \$ _____ List .. \$3295.00



FOSTEX D30

Fostex' top-of-the-line SMPTE time code machine. Features include: 16Mb RAM buffer, 2 RS 422 ports, full-chase lock on board synchronizer, Pull up & Pull down (film/video) scrubbing, Jog/Shuttle, in-rack access to heads & main audio boards. Call for all the details.

D30 PAS Price \$ _____ List .. \$10995.00



PANASONIC SV-3700

Panasonic's highly acclaimed studio DAT machine. Features include: Rack mount, Wired transport remote port, Wireless remote, Shuttle wheel, AES/EBU digital I/O, +4dB XLR analog I/O, User definable level of copy control. The Panasonic 3700 has proven itself in broadcast facilities worldwide.

SV-3700 PAS Price \$ _____ List ... \$1840.00
SSE44 Remote Control PAS Price \$ _____ List \$50.00



PANASONIC SV-3900

Includes all the features found in the 3700 with additional RS 422 & intuitive remote control interface. The SH-MK 390 controls operation of several transports. Ideal for when more than one machine resides in the studio. For automation or control of many machines, the SV-3900 accepts commands from either DOS or Machintosh computers.

SV-3900 PAS Price \$ _____ List .. \$2500.00
SH-MK390 Intuitive Remote PAS Price \$ _____ List \$430.00
Software Tool kit
(Specify DOS or Mac) PAS Price \$ _____ List \$650.00



PANASONIC SV4100

This unit was developed to enhance the performance that professional production, broadcast and live-sound systems require. Advanced digital technology offers features such as: quick start with trim and rehearsal, accurate program and cue assignment, external sync capability, programmable cue locations, multiple digital interfaces, and enhanced system diagnostics.

SV4100 PAS Price \$ _____ List .. \$2695.00



SONY PCM-2300

The cost effective choice for digital audio recording. Sony's entry level professional machine offers: Rack mount, Wired remote, +4dB XLR I/O, IEC-958 Type I digital I/O, Reliable transport mechanism, Sample edit, 44.1kHz, 48 kHz or long play mode 32kHz.

PCM-2300 PAS Price \$ _____ List ... \$1765.00



SONY PCM-2700A

Superb digital performance. The Sony DAT success continues. This Sony machine offers several additional features not included in the Sony PCM-2300. They include: An AES/EBU digital I/O, Parallel remote connector for basic transport control & an 8-PIN remote interface for fader start operation, Read after Write function, 4-head rotary construction allows real time monitoring. Wireless remote also included.

PCM-2700 PAS Price \$ _____ List .. \$3250.00



SONY DTC-A7

With its abundance of useful features, high quality and mechanical design the DTC-A7 offers unparalleled value. Features include support of all major sampling frequencies, coaxial digital inputs and outputs, unbalanced analog inputs and outputs, wireless commander, and is 19" rack mountable.

DTC-A7 PAS Price \$ _____ List ... \$1079.00



SONY DTC-690

Our most cost-effective studio DAT machine. 16-bit linear recording, 3 sampling rates, wireless remote, -10dB unbalanced I/O's, Rack mount kit available.

DTC-690 PAS Price \$ _____ List \$599.00



TASCAM DA-30MKII

The DA-30MKII has been designed specifically for professional applications with features like XLR-type balanced analog inputs & outputs as well as an AES/EBU digital interface. State-of-the-art 64X oversampling 16-bit delta-sigma A/D technology & 8X oversampling 18-bit D/A conversion contribute to superior sound quality, while a range of automated features make operation smooth & efficient.

DA-30MKII PAS Price \$ _____ List ... \$1499.00



TASCAM DA-60

The DA-60 includes many features not found on other DAT recorders. Four head configuration for off tape monitoring, Ram buffer that will give you 2 seconds of ram for instant start, Accurate dial search capability, to either of two locate cues, Auto cue, user selectable levels of copy protection, Auto ID. The ST-D6 optional plug in chase lock synchronizer card that also has a SMPTE/EBU time code reader/generator.

DA-60 PAS Price \$ _____ List .. \$5999.00



FOSTEX PD-2

The PD-2 offers you all of the benefits of digital recording with SMPTE timecode in a portable configuration. The internal timecode generator writes & reads all four international standard formats. The PD-2 offers a built-in phantom power supply so that in the field you can plug mics directly into the unit without outboard power supplies.

PD-2 PAS Price \$ _____ List . \$12995.00



SONY TCD-D10 PROII

Sony offers maximum performance & capability in a DAT field recorder. Easy to use, non-intimidating design will help bring your ENG crew to the same audio standards as a world-class production studio. Features include: Balanced XLR's (Mic or Line), AES/EBU digital I/O, Limiter, Built-in speaker, headphone jack, and years of proven reliability in the field.

TCD-D10 PRO II PAS Price \$ _____ List ... \$3675.00



SONY TCD-D7 DAT WALKMAN

Ultra compact unit, operates on 4 AA batteries, includes Sony's anti-shock mechanism, maintains stable play-back, Auto ID, 1/8" mini jack, analog I/O, digital I/O (interface cable available), automatic record level & limiter.

TCD-D7 PAS Price \$ _____ List \$699.95



AKAI DR-4D

Cost effective Hard-drive recording & editing. The DR-4D's hard disk recording medium offers 4-channel simultaneous recording & playback. The DR-4D offers all the advantages of tapeless digital multitrack recording with a wide range of editing functions. Up to 16 tracks can be recorded or played by linking 4 DR-4D units together. Many options and configurations are available.

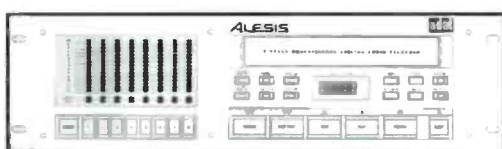
DR-4D 340 (w/340MB drive) PAS Price \$ _____ List .. \$2539.00
 DL-4D Remote Controller PAS Price \$ _____ List \$849.00



SONY PCM-800

The new PCM-800 recorder offers outstanding reliability and professional audio interfacing with AES/EBU digital I/O and XLR analog I/O connectors, precise auto punch in/out using advanced digital crossfade technology, and external synchronization with SMPTE/EBU time code.

PCM-800 PAS Price \$ _____ List .. \$5995.00



ALESIS ADAT

In a relatively short time, that name has become synonymous with the revolution in affordable digital multitrack recording. The Alesis ADAT 8 Track Professional Digital Audio Recorder has spawned an unprecedented new era of creative development in the music and audio industries. It enables audio professionals, musicians and songwriters to produce astonishingly clean, mirror-image digital recordings while maintaining an unheard-of degree of affordability. As a result, there are more Alesis ADATs in use worldwide than any other digital multitrack tape recorder.

ADAT PAS Price \$ _____ List . \$2999.00



TASCAM DA-88

Designed to deliver today's digital recording technology to the project studio & post production environments, the DA-88's Hi-8 format allows up to 100 minutes of recording time. In addition to the rugged transport construction, the DA-88 also offers a high degree of recording familiarity & easy-to-use simplicity. Features include: Large Jog/Shuttle wheel for easy locating on tape, no formatting of tape before recording, rehearsal mode, optional SY-88 Synchronization Board, provides SMPTE synchronization, both as master & slave, video sync, a 9-pin RS-422 port, & MMC (Midi Machine Control).

DA-88 PAS Price \$ _____ List .. \$4499.00
 SY-88 Synchronization Board PAS Price \$ _____ List \$799.00



FOSTEX RD-8

The new Fostex RD-8 is a professional digital 8-track recorder designed specifically for commercial studios, post-production suites & sophisticated project rooms. Features include: SMPTE/EBU time code, RS-422 port, On-board synchronizer, Pull-up & Pull-down (film/video), Track slip, Selectable sampling. Complete compatibility with all hardware and software in the ADAT group.

RD-8 PAS Price \$ _____ List .. \$4995.00

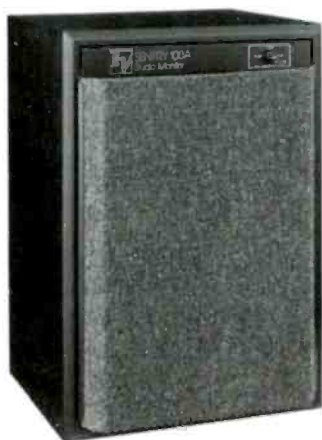
PAS has all the recording media you need in-stock.



EAW MS103 AND MS63

These speakers stand proof that a highly refined speaker system can also be totally reliable. From their extensive design innovations to the advanced materials used to carry them out, these speakers break new ground.

MS63 12" 3-way PAS Price \$ _____ List ... \$1095.00 each
MS103 15" 3-way PAS Price \$ _____ List ... \$1295.00 each



EV SENTRY 100A

The 100A is an 8" 2-way studio monitor featuring "The Super Dome" tweeter. Rack mounts available.

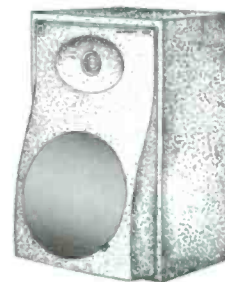
Sentry 100A PAS Price \$ _____ List ... \$440.00 each
Sentry 100EL
 Internal 50W PA PAS Price \$ _____ List ... \$936.00 each
Sentry 500 12" 2-way PAS Price \$ _____ List ... \$880.00 each



JBL CONTROL SERIES

From the very small great sounding Control Ones to the Control 10. The Control Studio monitors offer a model that is right for your studio.

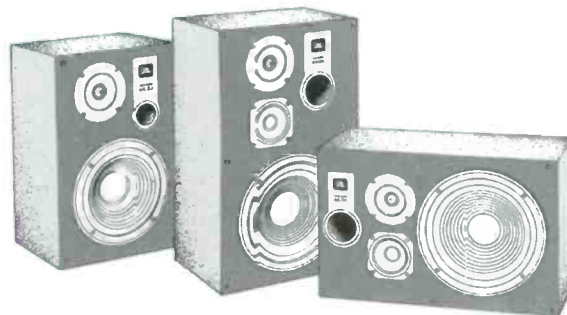
Control 1 PAS Price \$ _____ List ... \$133.00 each
Control 1+ PAS Price \$ _____ List ... \$169.00 each
Control 5 PAS Price \$ _____ List ... \$229.00 each
Control 8 PAS Price \$ _____ List ... \$299.00 each
Control 10 PAS Price \$ _____ List ... \$652.00 each



JBL 4200 SERIES

A very unique design. Designed for hours of non-fatiguing, near-field monitoring. Unusual shape due to time alignment of drivers.

4206 6" 2way PAS Price \$ _____ List ... \$215.00 each
4208 8" 2way PAS Price \$ _____ List ... \$282.00 each



JBL 4400A

Radio control room standard. Chances are you've heard a pair (or an earlier version) today. The 4400A offers upgraded components & a new Matte Gray finish.

4408A PAS Price \$ _____ List ... \$333.00 each
4410A PAS Price \$ _____ List ... \$462.00 each
4412A PAS Price \$ _____ List ... \$693.00 each



OWI 200 SERIES

The 200 Series is endowed with many practical features that will delight both installer and end user alike. Instilled benefits like 2-way 2 speaker or 3-way 3 speaker designs. As well as easy-access power transformers for instant system modification. OWI's provided U-bracket assemblies and security screws are very user friendly, while our optional L wall mount bracket offers yet another venue of installation.

200 2 way PAS Price \$ _____ List \$175.00 pair
 203 3 way PAS Price \$ _____ List \$195.00 pair



RAMSA WS-A35

Ramsa original WG horn engineered for clear near-field sound. This shielded monitor features a spherical wave-guide, a revolutionary new design in high frequency reproduction. Mounting points are provided for easy & secure installation.

WS-A35 6" 2-way PAS Price \$ _____ List \$350.00 each



OWI 500 SERIES

OWI's 500 series maxi speakers are built to satisfy the consumer's penchant for clarity and options. Our proven water-resistant models offer choice: 2-way 2 speaker or 3-way 3 speaker systems—with abundant frequency response and sensitivity—in compact die cast aluminum enclosures.

500 2 way PAS Price \$ _____ List \$335.00 pair
 503 3 way PAS Price \$ _____ List \$345.00 pair



TANNOY PBM SERIES

Flat, accurate & attractive. Tannoy offers several models to choose from. Select from the small & affordable PBM5 to the large format concentric System 6, 8, 10 or 12.

PBM 5 II PAS Price \$ _____ List \$350.00 Pair
 PBM 6.5 II PAS Price \$ _____ List \$450.00 Pair
 PBM 8 II PAS Price \$ _____ List \$795.00 Pair



YAMAHA NS10MS

Created for precise near field monitoring. Minimum phase variation. Highly acclaimed, found in top recording studios worldwide.

NS10MS PAS Price \$ _____ List \$239.00 each
 NS40M PAS Price \$ _____ List \$529.00 each

**PAS also stocks
 Studio Monitors from
 Alesis, ALC, Fostex
 and TOA.**



ANCHOR AN-1000X

The AN-1000X is not only a powerful powered monitor, it's accurate. Response from 80Hz-20kHz makes it a popular monitor for sound studios and broadcast facilities. It has a rugged 50-watt MOSFET amplifier and matched two-way speaker system. This portable monitor is also great for crowds up to 300 people.

AN-1000X PAS Price \$ _____ List \$409.00



AEQ AM-03

In one rack space, AEQ has packed stereo monitoring w/ ample SPL, 3-way audio system consisting of 5 speakers, electronically balanced inputs & outputs, built-in limiter, audio phase meter, magnetic shielding, 3 inputs & headphone jack.

AM-03 PAS Price \$ _____ List \$725.00



CONEX OMNIQ UM-33

One rack space eight input audio monitor, front panel headphone jack, built in test oscillator & LED VU meter. Versatile, affordable & practical.

UM-33 PAS Price \$ _____ List \$550.00



FOSTEX 6301B

10 watts of power in a very small package. 10dbV 1/4" input. The 6301B/EAV has active balanced XLR input & magnetic shielding. Works well with video monitors.

6301B PAS Price \$ _____ List \$239.00
 6301B/EAV PAS Price \$ _____ List \$275.00
 Rack Kit Single PAS Price \$ _____ List \$87.00
 Rack Kit Dual PAS Price \$ _____ List \$98.00



GALAXY HOTSPOT

The Hot Spot PAIII powered monitor: 50 watts @ 4 ohms, 1/4" & XLR inputs, 3 band tone control; can drive up to 4 additional Hot Spot monitors.

Hot Spot PAIII PAS Price \$ _____ List \$299.00
 Hot Spot Satellite Speaker PAS Price \$ _____ List \$149.00



WOHLER AMP-1A

One rack space, Phase & level meters, thorough magnetic shielding, high performance loudspeakers, numerous options available.

AMP-1A PAS Price \$ _____ List \$880.00
 AMP-1 less meters PAS Price \$ _____ List \$720.00
 AMP-9 less center speaker & meters PAS Price \$ _____ List \$515.00



WOHLER VM-4 QUAD COMMUNICATIONS MONITOR

Discrete monitoring of 4 audio channels in one unit, one rack space high, independent volume controls, Magnetically shielded, signal present LED.

VM-4 PAS Price \$ _____ List \$765.00

ANCHOR SELFCONTAINED PA'S AND LECTERNS



VOYAGER

All you have to do to get clear, powerful sound for a crowd of 400 is plug in a microphone and turn Voyager on. The built-in rechargeable battery delivers up to 10 hours of operation. Strong voice-projection quality, provided by twin high-efficiency speakers makes Voyager ideal for speaking applications, indoors and out. The rugged case withstands the elements. Overall weight is just 22 pounds.

Voyager PB-2000 PAS Price \$ _____ List ... \$669.00



LIBERTY

Liberty is really two sound systems in one. In "Music" mode, it provides rich, full range music reproduction – the kind you can feel. Flip the switch, and Liberty's tuned especially speech projection concentrating its power to make the voice segment of the sound spectrum carry further.

MPA-4500 AC 75W PAS Price \$ _____ List .. \$1079.00

Battery Powered MPA-4500 AC 50W PAS Price \$ _____ List ... \$1199.00



MINI-VOX

Mini-Vox is our little loudmouth. Its big sound is powerful enough to handle a crowd of up to 200. But because it's designed to be carried while in use, we kept it light—a feather weight 5 1/2 pounds. So it's great for tour guides, teachers or anybody who needs a PA system that's extremely mobile. The rugged polyethylene case braves all kinds of punishment, and the entire system resists the effects of mother Nature. An input jack allows you to plug in a CD player or Walkman.

PB-25 PAS Price \$ _____ List \$279.00



ADMIRAL

Connects to your existing P.A. system via XLR mic connector. Designed so our Liberty, Voyager or Explorer powered sound systems fit easily inside. Sensitive electret microphone picks up the most soft-spoken presenters. Shock-absorbing mic mount lets you boost the volume without adding feedback or vibration noise. Rich, golden oak surfaces and solid oak trim.

Admiral PAS Price \$ _____ List \$1195.00



ENSIGN

Ensign's built for durability, with a tough, durable finish and rugged internal components. Powerful MOSFET amplifier provides strong, full-range sound, and can even drive external speakers for greater coverage. Pairs with our Quik-Stand portable base to make a sturdy floor-length lectern. Weighs just 39 pounds and carries easily, but sets up rock solid.

Ensign PAS Price \$ _____ List \$1039.00



SEVILLE

Powerful, 60-watt sound system can handle crowds of 750 or more. Sensitive electret microphone picks up the most soft-spoken presenters. Shock-absorbing mic mount lets you boost the volume without adding feedback or vibration noise. Rich, golden oak surfaces and solid oak trim. Top section, including sound system, lifts off for use as a tabletop lectern.

Seville PAS Price \$ _____ List \$2799.00



PORTA-VOX

Porta-Vox is the workhorse of the Anchor portable line. Its two detachable, horn-type speakers can fill an area the size of a football field with powerful, clear sound, easily handling a crowd of 5,000. That makes Porta-Vox popular for cheerleading, track and field events, swap meets and recreation facilities. With 40 watts of power, it can easily drive a set of unpowered matching speakers for even greater coverage too. Porta-Vox comes with everything you need, including mic and cables. The built-in rechargeable battery provides power for up to 12 hours.

Porta-Vox PAS Price \$ _____ List \$999.00

FOR THE LOWEST PRICES AND BEST SERVICE, CALL US FIRST
817-483-7474 • FAX: 817-483-9952 • Order Desk: 1-800-433-7668

SL261 LECTERN



Traditionally styled, self-contained, pedestal Sound Lectern that is acoustically engineered to provide clear reproduction with uniform coverage. The woodgrain walnut or light oak finish will blend with any room decor. An adjustable reading light has been provided. The Unidirectional Dynamic Microphone is removable from its support on the lectern and can be used up to 15 ft. away from the lectern. A second microphone may be connected to the lectern. The tape output provides for direct connection to a recording device or a PA system. The optional rechargeable battery (self-contained) permits the lectern to be used

anywhere on DC power. The built-in battery recharger automatically recharges the battery while the lectern is operating on AC power. The pedestal is removable.

SL261 Walnut	PAS Price \$ _____	List ... \$1250.00
SL261 Oak	PAS Price \$ _____	List ... \$1250.00

SL276 LECTERN



Finished in either woodgrain walnut or light oak laminate with a tri-dimensional front grille. The anti-glare reading light is concealed to maintain the streamlined contours while providing full illumination of the reading table. The powerful amplifier is combined with a high efficiency Sound Column Speaker System completely integrated within the Lectern's cabinet. Additional features include: Recessed casters for mobility, adjustable utility shelf, Unidirectional Dynamic Microphone, shock-mount holder for the microphone, input for

second microphone, output for tape or external PA system, output for external speaker, speech equalizer with switch, auxiliary input, volume and tone controls. The unit may be operated on DC with the optional rechargeable battery pack. The battery is recharged while the lectern is operating on AC and it is contained within the lectern's cabinet.

SL276 Walnut	PAS Price \$ _____	List ... \$1250.00
SL276 Oak	PAS Price \$ _____	List ... \$1250.00

MODEL SL370



The Lectern can operate on top of a desk, table or any other convenient surface. The lectern is acoustically engineered to provide clear reproduction with uniform coverage. The Unidirectional Dynamic Microphone is removable from its support on the lectern and can be used up to 15 ft. away from the lectern. A second microphone may be connected to the lectern. The tape output

provides for direct connection to a recording device. The optional rechargeable battery (self-contained) permits the lectern to be used anywhere on DC power. The built-in battery recharger automatically recharges the battery while the lectern is operating on AC power.

Call for prices.



MODEL SL371

The powerful amplifier is combined with a high efficiency Sound Column Speaker System completely integrated within the Lectern's cabinet. Additional features include: Unidirectional Dynamic Microphone, shock-mount holder for the microphone, input for second microphone, output for tape or external PA system, output for external speaker, speech equalizer with switch, auxiliary input, volume and tone controls. The unit

may be operated on DC with the optional rechargeable battery pack.

Call for prices.

SL372 LECTERN



The handcrafted all wood construction is both durable and decorative. finished in either woodgrain walnut or light oak laminate with a matching front grille and a Reading Light. Two casters are recessed within the floor base for mobility. The powerful amplifier is combined with a high efficiency Sound Column Speaker System completely integrated within the Lectern's cabinet. The result is superb voice reproduction with a minimum of reverberation. Additional features include: Unidirectional Dynamic Microphone, shock-mount holder for the microphone, input for second microphone, output for tape or external PA system, output for external speaker, speech equalizer with switch, auxiliary input, volume and tone controls. The unit may be operated on DC with the optional rechargeable battery pack.

Call for prices.

MODEL SL400



The SL400 is a streamlined Sound Column Lectern for voice reinforcement. The Lectern is available in several traditional hand-rubbed finishes with a matching front grille and includes a Reading Light. Two casters are recessed within the floor base for mobility. The powerful amplifier is combined with a high efficiency Sound Column Speaker System completely integrated within the Lectern's cabinet. The result is superb voice reproduction with a minimum of reverberation. Additional features include: Unidirectional Dynamic Microphone, shock-mount holder for the microphone, input for second microphone, output for tape or external PA system, output for external

speaker, speech equalizer with switch, auxiliary input, volume and tone controls. May be operated on DC with the optional rechargeable battery pack. The self-contained battery is recharged while the lectern is operating on AC.

Call for prices.



AKG K141/2

Punchy, dynamic & comfortable monitoring. Headphone capable of high SPL while maintaining audio integrity.

K141/2 PAS Price \$ _____ List \$119.00



BEYER DT-100

Excellent isolation from ambient noise, high SPL capability, accurate frequency response, modular construction for easy servicing.

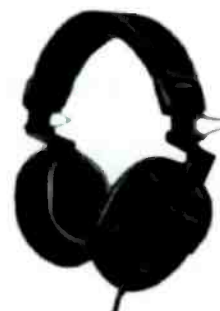
DT-100 PAS Price \$ _____ List \$239.00



AKG K240M

Deluxe circumaural stereo headphone provides better directional sound perspective & distance discrimination, faithfully simulating hearing in natural room conditions.

K240M PAS Price \$ _____ List \$139.00



DENON AHD SERIES DRIVERS

All of these headphone models are equipped w/large 50mm wide range reproduction capable of delivering powerful, dynamic basses & an upper range that is extremely clean.

AHD 650	PAS Price \$ _____	List \$100.00
AHD 750	PAS Price \$ _____	List \$125.00
AHD 950	PAS Price \$ _____	List \$150.00



AKG K280

Parabolic type, dual transducer design in each circumaural earcup. Focuses the sound towards the center of the ear. Twice the radiating area of conventional headphones.

K280 PAS Price \$ _____ List \$199.00
 K270S Closed Ear PAS Price \$ _____ List \$209.00



FOSTEX T20RP

Very comfortable design. Non-fatiguing, durable w/field replacement cable.

T20RP PAS Price \$ _____ List \$129.00



KOSS PRO4AA

The Koss's virtually goof-proof driver elements use an efficient, fully enclosed magnet structure & a strong polyester diaphragm to provide smooth & accurate high end response.

PRO4AA PAS Price \$ _____ List \$99.99



SENNHEISER HD320

The HD320 features a radically designed headband to fit every head & a cotton covered ear cushion for comfort. Computer designed "Radical Bead" diaphragm, triple-wound copper voice coils & a neodymium-ferrous magnet system for outstanding audio clarity.

