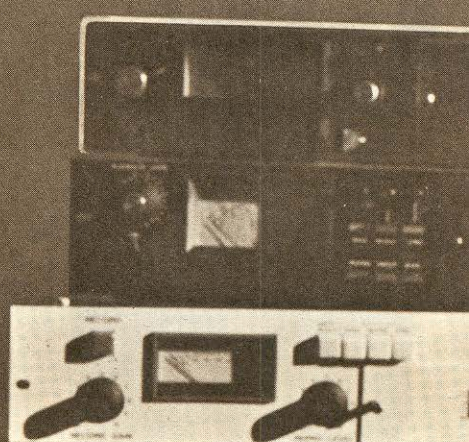
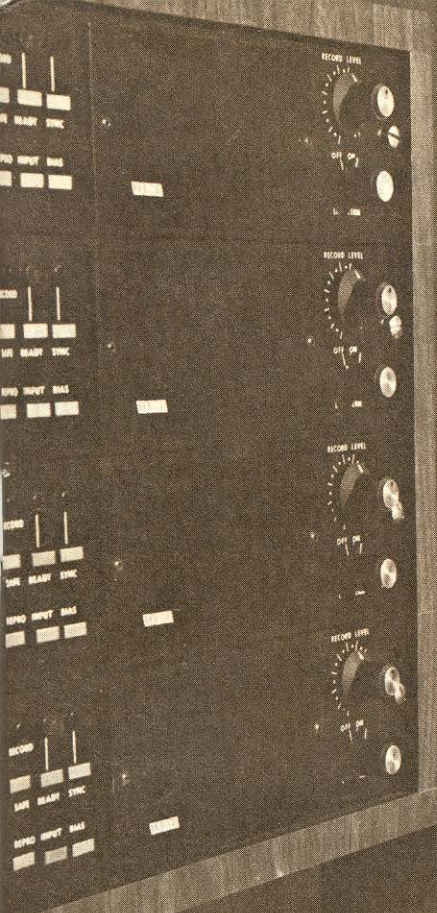


ACCURATE SOUND CORPORATION

*positively*  
*5th avenue*





# ATTENTION 350/351/300/3200

## OWNERS

### UPDATE YOUR TRANSPORT WITH THE ASCO-2000 CONTROL BOX

The following is an explanation of the operational improvements.

1. Improved speed and timing accuracy with all reel sizes since constant tension eliminates capstan slippage. Therefore eliminating pitch change from beginning to end of reel.
2. Head life is extended by elimination of excessive tensions.
3. High frequency performance is improved by consistent head to tape pressure, reduced tracking error, and smaller azimuth variations.
4. Starting disturbances are reduced by employing torque boost on takeup and constant tension on holdback.
5. Motion sense locks out capstan idler engagement until tape motions stops.
6. Dynamic braking allows any combination of reel sizes to be stopped during fast wind without tape spills.
7. Enter any transport mode from any other mode by pressing the desired button.
8. Recording stops prior to tape motion to provide pop-free bias turn off.
9. The record function may be remotely turned off without stopping the tape.
10. Spill tape edit may be entered with the safety switch down by pressing edit and play.
11. Two sets of tape tensions are switch selectable to allow changing tape sizes without readjusting tensions.
12. All transport functions can be remotely controlled with logic level pulses.

#### OPTIONAL FEATURES:

1. Capstan motor remains stopped until play is entered.
2. Circuitry for fast wind tape lift defeated by edit button
3. Three-speed operation
4. Constant tension take up
5. Constant torque holdback or takeup where tension is not required.

All of these improvements may be added to your 350/351 by you in less than a day's time.

#### ASC0 2000 SERIES CONTROL BOX PRICING:

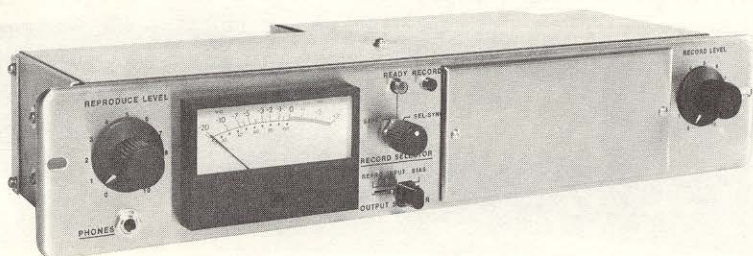
Constant Torque version_____	\$ 525.00
Constant tension hold back only_____	\$ 595.00
Constant tension hold back & take up_____	\$ 745.00
Heavy duty version w/constant hold back only for 1" and 2" transport_____	\$ 745.00

#### OPTIONS:

3 speed option in any of the above_____	\$ 25.00
Capstan slow start option_____	\$ 15.00
350/351/300/3200 Modified Escutcheons with additional switches and wiring harness_____	\$ 100.00

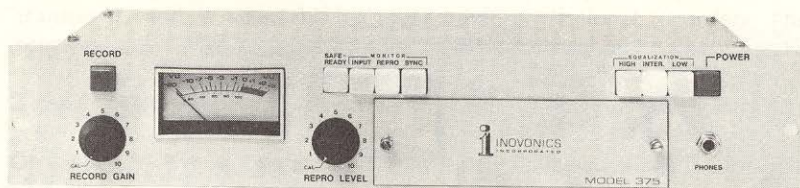


# RECORDING ELECTRONICS



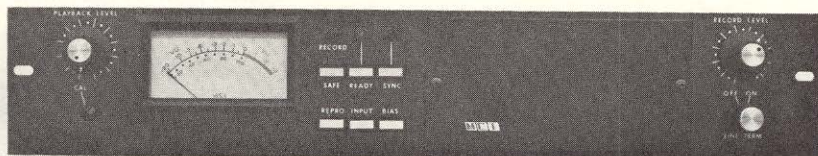
## AG 440-B Electronics

New 90-day parts and labor warranty — \$550.00



## Inovonics Model 375

New 1-year parts and 90-day labor warranty — \$690.00



## MCI JH5

New 90-day parts and labor warranty — \$550.00



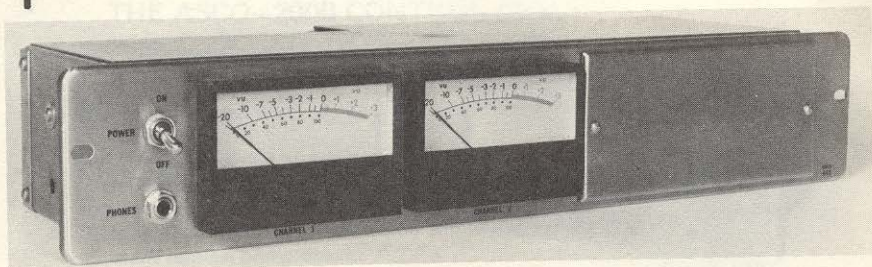
## AMPEX AG 350 Amplifier

Reconditioned; 30-day parts and labor warranty \$450.00

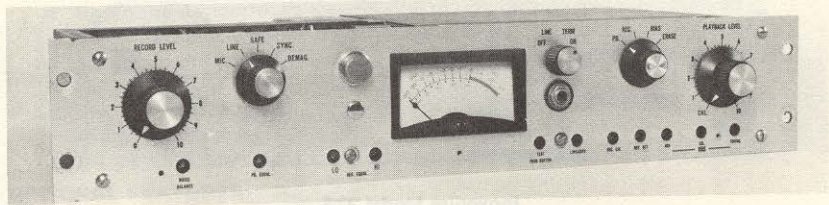
NEW HOURS: Monday — Thursday 8:00 to 5:00 • Telex ASCO 34-8327



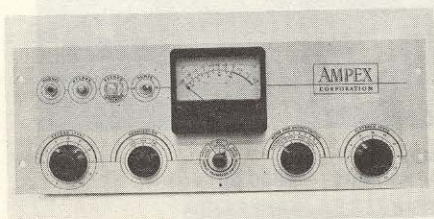
# RECORDING ELECTRONICS



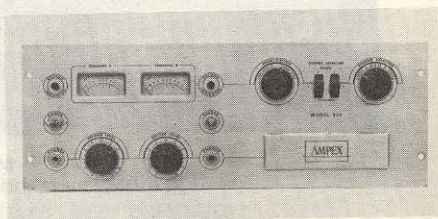
**ASCO 445 P/B Only 2 Channel**  
New 90-day parts and labor warranty — **\$595.00**



**SCULLY 280 Electronics**  
New 90-day parts and labor warranty — **\$550.00**



**AMPEX 351**  
Reconditioned;  
30-day parts and labor warranty — **\$400.00**



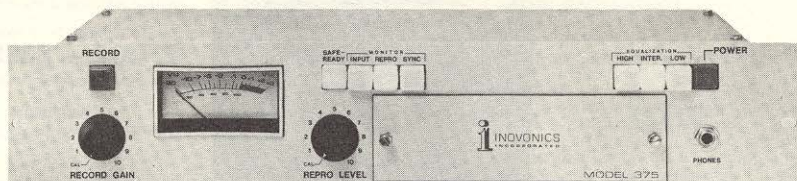
**AMPEX 354**  
Reconditioned;  
30-day parts and labor warranty — **\$450.00**

**AMPEX 350 (Not Pictured)**  
As Is; No warranty — **\$100.00**



# ASC HAS INOVONICS

One of the industries most advanced record/reproduce electronics is now available through Accurate Sound Corp. The Inovonics 375 is a self-contained electronics that is equally suited to original installations or for upgrading existing systems.



## FEATURES:

Interfaces directly with Ampex 300, 350/351, 354, AG300, AG350, AG440 transports, and is adaptable to most other professional recorders. The unit accommodates a wide variety of original equipment and replacement heads.

3 speed equalization of any combination on NAB and IEC characteristics.

Optional sync reproduce amplifier has independent equalization for optimum performance in both playback modes.

Full remote control of all modes including sync monitor. Solid state switching eliminates contact noise.

## SPECIFICATIONS:

Frequency Response:

	15 ips $\pm$ 2 dB	20 – 20K		30ips $\pm$ 2 dB	60 – 22K
(A)	7½ips $\pm$ 2 dB	20 – 15K	(B)	15ips $\pm$ 2 dB	30 – 22K
	3¾ips $\pm$ 3 dB	20 – 8K		7½ips $\pm$ dB	20 – 16K

SIGNAL /NOISE RATIO: UNWTD OVERALL (IN dB)

	15ips	–	67 dB		30ips	–	71 dB
(A)	7½ips	–	69 dB	(B)	15ips	–	67 dB
	3¾ips	–	66 dB				

Recorded Distortion @ 6 dB above OP level

(A)	0.02%	(B)	0.8%
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INPUT: 10K unbalanced bridging, -20 to +8dBm

OUTPUT: 600 ohm balanced or unbalanced +4 or +8dBm

POWER REQ: 105-130 VAC 50/60 Hz, 3 amps (plus transport)

PRICE: \$690.00

NEW HOURS: Monday – Thursday 8:00 to 5:00 • Telex ASCO 34-8327



# VIDEOTAPE RECORDER

HERE'S THAT PERFECT VIDEOTAPE TRAINING AID  
FOR GOLF, TENNIS, SWIMMING, DANCE,  
THEATRE ARTS, ETC.