HD320 PAS Price \$ _____ List \$99.00



SENNHEISER HD25SP

The HD25SP insures an accurate response for critical studio recording & mixdown applications. The high sensitivity drivers exhibit unparalleled efficiency, providing enough volume in high ambient noise environments. And yes, the HP25SP uses all field replaceable parts.

HD25SP PAS Price \$ _____ List \$129.00



SONY MDR-7506

Folding construction, 40mm driver element, closed ear design, very efficient. Service manual & carrying case included.

MDR-7506 PAS Price \$ _____ List \$159.00
 MDR-7504 PAS Price \$ _____ List \$119.00
 MDR-7502 PAS Price \$ _____ List \$69.00



YAMAHA RH5M

The optimum blend of ergonomic comfort & sound reproduction, these pro headphones are ideal for all situations.

RH5M PAS Price \$ _____ List \$59.95
 RH10M PAS Price \$ _____ List \$99.95



PAS STOCKS TELEX ANNOUNCERS ACCESSORIES

Call for price and details.



AKG K270HC

The famous AKG C410 condenser microphone mounted on a pair of K270's closed ear headphones. Cables terminated w/XLR mic cord 1/4" headphone.
 K270HC PAS Price \$ _____ List \$459.00



SENNHEISER HMD25-1

Used in the same applications as the HMD 224, the HMD 25-1 additionally offers a lower profile higher sensitivity headphone as well as a split headband for stability while being worn.
 HMD25-1 PAS Price \$ _____ List \$495.00



BEYER DT109/108

For many years this widely distributed DT104 dynamic headset has been the standard headset for many broadcast applications. Adjustable noise cancelling microphone provides clear, audible speech transmission.
 DT109 PAS Price \$ _____ List \$349.00
 DT108 Single Ear PAS Price \$ _____ List \$289.00



SHURE SM2

A professional headset for close-talking with a dynamic cardioid microphone and dual-ear headphones for mono or stereo operation. Microphone element designed for excellent noise rejection. Ideal for TV, radio, film and video applications.
 SM2 PAS Price \$ _____ List \$251.50



SENNHEISER HMD224

Closed headphone/super cardioid dynamic boom microphone. Seen regularly on network sportscasts. A long time favorite.
 HMD224 PAS Price \$ _____ List \$330.00



TELEX V-SERIES

Durable, comfortable, modular, easy to service. Field replaceable mic element & cable assy. Many options available.
 V-220 Dual muff & CA 70 + MB11 PAS Price _____ List \$229.00
 V-210 Single muff & CA 70 + MB11 PAS Price \$ _____ List \$187.00



AKG 414/ULS

FET condenser microphone with large diaphragm capsule, providing 4 selectable patterns. Wonderful, warm & rich sound; windscreens included.

C414/ULS PAS Price \$ _____ List ... \$1199.00



AKG C3000

This new large diaphragm AKG condenser mic features an internal shock mount system, eliminating the need for external shock mounting, selectable polar patterns, Bass Roll off & -10db attenuation switch.

C3000 PAS Price \$ _____ List \$699.00



AT 4033/SM

Transformerless studio mic featuring a gold plated "Aged Diaphragm" condenser element with an internal baffle plate to increase signal to noise ratio. Max input 140db SPL. Shock mount included.

AT4033/SM PAS Price \$ _____ List \$725.00
AT8137 Windscreen PAS Price \$ _____ List \$40.00



AT 4050/CM5

The new large diaphragm AT condenser mic features 3 different polar patterns, cardioid, omni & figure 8. Low noise transformerless electronics make this an ideal choice for critical operations. Shock mount included.

AT 4050/CM5 PAS Price \$ _____ List \$995.00
AT 8137 Windscreen PAS Price \$ _____ List \$40.00



EV RE20

The sound of the RE20 has made it one of the most popular broadcast announcer mics in the world. The RE20's smooth response & variable - D design helps to provide consistent sound with a variety of announcers.

EV RE20 PAS Price \$ _____ List \$716.00
309A Shock Mount PAS Price \$ _____ List \$148.00



EV RE27N/D

The RE27N/D high performance dynamic mic employing EV's patented N/DYM technology. The most important advance in microphone design over the last 25 years. The RE27N/D has been engineered to provide optimum performance for any application.

EV RE27N/D PAS Price \$ _____ List \$814.00
309A Shock Mount PAS Price \$ _____ List \$148.00



CAD EQUITEK E200

A multi-pattern condenser microphone, the E200 achieves incomparable low end & pristine high end coupled with remarkable transparency. Includes swivel mount.

E200 PAS Price \$ _____ List \$699.00



SHURE SM7

The smooth & silky, unidirectional SM7 is famous for making voices sound their best. Predictable performance & results.

SM7 PAS Price \$ _____ List \$566.00

See Page 88 for Microphone Processors.



AUDIO-TECHNICA AT804

Cost effective reporter microphone. This durable omidirectional mic has been designed to meet the expectations of your news crew.

AT804 PAS Price \$ _____ List\$110.00



AUDIO-TECHNICA AT822

The DAT mic. This stereo mic incorporates 2 matched condenser elements in an X/Y configuration to provide amazing sound & imaging. Comes with cables & windscreen. AA powered.

AT822 PAS Price \$ _____ List \$385.00
 AT825 - XLR Phantom Power PAS Price \$ _____ List \$500.00



BEYER M-58

Very low handling noise. Includes windscreen & case. 10" handle; looks great on camera. A truly exceptional interview mic.

M-58 PAS Price \$ _____ List \$279.00



CROWN SOUND GRABBER

Great for recording conferences, dictation & natural sound. Built-in interface uses AA battery. Unbalanced 10' cable w/ connectors included.

SG PAS Price \$ _____ List \$99.00



EV RE50

The RE50's rubber shock mount "mic within a mic" design achieves a degree of shock isolation never before known in the industry. Rugged, reliable & versatile.

RE50 PAS Price \$ _____ List \$276.00



EV 635A

The most popular ENG mic in the world. The 635A is the most durable mic EV makes! Predictable, reliable & virtually indestructible!

635A PAS Price \$ _____ List \$170.00
 635 A/B - Black finish PAS Price \$ _____ List \$170.00



SENNHEISER K6 MODULE SYSTEM

Sennheiser proudly introduces the K6 modular electret system in development for over a decade. It is the worthy successor of the best selling K34 system.

K6 - Power supply module phantom/battery	PAS Price \$ _____	List \$255.00
K6P - Power supply module phantom only	PAS Price \$ _____	List \$255.00
ME62 - Omni Head	PAS Price \$ _____	List \$159.00
ME64 - Cardioid Head	PAS Price \$ _____	List \$190.00
ME66 - Short Shotgun	PAS Price \$ _____	List \$269.00
ME67 - Long Shotgun	PAS Price \$ _____	List \$350.00
MKE2-60 - Omni Lav	PAS Price \$ _____	List \$285.00
MKE40-60 - Cardioid Lav	PAS Price \$ _____	List \$330.00



SHURE VP64

A sleek, ergonomic design & a high energy neodymium magnet make the VP64 a great choice for "on camera" applications.

VP64 PAS Price \$ _____ List \$135.00



AKG TRIPOWER SERIES

The tripower line combines the acoustic performance of our world standard studio microphones with new levels of ruggedness. Feedback rejection, high output & mechanical noise suppression.

D3900 - Vocal Mic	PAS Price \$ _____	List \$319.00
D3800 - Vocal Mic	PAS Price \$ _____	List \$279.00
D3700 - Vocal Mic	PAS Price \$ _____	List \$189.00



AKG BLUE LINE

The AKG Blue Line system established new standards for ease of use, reliability & performance in an affordable modular microphone format.

SE300B - Power module	PAS Price \$ _____	List \$259.00
CK91 - Cardioid Head	PAS Price \$ _____	List \$179.00
CK92 - Omni Head	PAS Price \$ _____	List \$179.00
CK93 - Hyper Cardioid Head	PAS Price \$ _____	List \$179.00
CK94 - Figure 8	PAS Price \$ _____	List \$359.00
CK98 - Short Shotgun	PAS Price \$ _____	List \$279.00



AKG C410 HEADWORN MIC

The ultimate headworn microphone. The articulated arm is adjustable up/down & front/back for precise mic placement. Comfortable, rugged & reliable.

C410	PAS Price \$ _____	List \$299.00
C410 (wireless connection)	PAS Price \$ _____	List \$229.00



AUDIO TECHNICA ARTIST HE SERIES

5 microphones; design goes beyond usual neodymium designs for better sound balance & less mechanical noise. Offers excellent gain before feedback.

ATM27HE	PAS Price \$ _____	List \$160.00
ATM29HE	PAS Price \$ _____	List \$145.00
ATM41HE	PAS Price \$ _____	List \$220.00
ATM61HE	PAS Price \$ _____	List \$270.00
ATM63HE	PAS Price \$ _____	List \$200.00



EV N/DYM SERIES II MICROPHONES

High output, great sound, neodymium magnetic design. One of our most popular handheld mics.

N/D257B	PAS Price \$ _____	List \$180.00
N/D308B	PAS Price \$ _____	List \$264.00
N/D357B	PAS Price \$ _____	List \$244.00
N/D408B	PAS Price \$ _____	List \$308.00
N/D457B	PAS Price \$ _____	List \$306.00
N/D757B	PAS Price \$ _____	List \$390.00
N/D857B	PAS Price \$ _____	List \$530.00

**PAS has
Microphones in
stock to fill
your needs.**



SENNHEISER MD421

One of the industry standards. Versatile, popular & reliable. How many does your station have?

MD421 PAS Price \$ _____ List \$469.00



SENNHEISER PROFORCE MUSICIAN SERIES

Uncompromised sound, true & powerful sonic reproduction utilizes a strong NdFeB (Neodymium/Iron/Boron) magnetic alloy. Proforce uses SCS (Spring Capsule Suspension) reducing handling noise.

MD518 PAS Price \$ _____ List \$229.00



SHURE SM58

Possibly the most popular vocal mic ever manufactured. Often imitated, never duplicated. The world standard.

SM58LC PAS Price \$ _____ List \$188.75
SM57LC PAS Price \$ _____ List \$147.00



SHURE SM48

Perfect for singers on their way up. Includes many of the outstanding performance features of the SM58—with similar appearance, sound, and ruggedness—at a very affordable price. Cardioid dynamic. Frequency response: 55 to 15,000 Hz.

SM48LC PAS Price \$ _____ List \$135.00

SHURE SM87



The SM87 condenser microphone features a smooth frequency response that is tailored for warm, rich vocal reproduction. Supercardioid polar pattern permits high gain without feedback, plus excellent rejection of unwanted sounds. Three-stage wind/pop filter minimizes breath noise. Excellent internal shock mount. Phantom power only. Frequency response: 50 to 16,000 Hz.

SM87 PAS Price \$ _____ List \$279.00



SHURE BETA 57

The Beta 57 is similar to the renowned SM57, but has extended bass response and a smoother, more gradual presence rise. The high-frequency response is also extended, resulting in a more open, natural instrument sound, while retaining the impact of the SM57.

Beta 57MR PAS Price \$ _____ List \$258.00



SHURE BETA 58

The Beta 58 is an excellent dynamic microphone for demanding live applications. That's because it combines maximum feedback rejection with the best in Shure sound quality and legendary reliability. The Beta 58 has the warmth of the world standard SM58, with an even smoother presence rise and extended top end.

Beta 58MR PAS Price \$ _____ List \$266.00



SONY F-720

For reliable, high quality sound reinforcement and audio production for video, the F-720 is one of the most useful dynamic microphones available. A newly developed large diameter capsule with a samarium cobalt magnet results in excellent reproduction of midrange frequencies and highly intelligible voice pickup.

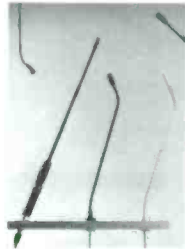
F-720 PAS Price \$ _____ List \$165.00
F-730 PAS Price \$ _____ List \$165.00

**See Pages 64
and 65 for
Microphone
Accessories.**



AUDIO TECHNICA AT831R

Warm, natural sounding cardioid lavalier mic. No annoying belt pack, flat response. Phantom power only.
 AT831R PAS Price \$ _____ List \$185.00



AUDIO TECHNICA UNIPOINT

The standard podium mic. AT offers many options including different patterns. Reasonable & predictable.

AT853R - Hanging Mic PAS Price \$ _____ List \$235.00
 AT857QMa - Podium Mic PAS Price \$ _____ List \$250.00
 AT859QML - Budget Podium PAS Price \$ _____ List \$165.00



CROWN LM SERIES

Mini sub-cardioid condenser microphone designed for public speaking. Phantom power only. An excellent value.

LM300 PAS Price \$ _____ List \$247.00
 LM 300L - 22" gooseneck PAS Price \$ _____ List \$247.00



CROWN PCC-160

This is a surface-mounted supercardioid mic intended for use on stage floors, lecterns, conference tables, and news desks — wherever improved gain-before-feedback and articulation are important.

PCC-160 PAS Price \$ _____ List \$295.00



CROWN PZM-30

The traditional PZM advantages are available in this integral boundary unit with added acoustical gain, smooth interference-free high frequency response, and very uniform polar response. Miniaturized electronics built into the mic cantilever allow the 30 series of PZMs to be powered directly by simplex phantom powering with no additional external interface electronics.

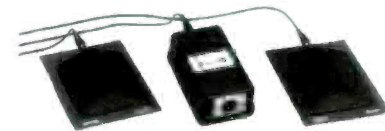
PZM-30D PAS Price \$ _____ List \$349.00



SHURE SM83

Professional omnidirectional condenser lavalier features an electronically-shaped frequency response dip at 730 Hz that minimizes the "chest resonance" phenomenon.

SM83 PAS Price \$ _____ List \$209.00
 SM84 Cardioid PAS Price \$ _____ List \$309.00



SHURE SM91A

The world's first unidirectional surface-mount mic has yet to be surpassed, thanks to the SM91A's exceptional condenser transducer element and excellent preamplification system.

SM91A PAS Price \$ _____ List \$310.00



SONY ECM

World class lavalier microphones. 3 omni & 1 cardioid. All available in black or silver.

ECM 44 PAS Price \$ _____ List \$245.00
 ECM 55 PAS Price \$ _____ List \$375.00
 ECM 66 PAS Price \$ _____ List \$429.00
 ECM 77 PAS Price \$ _____ List \$429.00



SHURE SM99

A member of Shure's Microflex™ line of premium products for sound contracting applications, this miniature gooseneck condenser mic is used for lecterns, pulpits, conference tables, or anywhere a high-quality, unobtrusive mic is needed. The tight supercardioid pattern helps to discriminate against sounds coming from the sides of the mic, resulting in plenty of volume without feedback.

SM99-6 (6") PAS Price \$ _____ List \$245.00
 SM99-12 (12") PAS Price \$ _____ List \$245.00
 SM99-18 (18") PAS Price \$ _____ List \$245.00



AUDIO-TECHNICA 500 SERIES

This system includes ToneLock™ sequence for quieter, more reliable operation, compander circuits that reduce noise and improve sound quality, surface-mount technology for reliable performance, rugged metal receiver case for durability, power, RF and AF indicators, and choice of 12 VHF frequencies.

W515 LAV system	PAS Price \$ _____	List \$548.00
W516 Handheld	PAS Price \$ _____	List \$490.00



AUDIO TECHNICA 1000 SERIES

True diversity, 2 independent RF sections, special muting circuit eliminates "thumps" when transmitter turns on or off. Rack kit included. 15 frequencies available.

ATW1031/831 - Lavalier System	PAS Price \$ _____	List \$745.00
ATW1032 - Handheld System	PAS Price \$ _____	List \$799.00



SHURE L SERIES

If you've had doubts about the affordable VHF wireless microphone, try a Shure L Series. L Series systems are available in diversity & non-diversity versions. Numerous systems available.

Lavalier Systems	PAS Price \$ _____	List \$605.00
Handheld Systems	PAS Price \$ _____	List \$690.00



EV MS2000A

Rack mount, true diversity, well designed & reliable RF circuitry. Rugged & road worthy.

Call for price and options.



SHURE SC SERIES

VHF frequency agile system. Numerous mic & mounting options available. Dual diversity, battery fuel gauge, tone key squelch.

Call for prices and options.



SONY UHF WIRELESS SYSTEM

This new UHF synthesized wireless microphone system operates in the 800MHz UHF band, and is hardly effected by external noise and interference. A PLL (Phase Locked Loop) synthesized control system makes it easy to access up to 94 channels of operating frequency for virtually interference free operation. With the use of Sony pre-programmed channels, complete multiple channel operation is possible. The adoption of a space-diversity reception system, reliable devices and sophisticated circuit technology assure low noise, wide dynamic range and stable signal transmission and reception.

Call for price and options.



SAMSON BROADCAST STD SYSTEM

Frequency agility! 10 selectable VHF channels, full RF monitoring, dual gate MOSFET front end, dbx noise reduction, balanced & unbalanced outputs. High quality & reliable transmitters. Many configurations available.

SWBSP6/831 - Lavalier System PAS Price \$ _____ List ... \$1239.99
 SWBSH5 - SM58 Handheld PAS Price \$ _____ List ... \$1399.99



SAMSON CONCERT SERIES III

Front panel antennas (real panel available), 15 VHF channels available, balanced output, rugged construction, true diversity, dbx noise reduction. Many configurations available.

SWNSLE - Lav System PAS Price \$ _____ List \$590.00
 SWNSHP - Handheld System PAS Price \$ _____ List \$560.00



SAMSON STAGE 33

New microprocessor, true diversity delivers fail-safe RF reception. dbx noise reduction, wide selection of mic elements.

SW3SLE - Lav System PAS Price \$ _____ List \$590.00
 SW3SHP - Handheld PAS Price \$ _____ List \$490.00



TELEX PROSTAR

Cost effective, Pos-i-Phase true diversity squelch control, unbalanced out, rack mount (available for R-20). Pop-less mic mute.

Lav Systems starting at: PAS Price \$ _____ List \$380.00
 Handheld starting at: PAS Price \$ _____ List \$490.00



TELEX FMR 70 SERIES

Pos-i-Phase true diversity VHF system in an economical package. Squelch control, LED display, mic gain balanced output, mic mute, battery test.

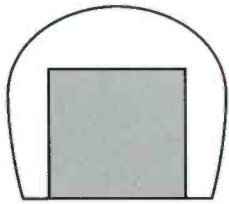
Lav Systems from: PAS Price \$ _____ List \$599.00
 Handheld from: PAS Price \$ _____ List \$699.00



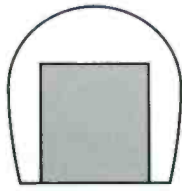
TELEX FMR 450

The Telex FMR-450 system avoids the interference and congestion common in VHF systems by operating in the UHF band between 524 MHz and 746 MHz. That means broadcast quality audio with up to 50 systems operating at once—in one location. With Telex's patented tru diversity circuitry, the FMR-450 system operates over long distances reliably—so microphone users can roam freely with complete confidence.

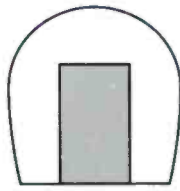
Lav Systems starting at: PAS Price \$ _____ List ... \$1425.00
 Handheld starting at: PAS Price \$ _____ List ... \$1499.00



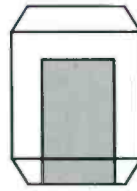
Large Spherical
Fits EV N/D 357
22 colors available
\$4.95



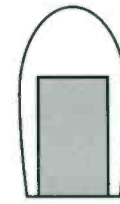
Regular Spherical
Fits SM58
25 colors available
\$4.75



Small Spherical
Fits 635a
22 colors available
\$4.25

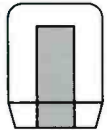


5700
Fits SM57
22 colors available
\$4.25

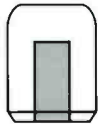


Large Cylindrical
Fits AKG 451/ck
19 colors available
\$3.75

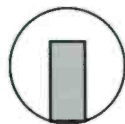
- Color Available**
Grey - 01
Off White - 02
Yellow - 03
Red - 04
Royal Blue - 05
Purple - 06
Tangerine - 07
Orange - 08
Brown - 09
Pink - 10
Green - 11
Black - 12
Light Grey - 13
Navy Blue - 14
Mauve - 15
French Blue - 16
Apricot - 17
Sea Green - 18
Tan - 19
Neon Pink - 20
Neon Yellow - 21
Neon Green - 22



Podium
Fits AT Unipoint
19 colors available
\$3.25



Lapel
Fits AT 831
19 colors available
\$3.25



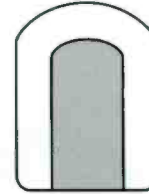
Round Lavalier
Fits most Lavs
19 colors available
\$3.25



Mini-Round Lavalier
Fits Sony ECM77
Available in Black or White
\$3.00



Tear Drop
Fits Telex PH21
22 colors available
\$3.00



X-Large Cylindrical
Fits RE-20
19 colors available
\$29.95

- 300 SERIES**
Tie-Dye Blue - 23
Tie-Dye Green - 24
Tie-Dye Red - 25

Colors may vary slightly

SG-1 Fits Sennheiser MKH416



SG-1
Black Only
\$19.95

SG-2 Fits AT 815R



SG-2
Black Only
\$24.95

SG-3 Fits Sennheiser MRH816



SG-3
Black Only
\$29.95

WindTech makes a windscreen to fit your Mic.

PAS has the colors in stock.



AKG TENSIMOUNT

AKG Tensimount universal mic isolators are a simple yet highly effective way to eliminate floor vibration, shock, and mechanical feedback that is transmitted through your mic stands. Tensimounts adapt any microphone to fit a standard 3/4" stand, so interchanging mics and stands is faster than ever before. Mic clip required for mounting to stand or arm.

TM-1	PAS Price \$ _____	List \$21.00
TM-2	PAS Price \$ _____	List \$24.00
TM-3	PAS Price \$ _____	List \$28.00
SA26	PAS Price \$ _____	List \$12.00
SA40	PAS Price \$ _____	List \$12.00



STOPPIT

This stoppit with gooseneck and clamp easily attaches to mic stand, gooseneck allow proper placement of stoppit in front of mic.

POMT PAS Price \$ _____ List \$39.95



AKG MIC STANDS

AKG offer a wide range of mic stands and sturdy boom arms, for professional needs.

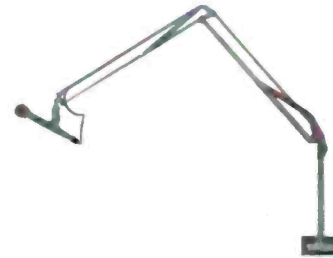
Please call your PAS rep for details.



ATLAS MICROPHONE STANDS

Atlas Sound stands are made to last. Quality design and almost 60 years' worth of performances—on stage and off—offer proven reliability you can depend on. The fact is that they're simply built better. No replica has been able to match the Atlas made in U.S.A. craftsmanship. Call for our low price and for info on mic mounting accessories.

MST0C	PAS Price \$ _____	List \$44.93
MST2C	PAS Price \$ _____	List \$44.93
MS20C	PAS Price \$ _____	List \$97.63
MS25C	PAS Price \$ _____	List \$155.70
DS5 Deskstand	PAS Price \$ _____	List \$17.33
DS7 Deskstand	PAS Price \$ _____	List \$25.33



LUXO MIC ARMS

LUXO, the leader in mic arm booms, offers models with a 41" reach, enough to clear almost any console or copy stand. The LM-1 holds mics up to 1 lb., the KM-1 is designed for mics up to 3 lbs. You have a choice of portable, wall, or permanent bracket mounting. An optional 12" riser is also available. Available in grey or black.

LM-1	PAS Price \$ _____	List \$70.00
KM-1	PAS Price \$ _____	List \$85.00
50005 counter top mount	PAS Price \$ _____	List \$12.00
50003 wall mount	PAS Price \$ _____	List \$12.00
50001 "C" clamp	PAS Price \$ _____	List \$12.00
PAS 12 12" Riser	PAS Price \$ _____	List \$29.00



O.C. WHITE MIC ARMS

O.C. White Mic Arms have long been considered by many as the premium mic arm. Featuring heavy construction and oversized pivots for strength. There is even a triple unit for use in talk show or interview situations.

M2MDU Single unit grey	PAS Price \$ _____	List \$99.95
M2MDUB Single unit black	PAS Price \$ _____	List \$109.95
OCWJR Single unit		
grey lightweight	PAS Price \$ _____	List \$99.95
Triple Unit	PAS Price \$ _____	List \$329.95

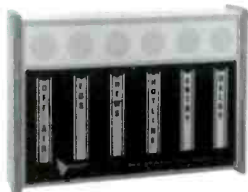
**Need an item not shown?
Call your PAS Representative today.**



ARCHITECTURAL SERIES

Enhance the environment of any broadcast application with the ARCHITECTURAL SERIES of warning lights. The series includes flat wall and wall or ceiling mounted models. Constructed of one-piece die cast aluminum housing of 1.8" minimum wall thickness with no external hardware. The spring clip mechanisms firmly secure the directional panel to the housing, eliminating light leaks. Recording studio model features an attractive reel to reel logo with the word "Recording" in bold red letters.

33W6100 Flat Wall	PAS Price \$ _____	List \$119.00
33E6200 Ceiling	PAS Price \$ _____	List \$149.00
33P6200 Pendant	PAS Price \$ _____	List \$169.00



ENBERG BA6 ALERT MONITORING

Auto or manual reset, Flashing indicators, Opto-isolated inputs, Solid state relays, 32 alert labels included, Custom labels Available, DC output for BA6R remote panel, fone module included. Beige color with oak trim.

BA6	PAS Price \$ _____	List \$379.00
BA6RX (Rack Mount)	PAS Price \$ _____	List \$379.00
BA6R (Remote panel)	PAS Price \$ _____	List \$199.00
BA6RMX	PAS Price \$ _____	List \$119.00
FN6 (Fone module)	PAS Price \$ _____	List \$35.00



FIDELIPAC WARNING LIGHTS

Available in many languages 5x10x2 1/2. 120VAC

340 ON AIR	PAS Price \$ _____	List \$80.00
340 RECORDING	PAS Price \$ _____	List \$80.00
340 AIRE	PAS Price \$ _____	List \$80.00
340 GRAVANCHO	PAS Price \$ _____	List \$80.00



ON-AIR WARNING LIGHT

Large, bright, attention getting warning light. The outside is white, then flashes red when the light is turned on. Uses a standard 25 watt red bulb and is designed for easy surface mounting.

3636 PAS Price \$ _____ List \$69.00



TITUS TECHNICAL LABS OAL SERIES

Low voltage (24VDC) warning lights. Gold or silver frames set in solid oak (other woods available) custom lettering and engraving available. Offered in horizontal or vertical mountings.

OAL PAS Price \$ _____ List \$125.00

Let PAS quote a Package Discount on your next project.



ANVIL ATA CASES

Anvil ATA Cases have become synonymous with quality, durability, & are now the most copied case in the industry! Many options exist, all cases manufactured to your specification & delivered to your door typically in 2 weeks.

Call for price and options.



MIDATLANTIC SECURITY COVERS

S-1 1 3/4" (1 space)	PAS Price \$ _____	List \$28.00
S-2 3 1/2" (2 space)	PAS Price \$ _____	List \$31.00
S-3 5 1/4" (3 space)	PAS Price \$ _____	List \$34.00
S-4 7" (4 space)	PAS Price \$ _____	List \$36.50



MIDATLANTIC BLANK PANELS

BL-1 1 3/4" (1 space)	PAS Price \$ _____	List \$17.50
BL-2 3 1/2" (2 space)	PAS Price \$ _____	List \$20.50
BL-3 5 1/4" (3 space)	PAS Price \$ _____	List \$25.50
BL-4 7" (4 space)	PAS Price \$ _____	List \$29.00



MIDATLANTIC VENT PANELS

VT-1 1 3/4" (1 space)	PAS Price \$ _____	List \$13.00
VT-2 3 1/2" (2 space)	PAS Price \$ _____	List \$15.50
VT-3 5 1/4" (3 space)	PAS Price \$ _____	List \$19.00
VT-4 7" (4 space)	PAS Price \$ _____	List \$21.50
VT-6 7" (6 space)	PAS Price \$ _____	List \$25.00

SCREWS & WASHERS

10-32 x 3/4" truss head phillips machine screws, black zinc finish. #10 black flat fiber washers prevent marring equipment face.

HP 100 screws & washers	PAS Price \$ _____	List \$20.00
HPS 24 screws & washers	PAS Price \$ _____	List \$5.50



SQUARE DRIVE HARDWARE

HS 100 screws & washers	PAS Price \$ _____	List \$25.50
S-BIT HS square drive bit	PAS Price \$ _____	List \$3.50



STAR-POST SECURITY HARDWARE

HTX 50 screws & washers	PAS Price \$ _____	List \$15.00
T-BIT Star-Post bit	PAS Price \$ _____	List \$12.50



SHOULDER WASHERS

Use with regular washers for isolating equipment from rack rails, eliminating ground loop problems.

SW 100 #10 Shoulder washers	PAS Price \$ _____	List \$8.50
-----------------------------	--------------------	-------------------



SOUNDOLIER WA SERIES

Manufactured to E.I.A. standards, 16 gauge cold rolled steel construction includes one pair 11ga CRS rack rails UL listed versions available on many models, Stocked in scratch resistant black textured enamel.

Many sizes, colors and options available, call for all the details.

MID ATLANTIC RACKS AND ACCESSORIES



SLIM-2 SERIES 19" DESKTOP TURRET RACK

For front end control, mixing, or system monitoring. Standard side panels are removal and are made of 5/8" furniture grade MDF with black laminate. Features include: 16 gauge welded frame with black powder coated finish, front and rear threaded rack rail, open bottom, rubber feet, and 18" deep on bottom.

2-6 — 10 1/2" (6 space)	PAS Price \$ _____	List \$187.00
2-10 — 17 1/2" (10 space)	PAS Price \$ _____	List \$218.00

D & TD, 19" REPLACEMENT STORAGE DRAWERS

This drawers provide convenient storage of many items that need to stay with your installation. Features: fully enclosed top to keep contents in, knock out rear panel for cable entree, front panel with attractive, flush, spring loaded latch that engages when the drawer is closed, full extension ball-bearing slides that extend drawer out 14", easily removed bottom, keylock (optional) to secure contents, 16 gauge steel construction, and you can chose from black brushed anodized or textured finish. 15 7/8" W x 14" D.

D2 — 3 1/2" high, 2 space, anodized finish	PAS Price \$ _____	List \$144.50
TD2 — 3 1/2" high, 2 space, textured finish	PAS Price \$ _____	List \$131.50
D3 — 5 1/4" high, 3 space, anodized finish	PAS Price \$ _____	List \$162.50
TD3 — 5 1/4" high, 3 space, textured finish	PAS Price \$ _____	List \$151.50
D4 — 7" high, 4 space, anodized finish	PAS Price \$ _____	List \$173.50
TD4 — 7" high, 4 space, textured finish	PAS Price \$ _____	List \$160.00
D5 — 8 3/4" high, 5 space, anodized finish	PAS Price \$ _____	List \$187.00
TD5 — 8 3/4" high, 5 space, textured finish	PAS Price \$ _____	List \$169.00
D8 — 14" high, 8 space, anodized finish	PAS Price \$ _____	List ... \$220.00
TD8 — 14" high, 8 space, textured finish	PAS Price \$ _____	List ... \$204.50
LK — Keylock, any D or TD drawer	PAS Price \$ _____	List \$33.50

DRAWER MEDIA PARTITIONS

The most efficient method of storing media. Open style of partitioning allows for multi disk sets. Constructed of 20 gage steel with a black powder coat finish.

CD-P — CD partition, use with D4 and TD4	PAS Price \$ _____	List \$30.00
CS-P — Cassette partition, use with D2 and TD2	PAS Price \$ _____	List \$28.00
DAT-P — DAT partition, use with D2 and TD2	PAS Price \$ _____	List \$28.00
VHS-P — VHS partition, use with D5 and TD5	PAS Price \$ _____	List \$35.50
LP-P — LP partition, use with D8 and TD8	PAS Price \$ _____	List \$42.50
DWS — Drawer work surface, use with all D and TD	PAS Price \$ _____	List \$42.50

RACKMOUNT MEDIA HOLDERS

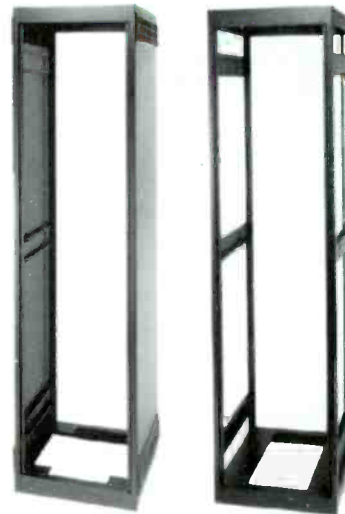
19" rackmount holders, with partitions that prevent tipping of contents. Media protrudes 3/8" for easy access. Choice of two finishes, brushed and black anodized or textured black powder coat. 16 gage flanged aluminum face.

DAT — Anodized DAT tape holder	PAS Price \$ _____	List \$79.00
TDAT — Textured DAT tape holder	PAS Price \$ _____	List \$63.50
CS — Anodized Cassette tape holder	PAS Price \$ _____	List \$79.00
TCS — Textured Cassette tape holder	PAS Price \$ _____	List \$63.50
CD — Anodized CD tape holder	PAS Price \$ _____	List \$82.50
TCD — Textured CD tape holder	PAS Price \$ _____	List \$70.00
VHS — Anodized VHS tape holder	PAS Price \$ _____	List \$100.00
TVHS — Textured VHS tape holder	PAS Price \$ _____	List \$84.50
LP — Anodized LP/laser disk/binder tape holder	PAS Price \$ _____	List \$193.00
TLP — Textured LP/laser disk/binder tape holder	PAS Price \$ _____	List ... \$164.50

UTILITY SHELVES

Quick and easy rack mounting, constructed of 16 gage steel with textured black powder coat finish. Will support up to 50 lbs. 1 piece construction. Fits all equipment up to 17 3/8" wide.

U1 — 1 3/4", 1 space, 11" deep	PAS Price \$ _____	List \$42.00
U2 — 3 1/2", 1 space, 14 3/4" deep	PAS Price \$ _____	List \$42.00
U3 — 5 1/4", 1 space, 4 3/4" deep	PAS Price \$ _____	List \$42.00



Slim 5 w/sides

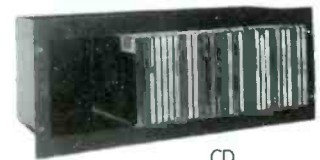
Slim 50



D-4



Partitions



CD



Slim 2-6



U2

SLIM-5 K.D., MULTI-BAY ENCLOSURE

The most versatile 19" steel rack available. Gangs with or without optional cable chase. Free factory welding upon request. 13 gage top and bottom. 2 pairs 11 gage fixed thread rack rail. Electronic knockouts in 2 locations, 1/2" and 3/4", and prepunched for optional casters and leveling feet. 20" usable depth.

5-43 — 75 1/4" (43 space)	PAS Price \$ _____	List \$315.50
5-37 — 64 3/4" (37 space)	PAS Price \$ _____	List ... \$267.00
5-29 — 50 3/4" (29 space)	PAS Price \$ _____	List ... \$289.00
5-21 — 36 3/4" (21 space)	PAS Price \$ _____	List ... \$262.50
5-14 — 24 1/2" (14 space)	PAS Price \$ _____	List ... \$233.50
5-8 — 14" (8 space)	PAS Price \$ _____	List ... \$204.50

SLIM 5 OPTIONS:

5CC — Cable chase kit	DO-5 — Locking front doors
5W — Casters	RAP — Rear access pan
5WLK — Locking casters	SP-5 — Pair of side panels
5AR — Adjustable rear rack rail	

SLIM 50 SERIES ENCLOSURES

The slim 50 is a welded 19" multi-bay enclosure designed for maximum flexibility. 12 gage steel corners, 14 gage steel tops and bottoms, standard (fully adjustable) front and rear 11 gage threaded rack rails, unique "laser knockouts", 3 places for cable bundles, large cable entry opening in bottoms, locking rear door, and textured black powder coat. 21 1/4" outside width, and available in 25" and 30" outside depth.

50-44-25 — 77" (44 space) 25" deep	PAS Price \$ _____	List \$911.11
50-40-25 — 70" (40 space) 25" deep	PAS Price \$ _____	List ... \$858.00
50-37-25 — 64" 3/4" (37 space) 25" deep	PAS Price \$ _____	List ... \$820.00
50-44-30 — 77" (44 space) 30" deep	PAS Price \$ _____	List ... \$1082.50
50-37-30 — 64" 3/4" (37 space) 30" deep	PAS Price \$ _____	List ... \$933.50

FOR THE LOWEST PRICES AND BEST SERVICE, CALL US FIRST
817-483-7474 • FAX: 817-483-9952 • Order Desk: 1-800-433-7668



SOUNTEX

Sound control insulating foam in big UL listed sheet for fast installation. Same sound absorbing qualities as high priced foam, but very economical with the lowest price per foot of any foam. 96' x 54" sheets (equals 36², at 2" thick).

1 sheet	PAS Price \$ _____	List \$49.95
2-6 sheets	PAS Price \$ _____	List \$47.25
7+ sheets	PAS Price \$ _____	List \$44.25



MURPHY STUDIO FURNITURE

Our premier series elegant studio furniture meets the exact needs of your studio environment. Engineered into the design are numerous access panels, a bumper base for durability, a passive ventilation system, and a wire management system. We offer layout flexibility with a custom quality fit.

Please call PAS for info on all configurations of Murphy Studio Furniture.



ABCO

ABCO, the leader in wire storage racks, offers CD racks in 70 capacity wall racks and 280 and 560 capacity lazy susan carousels.

ABCO 50 Wall Rack	PAS Price \$ _____	List \$50.00
ABCO 70 Wall Rack	PAS Price \$ _____	List \$75.00
ABCO 280 Lazy Susan	PAS Price \$ _____	List \$350.00
ABCO 560 Lazy Susan	PAS Price \$ _____	List \$630.00
ABCO 300 Cart Lazy Susan	PAS Price \$ _____	List \$369.00
ABCO 500 Cart Lazy Susan	PAS Price \$ _____	List \$559.00



ARISTOCART

Low cost, slim line, space saver unit holds 20 cartridges in slanted slots. Easily mounted on any wall, but can also be stacked. Made of rugged high impact styrene construction.

AW20	PAS Price \$ _____	List \$14.50
------	--------------------	--------------------



FIDELIPAC

Heavy gauge wire racks are perfect for table top, wall mount, or mobile floor storage. Designed for long use.

WR-25 Wall rack (25 cap.)	PAS Price \$ _____	List \$38.00
WR-200 Mobile rack (200 cap.)	PAS Price \$ _____	List \$390.00
TR-48 Table top (48 cap.)	PAS Price \$ _____	List \$109.00
TR-96 Table top (96 cap.)	PAS Price \$ _____	List \$194.00



LITTLITE

The perfect gooseneck lamp for your console or wherever you need light. L-3's are available in 12" and 18" lengths, and use an efficient quartz bulb to produce a crisp white light. You can dial up just the right amount of light with the dimmer control on the base. Call for PAS pricing on the full line of Littlite products.

L-3/12 - 12"	PAS Price \$ _____	List \$57.00
L-3/18 - 18"	PAS Price \$ _____	List \$57.00
WB - weighted base	PAS Price \$ _____	List \$11.00
Q5 - quartz bulb	PAS Price \$ _____	List \$9.00



OMNIMOUNT

The unique Omnimount system utilizes a patented ball and clamp assembly and works with a variety of tube lengths, bend configurations, mounting plates, pipe adaptors, and accessories. Available in many sizes and load capacities. To select the right model for the job, you need to know three basic things; location and type of mounting surfaces, weight of object being mounted, and overall dimensions of the object to mounted.

Call for application and pricing.



PERFECT DATA 16008P COPY STAND

This copyholder is the perfect solution for holding copy in any application or situation. Strong and generously sized copy boards feature a hold down bar to keep books open and papers secure.

16008P	PAS Price \$ _____	List \$69.00
--------	--------------------	--------------------



FURMAN AR-117

Delivers 117 +3VAC (97-131VAC), Output capacity 12-15 amps, LED bar graph input voltage meter, eight rear & one front panel regulated outlets.

AR-117 PAS Price \$ _____ List \$599.00
 AR-PRO 30 Amp World voltage PAS Price \$ _____ List .. \$2295.00



FURMAN PL-8

Two slide-out, swiveling light fixtures, Dimmer control for lamps, eight RFI/EMI filtered outlets on rear, varistor spike & surge protection, 10 amp circuit breaker.

PL-8 PAS Price \$ _____ List \$159.00
 PL-8 Plus 15 amp with voltage monitor PAS Price \$ _____ List \$229.00



JUICE GOOSE OMEGA 20

High amperage voltage regulation. Converts 90 to 135 volt to 120 volt with a 20 amp capacity. Output shuts down to protect equipment when input is below 80 or above 142 volts. New digital logic technology controls output only at zero voltage crossings in AC waveform to avoid generation of voltage spikes and line noise. Includes light, voltage meter, and 16 outputs, Requires 20 amp input.

OMEGA 20 PAS Price \$ _____ List \$599.00



JUICE GOOSE 'ZILLA SERIES

The 'Zilla family of rack mount power & light modules provide 10 amps of spike protection.

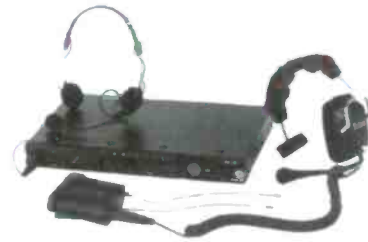
'Zilla 8 PAS Price \$ _____ List \$89.00
 'Zilla 8L with pull out lamps PAS Price \$ _____ List \$125.00
 'Zilla 8LM with lamps & AC meter PAS Price \$ _____ List \$195.00



ONE POWER L-SERIES

Economical rack mount power distro. Protects sensitive equipment from spikes.

LC-15A PAS Price \$ _____ List \$109.00
 LS-15A with pull out lamps PAS Price \$ _____ List \$149.00



RTS TELEX INTERCOM

The RTS TELEX Intercom system is a high performance conference line intercommunications system that features over 25 different components and accessories. In full duplex mode it offers; simultaneous talk and listen to and from each user station. Minimum of two user stations, maximum of 75 possible. Refined Phase III circuitry permits 12-volt power operation, low-cot multi channel selection, dry line capability, 2, 3, or 4 line formats, ten mile operation range and balanced line operation.

Call PAS for price and options.



AUDICOM INTERCOM SYSTEM

Audiocom cabled intercom systems have modular components that connect with standard microphone cable. Professional headset intercommunication ranges from simple party lines to a sophisticated network using director controlled multichannel configurations.

Call PAS for price and options.



TECHNICAL PROJECTS

Technical Projects offers a full line of portable and installed intercom systems ranging from the most complex to a simple, cost effective system.

Call for price and system details.



COLLINS SPLICER

The CAT splicer use pre-cut adhesive joining tabs mounted on a continuous strip within a cassette. One press of the dispensing arm transfers a tab from the cassette to the magnetic strip in a single, controlled movement. This takes less than a second and eliminates harmful exposure of the adhesive to the air. The tab is automatically centered and aligned, giving a more reliable splice. Each cassette holds 250 tabs and is replaceable in a matter of seconds.

CAT	PAS Price \$ _____	List \$139.95
Replacement cassettes	PAS Price \$ _____	List \$5.95



Xedit professional splicing blocks are individually machined to very precise standard from hard, high quality, premium aluminum. All of the blocks are meticulously hand finished to a very smooth, burr free, surface finish.

Splicing Blocks

Block Model	Tape Size	Cut Config.	List Price	
S-1	Cass.	90°/45°	PAS Price \$ _____	List \$50.00
S-2	1/4"	90°/45°	PAS Price \$ _____	List \$46.00
S-2	1/4"	MTK°/45°	PAS Price \$ _____	List \$46.00
S-3X	1/4"	60°X/45°	PAS Price \$ _____	List \$66.00
S-3	1/4"	MTK/45°	PAS Price \$ _____	List \$50.00

Splicing Tabs

Tab Model	Tape Size	Qty.	List Price	
CL-1	1/4"	250	PAS Price \$ _____	List \$16.50
CL-1-1000	1/4"	1000	PAS Price \$ _____	List \$47.00



PROFESSIONAL HEAD CLEANER

Cleans tape heads, tape guides, pinch rollers, and capstans. Dissipates quickly, leaving no residue, non-hydroscopic, non-flammable, non-toxic, and completely safe.

PAS 40 - Quart	PAS Price \$ _____	List \$7.95
PAS 80 - Gallon	PAS Price \$ _____	List \$19.50



DEMAGNETIZERS

The Han-D-Kit from Annis provides everything needed to measure and eliminate magnetism in recorder components before recorded tapes are damaged permanently. The pocket magnetometer quickly and accurately, measures residual magnetism levels in recorder heads, drive capstans or tape guides. Indicates when it's time to demagnetize and lets you know when it's again safe to use the recorder. Kits includes Han-D-Mag, pocket Magnetometer, clip on extension probe, set of steel test strips and instructions.

K25/115S Short probe kit	PAS Price \$ _____	List \$99.00
115-L Han-D-Mag Long probe	PAS Price \$ _____	List \$40.00
25/5 Range 5 Gauss	PAS Price \$ _____	List \$50.00
Set of steel test strips	PAS Price \$ _____	List \$3.50



FIDELIPAC MODEL 400

Our most powerful bulk eraser, providing over 2000 Gauss of erasure power. Featuring a hardwood case, scuff resistant laminate top, die cast zinc edge guide, removable aluminum pivot pin, and nonskid rubber feet, it will efficiently erase magnetic media on reel sizes up to 11" in diameter.

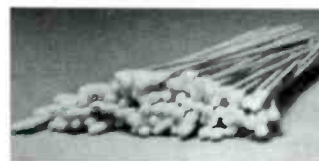
400	PAS Price \$ _____	List \$160.00
-----	--------------------	---------------------



DISCWASHER

D'MAG utilizes a series of permanent of high energy samarium cobalt magnets to not only demagnetize tape heads, but also all metal components throughout the entire tape path. Requires no batteries or power cords.

FG1450	PAS Price \$ _____	List \$14.95
--------	--------------------	--------------------



CLEANING SWABS

Cleaning your cart machines was never easier. Sturdy 6" swabs with a large cotton head.

PAS 100 - 100 count	PAS Price \$ _____	List \$9.95
---------------------	--------------------	-------------------



DISCWASHER

The Discwasher D4+ record care system safely cleans records without reducing dynamics or fidelity.

FG1046	PAS Price \$ _____	List \$19.95
FG1047 16oz. Refill	PAS Price \$ _____	List \$14.95
FG1048 6oz. Refill	PAS Price \$ _____	List \$9.95

MRL ALIGNMENT TAPES

MRL manufacturers more than 160 different types of reproducer calibration tapes. Tape width from cassette to 2" in all usual output levels are available.

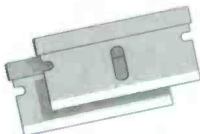
Call PAS for a quote on the exact tape for your machines.



STL ALIGNMENT TAPES

STL tapes are recorded directly from precision generating equipment to provide the most accurate reference possible. As an independent standards laboratory, STL provides a completely objective service, with test tapes available to all who need a precision reference tool. Tapes available include: reproduce alignment test tapes, pink noise, level set, azimuth, and flutter.

Call for pricing.



SPLICING BLADES

Stainless steel, oil free blades for precise editing and splicing of your valuable tapes.

PAS 51 100 qty.	PAS Price \$ _____	List \$7.95
-----------------	--------------------	-------------------

PENCILS FOR EDITING

Tape editing is a breeze when you can see the mark. And you can keep your carts neat and clean with PAS editing peel-off type china markers.

PAS 15 - White, box of 12	PAS Price \$ _____	List \$8.10
PAS 15 - White, box of 2	PAS Price \$ _____	List \$1.56
PAS 16 - Yellow, box of 12	PAS Price \$ _____	List \$8.10
PAS 16 - Yellow, box of 2	PAS Price \$ _____	List \$1.56



TASCAM HUB ADAPTORS

The Tascam TZ612 adaptors hold 10 1/2" NAB reels down on most reel/reel tape recorders that use a winged locking shaft.

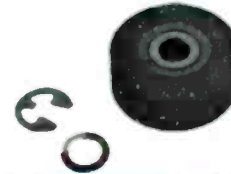
TZ612 - Pair	PAS Price \$ _____	List \$49.00
--------------	--------------------	--------------------



VIF PRESSURE ROLLERS

VIF 1005 series pressure rollers feature a unique self centering bearing that allows it to remain exactly parallel to the capstan shaft.