PRICE — \$395.00

## SPECIFICATIONS FOR THE MODEL 1000

### VIDEO

TV Signal:	U.S. Standard TV Signal
Tape Speed:	1 1/4 inches per second
Tape Width:	1/4-inch Magnetic Tape
Maximum Reel Size:	7-inch diameter reels
Recording Time:	37 minutes using 2,130 ft. of tape
Resolution:	More than 200 lines
Signal-to-Noise:	Better than 40 db
Video Input	1.4 volts p-p (Negative Synch.) @ 75 ohms
Audio Band Width:	100 to 10,000 Hz
Audio Signal-to-Noise Ratio:	40 db
Head Assembly:	Twin Rotating Video Heads (180° spacing) Individual erase, audio/control, and AF record heads

### AUDIO

Tape Speed:	3 3/4 and 7 1/2 ips
Wow and Flutter	Less than 0.10% at 7 1/2 ips Less than 0.12% at 3 3/4 ips
Frequency Response:	30 to 17,000 Hz at 3 3/4 ips ± 3 db 30 to 19,000 Hz at 7 1/2 ips ± 3 db Within 1.5% @ 1,000 Hz zero VU
Distortion:	Better than 50 db
Signal-to-Noise Ratio:	Zero VU
Line Output:	100 KHz
Record Bias Frequency:	Twin VU Meters
Record-Level Indication:	4-Track Stereo/monaural Monaural
Recording System:	3 heads (erase, record, and playback)
Head Assembly	19" H x 17 1/2" W x 11 1/2" D 76 lbs
Dimensions & Weight	

114 5th Avenue, Redwood City, California 94063 • Telephone: (415) 365-2843



# TSI MDM-4 MIX-DOWN

## MONITOR

Now — A Professional Calibrated & Documented  
Mix Down Monitor at a Moderate Price

### PERFORMANCE SPECIFICATIONS

#### FREQUENCY RESPONSE

±3 dB 60Hz to 17kHz (4π Steradians, Free Field)

±5 dB 50Hz to 20kHz (4π Steradians, Free Field)

#### POWER REQUIREMENTS

10 watts for 97 dB per 1000 cubic feet of room volume

#### POWER HANDLING

30 watts continuous, 90 watts instantaneous below 1 kHz

15 watts continuous, 45 watts instantaneous above 1 kHz

#### DEMAGNETIZATION LEVEL

90 watt low frequency pulse will result in a permanent  
1 dB output reduction in the piston band of the bass drivers

#### SENSITIVITY

97 dB SPL at 1 meter with 8.9 volts RMS (10 watts)

#### DISTORTION

Less than 5% 2nd or 3rd harmonic, 50Hz to 20kHz

Typically less than 1% 100Hz to 20kHz

(94 dB SPL at 1 meter)

#### IMPEDANCE

8 ohms nominal, 6 ohms minimum

### DESIGN SPECIFICATIONS

#### SYSTEM TYPE

Dual woofer, 2-way sealed system

#### DRIVERS

Two 16 cm (6¼") Low Frequency

One 9 cm (3½") Mid-high Frequency

#### CROSSOVER

Equalizer Filter type at 1500Hz

#### ENCLOSURE VOLUME

27 Liters (.95 cubic feet)

#### ENCLOSURE DIMENSIONS

48 cm x 33 cm x 26.7 cm

19" x 13" x 10½"

#### ENCLOSURE FINISH

Rosewood, Walnut, White

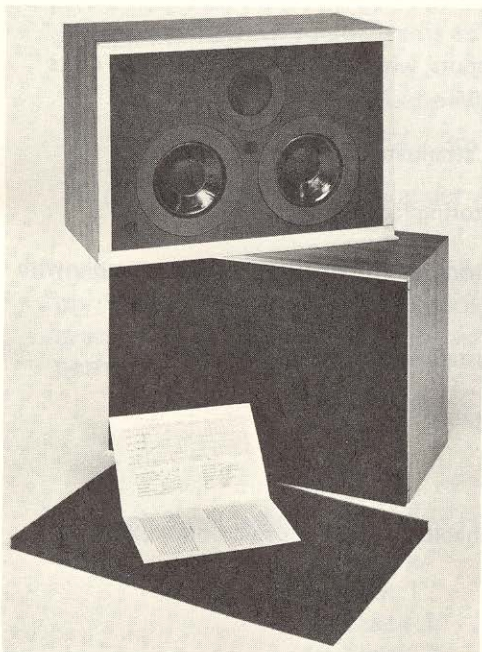
#### GRILLE

Reticulated poly-urethane

#### SYSTEM WEIGHT

8.6 kgm. net, 9.5 kgm. shipping

19 lb. net, 21 lb. shipping



Professionals expect precision in the alignment tapes, test records and electronic test instruments which are used to insure that their consoles, tape machines and associated electronic devices are capable of optimum performance. The MDM-4 MIX DOWN MONITOR is the first precision monitoring loudspeaker which is individually calibrated and documented for use by professionals.

A free field, anechoic frequency response curve is run using Bruel & Kjar acoustic measuring equipment. This frequency response curve is then packed with the particular MDM-4. This curve is calibrated against the internationally accepted sound pressure reference level standard.

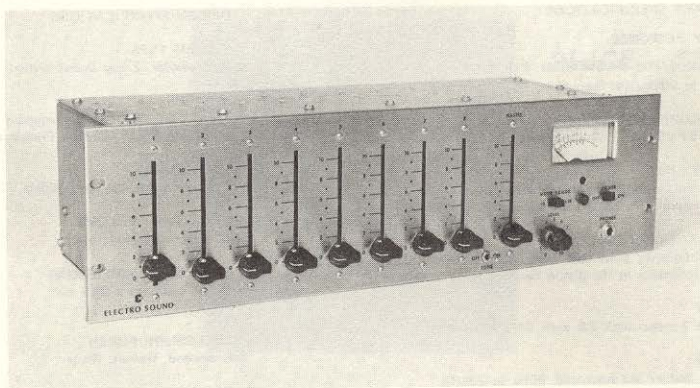
More complete documentation of individual MDM-4, MIX-DOWN MONITORS, including axial response, impedance curve, 2nd and 3rd harmonic distortion components at low level and high level and system resonance are available on special order for nominal extra cost.

# \$280.

NEW HOURS: Monday — Thursday 8:00 to 5:00 • Telex ASCO 34-8327



# MODEL 900 MIXER/AMPLIFIER



PRICE — \$495.00

- Controls and mixes eight inputs, with ability to connect two units together to provide 16 inputs.
- Professional quality sliding attenuators
- Both aural and visual monitoring facilities.
- Plug-in amplifier printed wiring boards, easily changed to comply with differing conditions
- Built-in tone generator to establish correct level
- Broad frequency response range
- Low noise level
- Built-in pads (-15dB) switchable in or out on microphone printed wiring boards

114 5th Avenue, Redwood City, California 94063 • Telephone: (415) 365-2843





# TAPE RECORDER SERVICE

REBUILD YOUR OLD TAPE RECORDERS TO MEET  
ORIGINAL MANUFACTURER SPECIFICATIONS

Ampex 350-351-AG440,

- Installing new ball bearings in reel idler
- Installing new ball bearings in all three motors
- Re-machining reel idler
- Replacing capstan pressure idler
- Replacing brake banks in both torque motors
- Replacing turntable pads
- Lapping all three heads
- Replacing glass tape guides
- Dismantling of tape transport and cleaning of all parts, including relay box
- Cleaning electronics assembly
- Complete alignment of mechanical and electronic assemblies.

Cost: **\$295.00** for Mono and 2-track

Replacement of major items as motors and heads not included.

## Precision Lapping of Audio Heads

AMPEX / 3m / MCI / Scully

### Three-head assembly — Price per Assembly

Includes the replacement of glass guides and refinishing of assembly cover. Note: All worn heads cannot be reconditioned. However, we will perform this service whenever head condition permits.

Full Track	<b>\$55.00</b>
½ Track	<b>\$55.00</b>
2 Track	<b>\$75.00</b>

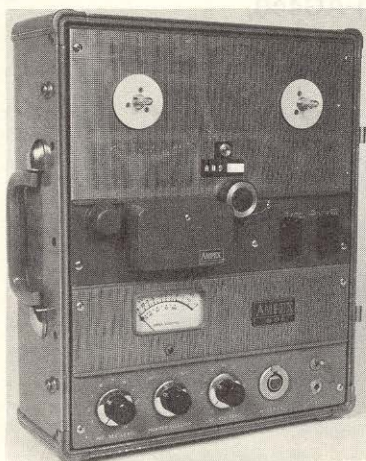
### Multi-channel heads — Price per Head

4 Track ½"	<b>\$ 40.00</b>
8 Track 1"	<b>\$ 80.00</b>
12 Track 1"	<b>\$120.00</b>
16 Track 2"	<b>\$160.00</b>

NEW HOURS: Monday — Thursday 8:00 to 5:00 • Telex ASCO 34-8327



# AMPEX 600 SERIES RECORDERS



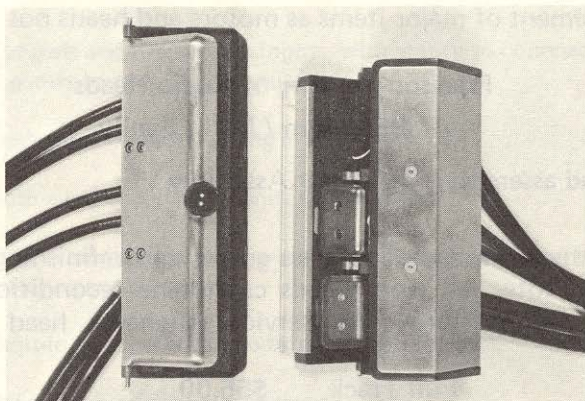
601	Full track	\$450
601	Half track	400
601-2	Two track	550
602	Full track	500
602	Half track	450
602	Two track	600

AG 600B-1	Full track	650
AG 600B	Half track	600
AG 600B	Two track	800

All units fully reconditioned with 90-day parts and labor warranty.

## WANTED!!

USED HEAD ASSEMBLIES (ANY CONDITION)



Reward: **\$50.00** trade in allowance on any purchase.