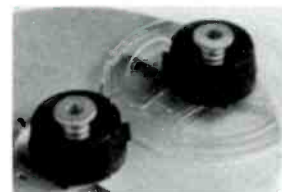
VIF1005-60 Ampex	PAS Price \$ _____	List \$46.00
VIF1007 Scully 1.5 o.d.	PAS Price \$ _____	List \$36.00
VIF1008 Scully 2.0 o.d.	PAS Price \$ _____	List \$44.00



PAS PRESSURE ROLLERS

Replace your dried-out and cracked pressure rollers with new, fresh ones from PAS

PAS 60 - Standard (Black)	PAS Price \$ _____	List \$16.95
PAS 65 - Long Life polymer resin	PAS Price \$ _____	List \$19.95



VIF HUB ADAPTORS

VIF has a complete line of replacement hubs for dozens of different recorders. The VIF 1000 series hubs are spring loaded and a highly reliable method of securing NAB reels.

VIF1000 - Fits 5.16" dia. Ampex, Scully, Sony	PAS Price \$ _____	List \$20.00
VIF1000-0 - For 8mm shaft, Otari, Scully	PAS Price \$ _____	List \$24.50
VIF1000-T - For Tascam	PAS Price \$ _____	List \$28.00

PAS has all your production needs in-stock.

FOR THE LOWEST PRICES AND BEST SERVICE, CALL US FIRST
817-483-7474 • FAX: 817-483-9952 • Order Desk: 1-800-433-7668

AMPEX

Item	WxL	Type	Ct.	Single	1-3 Ctn.	4+ Ctn.
456 — 1.5 MIL. POLYESTER "GRAND MASTER"						
456151111	1/4"x1200'	7"	20	9.07	8.50	7.99
45617611T	1/4"x2500'	HUB	10	13.16	12.34	11.62
45617311J	1/4"x2500'	MR	10	24.04	22.54	21.22
456272111	1/2"x2500'	HUB	7	34.22	32.08	30.19
456273111	1/2"x2500'	MR	7	42.48	39.83	37.49
456572111	1"x2500'	HUB	5	68.19	60.62	57.79
456573111	1"x2500'	MR	5	73.52	68.95	64.90
45697G111	2"x2500'	MR	2	157.35	140.52	137.29

457 — 1.5 MIL. POLYESTER "GRAND MASTER"

4571511U1	1/4"x1800'	7"	20	12.06	11.30	10.64
45717611T	1/4"x3600'	HUB	10	20.98	19.67	18.51

499 — 1.5 MIL. POLYESTER "GRAND MASTER GOLD"

499151111	1/4"x1200'	7"	20	10.19	9.55	8.99
49917611T	1/4"x2500'	HUB	10	14.18	13.29	12.51
499174111	1/4"x2500'	MR	10	25.83	24.22	22.79
499274111	1/2"x2500'	MR	7	47.12	44.18	41.58
499574111	1"x2500'	MR	5	80.70	75.65	71.70
49997M111	2"x2500'	MR	2	168.28	150.28	147.75

406 — 1.5 MIL. POLYESTER AUDIO MASTERING

406151131	1/4"x1200'	7"	20	7.54	7.07	6.65
40617613T	1/4"x2500'	HUB	10	10.48	9.80	9.23
40617313J	1/4"x2500'	MR	10	19.41	18.15	17.09
406273131	1/2"x2500'	MR	7	34.97	30.57	29.19
406573131	1"x2500'	MR	5	59.98	53.37	50.87
40697G131	2"x2500'	MR	2	126.58	112.60	107.34

631 — 1.5 MIL. STANDARD OUTPUT

631151111	1/4"x1200'	7"	20	4.83	4.53	4.26
63117611T	1/4"x2500'	HUB	10	6.48	6.08	5.72

641 — 1.0 MIL. STANDARD OUTPUT

641151111	1/4"x1800'	7"	20	6.58	6.17	5.80
64117611T	1/4"x3600'	HUB	10	8.51	7.98	7.51

632 — 1.5 MIL. LOW NOISE/HIGH OUTPUT

632151111	1/4"x1200'	7"	20	5.31	4.98	4.69
63217611T	1/4"x2500'	HUB	10	6.84	6.42	6.04

3M SCOTCH TAPE LEADER

996 — 1.5 MIL. MASTERING TAPE

Item	Type	Ct.	1	1-3 Ctn.	4+ Ctn.
996-7					
996-7	1/4"x1200'	7"	20	9.80	8.85
996H	1/4"x2500'	HUB	12	14.20	12.85
996MR	1/4"x2500'	MR	10	25.95	23.50
996 1/2H	1/2"x2500'	HUB	10	37.05	32.35
996 1/2MR	1/2"x2500'	MR	10	47.50	42.95
9961 H	1"x2500'	MR	10	73.35	66.95
9961 MR	1"x2500'	HUB	5	81.20	73.35
9962 H	2"x2500'	HUB	2	174.15	158.95
9962 MR	2"x2500'	MR	2	185.95	169.89

3M SCOTCH PREMIUM TAPE

908 — 1.5 MIL.

Item	WxL	Type	Ct.	1	1-3 Ctn.	4+ Ctn.
9087	1/4"x1200'	7"	20	8.56	7.81	7.25
908H	1/4"x2500'	HUB	12	11.95	10.89	10.11
908MR	1/4"x2500'	MR	10	22.05	20.10	18.72
908 1/2H	1/2"x2500'	HUB	10	28.34	25.85	24.05
908 1MR	1/2"x2500'	MR	10	35.10	32.05	29.82

**PAS STOCKS AN
EXTREMELY WIDE
RANGE OF RECORDING
TAPE. PLEASE
CONTACT US TO
LOCATE ANY SPECIFIC
TAPE YOU NEED.**

maxell

908 — 1.5 MIL.

Item	WxL	Type	Ct.	1	1-3 Ctn.	4+ Ctn.
UD3590	1/4"x1200'	7"	10	9.65	8.89	7.75
UD35180	1/4"x3600'	10"	10	22.90	21.10	18.89

3M SCOTCH TAPE LEADER

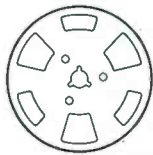
Item	Description	Ctn.	Single	1-3 Ctn.	4+ Ctn.
20 SERIES — 2.5 MIL. PAPER					
201/4	1/4"x1000' WHITE	20	6.50	5.78	5.51
61 SERIES — 1.5 MIL. POLYESTER W/TIMING MARKS					
61W1/4	1/4"x1500' WHITE	20	16.32	14.52	13.84
611/2	1/2"x1000' WHITE	10	18.22	16.21	15.45
611	1"x1000' WHITE	5	32.68	29.07	27.71
612	2"x250' WHITE	25	15.78	14.04	13.38

TAPE- SPLICING

Item	Description	Qty	Single	1-3 Ctn.	4+ Ctn.
41A1/4	7/32"x66', ACETATE	12	2.83	2.52	2.40
6201/4	7/32"x66', 1.5 MIL. POLYESTER	10	4.02	3.57	3.41
671	1"x100', 1.5 MIL. POLYESTER	12	10.14	9.02	8.60
671/2	1/2"x100', 1.5 MIL. POLYESTER	12	5.67	5.05	4.81
671/4	1/4"x100', 1.5 MIL. POLYESTER	12	4.94	4.39	4.19
CX1	1/4" EDIT TABS	250	16.50	14.25	11.95
CX11000	1/4" EDIT TABS	1000	47.00	39.50	31.95

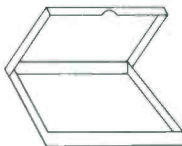
TAPE- HOLD DOWN - 3M

81251/490	STRIPED HOLD DOWN TAPE		7.46	6.64	6.33
-----------	------------------------	--	------	------	------



TAPE- REELS

Item	Hub Size	Description	Ctn.	Single	1-3	4+
10CLEAR	NAB	1/4"x10.5", PLASTIC	20	2.42	2.02	1.73
5SH	1.75	1/4"x5", PLASTIC	180	.38	.32	.27
7SH	1.75	1/4"x7", PLASTIC	180	.77	.64	.55
5FF	3	1/4"x5", PLASTIC	180	.51	.43	.37
7FF	4	1/4"x7", PLASTIC	180	.99	.83	.71
10MR	NAB	1/4"x10.5", METAL	20	10.95	9.95	8.95



TAPE- BOXES, HINGED WHITE

5WHT	5"x1/4"	174	.44	.33	.26
7WHT	7"x1/4"	180	.63	.48	.38
10WHT	10.5"x1/4"	50	1.59	1.20	.96

DAT TAPE (QUANTITY PER CARTON=10)



AMPEX 467

Item	TIME	Single	1-3 Ctn.	4+ Ctn.
467R015P	15 MIN.	5.70	5.32	4.99
467R046P	46 MIN.	7.79	7.27	6.82
467R060P	60 MIN.	8.86	8.27	7.75
467R090P	90 MIN.	10.65	9.94	9.32
467R120P	120 MIN.	12.58	11.74	10.15

DENON

R60DT	60 MIN.	7.41	6.59	6.29
R90DT	90 MIN.	8.74	7.77	7.41
R120DT	120 MIN.	10.29	9.16	8.73

MAXELL

R49DM	46 MIN.	6.36	5.66	5.40
R64DA	60 MIN.	7.27	6.47	6.17
R94DM	90 MIN.	8.18	7.28	6.94
R124DM	120 MIN.	9.09	8.09	7.71

PANASONIC

RTR60P	60 MIN.	5.52	4.91	4.68
RTR90P	90 MIN.	6.35	5.65	5.39
RTR120P	120 MIN.	7.18	6.39	6.09

SONY

PDP30	30 MIN.	6.64	5.91	5.63
PDP46	46 MIN.	7.62	6.78	6.46
PDP60	60 MIN.	8.68	7.72	7.36
PDP90	90 MIN.	10.56	9.39	8.95
PDP120	120 MIN.	12.42	11.05	10.53

MAXELL HI-8mm TAPE

P6120HMBQ	PAS Price \$ _____	List \$14.60
-----------	--------------------	--------------------

ADAT TAPE (SUPER VHS)

AMPEX TAPE	PAS Price \$ _____	List \$19.95
MAXELL ST62BQ	PAS Price \$ _____	List \$12.95
MAXELL ST1268Q	PAS Price \$ _____	List \$13.95

PANASONIC DAT HEAD CLEANING TAPE

ITEM	Single	1-3	4+
RTRCLP	12.00	10.00	8.58

MINI DISC

SONY MDW60	60 minute	14.00
SONY MDW74	74 minute	17.00
JVC MD60V	60 minute	13.00
JVC MD74V	74 minute	16.00



TAPE- CASSETTES

(BULK SOLD IN SLEAVES OF 25 PCS.)

BAC SERIES, NORMAL BIAS, GENERAL PURPOSE

MODEL	LENGTH/SIDE	25-275	300-475	500+
BAC5	2.5 MIN.	.48	.44	.40
BAC31	15.5 MIN.	.56	.51	.47
BAC62	31 MIN.	.74	.68	.62
BAC92	46 MIN.	.94	.87	.79

PC SERIES, NORMAL BIAS, HIGH PERFORMANCE

MODEL	LENGTH/SIDE	25-275	300-475	500+
PC10	5 MIN.	.54	.50	.45
PC31	15.5 MIN.	.66	.60	.55
PC62	31 MIN.	.88	.80	.74
PC92	46 MIN.	1.12	1.02	.94

PCM SERIES, NORMAL BIAS, DUPLICATION MASTER

MODEL	LENGTH/SIDE	25-275	300-475	500+
PCM30	15 MIN.	.72	.66	.60
PCM60	30 MIN.	.88	.83	.77
PCM90	45 MIN.	1.23	1.16	1.08
PCM120	60 MIN.	2.04	1.86	1.70

PRO SERIES, HIGH BIAS, BEST REPRODUCTION

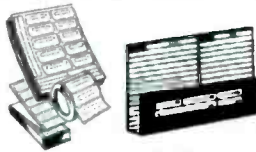
MODEL	LENGTH/SIDE	25-275	300-475	500+
PRO10	5 MIN.	.70	.67	.61
PRO30	15 MIN.	.77	.74	.68
PRO60	30 MIN.	1.05	.99	.92
PRO90	45 MIN.	1.30	1.22	1.13

TAPE CASSETTE ACCESSORIES



MODEL	DESCRIPTION	1-499	500	1000+
40	NORELCO, 2 PIECE HARD PLASTIC	.20	.15	.14
25	POLYESTER BOX, HINGED (MAILING)	.13	.11	.10

Labels



MODEL	DESCRIPTION	1-4PK	5-9PK	10PK
15204	CASSETTE LINER, 400 PCS.	10.95	9.86	9.31
CX3	CASSETTE EDIT TABS, 250 PCS.	16.50	14.25	11.95
CX31000	CASSETTE EDIT TABS, 1000 PCS.	47.00	39.50	31.75
S1	CASSETTE EDIT BLOCK, 90/45 CUT	49.00 each		
		1-99	100-299	900+
10000	LABELS, 10 PER SHEET	.50	.29	.20
		1 pk.	2 pk.	3 pk.
PAS90	LABELS, 500 PER ROLL	6.95	5.95	4.95
91	LABELS, 1000 PER PIN FEED	14.95	13.29	12.43

AUDIOPAK

A2 (BLACK CASE W/CLEAR TOP)

Length	Single	Case
10-100 sec.	3.85 ea.	3.65 ea.
2.5-4.5 min.	4.35 ea.	4.12 ea.
5.5-10.5 min.	4.87 ea.	4.60 ea.
Empty	3.00 ea.	2.95 ea.

A3 (BLUE CASE W/CLEAR TOP)

Length	Single	Case
10-100 sec.	4.68 ea.	4.42 ea.
2.5-4.5 min.	5.25 ea.	4.97 ea.
5.5-10.5 min.	6.05 ea.	5.75 ea.

A4 (BLUE CASE W/BLUE TOP)

Length	Single	Case
10-100 sec.	5.25 ea.	4.95 ea.
2.5-4.5 min.	5.80 ea.	5.49 ea.
5.5-10.5 min.	6.75 ea.	6.39 ea.

A2 Pressure Pad	.20	
A3 & A4 Single Pad	.15	
A3 & A4 Pressure Pad	.20	

FIDELIPAC 300 (GREY CASE)

Length	Single	Case
10-100 sec.	4.04 ea.	3.79 ea.
2.5-4.5 min.	4.78 ea.	4.48 ea.
5.5-10.5 min.	5.00 ea.	4.69 ea.

DYNAMAX (CHARCOAL CASE)

Length	Single	Case
10-100 sec.	5.27 ea.	4.94 ea.
2.5-4.5 min.	5.61 ea.	5.26 ea.
5.5-10.5 min.	6.61 ea.	6.20 ea.

AUDIOMAX

(BLUE CASE)

Length	Single	Case
10-100 sec.	4.60 ea.	4.31 ea.
2.5-4.5 min.	5.12 ea.	4.80 ea.
5.5-10.5 min.	6.17 ea.	5.79 ea.

300 Pressure Pad	.35	
MasterCraft Pressure Pad	.25	

ITC CART II

(SCOTCHCARTS, BLACK CASE)

Length	Single	Case
10-100 sec.	5.76 ea.	5.42 ea.
2.5-4.5 min.	6.94 ea.	6.53 ea.
5.5-7.5 min.	7.96 ea.	7.49 ea.

TAPE- LUBRICATED FOR CART

TYPE	WxL	Cart	Ctn.	Single	1-3	4+
FM17H	1/4"x4200'	A2	10	26.07	23.19	22.11
Q17H	1/4"x3600'	AA3	10	34.76	30.92	29.48
SGS4	1/4"x3600'	AA4, AUDIOMAX	10	37.25	33.13	31.58
DYN400X	1/4"x3600'	300	10	24.60	23.95	N/A
219	1/4"x4000'	ITC (SCOTCH)	12	46.95	45.25	N/A



ADC PROPATCH BAYS

ADC's Pro Patch pre-wired bays provide a quick, easy to use alternative to specifying a custom patch bay system. This standardized system provides a standard TT or LF front, wired directly to a punch down block, for easy field termination.

Call for PAS price.



BURK TECHNOLOGY LX-1

Select from studio, automation, satellite or tape. Control from front panel, studio, or remote control. Eliminate patching for alternate air program sources. Mix sources for 2-studio dialog. Match IHF or PRO inputs. Select from 6 stereo inputs.

LX-1 PAS Price \$ _____ List ... \$1295.00



CONEX AS-101 AUDIO SWITCHING SYSTEM

The AS-101's features are as follows: 10 stereo inputs switchable to one stereo output, all audio & remote control connections are made with plug-in screw-clamp terminal blocks, transformerless balanced inputs & outputs. Multiple remote controls may be connected to the 7 wire remote control bus, remote control units are simple, inexpensive & easy to connect & the front panel & remote control buttons are user legible.

AS-101 PAS Price \$ _____ List \$895.00



FOSTEX 3010 NORMALLED PATCHBAY

This cost effective unit has 16 pairs of normalled RCA patch points. As easy to install as it is to understand.

3010 PAS Price \$ _____ List \$119.00



GENTNER PATCH PANELS

The Gentner custom wired patch panels feature nearly 100 standard configurations using high quality components to include 22 gauge shielded pair stranded wire, easy to read number coding, combed wire bundles.

Call for PAS price.



LOGITEK PRE-10

The LOGITEK PRE-10 Input Expander and MON-10 Multi-Source Meter/Monitor offer reliable audio switching, metering and monitoring. Easy to install, and simple to operate, it's excellent for Recording Booths, Edit Suites, Vans or any audio test rack. The Pre-10 input expander is a passive routing switcher which feeds any of ten monaural inputs to either of two outputs. You can use it any place where you have more sources that you have audio inputs to connect them to. The MON-10 multi source meter/monitor feeds any of ten stereo inputs to a single stereo output, and also feeds the selected input to a multi-range meter, a 6 watt speaker and a front panel headphone jack. Logitek's exclusive five year warranty.

MON-10	PAS Price \$ _____	List \$855.00
PRE-10M	PAS Price \$ _____	List \$515.00
PRE-10S	PAS Price \$ _____	List ... \$560.00



WHIRLWIND CUSTOM PATCHBAYS

Whirlwind offers any number of patchbays built to your specifications. Jacks and plugs, full normalled or half-normalled, Whirlwind will build the unit that best fits your needs.

Your PAS Sales Representative will assist you in the design and ordering.



WOHLER ARS SWITCHER

The ARS Series features a modular design which allows units to be configured to suit a variety of specific application requirements. An ARS unit can be configured to accept up to 20 mono or stereo inputs, with signals routed to stereo or dual mono outputs. A total of 15 configurations are possible, including one which allows the ARS to serve as a 5 x 4 audio matrix switcher.

Call for price and details.



HENRY ENGINEERING LOGICONVERTER

4 opto-isolated inputs that control 4 isolated relay outputs. Latched or momentary, single or dual "flip-flop" outputs, logic modes selected via internal switches. Inputs can be 5-24VDC, TTL, CMOS, open collector or contact closures.

LogiConverter PAS Price \$ _____ List \$195.00



HENRY MICROMIXER

MicroMixer is a 4-input, 2-output stereo mixer for line-level sources. MicroMixer is a perfect utility mixer with numerous uses: combining 2 stereo sources to a stereo output; combining up to 4 mono sources; mixing mono and stereo sources to a stereo output. Each balanced bridging input will accept a balanced or unbalanced source.

MicroMixer PAS Price \$ _____ List \$195.00



HENRY MIXMINUS PLUS

MixMinus Plus is a special audio device that is designed to add a "mix-minus" facility to an audio console or teleconferencing system. It is often used in a broadcast station to create the "send audio" which is fed into the Send input of a telephone hybrid. MixMinus Plus has inputs for "Program" audio and "Caller" audio. The unit removes the Caller audio from the Program signal. This Program-minus-Caller audio is fed back to the caller via the hybrid. Up to 40-dB of caller null is typical.

MixMinus Plus PAS Price \$ _____ List \$195.00



HENRY STEREOSWITCH

StereoSwitch is a three-input stereo audio switcher. It accepts up to three stereo balanced audio sources, selecting one to be routed to the stereo balanced output. It is ideally suited for numerous broadcast applications, e.g., as a studio switcher, line selector or for automatic source selection under the control of a broadcast automation system.

StereoSwitch PAS Price \$ _____ List ... \$250.00



HENRY SUPERRELAY

Superrelay provides six isolated SPDT relay 3 contacts, plus an AC output that may be programmed to "flash". The AC output is 3 solid-state switches to prevent electrical noise or arcing. Superrelay can be controlled with an external DC voltage (5-24V), contact closure, or any 1 circuit that switches to ground.

Superrelay PAS Price \$ _____ List ... \$250.00



SHURE PROBLEM SOLVERS

- A15AS Mic attenuator -15,-20, -25dB attenuation PAS Price \$ _____ List \$48.00
- A15BT Bridging Transformer PAS Price \$ _____ List \$49.25
- A15HP High pass filter PAS Price \$ _____ List \$47.00
- A15LA 50dB line attenuator (turns line into mic) PAS Price \$ _____ List \$45.00
- A15LP Low pass filter PAS Price \$ _____ List \$47.00
- A15PA Presence adapter, adds presence peak PAS Price \$ _____ List \$47.00
- A15PRS Switchable phase reverser PAS Price \$ _____ List \$47.00
- A15RS Sibilance filter PAS Price \$ _____ List \$47.00
- A15TG Tone generator PAS Price \$ _____ List \$79.50

Don't see what you are searching for... give PAS a call.

RADIO DESIGN LABS "STICK-ONS"

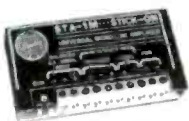
Radio Design Labs offers many different "Stick-Ons" for various applications. Below are some of the best sellers. Don't forget the PS24 power supply at \$13.95. Call for a complete RDL catalog.



STA-1

Line amplifier.
STA-1

PAS Price \$ _____ List \$112.95



STA-1M

Mono line amplifier.
STA-1M

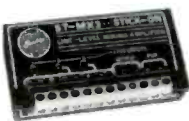
PAS Price \$ _____ List \$82.95



ST-PHI

Phono pre-amp.
ST-PHI

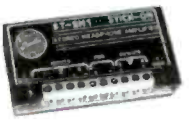
PAS Price \$ _____ List \$104.95



STM-X3

Line level mixer.
STM-X3

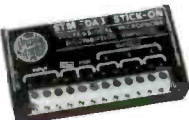
PAS Price \$ _____ List \$94.95



STS-HI

Stereo headphone amp.
STS-HI

PAS Price \$ _____ List \$94.95



STM-DA3

Mono 1x3 DA.
STM-DA3

PAS Price \$ _____ List \$104.95



STM-1

Microphone pre-amp.
STM-2

PAS Price \$ _____ List \$79.95



STM-2

Low noise dual microphone pre-amp.
STM-2

PAS Price \$ _____ List \$109.95



STP-1

Dual attenuator.
STP-1

PAS Price \$ _____ List \$43.95



STD-150

Divider/Combiner.
STD-150 - 150Ω
STD-600 - 600Ω

PAS Price \$ _____ List \$38.95
PAS Price \$ _____ List \$38.95



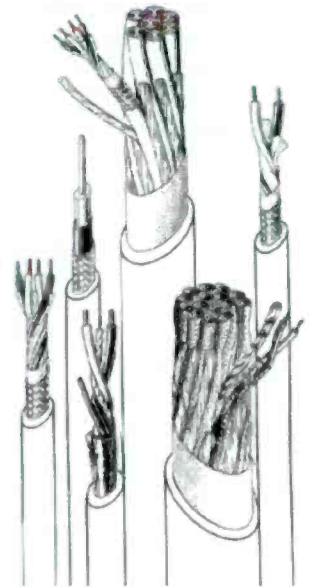
STM-PA2

Dual phantom adaptor.
STM-PA2

PAS Price \$ _____ List \$68.95

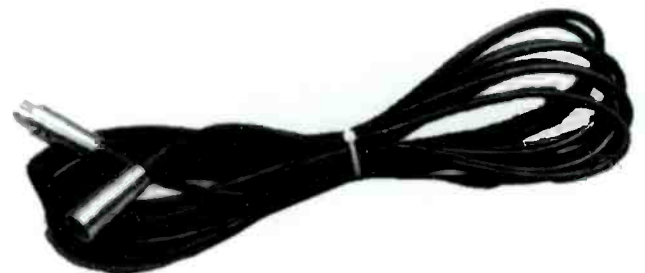


WE CARRY A WIDE SELECTION OF BULK WIRE AND CABLE, CONNECTORS FROM SWITCHCRAFT AND NEUTRIK, AND PREMADE CABLES FROM RAPCO, CANARE, PRO CO., AND MORE!!!