We also would like to list all of your excess equipment and parts in our next catalog. Please send complete description, condition and price. Immediate requirement for:

- EMT140 Reverb
- Neumann & Telefunken condensor mics
- Ampex 351 electronics



## ITEMS OF SPECIAL INTEREST

### NEUMANN VG 66 S DISC CUTTING AMP SYSTEM

Excellent Condition  
Less than 3 years old  
30-day warranty

2 systems available

Consist of the following components:

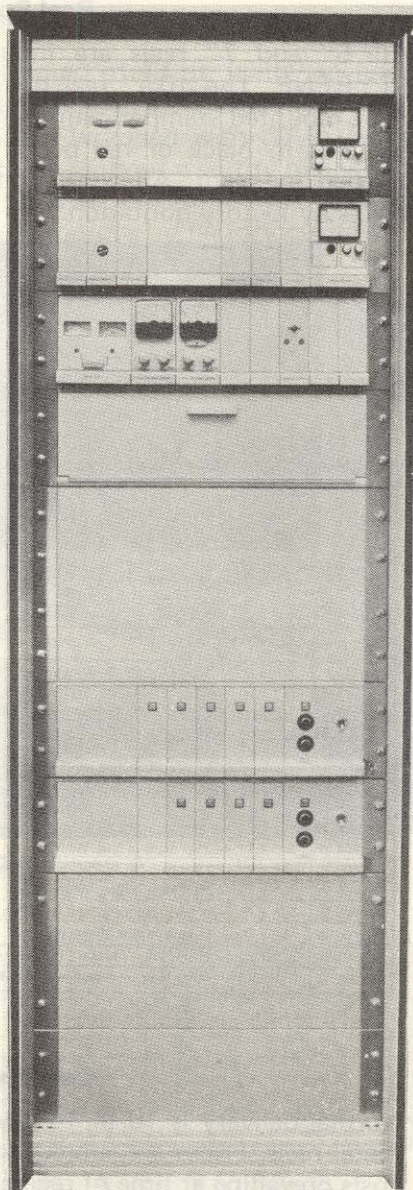
- 1 AR66S monitor control
- 2 HK 66 high frequency limiter
- 2 WV 66 playback preamp
- 2 SE 66 RIAA Equalizer
- 2 CE 66 Cutter Adjustment Module
- 2 GV 66 Feedback Amplifier
- 4 LV 66 Drive amplifier
- 2 SI 66 Circuit Breaker
- 1 NS 66 24 V Power Supply
- 6 NL 66 35 V Power Supply

The VG 66 S Amplifier Rack contains all the equipment which is necessary for operating feedback stereo disk cutter-heads. The manufacture of all modules in the system incorporates the latest silicon transistor technology and integrated circuitry. The modules are mounted on printed boards with front panels.

**PRICE — \$6,975.**

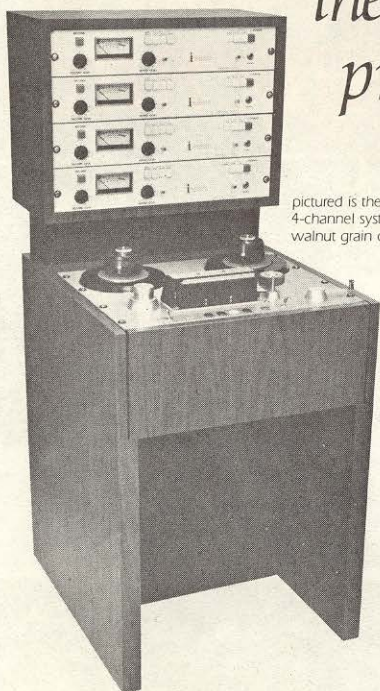
(Rack not included in price).

We will accept your old electronics in trade.



ASCO PRESENTS—

# *the sound combination for professionals who know what they want*



pictured is the ASCO/Inovonics 4-channel system in standard walnut grain console

A rugged transport of unchallenged accuracy...with today's professional features at an affordable price. Offered in a console system engineered with the

## THE TRANSPORT

The ASCO Model 2600 tape transport is custom-engineered to provide years of solid performance. It combines the reliability and ruggedness of current mechanical designs with the operating ease of advanced tape motion logic, creating a package with features and options found only in much more expensive units. The transport is designed for whisper-quiet operation and features plug-in PWAs (printed wire assemblies) for easy access and improved reliability. You pick the tape speeds, widths and reel sizes to suit.

ASCO's advanced control box with IC logic greatly simplifies all operations and intensifies execution precision. Electronic **motion sensing** lets you enter any mode from any other mode by pressing the desired button, and simultaneously disengages the capstan idler until tape motion stops.

**Constant holdback tension** eliminates capstan slippage to improve speed and timing accuracy. And because consistent head-to-tape contact is maintained, high frequency performance and head life are optimized. Starting disturbances are greatly reduced by employing **torque boost** on takeup and constant tension on holdback.

A superior **dynamic/mechanical braking system** allows any combination of reel sizes to be stopped during shuttle without tape spills. Recording automatically ceases prior to tape stop to



provide **pop-free bias turn-off**, and the record function can even be remotely deactivated **without stopping** the tape.

**Switch-selectable** tape tensioning allows you to change reel sizes without time-consuming readjustment, while the versatile edit feature lets you **spill tape** in play mode.

All transport functions can be remoted through the use of logic level pulses.

### Optional Features

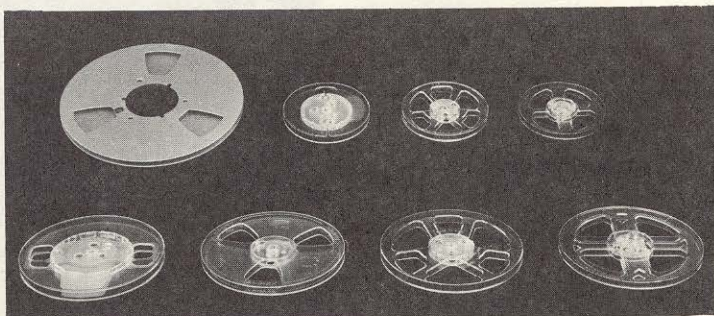
- 3-speed operation
- capstan motor stays off until play is entered
- special circuitry via edit button to defeat lifters at shuttle speed.
- constant tension take up
- constant torque holdback or takeup where tension is not required
- switch-selectable, dual-mount playback head stacks—an ASCO exclusive



# QUALITY PACKAGING FOR THE RECORDING INDUSTRY

## Reel Specifications

All 5" and 7" reels are industry standard injection molded GP STYRENE. The 10½" reel has a standard NAB hub with screw and rivet mounted stamped aluminum flanges. 5" and 7" reels are available also in black or red boxes as a standard item if requested and verified by plant. All configurations are available in custom printed boxes by factory quotation.



5", 7" and 10½" Reels

CAT. NO.	DESCRIPTION	NO. PER CASE	PRICE/QUANTITY		
			1-100	100-1000	1000 up
R 1503 X	¼" x 5" — 1¾" Hub/Bulk Packed w/o Box	250	.30	.25	.20
C 1503 W	¼" x 5" — 1¾" Hub in Std. White Box	174	.50	.40	.30
R 1504 X	¼" x 5" — 1¾" Hub/Bulk Packed w/o Box	282	.35	.30	.25
C 1504 W	¼" x 5" — 1¾" Hub in Std. White Box	174	.55	.45	.35
R 1505 X	¼" x 5" — 3" Hub/Bulk Packed w/o Box	282	.45	.40	.35
C 1505 W	¼" x 5" — 3" Hub in Std. White Box	174	.65	.55	.45
R 1703 X	¼" x 7" — 2¼" Hub/Bulk Packed w/o Box	200	.40	.35	.30
C 1703 W	¼" x 7" — 2¼" Hub in Std. White Box	180	.65	.55	.45
R 1704 X	¼" x 7" — 2¼" Hub/Bulk Packed w/o Box	200	.40	.35	.30
C 1704 W	¼" x 7" — 2¼" Hub in Std. White Box	180	.65	.55	.45
R 1705 X	¼" x 7" — 2¼" Hub/Bulk Packed w/o Box	200	.55	.50	.45
C 1705 W	¼" x 7" — 2¼" Hub in Std. White Box	180	.80	.70	.60
R 1706 X	¼" x 7" — 4" Hub/Bulk Packed w/o Box	184	.65	.60	.55
C 1706 W	¼" x 7" — 4" Hub in Std. White Box	180	.90	.80	.70
R 1001 X	¼" x 10½" NAB Hub — Metal Flange/w/o Box	50	2.75	2.50	2.25
C 1001 W	¼" x 10½" NAB Hub — Metal in Std. White Box	50	3.70	3.40	3.05

## Delivery and Terms

Normal delivery is 10 to 14 days for 5" and 7" plastic reels and 10½" metal reels. Prices are subject to change dependent upon raw material costs prevailing at time of receipt of order.

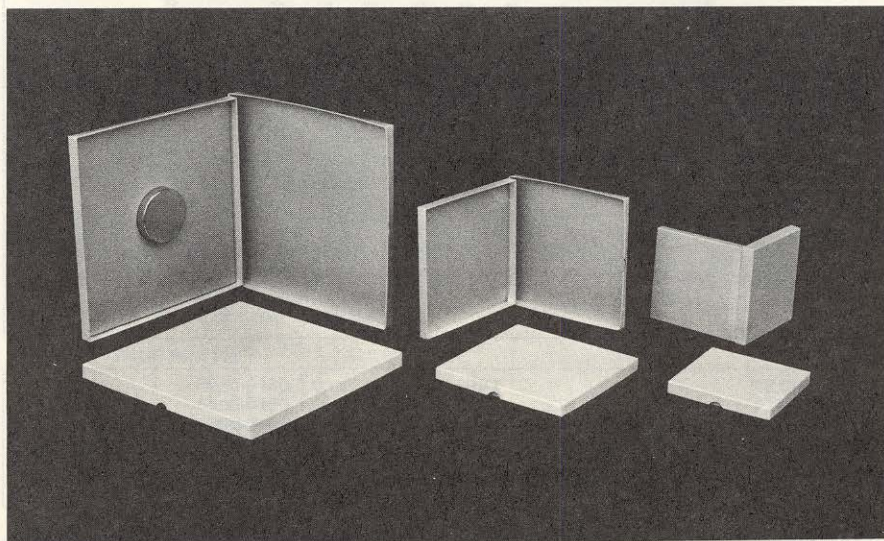
114 5th Avenue, Redwood City, California 94063 • Telephone: (415) 365-2843



# QUALITY PACKAGING FOR THE RECORDING INDUSTRY

## Package Specifications

The standard 5" or 7" box is constructed of 43 pt. white vat lined chipboard, wrapped with 60 lb. white litho paper. The standard 10½" box is 50 pt. white vat lined chipboard wrapped with 60 lb. white litho paper. This box is available with or without a sturdy metal hub and insert sized to fit standard 3" NAB or Precision reels. Custom printed wraps are available for all configurations by factory quote.



5" 7" and 10½" Boxes

CAT. NO.	DESCRIPTION	NO. PER CASE	PRICE/QUANTITY		
			1-100	100-1000	1000 up
B 1500 W	5" Box with White Wrap	174	.20	.15	.10
B 1500 B	5" Box with Black Wrap	174	.25	.20	.15
B 1500 R	5" Box with Red Wrap	174	.25	.20	.15
B 1700 W	7" Box with White Wrap	180	.25	.20	.15
B 1700 B	7" Box with Black Wrap	180	.30	.25	.20
B 1700 R	7" Box with Red Wrap	180	.30	.25	.20
B 1100 W	10½" Box with White Wrap	50	.95	.90	.80
B 1100 WN	10½" Box with White Wrap, No Hub	50	.90	.85	.75



# ASCO/AUDITRONICS

WE NOW OFFER YOU MIXING CONSOLES BY

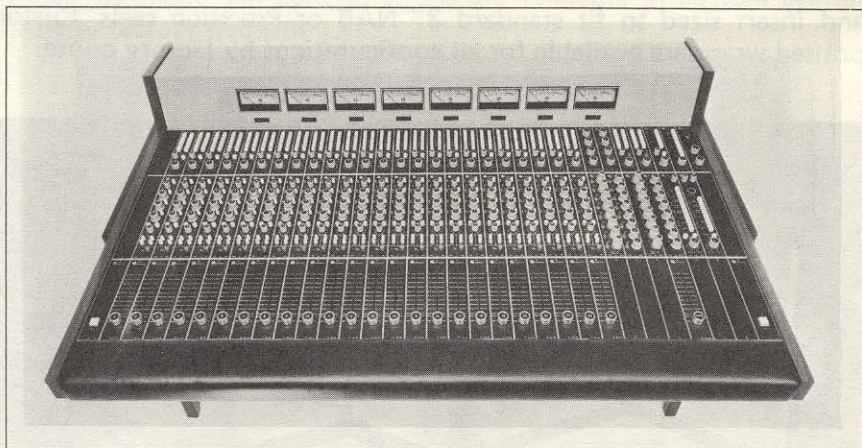


auditronics inc.

## "Grandson II" MODEL 110-8

RECORDING/REMIXING  
AUDIO CONTROL CONSOLE

TECHNICAL DATA



### APPLICATIONS

AUDIO RECORDING  
SOUND REINFORCEMENT  
RADIO BROADCASTING/PRODUCTION

TELEVISION BROADCASTING  
MOTION PICTURE RECORDING  
THEATRICAL EFFECTS SYSTEMS

**GRANDSON II**, Model 110-8, is a fully professional, complete 8 track recording console system which may be easily expanded to 16 track capability with plug-in modules. The long ignored requirement for an economical, professional 8 track console is finally met by this unit.

Second in the widely acclaimed 110 console series, **GRANDSON II** retains on-air capability associated with this console line. The main design objective, however, is maximum 8 & 16 channel recording flexibility with state of the art performance specifications. No compromise design provides all the features and functions essential to modern multi-track recording. Modification, pairing units and outboarding is not required.

PRICES START AT \$10,750

Years of professional recording experience is evident in system practicality. Every consideration has been given to requirements of human engineering and interface of the console as the heart of a working recording system. Capability and performance are equalled only by larger, more expensive consoles.

A large degree of customization is made possible by selection from a variety of plug-in modules. In addition, a number of easily field-altered console functions may be "programmed" by the use of jumper wires, thereby creating an incredibly broad choice of operating characteristics.

**PRICE, AS PICTURED, \$20,011.00**



# RECORDING TAPE, REELS & BOXES

## PACKAGING

¼" x 3"	Box with Printing	\$ .03
¼" x 3½"	Box with Printing	\$ .04
¼" x 5"	Box with Printing	\$ .05
¼" x 7"	Box — Scotch Brand	\$ .10
¼" x 10½"	Box — Scotch Brand	\$ .50
½" x 7"	Box — Plain, No Printing in White, Brown & Black	\$ .15

10% Discount for mixed quantity of 1,000 or more.

## CASSETTES

New Cassettes, New Tape — Discontinued products. Various printed labels. 20 minutes to 1 hour in length. Approximately 2,000 available at \$.20 each.

## REELS

10½" x 2" Precision Reel in Box — Reconditioned	@ \$5.00 each
10½" x 1" NAB Metal Reel in Box — New (RCA label on box & reel)	@ \$2.75 each
10½" x ½" NAB Metal Reel in Box — New (RCA label on box & reel)	@ \$2.50 each

## NEW ¼" TAPE

		Ctn.	Qty.	
Ampex	031 1.5 mil ¼ x 1200' 7"	50		\$ 1.20 reel
	041 1.0 mil ¼ x 1800' 7"	50		1.50 reel
	051 .5 mil ¼ x 2250' 7"	50		2.50 reel
	291 1.5 mil ¼ x 1200' 7" (back coated mastering)	48		2.40 reel
	392 1.0 mil ¼ x 1800' 7" (back coated mastering)	48		3.05 reel

## TAPE-WIDE WIDTH

RCA	6050-0130 1.0 mil ½ x 3600' 10½"	5		12.00 reel
	6050-0133 1.0 mil ½ x 7200' 14"	5		22.00 reel
	6050-0139 1.0 mil 1 x 3600' 10½"	5		20.00 reel
	10MN-3600			
	H-1 1.0 mil 1 x 3600' HUB	5		12.00 reel
	10MN-3600			
	H-2 1.0 mil 2 x 3600' 10½"	2		30.00 reel

## TAPE-CASSETTE DUPLICATION

C60	.150	1800'	48	.50 reel
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## TAPE-MISC. USED

641 ¼ x 350' 3½" Reel	100	.15 reel
641 ¼ x 300' 3" Reel	120	.10 reel
031 1.5 mil ¼ x 1200' 7"	50	.80 reel
031 1.5 mil ¼ x 600' 5"	100	.30 reel
051 .5 mil		

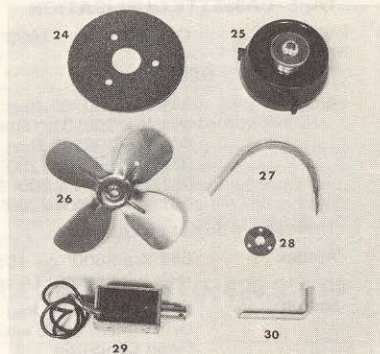
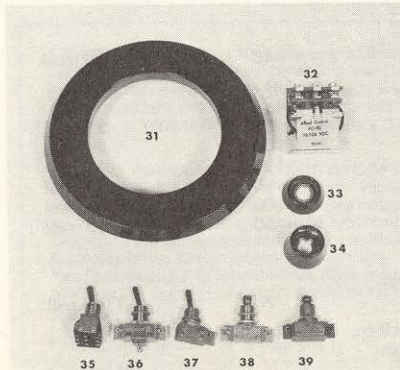
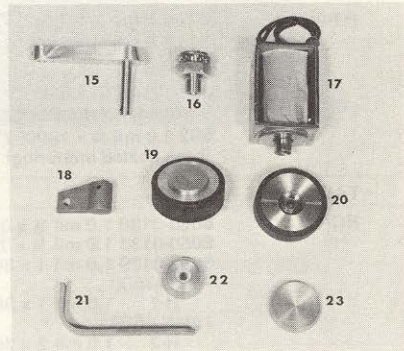
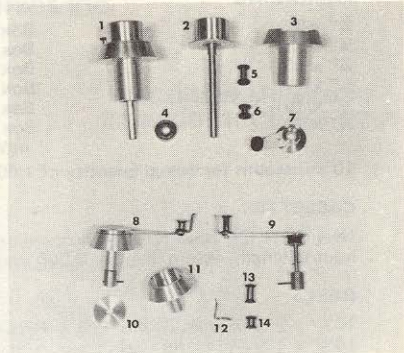




# ACCURATE SOUND CORP.

## Replacement Parts and Accessories For Ampex Equipment

1. Idler reel assembly	4040407-15	\$ 210.00
2. Pullery assembly	4040408-50	56.00
3. Idler reel housing	4290272-10	40.00
4. Reel idler bearing	38KDD, 421-116	7.90
5. Idler reel assm. tape guide 1/2"	4210188-10	6.00
6. Idler reel assm. tape guide 3/4"	4210188-20	5.30
7. Idler reel arm sub. assm.	100034	35.00
8. Take up tension arm assm.	4030111-60	94.00
9. Take up tension arm sub assm.	100064	48.00
10. Take up tension arm cap	4250193-10	5.50
11. Take up tension arm base	4330104-30	22.00
12. Take guide hook	4230158-10	2.50
13. Take up guide 1/2"	4210183-10	4.80
14. Take up guide 3/4"	4210183-20	5.80
15. Capstan idler arm	4330106-10	29.00
16. Cap. idler arm bushing assm.	4200122-10	5.20
17. Capstan solenoid	4590022-01	11.00
18. Solenoid arm	4230160-10	8.40
19. Capstan idler assembly	4030279-22	39.00
20. Capstan idler	4250198-02	21.00
21. Capstan solenoid stop	4220139-20	2.60
22. Capstan dust cap assm.	4040406-20	7.10
23. Capstan idler cap	4100129-10	6.30
24. Turntable pad	4130105-20	1.00
25. VIF hold down knobs NAB ctr.	1000	13.50
26. Fan: 351 capstan motor	591-001	.95
27. Brake Bank (Raybestos)	4040414-10	8.40
28. Plate, turntable drive EIA	4320128-10	10.00
29. Solenoid, Brake 351	4590021-01	7.10
30. Brake solenoid stop	4260184-10	2.70
31. Reel guard	4110172-10	12.00
32. Trans. control box relay	020-006	43.00
33. Pushbutton guard	4100124-10	3.50
34. Pushbutton guard 7/8"	4100132-10	2.40
35. Tripe ple sw. micro	GAT 10	22.50
36. Double pole speed switch	120-004	4.40
37. Reel size switch	120-005	1.70
38. Stop switch	120-014	2.50
39. Play FF rewind switch	120-013	2.50
40. Bias Amp card	4050433	120.00





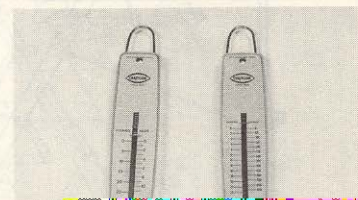
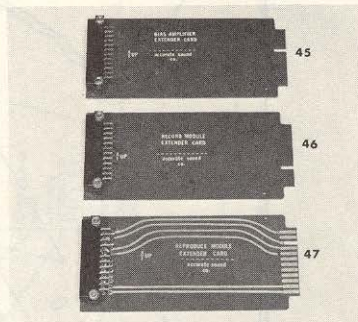
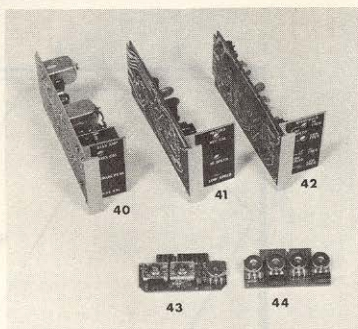
# ACCURATE SOUND CORP.