SPEAKER CABLES WITH 1/4" CONNECTORS

1610 - 10' 16 ga.	PAS Price \$ _____	List \$9.95
1630 - 30' 16 ga.	PAS Price \$ _____	List \$14.95



MICROPHONE CABLE WITH SWITCHCRAFT CONNECTORS

SJ10 - 10' SJ10	PAS Price \$ _____	List \$12.95
SJ15 - 15' SJ15	PAS Price \$ _____	List \$14.95
SJ25 - 25' SJ25	PAS Price \$ _____	List \$16.95
SJ50 - 50' SJ50	PAS Price \$ _____	List \$19.95



APHEX COMPELLOR

One of the worlds most acclaimed audio level processors. There is no change in the sound quality, only level correction. Automatic & seamless. Remote relay bypass, defeatable peak limiter, -10, +4 or +8 dBu operating levels.

320A stereo	PAS Price \$ _____	List ... \$1350.00
323A mono w/aural exciter	PAS Price \$ _____	List \$949.00



APHEX DOMINATOR II

The Dominator II is a stereo multiband peak limiter w/zero overshoot. Once the peak ceiling is set, there is no higher amplitude in the output. The model 723 includes pre-emphasis (50 or 75 microseconds) & switchable de-emphasis.

723	PAS Price \$ _____	List ... \$1350.00
720	PAS Price \$ _____	List ... \$1495.00



APHEX EXPRESSOR

Exclusive high frequency expander (HFX) allows higher ratio of compression than other devices. "SPR" restores bass clarity & punch w/o any increase of amplitude.

651 mono	PAS Price \$ _____	List \$495.00
----------	--------------------	--------------------



APHEX EASY RIDER

4 channel compressor/limiter, incorporating the ideals of the Apex design, a pristine audio path controlled by intelligent detector circuits. Automatic attack & release times.

106	PAS Price \$ _____	List \$449.00
-----	--------------------	--------------------



dbx 166A

The 166A is a dual channel compressor with an expander gate, providing complete control of audio signal dynamics. Predictable, reliable & listenable.

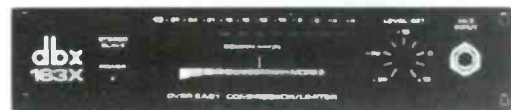
166A	PAS Price \$ _____	List \$549.00
------	--------------------	--------------------



dbx 160A

The 160A has become a worldwide standard single channel compressor/limiter. Each 160A features dual matched RMS detectors to permit true power summing of input signals w/ another 160X or XT for stereo tracking.

160A	PAS Price \$ _____	List \$459.00
------	--------------------	--------------------



dbx 163X

Rapid, goof-proof operation, expanded display array indicates amount of compression. Strapable to another 163X for true stereo compression. Rack mount included.

163X	PAS Price \$ _____	List \$169.00
------	--------------------	--------------------



dbx 266

Uses the newly developed DBX Auto Dynamic attack & release circuitry which delivers true musical DBX compression for a wide range of applications.

266	PAS Price \$ _____	List \$299.00
-----	--------------------	--------------------

PAS stocks a wide range of Signal Processors to fit your budget and application.



ART CS-2

The two channels of the CS-2 may be used separately or linked as a stereo pair. Each channel features: Active Balanced inputs and outputs, Threshold, Ratio, Attack, Release, and Output controls, Hard or Soft knee selector switch, Compressor threshold over and under LED indicators, Gain Reduction Metering, Switchable input and output metering, Bypass switch, Detector Loop, and an exclusive One Button Limiting mode. When the Limit button is pressed, the compressor/ratio is automatically set to Limit and the Attack time is set to its quickest setting (0.5ms). All other controls (including Hard or Soft knee selector) are active. Additionally, a noise gate is provided with Threshold and Release Time controls. A gate "on" LED indicator is provided.

CS-2 PAS Price \$ _____ List \$279.00



ASHLEY CL50E/52E

Low noise & distortion, detector patch points for frequency selective limiting, gain reduction meters, balanced I/O's. Unusually wide control range on all parameters.

CL52E - Dual Channel PAS Price \$ _____ List \$312.00
 CL50E - Mono PAS Price \$ _____ List \$480.00



BEHRINGER COMPOSER

The composer is a unique dynamics processor, based on our new, interactive technology. The unit has a newly developed IRC (Interactive Ratio Control) expander with a ratio setting that adapts automatically to program material.

Composer PAS Price \$ _____ List \$469.00



DOD 866

Independent (or stereo linked) channels of compression/limiting & gating using dbx VCA's. Balanced I/O's. LOG RMS detectors.

866 PAS Price \$ _____ List \$279.00



DRAWNER DL24 I

Dual channel, balanced I/O, hardware bypass, stereo linking, metered output & gain reduction, zero overshoot, auto or manual attack & release times.

DL241 PAS Price \$ _____ List \$749.00



FURMAN LC-6

Model LC-6 is the newest member of Furman's family of dynamic modifiers. It is two complete, sophisticated limiter/compressor/noise gates in one. The LC-6's gain processing is the smoothest of any of the Furman compressors, and its noise level is the lowest. These factors, along with the LC-6's complement of functions, make it a flexible and cost-effective choice in any audio system.

LC-6 PAS Price \$ _____ List \$439.00



JBL M712

This dual channel compressor/limiter offers complete user control over threshold, attenuation, attack and release controls, gate function with independent threshold control for each channel, stereo linkable, bright graphics, and an outstanding 115 dB dynamic range.

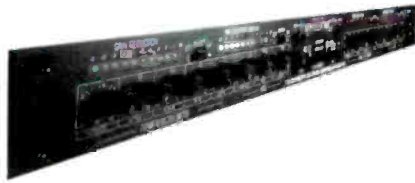
M712 PAS Price \$ _____ List \$405.00



KLARKTEKNIK DN500

The DN500 dual compressor/limiter/expander offers the engineer a unique combination of variable knee compressor, independent limiter and clipper plus a variable ratio expander/gate for the ultimate in dynamic control. With this flexibility the DN500 is suited to a wide range of applications.

DN500 PAS Price \$ _____ List ... \$1240.00



PHONIC PCL3200

Selectable peak/RMS limiting, choose hard or soft knee compression. Stereo or Dual mono, variable independent expander/gate, full I/O metering.

PCL3200 PAS Price \$ _____ List \$279.00



RANE DC 24

The Rane Model DC 24 Dynamic Controller is a two channel Compressor, Limiter, Expander Gate system with very unusual attributes. The DC 24 offers unprecedented control of its operating parameters as well as a built-in 24 dB/octave Linkwitz-Riley crossover which gives it very impressive capabilities.

DC 24 PAS Price \$ _____ List \$599.00



ROLLS RP 252

Cost effective gated compressor/limiter utilizing Analog Designs. Highly touted VCA. Balanced I/O, one rack space. Don't let the price fool you!

RP252 PAS Price \$ _____ List \$275.00



SYMETRIX 425

Independent downward expander, compressor, limiter. Individual LED meters for each processing section. Balanced I/O; clean, transparent & accurate dual channel operation.

425 PAS Price \$ _____ List \$579.00



SYMETRIX SX208

Easy to use stereo compressor/limiter. Simple straightforward controls. LED's show input level compression & clip. Balanced I/O. Rack mountable with kit.

SX208 PAS Price \$ _____ List \$299.00

Rack Kit PAS Price \$ _____ List \$39.00



VALLEY AUDIO 433

The model 433 Dynamite³ is a 2-channel compressor, limiter, expander, gate, ducker. Along with keyable multi-ratio compression, peak limiting, and simultaneous expansion, gating or ducking, the Dynamite³ offers true stereo interlink for improved VCA detector tracking, (superior to simple dual channel sum or slave/master schemes). Also featured are internally switchable Manual Gain Compensation or Automatic Gain Recovery.

433 PAS Price \$ _____ List \$799.00



VALLEY AUDIO 730

More than just a digital version of an analog stereo compressor, limiter, expander, sibilance controller or gate. The Model 730 takes control of audio dynamics functions in ways never before realized, while providing every form of digital and analog interface currently in use. For the first time, complex, easily programmable multi-threshold, multi-ratio dynamics functions may be combined to provide total control of complex audio signals.

730 PAS Price \$ _____ List .. \$2249.00



YAMAHA GC2020BII

Yamaha now offers a superb dual-channel compressor/limiter for the home studio and small production facility. The Yamaha GC2020BII 2-channel compressor/Limiter is a high-performance unit that can be effectively used in recording, sound reinforcement, broadcasting and other production applications. The GC2020BII offers a wide variety of control features for precise tailoring of compression and limiting parameters, and it also features an expander type noise gate in each channel for effective noise reduction. Further, the GC2020BII offers all this with exceptionally high audio quality—full 20Hz to 20kHz frequency response and no more than 0.05% total harmonic distortion.

YAMAHA GC2020BII PAS Price \$ _____ List \$449.00



APHEX 105

4 discreet channels, Aphex VCA 1001, logic assisted detectors, front panel key input indicator, simple open/close LED's for gate status.

105 PAS Price \$ _____ List \$449.00



APHEX 622

The Aphex 622 expander/gate is a dual channel dynamics processor. Incorporating new, proprietary detection circuitry that provides reliable, accurate & stable operation of any gate.

622 PAS Price \$ _____ List \$795.00



dbx 172

Every function of the Supergate has been designed to allow rapid, repeatable setup & superior results. The 172 provides the user faster access to better sound.

172 PAS Price \$ _____ List \$869.00



dbx 274

The dbx 274 Quad Expander/Gate delivers high performance & classic dbx sound quality w/4 channels of independent gating or expansion.

274 PAS Price \$ _____ List \$449.00



DOD 844

Cost effective, 4 channel noise gate. Balanced I/O's utilizes dbx's VCA chip.

844 PAS Price \$ _____ List \$279.00



DRAWMER DS201B

Dual channel, variable low-pass & high pass filters for frequency sensitive operation, comprehensive envelope controls - attack, hold & release. Each channel can be switched from gating to ducking for voice over applications or removal of clicks & pops.

DS201B PAS Price \$ _____ List \$749.00



SYMETRIX 564E

Quad gate expander, frequency conscience gated key listen switch, selectable noise gate or downward expander, LED meter on each channel. Very easy to set up & use, and of course balanced I/O's.

564E PAS Price \$ _____ List \$989.00

**PAS has a vast
inventory, which means...
Fast Delivery to you!**



ASHLY GQX SERIES

Extreme accuracy and ease-of-use combined with Ashly's renowned clean, straightforward engineering and design, produce a series of graphic equalizers that can truly be called the "next generation."

GQX 1502	PAS Price \$ _____	List \$600.00
GQX 3101	PAS Price \$ _____	List \$720.00
GQX 3102	PAS Price \$ _____	List \$1200.00



ART HD-15

The HD-15 (stereo 2/3 octave) and HD-31 (1/3 octave) equalizers represent the next generation in professional audio equalization. They are the product of more than 10 years of research and development and they feature the absolute best in electronic components. Modern automated assembly and computerized testing procedures result in equalizers that are astonishingly rugged and reliable and have audio performance characteristics that are better than most digital specifications!

HD-15	PAS Price \$ _____	List \$435.00
HD-31	PAS Price \$ _____	List \$435.00



DBX 1531X

dbx's second generation 1531X was designed to be a versatile, compact, one rack equalizer. The rear panel switch converts the 1531X from a mono 31 band EQ to a dual 15 band EQ.

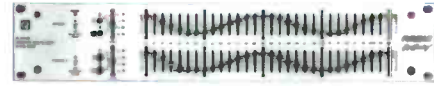
1531X	PAS Price \$ _____	List \$419.00
-------	--------------------	--------------------



DOD 830 & 831

The 831 is a full-featured equalizer in a compact single rack space height. This is an excellent equalizer for those situations that require exact equalization in a minimum space.

830 Stereo 15 band	PAS Price \$ _____	List \$259.00
831 Stereo 31 band	PAS Price \$ _____	List \$259.00



FURMAN "Q" EQ'S

The Q-152 and the Q-302 graphic EQ's are the flagships of Furman's Q-Series. Maximum length 60mm sliders allow easy, resettable adjustment of small increments required for critical adjustments.

Q-152	PAS Price \$ _____	List \$489.00
Q-302	PAS Price \$ _____	List \$469.00



KLARK-TEKNIK DN301

The DN301 single channel attenuating equalizer maintains the Klark-Teknik high performance record where the sound contractor needs to increase overall sound levels in a particular installation.

DN301	PAS Price \$ _____	List \$1295.00
-------	--------------------	---------------------



PHONIC PEQ SERIES

Introducing three beautifully-engineered, high quality, professional Graphic Equalizers for stage or studio. From simple feedback control, to complex room equalization, to creative recording effects, precise tonal control over the entire audio spectrum has never been easier or more affordable. All three of these units include thoughtful features which audio pros all over the world have come to expect. One of them will be exactly right for you. Call for configurations.

PEQ-3300	PAS Price \$ _____	List \$279.00
PEQ-3400	PAS Price \$ _____	List \$299.00
PEQ-3600	PAS Price \$ _____	List \$449.00



ROLLS REQ131

The Rolls REq131 is a professional 1/3 octave graphic EQ with smooth bass filtering, and distortion free transparent low noise circuitry. The LED bargraph makes signal level setting easy and accurate, and adjustable high and low shelving filters offer exceptional capabilities.

REQ131	PAS Price \$ _____	List \$250.00
REQ215	PAS Price \$ _____	List \$250.00



RANE MPE SERIES

The MPEs represent the very best in the marriage of digital and analog signal processing technology. Start with Rane's proven equalizer performance. Put it under the powerful control of a 16-bit, 16MHz microcontroller. Program the microcontroller to provide full MIDI implementation, including SYSEX. Add it all together and you get an unbeatable programmable equalizer. With the flexibility to allow intuitive manual control, full remote program editing and real time adjustment, as well as two levels of access security... plus pristine audio.

MPE 14	PAS Price \$ _____	List \$799.00
MPE 28	PAS Price \$ _____	List \$749.00



RANE ME SERIES

The Rane ME Series MicroGraphic Equalizers consists of two models, the ME 15, a two channel, 2/3 octave design, and the ME 30, a one channel, 1/3 octave version. Housed in a single rack-space unit, they feature a range switch for high slider resolution in the 6dB mode. The 12dB mode provides a wide range of control over system audio.

ME 15	PAS Price \$ _____	List \$399.00
ME30	PAS Price \$ _____	List \$389.00



RANE ME 60

The Rane ME 60 Stereo micrographic Equalizer is a two channel, 1/3-octave design, housed in a two rack-space unit. The ME 60 evolved by combining two ME 30s in one unit and then embellishing both. Two adjustable band limiting filters add to each channel's versatility. As well as the increased flexibility gained from the additional input and output connectors. These extra features nicely complement the proven ME 30 design.

ME 60	PAS Price \$ _____	List \$669.00
-------	--------------------	--------------------



RANE RE 27

The Rane Model RE 27 Realtime Equalizer is a single channel, one-third octave equalizer and a single channel one-third octave realtime analyzer. Housed in a two rack space unit, the RE 27 features long throw, high resolution slide controls on each filter band ensuring good resolution over its boost/cut range of +12dB to -15dB. The built-in realtime analyzer provides a visual indication of the amplitude characteristics of each one-third octave band and is designed to be used to flatten the response of a sound system with great ease. A flat-response microphone and pink noise generator are included to make the task as simple as possible.

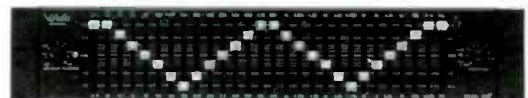
RE 27	PAS Price \$ _____	List \$849.00
-------	--------------------	--------------------



RANE GE 14 & 27

The Rane model GE 27 Constant-Q graphic equalizer is a single-channel, one-third octave equalizer. Housed in a two rack space unit, the GE 27 features long throw, high resolution slide controls on each filter band ensuring good resolution.

GE-14 Stereo 2/3 octave	PAS Price \$ _____	List \$569.00
GE-27 Stereo 1/3 octave	PAS Price \$ _____	List \$539.00



WHITE 4650

White's 4650 is a 1/3 Octave, active graphic equalizer w/28 bands of ISO centers. Controls are 60mm sliders with high-pass and low-pass filters at 16Hz and 35kHz.

4650	PAS Price \$ _____	List \$789.00
------	--------------------	--------------------



YAMAHA GQ1031BII

This versatile graphic equalizer has many applications like eliminating feedback in sound reinforcement, sound shaping, acoustic control to minimize stage rumble or wind noise, and permits creation of virtually any desirable acoustic response.

GQ1031BII	PAS Price \$ _____	List \$379.00
-----------	--------------------	--------------------

**Call PAS for
Package Discounts.**



ASHLEY PQ16/26

Tunable low & high frequency shelving filters, center frequencies tunable over a 5.6 octave range, adjustable bandwidth from 3 1/3 to 1/20th of an octave overlapping frequencies. 4 band parametric w/2 shelving filters.

PQ16 - Single Channel PAS Price \$ _____ List \$369.00
 PQ26 - Dual Channel PAS Price \$ _____ List \$599.00



RANE PE17

Aimed at all critical applications, including digital audio recording studios, the PE 17 stands alone as the parametric of choice for sound professionals. Special design techniques and components used in the design of the PE 17 guarantees residual noise levels below digital recording equipment. This makes the PE 17 ideally suited for all critical digital audio studio, sound reinforcement and broadcast applications.

PE 17 PAS Price \$ _____ List \$499.00



RANE PE 15

The Rane Model PE 15 Parametric Equalizer is a single channel 5-band device of incredible versatility. It incorporates all the required features of a parametric equalizer and full-function notch filter set. Each of the five filters in the PE 15 cover a center frequency range of four octaves, a bandwidth of .03 octaves to 1.5 octaves, and a boost/cut range of +15dB to -20dB. Band one and five switch to allow peaking or shelving characteristics.

PE 15 PAS Price \$ _____ List \$399.00



SYMETRIX SX201

The SX201 EQ/Preamp provides studio-quality equalization for line level balanced or unbalanced signals, as well as for low level unbalanced signals. Three fully parametric bands of equalization are provided, with +15dB boost and -30dB cut capability, allowing the SX201 to be used for both creative and corrective equalization. Overlapping frequency controls cover the entire audio range, from 16 Hz to 20 kHz.

Bandwidth is continuously variable from .05 octaves (for deep notch filtering), to 3.3 octaves (for smooth tone shaping).

201 PAS Price \$ _____ List \$279.00
 Rack Kit PAS Price \$ _____ List \$39.00



APHEX TYPE "C" W/BIG BOTTOM MODEL 104

The exciter section uses the same psychoacoustic principals of the Type III in a new circuit that's virtually noise-free. BIG BOTTOM is the revolutionary Bass Enhancer that dramatically increases bass presence, density & loudness without vastly increasing peak amplitude or generating sub-harmonics.

104 PAS Price \$ _____ List \$349.00



APHEX 250 AURAL EXCITER TYPE III

The Apex Aural Exciter is a patented audio process that restores missing harmonies. This single-ended processor can be installed anywhere in the audio chain. Dual channel, balanced operation.

250 PAS Price \$ _____ List \$995.00



BBE SONIC MAXIMIZER

The BBE system compensates for Phase & Amplitude distortions & in effect delivers the signal in a form which allows more accurate reproduction of the original signal.

862 - Balanced PAS Price \$ _____ List \$599.00
 462 - Unbalanced PAS Price \$ _____ List \$462.00



SYMETRIX 421 AGC - LEVELER

The 421 works like a phantom hand on the fader, boosting low levels, compressing high levels. The 421's proprietary ARM circuit distinguishes noise & feedback from usable audio signals, so noise won't get "Pumped-up".

421 PAS Price \$ _____ List \$549.00



SYMETRIX 571

This is an automatic level controller that maximizes intelligibility by changing gain in proportion to environmental noise level changes. In essence, controlling the volume of the sound system by measuring the volume of the ambient noise and then adjusting the system gain accordingly. The operating characteristics of the SPL computer are controlled by a powerful microprocessor. No test gear is needed because it obtains and stores the information it needs during calibration. The 571 has separate inputs for paging and music as well as dual microphone inputs for the sensing microphones and a direct paging microphone input. A front panel page over music function enables up to 14 dB of music attenuation during announcements. The LED meter on the front not only indicates gain change but also aids in set-up and calibration.

571 SPL PAS Price \$ _____ List \$849.00



APHEX 107

The Model 107 combines "Vacuum Tube" technology with the latest Solid-State circuit design, yielding the best of both worlds. This device has performance specifications and sonic qualities that make it compatible with virtually any microphone, irrespective of type or cost. Its outstanding sound quality will be immediately evident when used with either dynamic, electret condenser or even the absolute finest state-of-the-art microphones.

107 PAS Price \$ _____ List \$595.00



CRL IPP-100

18 memories, easy to use "Analog" controls, quick recalling of presets, mic or line input, phase processor, two band parametric EQ, two band compressor with gain reduction gating, send & return for reverb etc. & automatic bypass if power is lost.

IPP-100 PAS Price \$ _____ List ... \$1750.00
 IPP-100R - Remote PAS Price \$ _____ List \$395.00



DBX 263X

The 263X De-esser reduces excessive sibilance and other high frequency transients from sounds like a vocal "s" or "t" or a cymbal crash. Excessive sibilance can overload tape, drive amps into distortion, and blow horn compression drivers and fatigue listeners very quickly.

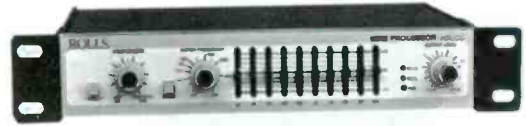
263X PAS Price \$ _____ List \$169.00



ORBAN 787A

In one compact unit, the 787A combines all the functions you need to precisely define the sound of DJs, announcers, narrators, or singers. When you've got the sound you want, the unit stores the control settings so you can recreate exactly the same sound again. The 787A will store up to 99 complete setups, eliminating the laborious tweaking of an array of non-integrated processing units before each airshift, recording session, or live event.

787A PAS Price \$ _____ List ... \$1450.00



ROLLS HR11C

Big sound for small budgets!! The HR11C combines a clean Mic Pre, compressor/limiter, notch filter & 10 band graphic EQ in a small package.

HR11C PAS Price \$ _____ List \$225.00



SYMETRIX 528E

The most popular mic processor we sell. Puts 5 features in one rack space. High quality mic pre, compressor/limiter, 3 band parametric EQ, De-esser & downward expander. Dial up a big sound today!

528E PAS Price \$ _____ List \$699.00



SYMETRIX 601

MIC, LINE, AES/EBU & S/PDIF inputs. WOW! Unbelievable control of audio parameters. Comes pre-programmed with factory presets - or tailor your own sound. Processing includes EQ (Parametric, shelving & notch filtering) noise reduction, gating expansion, compression, AGC, De-essing, stereosynthesis & delay. The next generation of audio signal processing.

601 PAS Price \$ _____ List ... \$1995.00
 602 Stereo Line Level PAS Price \$ _____ List ... \$1995.00



VALLEY 401

Easy to use mic processor, contains Mic Pre, 3 band EQ, Compressor, Gate & De-esser all in a convenient one rack space package.

401 PAS Price \$ _____ List \$799.00

**See Page 57
 for On-Air
 Microphones.**



ASHLY CROSSOVERS

Ashly's 24dB per octave electronic crossovers feature a variable filter response control which allows you to "tune in" the response best suited for your particular need.

XR1001 Stereo 2-way	PAS Price \$ _____	List \$369.00
XR2001 Stereo 3-way	PAS Price \$ _____	List \$549.00
XR4001 Stereo 4-way	PAS Price \$ _____	List \$659.00



DOD 834

The DOD 834 provides precise frequency splitting with 3 bands in stereo mode or 4 in mono. Stereo mono operation is switch selectable. The unit provides 18dB/octave state-variable filters, and has a switchable, 40 Hz high-pass filter for speaker system protection.

834 Stereo 3-way	PAS Price \$ _____	List \$279.00
835 Stereo 2-way	PAS Price \$ _____	List \$209.00



RANE AC SERIES

Linkwitz-Riley Active crossovers, 24 db/octave slope. State-variable filters, sub & ultrasonic filters, RFI filters. Individual band muting.

AC22 - Stereo 2-way		
Mono 3-way	PAS Price \$ _____	List \$399.00
AC23 - Stereo 3-way		
Mono 5-way	PAS Price \$ _____	List \$499.00
AC23B- Balanced Version	PAS Price \$ _____	List \$529.00



SYMETRIX 524E

Multi-mode crossover, key parameters are set via user changeable processor cards. Pinpoint driver phase alignment, mono 2/3 or 4-way, Stereo 2-way, tamperproof, individual band peak limiters, constant directivity HF Horn EQ.

524E	PAS Price \$ _____	List ... \$1095.00
------	--------------------	--------------------



VARICURVE FCS-926

This is an advanced system of parametric EQ processing and control elements which can be tailored to suit any audio environment. From a single stereo 6-band unit up to 32 channels of programmable equalization, each processing element can be individually controlled via MIDI, PA-422, SMPTE, or radio remote control.

FCS-926	PAS Price \$ _____	List ... \$3195.00
---------	--------------------	--------------------



ART PD3 DELAY

The PD3 is a 3 output digital delay system designed primarily for fixed sound installations. Each output programmable in precise 1 millisecond increments to a max of 255 milliseconds. Balanced ins & outs.

PD3	PAS Price \$ _____	List \$769.00
PD3-1000 1 Second max	PAS Price \$ _____	List \$869.00



SABINE FBX901

This DSP filtering device will automatically seek & destroy feedback. A very handy little tool for when a microphone & a loudspeaker get together.

FBX901	PAS Price \$ _____	List \$650.00
FBX1802 Stereo	PAS Price \$ _____	List \$1300.00



SYMETRIX 402

A 64 times oversampling 19 bit D/A converter feeds the signal through a 20 bit digital delay line. The two delayed outputs return through 18 bit D/A converters for total system dynamic range exceeding 100dB.

402	PAS Price \$ _____	List \$695.00
-----	--------------------	--------------------

**Call PAS for
the latest in
Digital P.A.
Processing.**



ART FXR

The FXR is the first low cost processor to offer two discrete channels of stereo audio. You can actually process two separate audio sources. All the settings are preprogrammed for you. All you do is select the bank and turn the dial.

FXR PAS Price \$ _____ List \$249.00



ART FXR ELITE

The FXR Elite gives you all of the same great sounds and features of the FXR, and it also provides the ability to vary parameters. The FXR Elite allows you to modify a preset to your liking and then store the new setting.

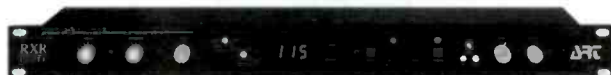
FXR Elite PAS Price \$ _____ List \$329.00



ART DXR ELITE

The DXR series of processors are dedicated digital delay processors offering all types of delays, chorusing, and flanging. Featuring 16 bit processing, the DXRs are a necessity to any recording, club or rehearsal P.A., or fixed installation. The A.R.T. DXRs offer a tremendous price performance advantage because they are two separate delay processors in one package.

Art DXR Elite PAS Price \$ _____ List \$349.00
 DXR PAS Price \$ _____ List \$279.00



ART RXR ELITE

The RXR Elite sounds as good as it does because everything about the product is designed to create one effect: reverb. The total power of our new ASIC is concentrated on one function. This also adds flexibility for programming. The RXR Elite is fully programmable. The Dual banks incorporate independent reverb processors for each input channel. The presets are all user definable and are arranged in 8 banks with 16 presets in each bank.

RXR Elite PAS Price \$ _____ List \$349.00



DIGITECH DSP-16

The DSP16 is a stereo effects processor designed for studio applications. The unit contains 128 MIDI changeable programs utilizing 16 different decay and delay times. A three-band EQ is included for tailoring the sound. Input levels allow precision adjustment of the signal flow and mix.

DSP-16 PAS Price \$ _____ List \$299.00



DIGITECH DHP33

The DigitTech DHP33 features an intelligent two-part, three-voice instrument pitch shifter, which easily provides musicians with the ability to program complex harmonies. Even musicians that play by ear will benefit from the creative possibilities of DigiTech's intelligent harmony.

DHP33 PAS Price \$ _____ List \$699.00



DIGITECH TSR-24S

The DigiTech TSR-24S digital reverb and multi-effects processor is based on a new proprietary digital platform featuring fourth-generation S-DISC™ technology and totally open architecture. The TSR-24S allows you to program your own algorithms by stacking effects modules in any order that you choose.

TSR-24S PAS Price \$ _____ List \$799.00



DIGITECH STUDIO VOCALIST

DigiTech proudly introduces the Studio Vocalist – a studio processor designed for demanding professionals. DigiTech processors are the only processors that intelligently maintain the natural quality of the human voice when shifting it — even over large distances.

Studio Vocalist PAS Price \$ _____ List \$999.00



EVENTIDE H3000B

Eventide has upgraded the H3000B Ultra-Harmonizer® brand effects processor at no increase in price. Now, the H3000B PLUS includes the unique dynamic effects of our Mod Factory algorithms, as well as the superior quality, six octave Multi-Shift pitch shift algorithm.

H3000B+ PAS Price \$ _____ List .. \$2995.00
 H3000B/LT PAS Price \$ _____ List .. \$2495.00



EVENTIDE H3500 DFX

At first the Eventide H3500 Ultra-Harmonizer® was revolutionary. Now, it's better than ever. We've added almost 200 brand new musical instrument and effects presets. Also new in the H3500 are incredible 3D speaker-based spatial imaging programs from Empirical Labs. These 3D spatial effects go way beyond other processors by actually creating desired effects in psychoacoustic space, not just by adding a third dimension to already processed sounds.

H3500DFX w/22 sec sampling PAS Price \$ _____ List .. \$3495.00
 H3500DFX w/95 sec sampling PAS Price \$ _____ List .. \$4495.00



EVENTIDE H3000-D/SE

The new H3000-D/SE Ultra Harmonizer® includes every feature and function of the H3000SE, plus some very exciting additions. All at a price that's actually lower than the previous model. With everything it's got, the H3000-D/SE is sure to continue the Eventide UltraHarmonizer® brand tradition as the essential audio processing and effects tool..

H3000-D/SE PAS Price \$ _____ List .. \$2495.00



H3000-D/SX

Fortunately, the new H3000-D/SX is an affordable necessity. This amazing unit brings all the H3000 magic to a new lower price level. Yet there are no compromises; the H3000-D/SX Studio Dynamic Ultra-Harmonizer processor gives you exactly the same no-compromise design and effects quality that has shaped the sound of so many hitmakers and professional recording studios. The H3000 D/SX starts with the programs and presets from the "musicians standard" H3000S, including the legendary Steve Vai presets. And then it goes further, with a selection of terrific new features. It all adds up to one incredible value.

H3000-D/SX PAS Price \$ _____ List ...\$1995.00



LEXICON ALEX DIGITAL EFFECTS PROCESSOR

Lexicons legendary digital reverb and effects processing in a remarkably affordable new package. Its is a full rack device with 2 character LCD display, and full remote control of program change and bypass via standard footswitches. Alex has 16 presets, 3 adjustable parameters (with over 4,000 effect combinations), plus another 16 user registers.

Lexicon Alex PAS Price \$ _____ List \$399.00



LEXICON LXP-15

Lexicon designed the LXP-15 from the start to be extremely easy to operate, and we didn't sacrifice performance or breadth of effects to do it. The LXP-15 delivers both an intelligent interface and extraordinary versatility. The LXP-15 is a digital multi-effect processor that combines Dynamic MIDI effect's - automation and remote control, spectacular effects, an excellent user interface, and the legendary Lexicon Sound. It's the premier member of Lexicon's LXP Series.

LXP-15 PAS Price \$ _____ List ... \$1649.00



LEXICON VORTEX

Vortex is simply the most radical piece of digital signal processing gear you've ever heard. It is a true stereo effects processor that produces a wide range of simultaneous effects, including modulation, spatialization, unique tap-tempo echoes and looping. All of the effects can be controlled by a variety of sources, such as quadrature LFO's, envelope follower, or a footpedal.

Vortex PAS Price \$ _____ List \$479.00



LEXICON JAMMAN

Once in a while, a product comes along that does more than provide a few canned effects. Lexicon's JamMan is one such product - unique because it gives you powerful tools to actually create music. JamMan is actually three unique effects boxes: a tap-tempo echo, a sampler, and a looping device.

JamMan PAS Price \$ _____ List \$459.00



SONY DPS-D7

The DPS-D7 features comprehensive control over two channels of digital audio delay processing, each including a 3-band digital equalizer and auto panpot. With a flat frequency response characteristic from 10Hz to 22,000Hz and delay time adjustable in 20.83µs steps, the highly intelligent one-chip effect circuitry provides multiple effects processing.

DPS-D7 PAS Price \$ _____ List ... \$1230.00



SONY DPS-M7

This unit provides a variety of unique digital modulation effects ideally suited for any musical instrument and audio source. Meeting with professional customers' requirement for superb sound quality and comprehensive control, the DPS-M7 combines versatile modulation effects for more sophisticated special effects creation with simple operation. Newly developed algorithms provide chorus, phaser pitch shifter, flanger and other unique effects.

DPS-M7 PAS Price \$ _____ List ... \$1670.00



SONY DPS-F7

The DPS-F7 offers ten types of algorithms effect programs suited to all stages of sound creation, from fading, parametric equalizers, to channel vocoder, as well as percussion synthesizer, and monophonic synthesizer. Using 32-bit high-speed signal processing and algorithm oversampling processing, the DPS-F7 provides sophisticated effect programs that would be difficult to implement without digital processing and which offer precise and accurate parameter control and a powerful and warm sound quality.

SONY DPS-F7 PAS Price \$ _____ List ... \$1785.00



SONY DPS-R7

The DPS-R7, a 2-channel digital reverberator. Extensive use of the latest devices, such as the Digital Presence Synthesizer II LSI and a high density linear converter system, allows high speed effects processing with superb sound quality. Various algorithms included in the effects processing blocks offer versatile reverb effects. The DPS-R7 is the ideal choice of digital reverberator for all professional audio installations.

DPS-R7 PAS Price \$ _____ List ... \$1445.00



YAMAHA SPX990

Yamaha's SPX990 Professional Multi effect Processor offers unprecedented signal-processing quality and control. 20-bit A/D and D/A conversion ensure professional-quality sound, while a versatile three-stage effect configuration makes it easy to achieve a "polished" sound. It also features a true stereo (2-in/2-out) configuration that is ideal for processing stereo sources. The SPX990 has 80 preset effect programs that are ready to use, or you can edit the presets and store the results in any of 100 internal memory locations. The SPX990 also accepts external memory cards that can store up to 100 effect programs each. A range of new effects makes the SPX990 more expressive than ever: totally natural reverb, various pitch change effects, tempo-based delays, and much, much more.

SPX990 PAS Price \$ _____ List ... \$1149.00



YAMAHA SPX1000

Totally natural reverberation. An echo room in which you can instantly change any room dimensions. Fully programmable early reflections. A full range of modulation effects. Freeze programs that let you replay sound snap shots. Multi-effect programs that combine up to 5 different fully programmable effects. Pitch change, compression, expansion, distortion, rotary panning and much, much more. In one box you'll find a complete range of high-quality effects that are fully programmable and extraordinarily versatile.

SPX1000 PAS Price \$ _____ List ... \$1799.00



YAMAHA REV-5

A professional quality digital stereo reverb effects unit with increased sampling and delay time, extensive preset program selections, expanded control over effect parameters, programmable digital 3-band parametric EQ, and a master 3-band parametric EQ system.

REV-5 PAS Price \$ _____ List .. \$2099.00



APHEX DIGICODER

PPDM Stereo Generator, true real time throughput, exceeds 18 bit digital performance, zero overshoot Lowpass filter, selectable Pre-Emphasis. World-class analog audio with digital stability, lab calibration standard accuracy, no internal calibration for life. Two independent adjustable transmitter feeds, greater than 65dB separation to 15kHz, full remote capability.

DIGICODER PAS Price \$ _____ List .. \$3995.00



CRL FM STEREO SYSTEMS

CRL has incorporated the latest advances in FM broadcast processing technology to produce a new line of "Digital Friendly" stereo processing systems which makes them even more feature packed and competitive. CRL FM systems consist of devices that provide input STEREO GAIN CONTROL, MULTIBAND COMPRESSION & final PEAK LIMITING & can be configured to obtain the desired audio control & budget requirements of any broadcast facility. When used together, these units can provide complete audio control to maximize modulation of source material while either maintaining its original tonal clarity & integrity or to automatically balance it for maximum ON AIR consistency and loudness.

Call for price.



CRL AUDIO SIGNATURE

The Audio Signature is the most advanced audio processor that CRL has ever offered. Unmatched in user friendliness and programmable power, it is ideal for FM, AM stereo, TV and production applications. Combining the power of digital with the best of analog, the Audio Signature is the key to your audio's distinction.

SIGNATURE PAS Price \$ _____ List .. \$4995.00



CRL AMIGO

CRL's cost effective stand alone FM processor includes a digitally synthesized stereo generator, multi-band limiter & a dual band AGC. Easy & fast to set up, a minimum of adjustments.

AMIGO PAS Price \$ _____ List ... \$3195.00



GENTNER LAZER

Lazer is the cleanest sounding FM Limiter/Stereo Generator available. Lazer handles audio purely in the digital domain. Because of this, Lazer provides excellent aural specifications including maximum stereo separation, precise limiting & virtually no noise. The result: your audio retains its true sound. Total digital manipulation allows for consistent, precise audio. You receive pure stereo separation and exact limiting. Lazer's 3 band processing is phase linear for maximum transparency. Furthermore, once you've set your parameters, they stay set. Tweaking isn't necessary. You can walk away from Lazer and feel confident that your adjustments will never drift.

LAZER PAS Price \$ _____ List .. \$6299.00



GENTNER AUDIO PRISM II FM

Audio Prism IIFM delivers world class modulation punch, better than or equal to anything else in the world, but without the grunge factors that can drive listeners away. The secret is digital control, which allows you to have the noise reduction and stereo enhance functions as standard equipment. Set up takes only minutes and its digital design is inherently stable. Once in place, you can take it for granted.

PRISM II FM PAS Price \$ _____ List ... \$1779.00



INOVONICS MODEL 706

Inovonics introduces a "second generation" FM Stereo Generator incorporating the FMX Transmission System as an easily-installed plug-in operation. Digital synthesis of composite signal, front-panel metering of internal levels, built-in combining for up to 3 SCA or RDS inputs, internal Composite processor. Interfaces with many audio processing systems.

706 PAS Price \$ _____ List ... \$3120.00



OPTIMOD-FM 8200

The OPTIMOD-FM 8200 Digital Audio Processor provides complete audio processing and transmitter protection for FM broadcast. The 8200 interfaces with all commonly found transmitters and studio-to-transmitter lines, and is designed to grow with the future advances in digital FM technology. This is a true digital audio processor—the audio is digitized and all control functions are digital. In addition to a better sound, digital makes this unit more user-friendly, more programmable and more flexible. The switching feature changes the processing on a programmed schedule, a function ideal for dayparting or for stations with multiple formats. Call for options.

8200/U3S PAS Price \$ _____ List .. \$10400.00



OPTIMOD-FM 8100A/I

Experience has shown that stations with this unit stand out with a strong, solid, high-quality signal that attracts and holds listeners. It's an open and natural sound, with a uniquely favorable combination of loudness, impact, clarity and brightness. The 8100 combines level control, peak control and stereo generation functions into an integrated audio processing system for FM broadcast. It lets you adjust your station's sound to suit your format and competitive situation, and it precisely controls peak levels to guarantee maximum loudness without over-modulation. It can also be adjusted to provide automatic bass equalization—increasing bass on thin-sounding source material and decreasing it with heavy bass material. OPTIMOD-FM's built-in stereo generator, pre-emphasis and filtering are handled before the peak control to prevent loss of loudness, and to eliminate modulation-robbing overshoots caused by outboard stereo generators.

8100A/I U75 PAS Price \$ _____ List .. \$5950.00



OPTIMOD XT2

You may want an even louder or more processed sound than is possible with the OPTIMOD-FM alone. The XT2 adds six-band limiting and multi-band distortion-cancelled clipping to the OPTIMOD-FM, and provides separate control over compression, density, bass warmth, punch, presence, brilliance and clipping. It will make your station notably louder and brighter—yet with a sound that is still open and musical. The bass will have more punch, more impact. The mid-range will have a dramatic sense of presence. The highs will be in perfect balance with the mid-range and bass; always present but never shrill or strident. Call for options.

8100 AXT2 PAS Price \$ _____ List .. \$2590.00



QEI 710 DIGITAL STEREO GENERATOR

A digital stereo generator from one of the industries most respected manufacturers of RF product. Balanced & unbalanced analog and digital inputs allow the 710 to work comfortably in today's analog world, and the digital DSP chain of tomorrow.

710 PAS Price \$ _____ List .. \$2295.00



QEI 772F

The QEI Model 772F Stereo Generator is an all solid state unit designed to meet or exceed the FCC requirements for stereo multiplex FM transmission. The generator is manufactured in a standard 3 1/2" x 19" rack mount and is completely self-contained with its own power supply. The composite signal is generated using the time division technique thereby reducing the complexity of the circuit and the number of adjustments.

772F PAS Price \$ _____ List ... \$1795.00



MODULATION SCIENCES - STEREO MAXX

StereoMaxx makes your station sound BIGGER, not just louder. Almost all air chain processors work to increase loudness. StereoMaxx is different. It enhances and enlarges your station's image. The stereo image becomes wider and deeper - actually extending beyond the speakers.

STEREOMAXX PAS Price \$ _____ List .. \$2889.00



MODULATION SCIENCES CP-803

The composite processor CP-803 improves the sound of your FM station by eliminating peaks of overmodulation. The CP-803 eliminates electrical overshoots that exist in all audio limiters & stereo generators. It also controls high frequency peaks that are present in all program material.

CP-803 PAS Price \$ _____ List ... \$1495.00

**See Pages 81-83 for
Compressor / Limiters.**



CRL SCA-300B SUBCARRIER GENERATOR

The SCA-300B is digitally synthesized, frequency locked Subcarrier Generation, its integral two-band audio limiter increases intelligibility of Voice or Music & has full remote control capability. The user can program different subcarrier frequencies & deviation levels. It also has superior crosstalk protection, direct modulator inputs via RS-232 or BNC connectors & a rugged 1-3/4" Rack-mount chassis with integral RFI protection.

CRL SCA-300B PAS Price \$ _____ List .. \$2050.00



CRL SC-100

Move your station into the future! The SC-100 is diverse yet simple to operate. Its flexibility will continue to grow as new ideas for its use grow. Watch as your profits soar as the SC-100 brings in new sources of revenue you've never dreamed of before. The SC-100 is your move to the future. Here are its features: Supports full RBDS specification, 100% DSP subcarrier technology, easy-to-use menu system, stand alone or remote PC operation & remote terminal RS232/Modem interface.

CRL SC-100 PAS Price \$ _____ List .. \$3395.00



MARTI SCG-10

The Marti model SCG-10 Subcarrier Generator is designed to operate in SCA service with an FM broadcast transmitter or with a model SCD-10 Subcarrier Demodulator, to form a subcarrier line on an STL system. The SCG-10 has several options available which allow it to perform a wide range of functions in broadcasting & communications.

SCG-10 Generator PAS Price \$ _____ List \$725.00

CCD-10 Demodulator PAS Price \$ _____ List \$725.00



MODULATION SCIENCES SIDEKICK

Sidekick combines the four elements needed for successful SCA operation into one package: subcarrier generator, modulation monitor, audio processor & 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 & operation is greatly simplified.

SIDEKICK PAS Price \$ _____ List .. \$3835.00

SIDEKICK PAS Price \$ _____ List .. \$3835.00

DATA SIDEKICK PAS Price \$ _____ List .. \$5040.00



CRL AM-4S STEREO PROCESSING SYSTEM

CRL has incorporated the latest advances in AM broadcast processing technology into its new line of AM stereo processing systems to make them more flexible & even better. The CRL AM systems consist of input STEREO GAIN CONTROL, MULTIBAND COMPRESSION and final PEAK LIMITING devices which may be configured to obtain the desired audio control & meet budget requirements of the broadcast facility. When used together, these units provide complete audio control to maximize modulation while maintaining tonal clarity & integrity of the original source material.

SGC-800 PAS Price \$ _____ List .. \$2250.00

SEC-800 PAS Price \$ _____ List .. \$2350.00

SMP-950A PAS Price \$ _____ List .. \$2656.00



CRL AM

CRL has incorporated the latest advances in AM broadcast technology to make the NEW AM systems more flexible and even better. The CRL AM systems consist of input AUDIO GAIN CONTROL, MULTIBAND COMPRESSION & final PEAK LIMITING devices, which may be configured to obtain the desired audio control and meet budget requirements of the broadcast facility. When used together these units provide complete audio control to maximize modulation while maintaining tonal clarity & integrity of the original source material.

AGC-400 PAS Price \$ _____ List ... \$1650.00

PMC-450 PAS Price \$ _____ List ... \$2150.00

SEC-400 PAS Price \$ _____ List ... \$1850.00

PAS offers Package Discounts.

FOR THE LOWEST PRICES AND BEST SERVICE, CALL US FIRST
817-483-7474 • FAX: 817-483-9952 • Order Desk: 1-800-433-7668



CRL MBL-100

The MBL-100 is designed to increase loudness & coverage area of AM monoaural news/talk/sports formats. By combining powerful audio processing topology & 7.5 kHz audio low-pass filtering, this multi-band limiter provides very high levels of average modulation density. This results in increased coverage area & better reception of program material in noisy or interference prone environments.

MBL-100 PAS Price \$ _____ List .. \$3895.00



CRL AMIGO AM

A complete audio processing system for CQUAM AM Stereo. It features quality stereo for your listeners, maintains Mono loudness & coverage, a complete Matrix Processing System, is easy to install & operate and is NRSC compliant.

CRL Amigo AM PAS Price \$ _____ List ... \$3195.00



GENTNER AUDIO PRISM II AM

The Prism II AM packs a heavy-duty signal in one small package. For AM, you just can't buy more processing power for less money. Comparing in performance & features with units costing far more, the Prism II AM is a standout. The Prism II AM utilizes the famous Prism II FM processing structure found in hundred's of FM radio & television stations. It includes four band processing, two band limiting, variable asymmetry, built-in voice phase rotators for consistent maximum modulation, & density control to precisely adjust the amount of processing you need for your station's format.

PRISM II AM PAS Price \$ _____ List ... \$1989.00



INOVONICS 222-00

Inovonics' 222 is an audio processor specifically intended for AM broadcasting. It incorporates an "adaptive" preemphasis characteristic to enhance signal intelligibility & "presence," & a sharp-cutoff low-pass function to eliminate adjacent channel interference.

222-00 PAS Price \$ _____ List \$820.00



OPTIMOD-AM

OPTIMOD-AM dramatically improves AM station fidelity and increases your loudness. Your station will have a consistent sound that maintains smoothly uniform tonal balance and texture from source to source. And your voice quality will overpower old-technology based competitors. OPTIMOD-AM's ideal balance between loudness, brightness and distortion will attract and hold your audience. When interference is high, OPTIMOD-AM will help your station be more "listenable." The 9100B is a complete audio processing system for broadcast—mono or stereo—LW or MW. It provides you with automatic gain control to ride levels, high frequency boost that compensates for the roll-off in receivers (giving you a brighter sound). A six-band limiter with distortion-cancelling clipper for a very loud and clean sound and switchable low-pass filters (RSC- or CCIR EBU-standard). It also provides compensation for the LF tilt and HF overshoot that cause over-modulation in less-than-perfect transmitters and antennas. The result is noticeable more loudness. The 9100B is available in mono or stereo for C-QUAM and Kahn, and mono units are easily field-upgraded to stereo.