## Replacement Parts and Accessories For Ampex Equipment

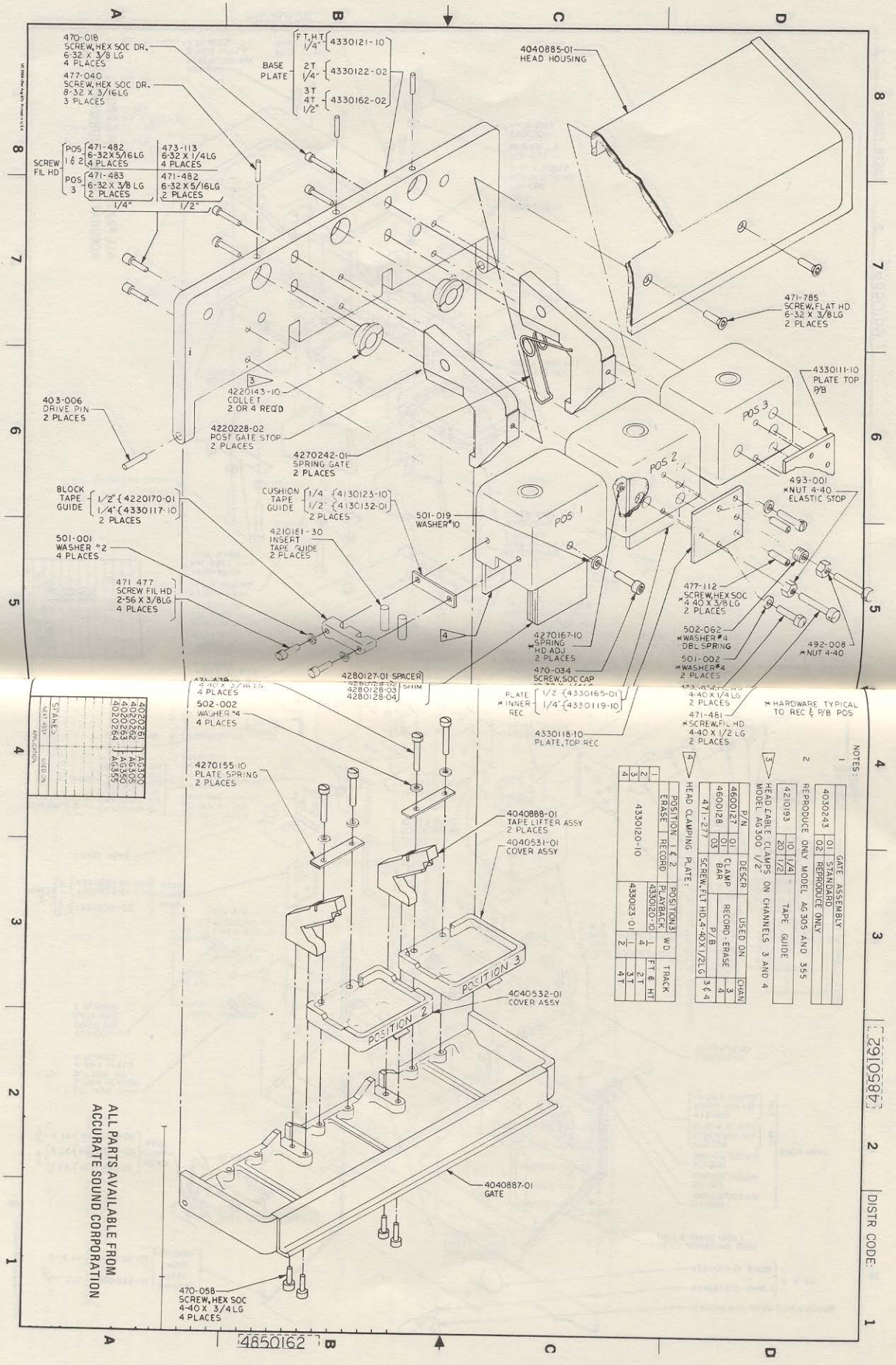
41. Record card	4050434	125.00
42. Reproduce card	4050435	210.00
43. Record EQ card (specify sp.)	4020269	40.00
44. Reproduce EQ card (spec. sp.)	4020270	40.00
45. Bias amp extender	4020153	20.00
46. Record Extender card	4020152	20.00
47. Reproduce Extender card	4020151	20.00
48. Capstan Pressure Scale	L-25	7.00
49. Reel Tension Scale	L-24	8.00
50. Transport Rear View	351	1050.00
51. Transport Front View	351	
52. Console, Walnut Formula	One Ch.	325.00
53. Console, Walnut Formula	Two Ch.	335.00
54. Console, Walnut Formula	Four Ch.	350.00
55. Console, Walnut Formula	Eight Ch.	450.00



51







- 470-018 SCREW, HEX SOC DR. 6-32 X 3/8 LG 4 PLACES
- 477-040 SCREW, HEX SOC DR. 8-32 X 3/16 LG 3 PLACES
- 471-482 6-32 X 5/16 LG 16 2 PLACES
- 471-483 6-32 X 3/8 LG 3 2 PLACES
- 473-113 6-32 X 1/4 LG 4 PLACES
- 471-482 6-32 X 5/16 LG 2 PLACES

- F.T.H.T. 1/4" { 4330121-10
- BASE PLATE 2T 1/4" { 4330122-02
- 3T 4T 1/2" { 4330162-02

403-006 DRIVE PIN 2 PLACES

BLOCK TAPE GUIDE { 1/2" { 4220170-01 2 PLACES  
1/4" { 4330117-01 2 PLACES

501-001 WASHER \*2 4 PLACES

471-477 SCREW, FIL HD 2-56 X 3/8 LG 4 PLACES

CUSHION TAPE GUIDE { 1/4" { 4130123-10 2 PLACES  
1/2" { 4130132-01 2 PLACES

42101E1-30 INSERT TAPE GUIDE 2 PLACES

4280127-01 SPACER { 4280127-01 SHIM 2 PLACES  
4280128-03 4280128-04

PLATE { 1/2" { 4330165-01 2 PLACES  
\* INNER REC 1/4" { 4330119-10

4330118-10 PLATE, TOP REC

471-461 SCREW, FIL HD 4-40 X 1/2 LG 2 PLACES

\* HARDWARE TYPICAL TO REC & P/B POS

STAPLES	QUANTITY	UNIT
4020061	43300	
4020062	43300	
4020063	43300	
4020064	43355	

4270155-10 PLATE SPRING 2 PLACES

4040888-01 TAPE LIFTER ASSY 2 PLACES

4040531-01 COVER ASSY

4040532-01 COVER ASSY

4040887-01 GATE

470-058 SCREW, HEX SOC 4-40 X 3/4 LG 4 PLACES

NOTES:

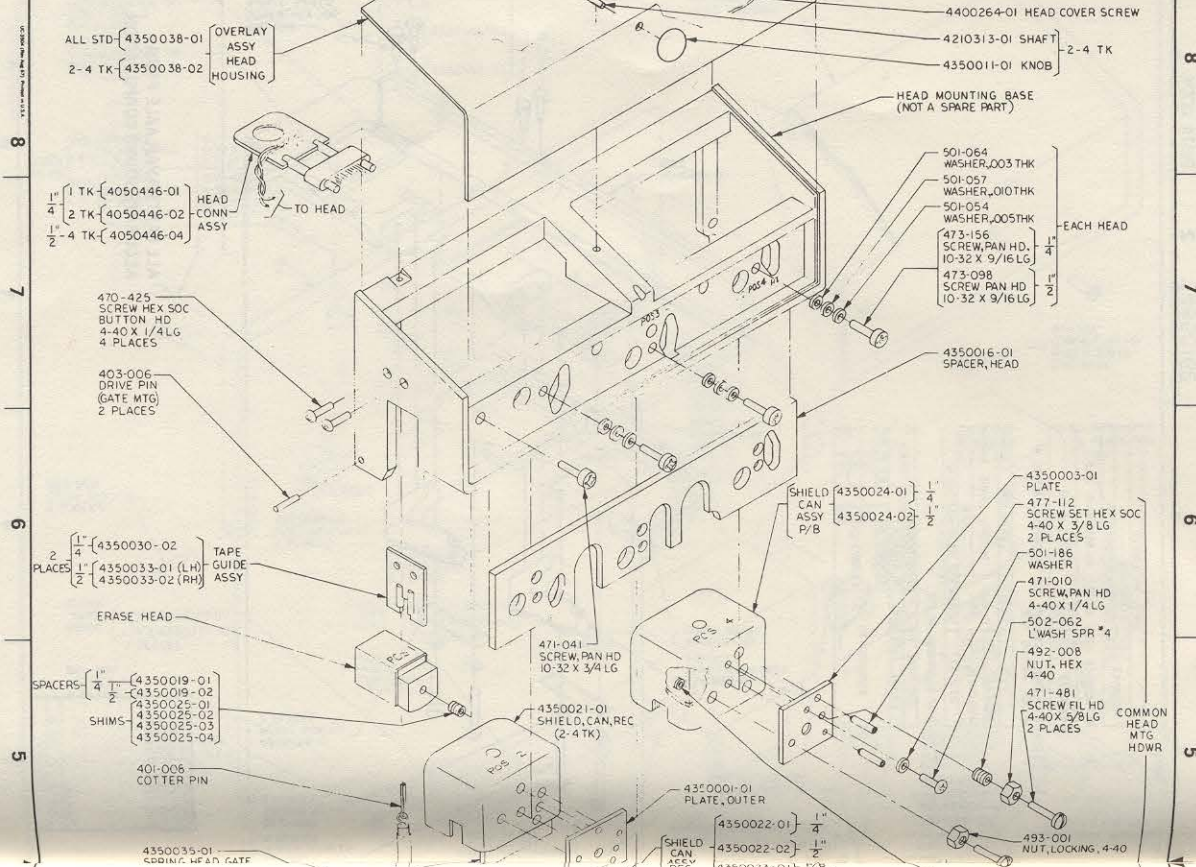
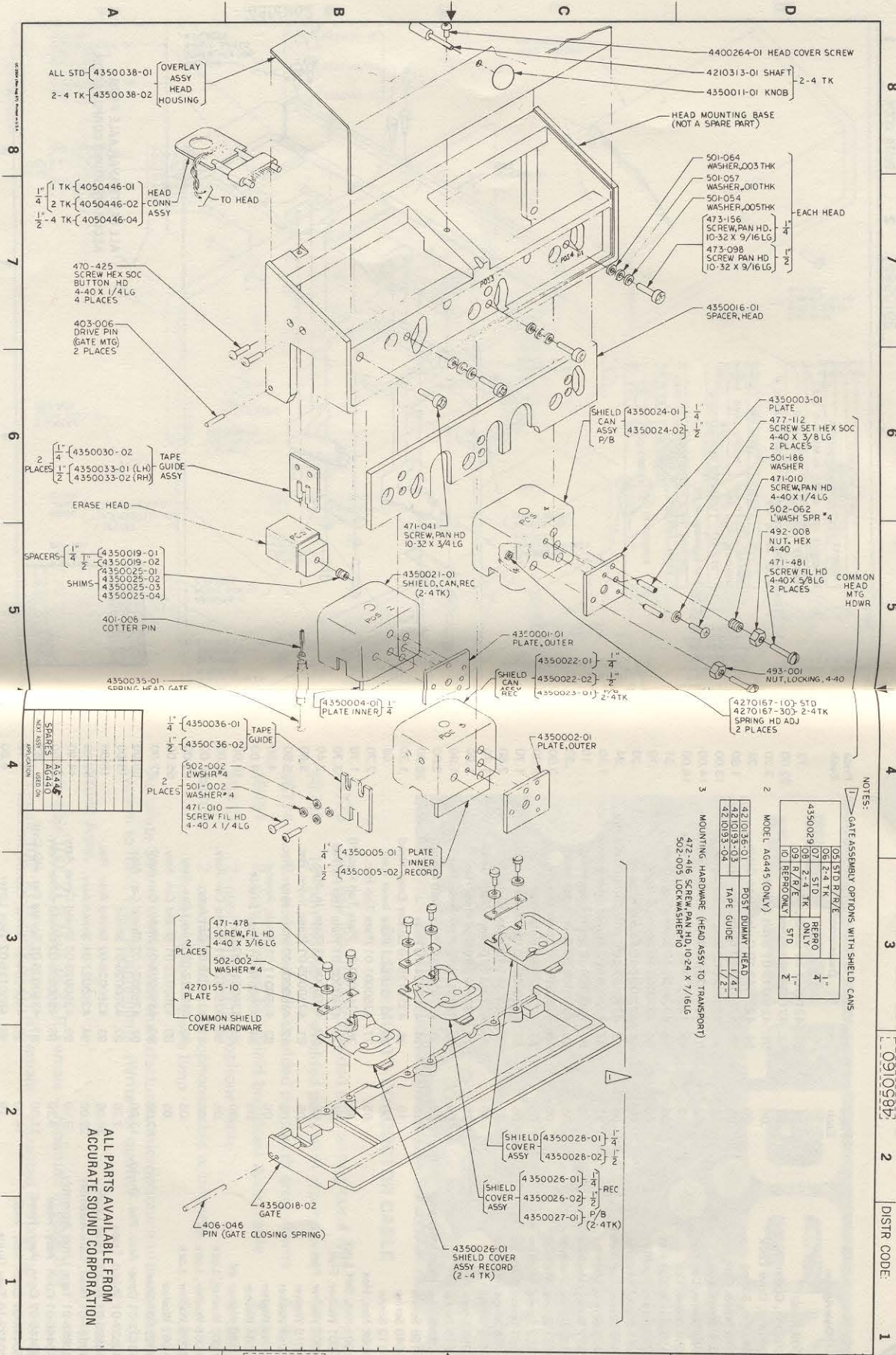
- GATE ASSEMBLY
- STANDARD
- REPRODUCE ONLY
- REPRODUCE ONLY MODEL AG 305 AND 355
- HEAD CABLE CLAMPS ON CHANNELS 3 AND 4
- MODEL AG 300 1/2"
- HEAD CLAMPING PLATE:

P/N	DESCR	USED ON	CHAN
4600127	01 CLAMP	RECORD - ERASE	3
4600128	01 ERASE	P/B	4
471-217	SCREW, FIL HD, 4-40 X 1/2 LG		3 & 4

POSITION 1 & 2	POSITION 3	W/D	TRACK
ERASE	RECORD	4330120-10	1
			2T
			3T
			4T

ALL PARTS AVAILABLE FROM ACCURATE SOUND CORPORATION





SPARE PARTS	QTY	DESCRIPTION
4350035-01	1	COBBING, HEAD, GATE
4350036-01	1	TAPE GUIDE
4350036-02	1	TAPE GUIDE
502-002	4	L'WASH *4
501-002	4	WASHER *4
471-010	1	SCREW, FIL HD, 4-40 X 1/4 LG

NOTES:  
1 GATE ASSEMBLY OPTIONS WITH SHIELD CANS

MODEL	AG445 (ONLY)
4210313-01	POST DUMMY HEAD
4210313-02	TAPE GUIDE
4210313-03	TAPE GUIDE
4210313-04	TAPE GUIDE

MODEL	AG445 (ONLY)
4350029-01	STD
4350029-02	2-4 TK
4350029-03	2-4 TK ONLY
4350029-04	STD
4350029-05	STD
4350029-06	STD

3 MOUNTING HARDWARE (HEAD ASSY TO TRANSPORT)  
472-416 SCREW, PAN HD, 10-24 X 7/16 LG  
502-005 LOCKWASHER 10

091099Z 2 DISTR CODE: 1



# AMPEX 300, AG 300 &

## 440 SERIES HEAD PARTS

Item #	Description	Price Each	Item #	Description	Price Each
1.	230-009 Knob	.14	51.	4210181-30 Guide, Glass	.19
2.	401-008 Pin, Cotter	.05	52.	4210191-10 Guide	22.00
3.	403-006 Pin, Drive Lock	.05	53.	4210313-01 Shaft Switch	3.20
4.	406-046 Pin, Spring	.05	54.	4220143-10 Collar Head Cable	.23
5.	470-018 Screw, Cap	.05	55.	4220170-10 Block Tape Guide	1.80
6.	470-034 Screw, Cap	.11	56.	4220228-02 Stop Head Gate	13.00
7.	470-058 Screw, Cap	.08	57.	4260178-01 Bracket Tape Guide LH	14.00
8.	470-059 Screw, Cap	.10	58.	4260179-01 Bracket Tape Guide	14.00
9.	470-425 Screw, Cap Hex	.05	59.	4270155-10 Spring Rec. Cover	.51
10.	471-010 Screw, Machine	.05	60.	4270166-10 Spring Gate	.19
11.	471-041 Screw, Machine	.09	61.	4270167-10 Spring Head	.20
12.	471-466 Screw, Flat Head	.05	62.	4270167-30 2-4Tk Spring Head Adj.	.84
13.	471-475 Screw, Machine	.13	63.	4270242-02 Spring detent, Head Gate	1.30
14.	471-475 Screw, Machine	.13			



# BELDEN MULTI-CONDUCTOR CABLE







# ASCO PRODUCT LINES

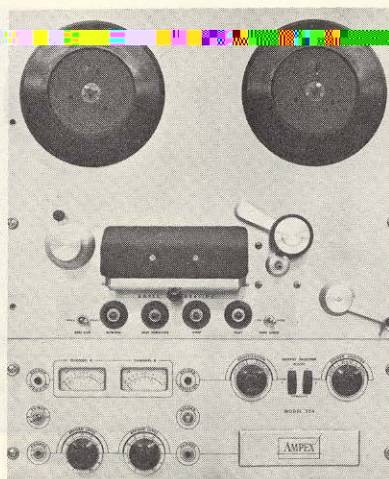
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Accurate Sound Corporation ca

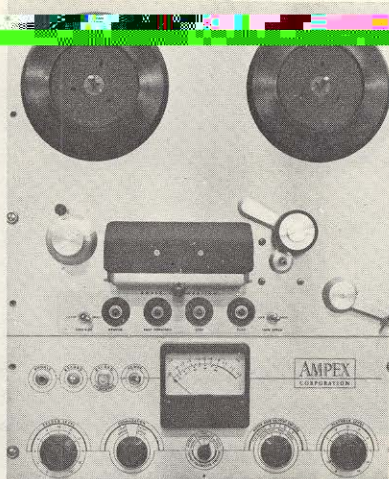


# 351/VACUUM TUBE ELECTRONICS

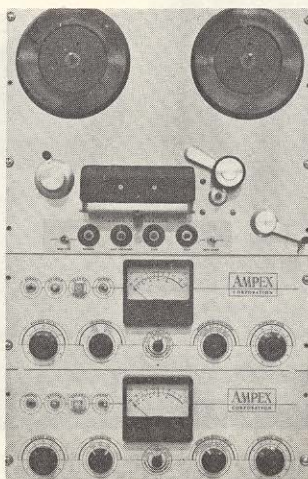
MODEL 351 LOGGING  
TAPE RECORDING SYSTEM



**354 stereo unmounted**  
Completely reconditioned; 90-day parts  
and labor warranty — \$1495.00



**351 full track unmounted**  
Completely reconditioned; 90-day parts  
and labor warranty — \$1295.00



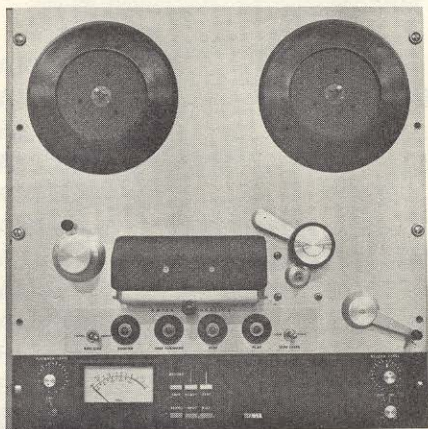
**351-2 stereo unmounted**



**AG350-1 full track unmounted**



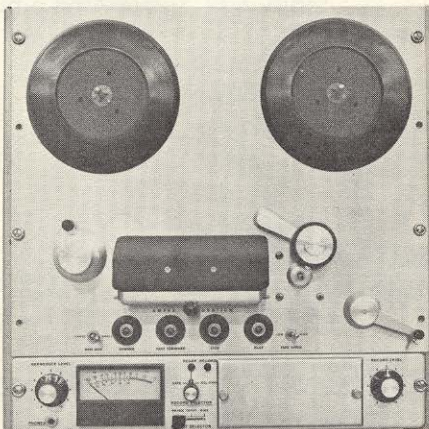
## ITEMS OF SPECIAL INTEREST



**351/MCI Full Track, Unmounted**  
New Electronics. Reconditioned TX  
90-days parts and labor warranty.

Mono \_\_\_\_\_ \$1995.00

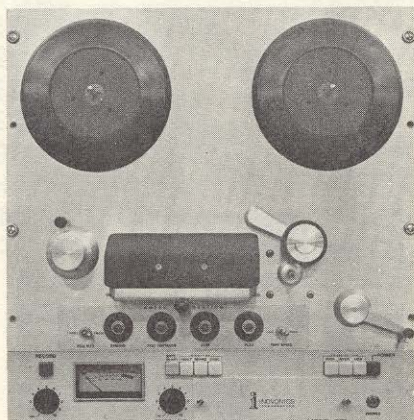
Stereo \_\_\_\_\_ \$2595.00



**351/440 Full Track, Unmounted**  
New Electronics. Reconditioned TX  
90-days parts and labor warranty.

Mono \_\_\_\_\_ \$1995.00

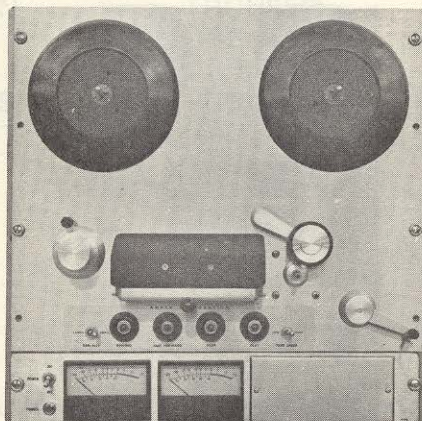
Stereo \_\_\_\_\_ \$2595.00



**351/Inovonics 375, Unmounted**  
New Electronics. Reconditioned TX  
90-days parts and labor warranty.

Mono \_\_\_\_\_ \$1895.00

Stereo \_\_\_\_\_ \$2795.00



**351/445**  
New ASCO 445 Play Only 2-Channel  
Electronics. Reconditioned TX. 90-days  
90-days parts and labor warranty.

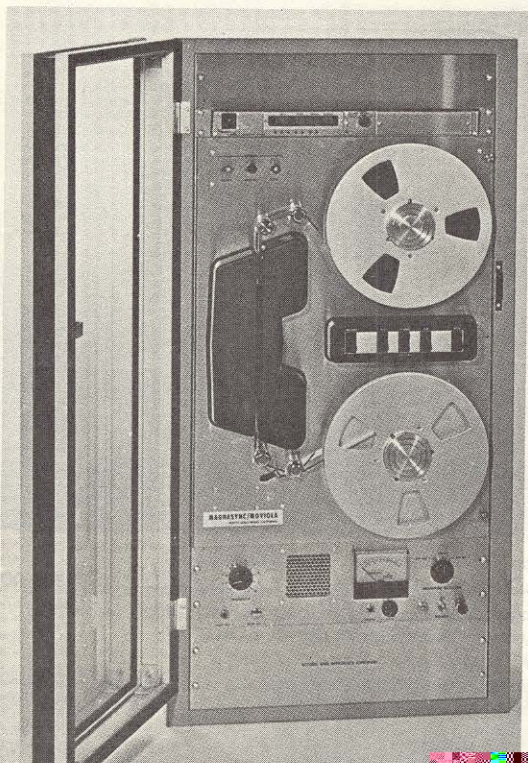
with meters \_\_\_\_\_ \$1645.00

without meters \_\_\_\_\_ \$1595.00



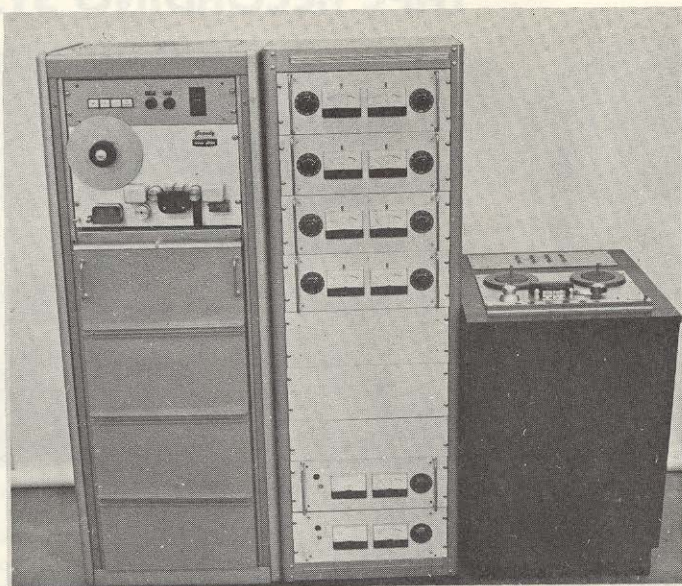
**MAGNASYNC/MOVIOLA**

**MODEL 1710 LOGGING  
TAPE RECORDING SYSTEM**





# 8-CHANNEL DUPLICATING SYSTEM



- 1 each Grandy 1" Loop Bin Master in 19" Rack with all control circuits, heads, tape bin, etc. \_\_\_\_\_ \$3800.00
- 1 each Custom 8-Channel solid-state Record/Reproduce Electronics Bay with Power Supply and Bias Osc. Amplifier in 19" Rack. System features plug-in electronic modules. \_\_\_\_\_ \$1000.00
- 3 each Slaves — 351TX modified for 15-30 ips with Arvin 8-Channel 1/4" Record Heads. Mounted in wood console @ \$1800.00 each \_\_\_\_\_ \$5400.00

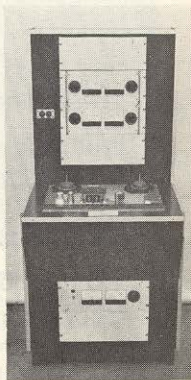
\$10,200.00

System Discount —2,200.00

**Total Price \$8,000.00**

Additional Slaves available @ \$1800.00 each.

This same system is also available in 4-track cassette format at same price.

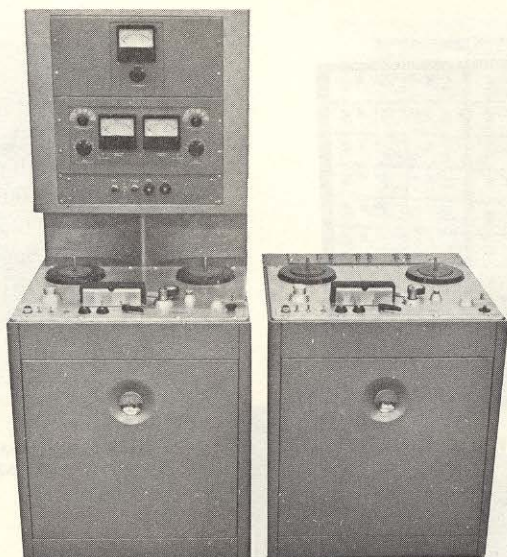


8-Channel 1" Master Maker for 8-track Duplicating System \_\_\_\_\_ \$2000.00



# AMPEX 3200

## DUPLICATING SYSTEM



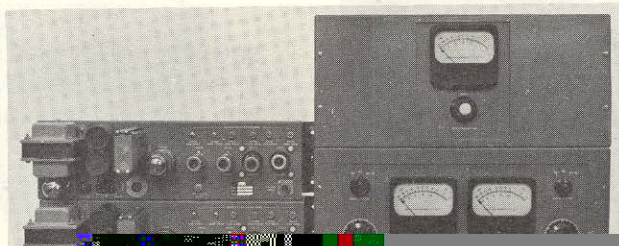
**Ampex 3200 Duplicating System-Master & 1 Slave**

Completely reconditioned to meet factory specs.

Most current of 3200 Series.

90-days parts & labor warranty \_\_\_\_\_ **\$3800.00**

Additional slaves available \_\_\_\_\_ **\$1600.00** each



# SPECIFICATIONS



shown is the ASCO/MCI  
2-channel system in standard  
console

## ASCO 2600 Tape Transport

- Tape Width** 1/4-inch to 1/2-inch standard (up to 2-inch available on special order).
- Tape Speeds** 3-3/4 & 7-1/2 ips or 7-1/2 & 15 ips standard; 3-3/4, 7-1/2, 15 ips optional (higher and lower speeds available on special order)
- Reel Size** 5-inch, 7-inch, 10-1/2-inch EIA or NAB (expanded versions can accommodate up to 14-inch reels)

## MCI JH5 Electronics

- Frequency response  $\pm 2\text{dB}$  30 Hz to 18 kHz @ 15 ips
- Signal-to-noise (Broad band, 8 track, 1-inch tape)
- Reproduce (10 mhy head) 62dB below +4dBm
- Sync (5 mhy head) 60dB below +4dBm
- Record and Erase: Noise increase over raw tape does not exceed 3dB.

## Inovonics 375 Electronics

- Freq. Response: 15 ips  $\pm 2\text{dB}$  20-20kHz  
7-1/2 ips  $\pm 2\text{dB}$  20-15kHz  
3-3/4 ips  $\pm 3\text{dB}$  20-8kHz
- Signal-to-Noise Ratio (in dB):
- |                | U*WTD | WTD |
|----------------|-------|-----|
| Overall 15 ips | -67   | -76 |
|                | -69   | -77 |
|                | -66   | -74 |

## ASCO 445 Electronics

- Outputs.** Line Output: 600 Ohm balanced or unbalanced with nominal output level of +4dBm (+8dBm optional). Headphone: Front panel jack provides unbalanced output. Headphone impedance greater than 1000 Ohms.
- Equalization.** 2 EQ settings switched by front access switch. EQ selection can be wired to transport speed switch if desired.
- Electronics.** All solid state. Plug in printed circuit boards for reproduce amplifiers and power supply regulator.
- Frequency Response.** 15 ips NAB  $\pm 2\text{dB}$ , 30 Hz to 18,000 Hz  
7-1/2 ips NAB  $\pm 2\text{dB}$ , 40 Hz to 15,000 Hz  
3-3/4 ips NAB  $\pm 2\text{dB}$ , 50 Hz to 7,500 Hz

- Flutter and WOW** 15 ips maximum 0.08% RMS  
7-1/2 ips maximum 0.1% RMS  
3-3/4 ips maximum 0.15% RMS
- Start Time** Attains speed in 0.1 second, stable tape motion within 3.0 seconds
- Speed Accuracy** Within  $\pm 0.2\%$
- Control Functions** Stop, Play, Fast Forward, Rewind, Edit, Record, Reel Size, Tape Speed, Power. All motion functions and record are remotable
- Power Requirement** 105-125 VAC 60 Hz (50 Hz available on special order)
- Standard Versions**
- |            |  |
|------------|--|
| AS-2600-01 | Constant Tension Holdback<br>Constant Torque Takeup  |
| AS-2600-03 | Constant Torque Holdback<br>Constant Torque Takeup   |
| AS-2600-02 | Constant Tension Holdback<br>Constant Tension Takeup |
- Note: Customer specifies speed and tape width requirements.

- Input 50k Ohm Unbalanced
- Output 600 Ohm Balanced
- Output capability +24dBm
- Meter calibration 0 VU @ +4dBm
- Distortion (record) 1.25% or less @ 0 VU 1 kHz

- Input Sensitivity: -20 to +8dB
- Impedance: 10k unbalanced
- Output:  
Feeds 600 ohm line, balanced or unbalanced, terminated or not, at +4 or +8dB.

Signal to Noise Ratio. measured from nominal output level (+4dBm) to unweighted noise.

15 ips	NAB	60dB
7-1/2 ips	NAB	60dB
3-3/4 ips	NAB	56dB

Using standard reference fluxivity  
200nWb/m

Power Requirements: 117 VAC 50/60 Hz @ 0.5 amps (plus transport)

Size and Shipping Weight. size: 3-1/2" high x 19" wide x 8-1/2" deep  
weight: 16 lbs.

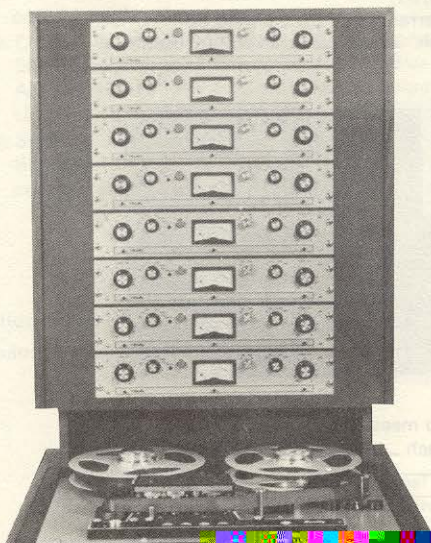


# SCULLY MULTI-CHANNEL

## RECORDERS



**SCULLY MODEL 280 16-Channel  
2" Recorder** with remote control  
and sync. Completely reconditioned  
with spare play head stack, record  
and reproduce boards. 90-day parts  
and warranty — **\$14,500**



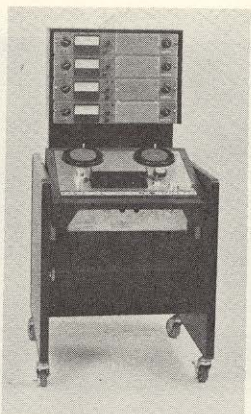
**SCULLY MODEL 284 8-Channel  
1" Recorder**, completely reconditioned  
with spare head stacks and cards.