9100 B1 Mono PAS Price \$ _____ List .. \$4550.00
 9100 B2 Stereo PAS Price \$ _____ List .. \$6350.00

**See Pages 81-83 for
Compressor / Limiters.**



BELAR WIZARD

The world leader in RF test & measurement systems, BELAR, brings you a new generation in FM modulation measurement. The Wizard features include: Menu driven 16 character alphanumeric display; Deviation in 0.1 percent or 1 percent increments; Deviation in kHz -0.1 or 1 kHz increments; Up to 0.1% accuracy function of demodulator calibration. Self calibration to external calibrating signal; pre-set peak mod-adjustable in 0.5% increments; pre-set PPM-adjustable from 0 to 100 PPM; one rack height panel space, including precision demodulator.

FMMA1 PAS Price \$ _____ List .. \$3300.00



BELAR RFA4

The RFA4 is a frequency agile RF amplifier that allows you to monitor any FM frequency. Includes 10 pre-sets in a one rack space package.

RFA4 PAS Price \$ _____ List ... \$1190.00



BELAR FMM-2

The Belar FMM-2 Modulation monitor is a precision wideband, all solid state FM monitor, designed to measure the total modulation characteristics of monoaural as well as multiplexed FM transmitters. It is also used as a low distortion and low noise FM demodulator to drive the companion stereo & SCA monitors, as well as providing audio outputs for aural monitoring & proof of performance measurements.

FMM-2 PAS Price \$ _____ List ... \$1790.00



BELAR FMS-2

The BELAR FMS-2 Stereo modulation monitor is an all solid state precision stereo monitor designed to operate in conjunction with the Belar model FMM-2 baseband modulation monitor. The FMS-2 is also used for test functions in conjunction with the model FMM-2 to ensure the proper performance of FM stereo transmitters.

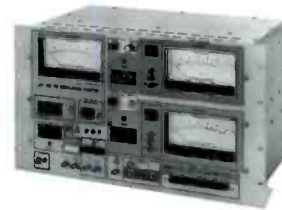
FMS-2 PAS Price \$ _____ List .. \$2050.00



MODULATION SCIENCES MODMINDER

ModMinder is an innovative, highly accurate digital device for measuring, displaying & analyzing peak FM deviation. It processes modulation information digitally using an 80C88 microprocessor. ModMinder can work with any wide band demodulator, such as the one in your existing modulation monitor, a high-quality FM tuner or MSI's internal RF demodulator card. ModMinder provides a comprehensive, easy-to-use front panel display of modulation information, as well as extensive remote control & data transfer capabilities.

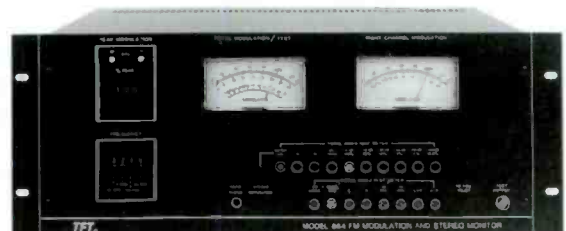
MODMINDER PAS Price \$ _____ List .. \$2395.00



QEI 691

The 691 FM Monitor/Test Set is a high technology, precision instrument employing a combination of new techniques in single, highly versatile, but very compact package. It was designed to be a complete FM test package with facilities for all proof-of-performance measurements & a wide range of trouble-shooting tests. Operator convenience & simplicity of use were primary considerations in the design of the 691. Component selection & device ratings are such as to enhance the instruments reliability even with advance handling.

QEI 691 PAS Price \$ _____ List .. \$5875.00



TFT 884

The TFT Model 884 FM Stereo Monitoring Monitor is a cost effective alternative to TFT's popular Model 844. The 884 allows you to maximize your coverage with maximum modulation levels while maintaining the highest signal quality. It can be used for transmitter proof of performance measurements, or at the studio for off-air monitoring. The frequency synthesized pre selector can be used to select your own station's signal or the signal of another for easy convenient comparison.

TFT884 PAS Price \$ _____ List .. \$3765.00



TFT 844A

To maximize your FM station's market coverage, TFT deigned the model 844A FM Stereo Modulation Monitor to help you reach all of your listeners, especially those in fringe areas, with maximum allowable modulation levels. It can be used for off-air monitoring of modulation level or for direct transmitter Proof-of-performance measurements.

TFT 844A PAS Price \$ _____ List .. \$3765.00



TFT 845

To accommodate today's multi-channel SCA operations, the 845 FM SCA Monitor is designed to handle up to three user-specified FM subcarrier frequencies, selectable from the front panel. Applications include: independent off-air SCA monitoring, SCA Proof-of-performance measurements & checking the specifications of a subcarrier generator.

TFT 845 PAS Price \$ _____ List .. \$2735.00



RADIO DESIGN ACM-2

The ACM-2, an Amplitude Component Monitor is a precise AM noise meter which connects to the RF sample on an FM transmitter or television aural carrier. A digital string display with 20dB of range displays AM noise for precise transmitter tuning. It interfaces with any remote control to sample & then read back a stable indication of AM noise. An adjustable alarm threshold can signal the station operator when AM noise has increased beyond a level you determine will cause reception problems.

ACM-2 PAS Price \$ _____ List \$695.00



BELAR AMM-3

The AMM-3 Modulation Monitor is a precision, all solid state AM demodulator designed to measure AM transmitter modulation characteristics over a frequency range of 200 kHz to 1 MHz.

AMM-3 PAS Price \$ _____ List ... \$1790.00



BELAR AMM-4

The Belar AMM-4 is a digital AM frequency monitor designed especially for automatic broadcast transmitter monitoring. The counter will accurately monitor any frequency from 10 kHz to 50 MHz.

AMM-4 PAS Price \$ _____ List ... \$1390.00

BELAR RFA-2

The Belar RFA-2 AM RF Amplifier, a selective high gain, all solid state unit with automatic gain control & companion to the AM frequency & Modulation Monitors makes it possible to monitor off-the-air AM signals accurately & conveniently without the problems associated with changes in transmitter power level, antenna patterns & signal fading.

RFA-2 PAS Price \$ _____ List \$790.00



TFT 923 AM MONITOR

The TFT 923 AM Modulation Monitor is a precision broadband demodulator which permits extremely accurate proof-of-performance measurements for an AM transmitter and for monitoring the modulation level of an off-air broadcast signal when it is used in conjunction with the optional AM broadcast band RF preselector.

TFT 923 PAS Price \$ _____ List \$1075.00



BURK TECHNOLOGIES TC-8

The TC-8, 8 channel transmitter remote control is ideal for AM or FM facilities with one or two transmitters. It is also an economical choice for ancillary control requirements such as translators, satellite & ENG sites. The TC-8 includes 8 analog metering channels, 8 status channels & 16 control outputs. Some of the many features are one person calibration, flexible studio/transmitter link, telephone access, computer control, simple transmitter connections, antenna monitor interface.

TC 8	2 Unit System	PAS Price \$ _____	List .. \$2495.00
IP8	Interface Panel	PAS Price \$ _____	List \$495.00
CI8	Computer Interface	PAS Price \$ _____	List \$195.00



BURK TECHNOLOGIES ARC-16

Now you have a choice: full time studio control, dial-up telephone control or both. Due to modular design, the ARC-16 offers features never before available in a 16 channel remote control system. 16 channels, studio control, telephone access, alarm reporting, multi-site operation, computer control & many other options are available with the ARC-16.

ARC16SA	Transmitter Unit Only	PAS Price \$ _____	List .. \$2295.00
ARC16	Transmitter & Studio Units	PAS Price \$ _____	List .. \$3895.00
IP8	Interface Panel	PAS Price \$ _____	List \$495.00
ESI	Speech Unit at Studio	PAS Price \$ _____	List \$895.00
CI16	Computer Interface	PAS Price \$ _____	List \$195.00

Call for more options.



GENTNER VRC-2000

The VRC-2000 Remote Control System provides a total solution for controlling your broadcast transmitter from anywhere a telephone line, radio link, data link or bi-directional audio link is available. This unit provides several ways to gain access to your transmitter. For instance, you may access your transmitter from any Touch Tone telephone to communicate with the VRC-2000's synthesized voice. The VRC-2000 will provide full time data & automatic logging capabilities on a terminal or an IBM compatible PC. If there are no telephone lines to your transmitter, you can use a radio line, or any bi-directional audio link.

VRC-2000	PAS Price \$ _____	List .. \$2995.00
Command relay kit	PAS Price \$ _____	List \$679.00
Data interface	PAS Price \$ _____	List \$519.00

Call for more options.



GENTNER SILENCE SENSOR

The Silence Sensor monitors your audio source, observing both rising & falling edges of audio. If it notes a loss of audio or 'silence', an open collector output is activated & the time-out sequence begins. If audio returns before time-out, the unit reverts to a 'ready' state.

Silence Sensor	PAS Price \$ _____	List \$509.00
----------------	--------------------	--------------------

**Call PAS for a
Custom
Remote Control
Package.**



MARTI RPU

Most everyone in broadcasting knows what a "Marti" is. It is the trusted friend that is used on remote pickup broadcasts. The Marti RPU equipment incorporates the best, most practical mix of features requested by broadcasters & implemented in the very latest electronic & manufacturing technology. The most important feature Marti never forgets is simplicity, the feature that enables non-technical personnel to produce professional sounding live remotes. Dual frequency models available for an additional charge.

RPT-30 Transmitter	PAS Price \$ _____	List \$1710.00
RPT-15 Transmitter	PAS Price \$ _____	List ... \$1085.00
RPT-2 Transmitter	PAS Price \$ _____	List ... \$1005.00
CR-10 Receiver	PAS Price \$ _____	List ... \$1310.00

Call for options



QEI QUICK-LINK

The QUICK-LINK remote broadcast transmitter accepts stereo or monoaural audio from any audio mixer. XLR audio connectors make set-up a snap. Two LED bar-graphs display audio level at a glance. The QUICK-LINK transmitter provides two user signals to the receiver to control or flag equipment at the studio. Ten unique coding channels can be selected from the front panel for total remote broadcast security. The QUICK-LINK remote transmitter can be powered by either AC or DC power sources and may be rack mounted with the optional rack mount kit. QUICK-LINK's receiver displays coding, channel in use, and signal lock status. The receiver's channel code may be selected remotely. Audio output & antenna connectors are located on the receivers back panel.

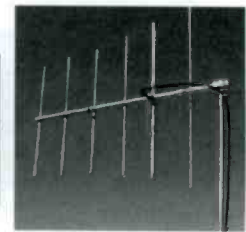
QUICK-LINK	PAS Price \$ _____	List .. \$5495.00
------------	--------------------	-------------------



TFT 8888/8889 RPU SYSTEM

Frequency synthesized units offer flexibility in the N1, N2 & S bands, 2 frequencies programmed via internal dip switches & are front panel selectable. DTMF control is provided for receiver activation. Band width & deviation selection, transmitter allows user to switch RF output, switching power supply for reduced weight & reliability.

8888 25W Transmitter	PAS Price \$ _____	List .. \$2765.00
8889 Receiver	PAS Price \$ _____	List .. \$2075.00



MARTI YC SERIES

Yagi antennas, 10 dB gain, N female connector, VHF & UHF versions available.

YC Antenna	PAS Price \$ _____	List \$175.00
633-6 DUPLEXER	PAS Price \$ _____	List \$350.00
WP Series cavity resonators	PAS Price \$ _____	List \$210.00
ASPDR-700 Bass Antenna, 7 dB gain	PAS Price \$ _____	List \$336.00
HA450 UHF base antenna, up to 8.5 dB gain	PAS Price \$ _____	List ... \$1055.00
ASPD177/1650 Mobile roof-top whip antenna	PAS Price \$ _____	List \$56.25
MM150/450 Magnetic mount antenna	PAS Price \$ _____	List \$69.00
PAV Series Mic stand mount antenna	PAS Price \$ _____	List \$75.00



MARTI STL-15C

The Marti STL-15C transmitter & the companion R-15C Receiver, form a high quality frequency synthesized, radio communications link. Systems are available in frequency bands from 140 MHz to 960 MHz. Depending upon the available channel bandwidth, the systems can transmit one of the following: Composite FM Stereo w/subcarrier, Monophonic audio w/two subcarriers, Digital stereo audio (requires external modems), Multi-channel audio or data (requires external MUX), Digital data (requires external modems).

MARTI STL-15C PAS Price \$ _____ List .. \$3500.00
 MARTI R-15C Receiver PAS Price \$ _____ List .. \$3500.00



MARTI STL-10

Since its introduction, the Marti STL-10 has taken on and beaten two generations of the competitors' STL's. Today the STL-10 continues to offer the highest stereo separation, signal-to-noise ratio, reliability & value of any FM STL available anywhere.

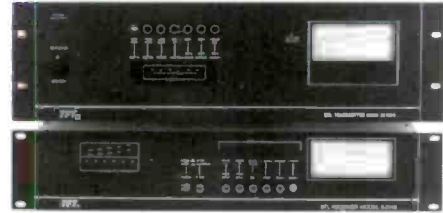
MARTI STL-10 PAS Price \$ _____ List ... \$1660.00
 MARTI R-10 PAS Price \$ _____ List ... \$1660.00



TFT 9100 COMPOSITE STL

Five year warranty, high interference without phase distortion. TFT's top of the line analog STL offers proven reliability, stability, and sonic quality the industry has come to expect.

TFT 9100 Transmitter PAS Price \$ _____ List .. \$3725.00
 TFT 9107 Receiver PAS Price \$ _____ List .. \$3385.00



TFT 9200 MONO STL

Cost effective, field programmable frequencies, built-in receiver switchover, optional built-in SCA generator & demodulator.

TFT 9200 Transmitter PAS Price \$ _____ List ... \$1845.00
 TFT 9205 Receiver PAS Price \$ _____ List ... \$1725.00



TFT 8300 COMPOSITE STL SYSTEM

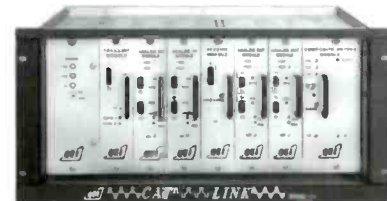
The 8300 is specifically designed for the major market's RF signal environment where it becomes increasingly difficult to operate composite STL's with the large number of signals present in the 940-960 MHz band. By using the latest technology & components, such as S.A.W. filters, selectable RF front end gain, variable bandwidth IF amplifiers & cast aluminum RF shielded housings for critical circuits, TFT was able to design one of the best STL systems available to the broadcaster for aural program transmission.

TFT 8300 Transmitter PAS Price \$ _____ List .. \$5300.00
 TFT 8301 Receiver PAS Price \$ _____ List ... \$5160.00

TFT DMM92 DIGITAL STL MODEM & MULTIPLEXOR

Excellent audio quality exists in TFT's DMM92. The encoders & decoders allow transmission of digital audio & computer data w/conventional analog RF equipment. CD quality audio, with lower RF received levels than analog STL's. Great for noisy RF environments. Digital I/O available.

Call for all the pricing details.



QEI CAT-LINK

It's pure digital. Providing real-time encoding/decoding with no compression techniques & with no audible delays to annoy on-air talent. It can send composite & high quality discreet audio channels. And it means flawless bi-directional transmission for your station. Allows clear, clean, undistorted program material in any kind of weather. An expandable Modular system, Input & output digital data is completely linear, with no data or audio compression.

Call for price.



MARK GRID ANTENNAS

Mark antennas offer a variety of sizes of Heli-Arc welded aluminum Multi-Element Grid Parabolas for point-to-point relay operation in the 335 to 2700 MHz frequency range. The patented grid of construction is lightweight, yet extremely strong. One of the outstanding advantages of the grid antenna is that it has wind loading, characteristics of only 25 to 40% of comparable size solid parabolas.

Call for model & price information



BIRD WATT METERS

PAS handles the industry standard line of Bird Watt Meters. Please call for more information.

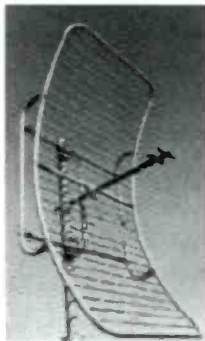
Model 43	PAS Price \$ _____	List \$230.00
Elements	PAS Price \$ _____	List \$60.00



MARTI SC-48

The Marti SC-48 stainless 4' full parabolic antenna is the answer to high antenna costs. The SC-48 gives you a better value for your antenna dollar. The SC-48 is broadband for the 940 to 960 MHz aural STL band & is category B rated in vertical & horizontal planes.

PAS Price \$ _____ List \$825.00



SCALA PR SERIES

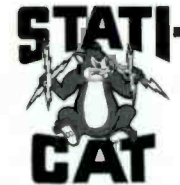
The paraflector antenna, UPS Shippable, universal mounting bracket, available in 450 band & 950 bands. H or V polarization, N connector.

SCALA PR 450 CU PAS Price \$ _____ List \$630.00

SCALA MF SERIES

Miniflector, great for short hops. Cost effective, vertically polarized, 940 to 960 MHz, N connector.

SCALA MF-960B PAS Price \$ _____ List \$320.00



CORTANA STATI-CAT

The Stati-Cat lightning prevention system works through the principle of charge dissipation, providing a continuous low resistance discharge path for the static electric charge found on all tall structures.

Call for Price.



ANDREW

Andrew products can eliminate schedule conflicts & make sure your project is completed on time & within your budget. PAS carries the complete Andrew coax line. From 3/8 to large diameter PAS & Andrew can help you solve your toughest RF transmission problem.

Call PAS for more information.

CABLEWAVE

Cablewave systems semi-flexible coaxial cables are used in electronics & communications systems operating from LWF through the microwave frequency bands. Both smooth wall aluminum & corrugated copper coaxial cables in foam & air dielectric are manufactured by Cablewave. A full line of commonly used connectors featuring ease of assembly without special tools & reliable performance is available for all cables.

Call PAS for more information.

FM ANTENNAS

PAS offers a wide range of FM Antennas including: Cablewave, Comark, Dielectric, ERI & Jampro.

Please call us with your application.



QEI 695

The 695 is an advanced technology FM exciter with outstanding features & performance. Noise & distortion of all kinds are reduced to a point that becomes difficult to measure. The 695 will operate with any stereo generator or SCA generator as well as a 600 ohm balanced line for monoaural signals.

QEI 695 PAS Price \$ _____ List .. \$5295.00



QEI 675T SERIES

The QEI 675T Series features the following: 100% Solid state designs, fully VSWR protected, Remote Control compatible, adjustable Power Output, Tunable over the entire broadcast band, choice of Exciters, Direct FM for Mono, Stereo, and SCA Operation. Available up to 1 KW.

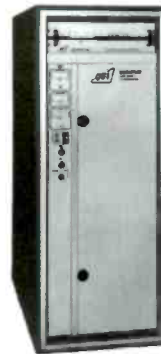
Call for details.



TFT RECITER

The Reciter is a combination of a TFT STL receiver & an FM exciter. The two are interconnected with an IF interface. No longer does a composite signal have to be demodulated to baseband. The TFT Reciter offers the cleanest path to your transmitter.

TFT 8910 PAS Price \$ _____ List ... \$9100.00



QEI QUANTUM SERIES SOLID STATE FM TRANSMITTERS

The Quantum-Series of transmitters feature modular power amplifiers & are available in power levels between 1.8 & 6 KW in 600 Watt increments. You can buy precisely the amount of power you need. This makes the Quantum-Series of transmitters affordable to own & operate by avoiding the inefficiency of running a higher power transmitter at low output power levels.

Please call for pricing information.



ENERGY-ONIX SST-30 FM BROADCAST EXCITER

The SST-30 features include: Modern solid-state technology, frequency agile w/front panel selector, facilities to accept Mono, Stereo & (3) SCA inputs, front panel metering of power output & modulation, front panel adjustment of output power & modulation facilities to accept external frequency reference, has remote control & metering and is attractively priced.

SST-30 30 Watt PAS Price \$ _____ List .. \$2795.00



QEI FMQ SINGLE TUBE HIGH-POWER FM TRANSMITTERS

QEI engineers designed the FMQ-Series to deliver what broadcasters need.. Reliability. Every step of the way QEI selected only the highest quality components. You can feel it in the smooth & precise control of the tuning & see it in the massive plate transformer. QEI offers 5 different models up to 30KW.

Call for details.

PAS handles many other brands of RF related gear including: Altronic Research, Dielectric, Comark, Delta & many others.



ENERGY-ONIX AM BROADCAST TRANSMITTER

The Energy-Onix comes with the following features: Conventional, high level plate modulation, one tube type in both modulators & PA, 125% positive modulation, Solid-State audio driver, RF oscillator & IPA, modern control system, is self-contained in one cabinet. Call for details. Designed for both local & remote control, simplified, standard circuitry, vacuum tubes in PA reduce lightning damage possibilities. 7 models available from 1 to 50KW.

Please call for pricing information.



DURO-TEST TOWER LAMPS

Duro-Test lamps have the reputation of outlasting other lamps on the market. They typically last up to 4 times the others. Their longer life rating & sturdy construction will keep your Engineer on the ground instead of up the tower replacing lamps.

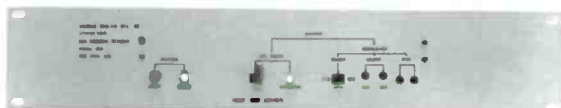
Contact your PAS representative for application & pricing



SSAC TOWER FLASHES

PAS carries the complete line of SSAC flashers, flasher alarms & solid state relays. Call your PAS Pro for application information & pricing on SSAC products.

Call & update your system today.



GORMAN-REDLICH

Model CEB Encoder-Decoder is a complete two frequency EBS system which meets all necessary F.C.C. requirements. You can use your existing monitor or the low cost, tunable AM/FM/EBS monitor receiver from Gorman-Redlich. The Encoder position counts down the 3.9 MHz crystal oscillator frequency to generate a 960 Hz & 853Hz tone which make up the new attention signal. The Decoder portion detects the presence of the EBS attention signal at the output of the monitor receiver.

CEB Encoder - Decoder	PAS Price \$ _____	List \$540.00
CE Encoder Only	PAS Price \$ _____	List \$375.00
CE-S Encoder w/stereo option	PAS Price \$ _____	List \$405.00
CD Decoder Only	PAS Price \$ _____	List \$320.00
AM/FM Monitor Receiver	PAS Price \$ _____	List \$100.00

**Stay tuned to
PAS for information
on E.A.S.**



MOTOROLA SPIRIT SERIES

All Spirit portable two-way radios are engineered to Motorola's high standards. Each model must pass our Accelerated Life Testing, simulating five years of rigorous use, including a four foot drop test on all six sides.

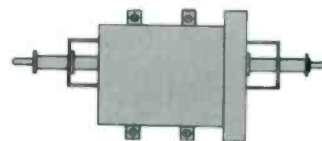
SPIRIT I Single-channel VHF	PAS Price \$ _____	List \$225.00
SPIRIT II Single-channel VHF/UHF	PAS Price \$ _____	List \$269.00
SPIRIT III Dual-channel VHF/UHF	PAS Price \$ _____	List \$429.00



TFT 886/887

The TFT EBS Systems feature 2 digital clocks: days since your last transmission & days since your last reception. Both LED displays count up to 11 days, then flash a warning on 12. There are also provisions for balanced & composite audio loop-through, remote activation with many more features all in only one unit of rack space.

TFT 886 AM	PAS Price \$ _____	List ... \$2150.00
TFT 887 FM	PAS Price \$ _____	List .. \$2075.00



KINTRONIC LABORATORIES ISOCOUPERS

PAS offers the full-line of Kintronic Isocouplers. Allows operation of 30 to 1000 MHz without disturbing AM antenna characteristics.

Call for prices.



ELECTRO IMPULSE

PAS handles the entire series of Electro Impulse coaxial dummy loads. Please give us a call all on information to fit your application.

Call for prices.



GENTNER PEOPLE LINK - CONTROL SURFACE

The following are the features & benefits of the Gentner PeopleLink Control Surface: Connects up to six control surfaces per system, connects directly to the Mainframe via a serial data port. Each control surface is independent of all other control surfaces, allowing simultaneous operation of the system from several different locations, accommodates handset for normal telephone operation.

Call for prices and configurations.

GENTNER PEOPLE LINK - MAINFRAME

Features & benefits of the Mainframe include: Supports up to four Ten-Line interfaces, providing access to as many as 40 telephone lines, controls all functions of the system, Battery backed-up RAM stores custom programming, interconnects the Ten-Line interfaces, control surfaces, audio interfaces, digital hybrids & other equipment.

Call for prices and configurations.

GENTNER PEOPLE LINK - TEN LINE INTERFACE

The following features are found on the Ten Line Interface: Each Ten-Line Interface connects directly to as many as ten telephone lines, telephone lines can be shared w/any standard business telephone system. Routes appropriate hold audio sources to the telephone lines, connects directly to the Mainframe. Each Ten-Line interface connects to as many as four different hold audio sources. Hold audio start contacts activate cart machines or other storage devices.

Call price and configurations.



GENTNER 2500

Gentner Communications Corporation, a leader in audio equipment for broadcasting and teleconferencing, has introduced a new telephone hybrid for professional audio applications. The G2500 Superhybrid uses DSP echo cancellation technology, originally developed for the demanding feedback control requirements of corporate boardrooms, plus Gentner's superior telephone audio quality developed for broadcasters' stringent requirements.

2500 PAS Price \$ _____ List \$1895.00



GENTNER G3200 SUPERHYBRID.

Designed for telephone calls with a live audience or in-studio guests, the G3200 provides both advanced telephone nulling and acoustic echo cancellation. Here's how it works: when connected to a telephone line, the G3200's DSP digital hybrid automatically adapts to remove any "send" (announcer) audio that may be reflected back due to poor line conditions (this reflected audio is referred to as telephone line echo or sidetone).

G3200 PAS Price \$ _____ List .. \$2495.00



GENTNER TS612 DCT

The TS612 DCT system consists of a Mainframe and single Control surface. Six standard telephone lines (loop start or fully emulating loop start, such as fax/modem line). An additional six lines may be connected by purchasing line expansion, for a total of 12 lines. The Mainframe provides all control and routing of the telephone lines. Dual DCT "Superhybrids" are built into the Mainframe. They are used for conferencing of callers, or may be dedicated to specific studios, if additional Control Surfaces are connected to the Mainframe. The Control Surface is used for line selection, dialing out, talking with callers off-air, placing callers on-air, and selecting operational functions of the system. Up to two additional control surfaces can be connected.

TS612 DCT 6 line PAS Price \$ _____ List .. \$2495.00

TS612 DCT 12 line PAS Price \$ _____ List .. \$2995.00

Additional Control Surface PAS Price \$ _____ List \$395.00



GENTNER DIGITAL HYBRID IA

The Digital Hybrid I, brings Gentner's exceptional telephone interface performance to applications where both cost and high quality audio are significant factors.

Hybrid IA PAS Price \$ _____ List ... \$1149.00



GENTNER DIGITAL HYBRID III

Gentner's Digital Hybrid III goes beyond other DSP hybrids, however, with its out standing audio quality. Caller audio is crisp, clear and understandable. A built-in send AGC (automatic gain control) ensures consistent audio levels to callers. And, when you use the Digital Hybrid III with call directors or multi-line telephones, you get quiet line switching—no more annoying pops or clicks on-air.

HYBRID III PAS Price \$ _____ List ... \$1795.00

TELEPHONE HYBRIDS & COUPLERS



GENTNER SPH-5

The SPH-5 Telephone Hybrid features are: Advanced analog circuitry, automatic recording, automatic switching between mix-minus on console & mic preamp, Adjustable caller control, built-in power supply, Meets international power requirements. Fully remote capable, sturdy rack mount design.

SPH-5 Telephone Hybrid PAS Price \$ _____ List \$889.00



GENTNER SPH-3A

The features of the Gentner SPH-3A include: Full duplex hybrid capability, direct connection to the telephone line, built-in monitor amplifier, balanced & unbalanced mix outputs, built-in power supply & a sturdy rack mount design.

SPH-3A Telephone Hybrid PAS Price \$ _____ List \$579.00



GENTNER TC-100

Features on the Gentner TC-100 include: Relay contacts to start tape machine on answer, direct connection to the telephone line, adjustable ring count before auto-answer, DTMF decoder provides up to 16 contact closures for starting equipment, etc. Supplied wall transformer & sturdy rack mount design.

TC-100 Telephone Hybrid PAS Price \$ _____ List \$479.00



GENTNER MICROTTEL - PORTABLE TELEPHONE INTERFACE

The Microtel features are as follows: Replaces the handset on standard telephones, send & receive audio over the telephone, battery operated (uses 9V battery), external power not required, is portable & takes mic and line levels.

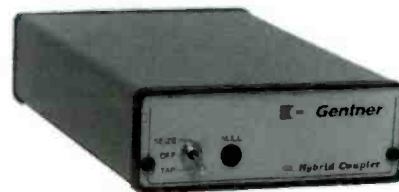
Gentner MicroTel PAS Price \$ _____ List \$259.00



GENTNER TELESWITCH

The Teleswitch carries the following features: Compatible with Gentner telephone hybrids, conferencing capability, Program/music on hold, record & cue capability for Digital Hybrid II & SPH-5. Pre-assembled hybrid cables are available. Connection for five telephone lines & expandable for additional telephone line.

Gentner Teleswitch PAS Price \$ _____ List \$995.00



GENTNER HYBRID COUPLER

The following features are found on the Gentner Hybrid Coupler: It is inexpensive, passive (uses no power), adjustable mix of send & receive audio, selectable seize & tap positions & standard connection for telephone line and set.

Gentner Hybrid Coupler PAS Price \$ _____ List \$179.00



GENTNER AUTO COUPLER

The Gentner Auto Couplers' features are: Inexpensive, automatic answer & disconnect, adjustable mix of send & receive audio, selectable operation from automatic to manual coupling, includes wall adapter. Has standard modular connections for telephone line & set. CP model disconnects where "loop drop" is not provided.

Auto-Coupler PAS Price \$ _____ List \$319.00



GENTNER EFT-100

The EFT-100 Digital Frequency Extender features the following: Single-line frequency extension, Built-in single ended noise reduction, Bi-color send & receive audio level indicators, Advanced digital circuitry. Works with all Gentner telephone hybrids; is low cost & remote capable.

EFT-100 PAS Price \$ _____ List \$689.00



GENTNER EFT-900A

The EFT-900A Digital Frequency Extender has the following features: Single-line extension, Two-way communication between the studio & remote site, Built-in single ended noise reduction, Internal microphone & headset amplifier, Internal telephone coupler, Advanced digital circuitry & a low cost.

EFT-900A PAS Price \$ _____ List \$979.00



GENTNER EFT-1000A

The Gentner EFT-1000A features: Single line frequency extension, Two-way communication between the studio & the remote site, Built-in single ended noise reduction, Automatic answer/disconnect, Automatic initialization to frequency extension mode, Internal microphone & headset amplifier, Internal telephone couplers, Advanced digital circuitry. Optional rack mount panel available.

EFT1000-A PAS Price \$ _____ List ... \$1469.00



HENRY ENGINEERING - DIGISTOR

Digistor is a digital message storage & playback system ideally suited for telephone "information lines". The unit stores up to 8 1/2 minutes of audio for automatic playback via phone line. Digistor can record from a mic, cassette, or other 'line' level sources. 9V battery prevents memory loss during an AC power failure. Prices starting at \$395.00

Call for prices.



HENRY ENGINEERING - DIGICORD

Up to 16 separate messages can be recorded for random-access playback. DigiCord is ideally suited for numerous 'non-critical' broadcast & commercial sound applications. Messages can be recorded from a mic or from a tape deck or other line-level audio sources. DigiCord can be remotely controlled.

DigiCord PAS Price \$ _____ List \$695.00



HENRY TELEPHONE INFORMATION SYSTEM

The TIS can store up to 10 separate messages in its digital memory. When the unit is called, a "Menu" message plays, telling the caller which messages are available on the system. Messages can be recorded using the microphone supplied, or dubbed from cassette or other sources.

TIS PAS Price \$ _____ List \$895.00



AEQ ACD-3.000

The Audio Code ACD-3.000 is a full-duplex audio coder and decoder, offering up to 10.5 KHz of analog bandwidth simultaneously in both received and transmitted signals, depending on the selected mode of operation. - The equipment uses CCITT G.722 and ISO/MPEG Layer II compression algorithms, in a wide range of operating modes and combinations. The sampling rates used by the system are 43, 32, 24 and 16KHz, while the output bit rate is 56 Kbits or 64 Kbits, user selectable.

ACD-3.000 PAS Price \$ _____ List ... \$2700.00



AEQ - SINGLE/DUAL DIGITAL HYBRID W/ FREQUENCY EXTENDER

The ultimate solution for interconnection between telephone lines & live radio and TV programs. The TH-02 EX is a configurable system which can be used in the two wire mode, as a digital hybrid, or in the four wire mode as a full duplex intercom. Includes frequency extender, Encoder/Decoder to be used with another TH-02 EX or AEQ's TLE-02.

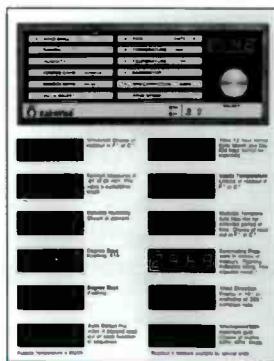
AEQ Dual Digital Hybrid PAS Price \$ _____ List ... \$1425.00



RAINWISE - WEATHERSTATION

Engineered for precision & trouble-free operation, this computer-age WeatherStation monitors seven different weather phenomena. The station provides digital readout for Time, Indoor & Outdoor temperature, Barometric Pressure, Wind Direction, Wind Speed, Wind Chill, Rainfall & outdoor Relative Humidity. Its microprocessor computes & accumulates Degree Days Heating & Degree Days Cooling throughout the year. Maximums and minimums are provided for any desired period to the nearest hour, day & month.

WeatherStation PAS Price \$ _____ List \$990.00



RAINWISE - WEATHER ORACLES I & 2

The Oracle I was designed for the serious weather watcher. It provides all of the information necessary to accurately identify & predict meteorological change. Maximums & Minimums are stored for Outside temperature, Barometer, minimum Wind Chill & maximum Wind Speed to the nearest hour, day and month. The barometer indicates steady, rising and falling pressure. The easy-to-mount rooftop unit is connected by a plug-in cable to the indoor display. The Oracle 2 substitutes inside temperature for Barometric pressure.

Oracle 1 PAS Price \$ _____ List \$595.00
 Oracle 2 PAS Price \$ _____ List \$559.00



GORMAN-REDLICH WEATHER RECEIVER

The Gorman-Redlich model CRW Weather Receiver is a highly sensitive & selective receiver for National Weather Service (NWS) transmissions. It's equipped with a tone decoder that processes the 1050 Hz and 1650 Hz signal tone for automatic audible & visual alarm signals in the event of emergency situations.

CRW PAS Price \$ _____ List \$540.00



RODCO - COMPUTEMP 5

Time & Temperature at a glance, indoor & outdoor temperatures. The Computemp lets you accurately monitor temperatures outdoors or at other remote locations, up to 1,000 ft. away. Also provides temperature history & temperature alarm.

COMPUTEMP 5 PAS Price \$ _____ List \$94.95



TELTEK INFORMER II

The Informer II is accurate, inexpensive, and it remembers high and low temperatures. This highly accurate thermometer has a large LCD readout with a wide range covering -40 to 120 Fahrenheit. It comes in a high impact AMS case with a three way mounting bracket and a water resistant display window and keypad. Also included is a double sealed submersible probe with a 50' cable. The informer II is supplied with a AA battery for one year life, plus it remembers high and low temperatures and is easily reset.

INFORMER II PAS Price \$ _____ List \$52.95



GOLDLINE

Model GL30 1/3 Octave Spectrum Analyzer with printout option was designed for professional use in the studio, on tour or setting up sound systems. Model 30 Option 020A, Printer Interface Board & Program with Non-Volatile Memory, provides hard copy of RTA displays including all test parameters used during RTA measurements.

GL30	PAS Price \$ _____	List ... \$1995.00
Option 020A	PAS Price \$ _____	List \$250.00
TS-1	PAS Price \$ _____	List \$379.00
TS-1RMX	PAS Price \$ _____	List \$539.00



KLARK-TEKNIK AUDIO ANALYSER

Superb value 25Hz-20kHz analyser, unequalled ease of use with high accuracy & reliability. Clear graphic LED display, three memories, Peak hold functions, Mic. & line inputs, Built-in pink-noise source, Optional RT60 reverberation analyser, ATI measurement microphone.

Audio Analyser PAS Price \$ _____ List .. \$3795.00

RT60 REVERBERATION ANALYSER

An inexpensive add-on reverberation analyser with: Reverberation decay shown on the DN60 display.

Reverb Analyser PAS Price \$ _____ List \$610.00



AUTOGRAM

The Autogram T-8 frequency response test set is designed for measuring audio frequency response of complete broadcast audio systems or parts thereof. Eight preset switchable sine wave audio frequencies are available at three different switchable preset signal levels. An automatic position, when activated, will transmit sequential burst of each frequency for approximately one second duration. A manual position allows the operator to select any of the eight frequencies in a continuous mode.

Autogram T-8 PAS Price \$ _____ List \$508.00



DORROUGH

The Dorrrough stereo test kit, Model 1200 is a simple & easy-to-operate gain set that will allow you to quickly monitor & dynamically balance stereo broadcast lines. The Model 1200 offers the widest range ever designed for accurate measurement of level, balance, crosstalk & signal to noise of your system from noise floor to signal clipping. You can easily verify stereo system performance without having to call for an oscilloscope or DVM from the maintenance shop. If incorrect conditions are spotted, just connect test equipment to one of the Monitor Jacks to examine a suspected problem in detail.

1200 PAS Price \$ _____ List ... \$1650.00



FOSTEX

The TT-15 test tone oscillator features user-selectable 40, 400, 1K, 10K & 15kHz internal oscillator test tones. The 0 dBV output is ideal for broadcast use. -10dBV & -30 dBV levels are also selectable. It is powered by a 9V battery.

Fostex TT-15 PAS Price \$ _____ List \$65.00



CRL DAA-50 DIGITAL AUDIO ANALYSER

For a comprehensive analysis of your digital audio signals, you need CRL's DAA-50. The DAA-50 can receive & decode audio data according to the AES/EBU, IEC958, S/PDIF & EIAJCP-340 interface standards.

CRL DAA-50 PAS Price \$ _____ List \$795.00



WHIRLWIND TESTER

This versatile cable tester checks most varieties of audio cables. Can test cables with any combination of XLR, 1/4" or RCA Phone plugs for shorts, opens & phase. Hands-free design allows manipulation of cable to locate intermittents. An On/Off switch is provided, with LED to indicate sufficient testing power. Belt clip included.

Tester PAS Price \$ _____ List \$59.00

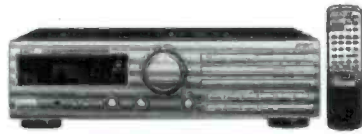
TUNERS AND TURNTABLES



CARVER TX-11B TUNERS

This tuner outperforms exotic tuners offering lower noise, less distortion, superior sensitivity, and far better rejection of multipath interference.

TX-11b PAS Price \$ _____ List \$800.00



JVC RX-315TN

Features: 105 watts per channel - min RMS - both channels driven into 8 ohms, from 40Hz to 20kHz with no more than 0.8% total harmonic distortion, A/V remote control with power on/off, enhanced COMPU LINK Control System, motor-driven volume control with LED, four speaker surround, Random preset memory for 40 AM/FM stations, auto memory, fluorescent display, headphone output, and connections for two speaker systems

RX-315TN PAS Price \$ _____ List \$259.00



ROLL RS78

The Rolls RS78 is a digital PLL synthesized AM/FM tuner in a 2 rack space chassis. It is intended for sound installations, and commercial applications that require a high performance tuner.

RS78 PAS Price \$ _____ List \$215.00



TECHNICS SA GX170

The Technics SA-GX170 features new class H+ amplifier circuitry, powerful Stereo Mode 100W/Ch (40Hz-20kHz, 8Ω, 0.08% THD), new 31-key AV remote control, 4 audio inputs & 1 VCR (audio only) input for multiple component handling, 30-station AM/FM random access presets with 10-key direct access, large, multi-function alphanumeric FL display, remote-controllable motorized volume knob, and bass & treble tone controls.

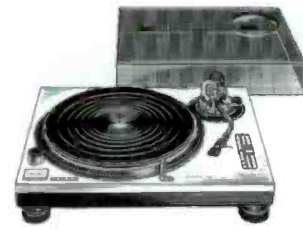
SA-GX170 PAS Price \$ _____ List \$799.00



GEMINI XL1800QII

Quartz direct drive manual, Strobe slide, pitch control, cueing, light, adjustable tone arm, aluminum platter.

GEMINI XL1800QII PAS Price \$ _____ List \$475.00



TECHNICS SL1200MKII

The industry standard for clubs, DJ's, professional applications. Quartz direct drive, manual strobe, pitch control.

SL1200MKII PAS Price \$ _____ List \$699.95



LOGITEK

Features a patented balanced-input circuitry that keeps hum & RFI out, so the sound stays clean despite nearby transmitters or electrical noise sources. All equalization is passive to eliminate transient feedback distortion & the toroidal power transformer eliminates power supply hum radiation.

BPA-200 PAS Price \$ _____ List \$399.00



STANTON

The Model 310B Stereo Phono preamplifier is designed to correctly interface all Stanton & selected magnetic phonograph cartridges for optimum playback of disk records & calibration of audio systems. It features: Universal mounting by special brackets, switchable effective rumble filter, individual adjustment of gains & 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 60 Hz & immunity to external magnetic AC fields.

310B PAS Price \$ _____ List \$240.00



ATI MICROAMP PI000

You will be amazed at how well a really effective subsonic filter can clean up the rest of your audio chain. Flat to 30 Hz, down 30 dB by 7 Hz, it blocks those high amplitude record warp and seismic signals that can saturate downstream transformers and cause intermod distortion in high level circuitry. Push button high boost and cut filters allow you to brighten a muddy recording or reduce stridency. DIP switch loading, precision 1/4dB equalization, low noise and more headroom than the physics of disk cutting will ever require make this preamp an exceptional performer. Desk, cabinet, and rackmounting.

PI000 PAS Price \$ _____ List \$399.00
 Rack Kit PAS Price \$ _____ List \$20.00

FOR THE LOWEST PRICES AND BEST SERVICE, CALL US FIRST
 817-483-7474 • FAX: 817-483-9952 • Order Desk: 1-800-433-7668



STANTON CARTRIDGES

Stanton holds the #1 position in the Disco and Radio Broadcast industry. The reasons – reliability, ruggedness, and superb sound quality. Our Disco series of professional cartridges offers a complete selection to fill every professional's needs. Call for price and options.



SHURE STUDIO CARTRIDGES

This series was designed for use in broadcasting, recording, disco, libraries, and other demanding professional applications. These cartridges offer true high performance, providing clean, undistorted playback even of the toughest-to-track hottest recordings. Call for price and applications.

STANTON

Cartridge Model	Price	Replacement Styli Model	Price
500AL	22.70	D5107AL	10.70
500EL	28.40	D5100EL	17.00
500EMKII	24.30	D50EMKII	14.00
681EEEMKIIS	80.50	D6800EEEIIS	32.80
881SMKIIS	124.50	D81IIS	54.60
890AL	92.00	D89AL	26.60
680AL	62.70	D6800AL	18.20
680EL	70.30	D6800EE	21.80

SHURE

M44-7	49.95	N44-7	18.95
M44-C	49.95	N44-C	18.95
M44-E	49.95	N44-E	18.95
SC35C	44.95	SS35C	18.95
		SC39EJ	29.95

AUDIO-TECHNICA

ATP2	65.00	ATPN2	39.00
ATP3	99.00		

Accoustical Treatment	69	Generators, Stereo	93-96	Processing, PA	89
Alignment Tapes	20, 73	Headcleaner	72	Processing, RF	93-96
Amplifiers	6-9, 11, 79	Headphone Amps	7, 79	Production Consoles	30-33
Antennas	100, 102	Headphone/Headsets	54-56	Q Tips	72
Audio Processing	81-92	Height Gauges	20	R DAT Recording	45, 46
Audio Tape	74-76	Hub Adaptors	73	Rocks, Equipment	67, 68
Automation Equipment	21	Hybrids, Telephone	105-107	Razor Blades	73
Beacon Lights	104	Intercom	71	Real Time Analyzer	109
Boom Arms	65	Interface Amps	9, 79	Receivers	110
Boxes, Reels (empty)	75	Interface, Telephone	33	Record Cleaners	73
Broadcast Consoles	24-36	Labels	76	Recorder Cartridges	19
Bulk Erasers	20	Leader Tape	75	Recorder Cassette	14-18
Cable and Connectors	80	Lecterns	52, 53	Recorder CD MiniDisc	45
Cartridge, Machines	19, 45	Logging Recorders	21	Recorder DAT and Digital	46-48
Cartridge, Phone	111	Meters	22	Recorder Reel to Reel	12, 13
Cartridge, Storage	70	Microphones	57-63	Remote Control	99
Cartridge, Tapes	76	Microphones, Accessories	64, 65	RF Accessories	100-104
Cases, ATA	67	Microphones, Amps	11, 79	RF Equipment	93-104
Cassette, Duplicators	18	Microphones, Arms	65	RF Monitoring	97, 98
Cassette, Multitrack	17	Microphones, Processing	88	RF Processing	93-96
Cassette, Portable	16	MiniDisc Media	75	RF RPU	100
Cassette, Recorders	14-18	MiniDisc Recorders	45	RF STL	101
Cassettes, Blank	76	Mixers	24-36, 78, 79	RF Transmitters FM and AM	103
CD Accessories	44	Modulation Monitors	97-98	Routing Switches	77
CD Players	21, 40-44	Monitors, Studio	49, 50, 51	SCA Generators	95
CD Storage	68, 70	MultiTrack Recorders, Analog	11, 12, 17	Silence Sensor	99
Clocks and Timers	23	MultiTrack Recorders, Digital	48	Speakers	38, 39, 49, 50
Coax and Connectors	102	Noise Gates	84	Splice Blocks	72
Compressors/Limiters	81-83	Noise Reduction	Call	Splice Finder	20
Connectors, Audio	80	NRSC Processing	95, 96	Stereo Generators	93-96
Consoles	24-36	Obsenity Delays	22	STL Systems	101
Copyholder	70	On Air Lights	66	Studio Monitors	49, 50, 51
Coupler, Telephone	106	On Air Consoles	24, 25	Stylus	111
Cue, Amplifiers	51	Open Reek Recorders	12-13	Swabs	72
Delays, Audio	90-92	Oscillators, Audio Tone	21, 109	Switches, Routing	77
Delays, Broadcast	22	PA and Sound Systems	37-39, 52, 53	Tape, All Types	74-76
Delays, Time Alignment	89	Patch Bays	77	Telephone Hybrids and Interface	33, 105-107
Demagnetizers	72	Pencils, Editing	73	Temperature Sensor	108
Digital Recorders	45-48	Phantom Power Supplies	11, 79	Test EQ	109
Direct Boxes	10	Phono Cartridges	111	Test Tapes	20, 73
Distribution Amps	6, 79	Phono PreAmps	79	Timers/Clocks	23
Dummy Loads	104	Portable Cassette Recorders	16	Tone Arms	Call
Editing Accessories	72, 73	Power Amps	8	Tone Generators	21, 109
Effects, Audio	90-92	Power Conditioners	71	Tone Sensor	21
EQ's	85-87	Press Boxes	10	Tower Lamps and Flashers	104
Equipment Racks	67, 68	Pressure Rollers	73	Transmission Lines	102
Erasers	20	Problem Solvers	78	Transmitters AM and FM	103
Exciters	103	Processing, Audio	81-92	Transmitters RPU	100
Feedback Eliminator	89	Processing, Compressors/Limiters	81-83	Transmitters STL	101
Flasher, Tower	104	Processing, Delays	90-92	Warning Lights	66
Frequency Extenders	107	Processing, Effects	90-92	Weather Instruments	108
Gates, Noise	84	Processing, EQ's	85-87	Wire and Cable	80
Generators, 25Hz Tone	21	Processing, Microphones	88	Wireless Mics	62, 63
Generators, SCA	95	Processing, Noise Gates	84		



300 Lines of Products
Technical Staff
Million Dollar Inventory
Quick Delivery

Office: 817-483-7474

FAX: 817-483-9952

Order Desk: 1-800-433-7668



PAS
PROFESSIONAL AUDIO SUPPLY

5700 E. Loop 820 So.
Fort Worth, Texas 76119-7099

BULK RATE
U.S.
POSTAGE
PAID
Permit #149
Fort Worth, TX

SORENSEN BROADCASTING
604 N KIWANIS
SIOUX FALLS SD 57104