— **\$ 7,800.**

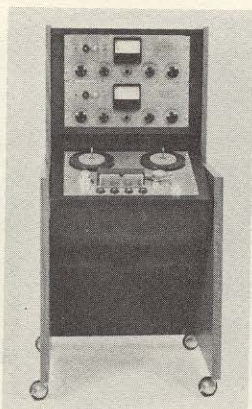




# MULTI-CHANNEL TAPE RECORDERS



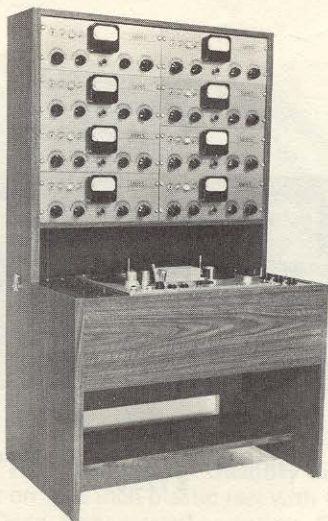
**Four Track AMPEX AG 440B**  
in console — \$4200



**Two Track AMPEX 351** 7.5/15 ips. Fully  
reconditioned to meet new specs. 90-day  
parts warranty. #351-2 — \$1450. Walnut  
Formica Console. — \$325.



**3M Model M56**  
\$15,950.00  
16 track 2", completely  
reconditioned with spares.

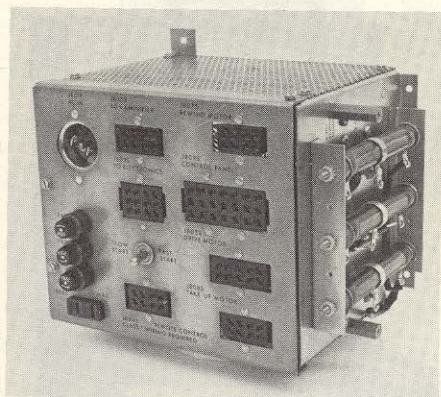


**AMPEX 300-8 SSC**  
\$4,900.00  
1", 8-channel with selsync,  
reconditioned 90-day parts  
and labor warranty.

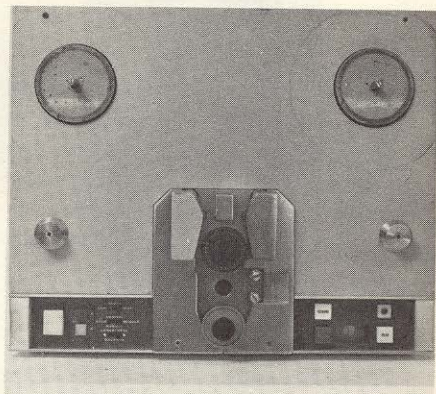
**NEW HOURS: Monday — Thursday 8:00 to 5:00 • Telex ASCO 34-8327**



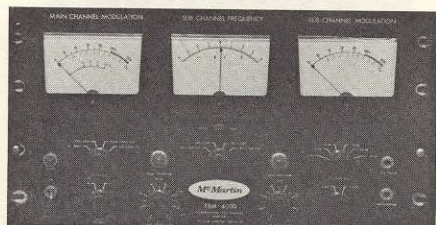
## ITEMS OF SPECIAL INTEREST



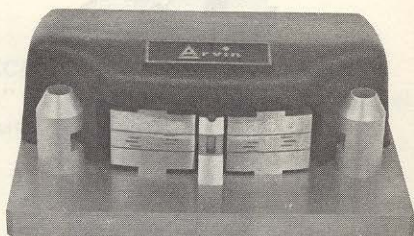
**AMPEX AG300TX Control Box**  
New 50 Available @ \$ 50.00 each.



**3M Model 2300TX**  
Presently equipped with .150 guides but  
can be equipped with ¼" or ½" guides.  
\$1500.00



**McMARTIN TBM 4000 SCA Monitor —**  
\$ 125.00

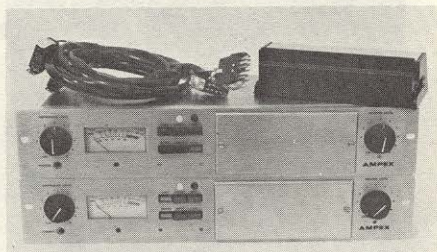


**ARVIN 8-Channel Record Duplicating  
Head Assembly Like New — \$ 400.00**





## ITEMS OF SPECIAL INTEREST



### AMPEX AG440C Conversion Kit

CONVERT YOUR 2-TRACK TO 4-TRACK

2 ea AG440C Amplifiers @ \$700. ea **\$1400.**

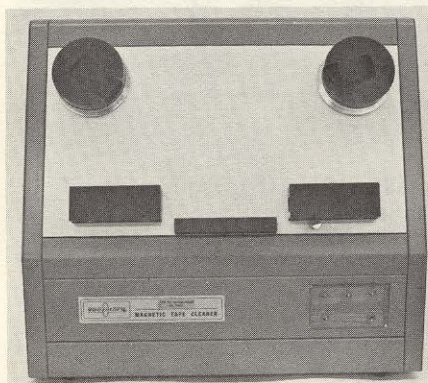
2 ea Interconnect Cables @ \$ 50. ea **\$ 100.**

1 ea AG440C 4-tk 1/2" Head Assy. **\$ 780.**

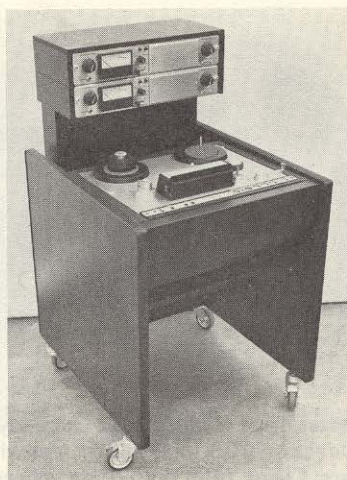
**\$2280.**

System Discount **-480.**

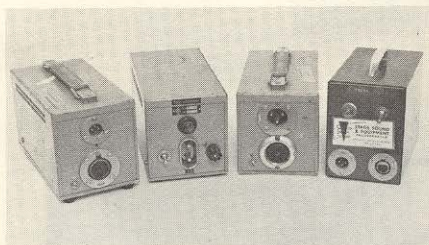
**TOTAL \$1800.**



Vac-U-Torq 1/2" Magnetic Tape Cleaner - \$400.



AMPEX AG440B in console. 2-track stereo with extra switchable 1/4-track playhead. Completely reconditioned to meet factory spec. 90-day parts & labor warranty - \$3200.



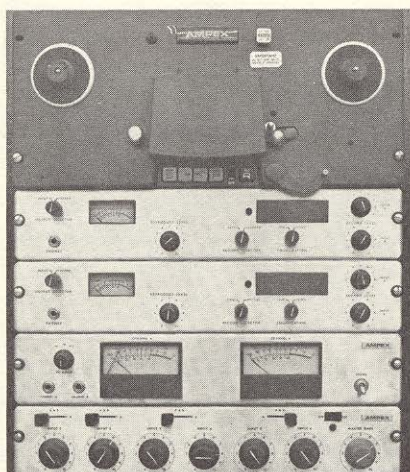
Neumann U47 & U67 and Omega P/S

Your Choice - \$100.00 ea

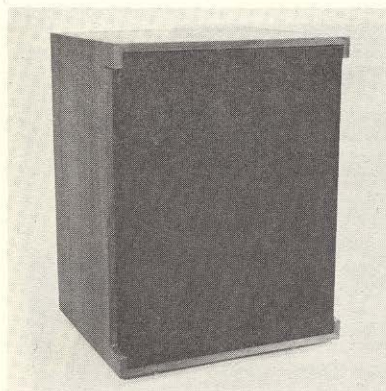
114 5th Avenue, Redwood City, California 94063 • Telephone: (415) 365-2843



## ITEMS OF SPECIAL INTEREST



- AMPEX AG500-2 2-track stereo**  
7.5/15 IPS New Demo \_\_\_\_\_ \$1200.00  
Ampex AM10 Mixer 6-in  
Stereo Out \_\_\_\_\_ \$ 400.00  
Ampex AM10 Meter Panel  
Stereo \_\_\_\_\_ \$ 100.00



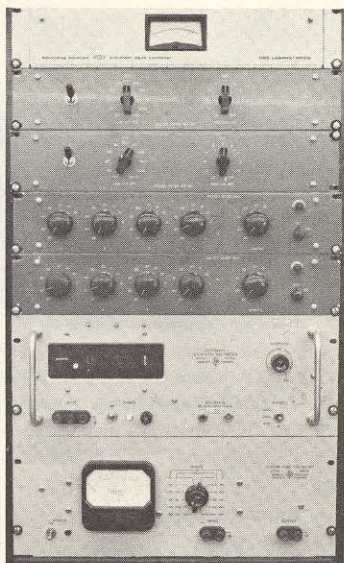
### JBL Speaker System

Equivalent to Model 4333A-WX which sell for \$915.00 each. Speakers custom built to JBL plans & specs.  
2 each @ \$450.00 — \$900.00

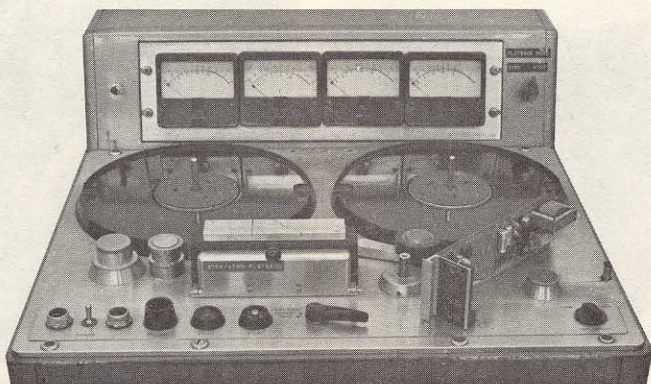
**NEW HOURS: Monday — Thursday 8:00 to 5:00 • Telex ASCO 34-8327**



## ITEMS OF SPECIAL INTEREST



1. CBS Model 420 Peak Limiter \$200.
2. Pultec HLF-3C Filter, 2 ea \$100. ea
3. Pultex MA-4 Mixer, 2 ea \$150. ea
4. H.P. Model 405CR DC Digital Voltmeter \$100.
5. H.P. Model 400DR VTVM \$150.



### **AMPEX 300 3Tk/4Tk Switchable Playback Only.**

Uses 7 Ampex Solid State Play Amps in 19" Card Bay with Power Supply. Can be converted to 8-channel play only or any combination. — \$1200.00



# ITEMS OF SPECIAL INTEREST

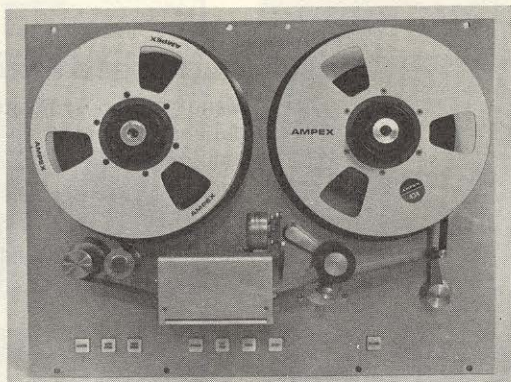
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CARTRIDGE CORPORATION



## ITEMS OF SPECIAL INTEREST



**AMPEX FR1100 Tape Transport** modified for 2" tape. Direct Drive Beau Motor. Available in 7½/15 or 15/30 ips. With IEM 2" Head Assembly and Automatic Lifter. As Shown — **\$2300**. Transport Only — **\$1950**. 8, 16 and 24 track head stacks available. Write for Quote.



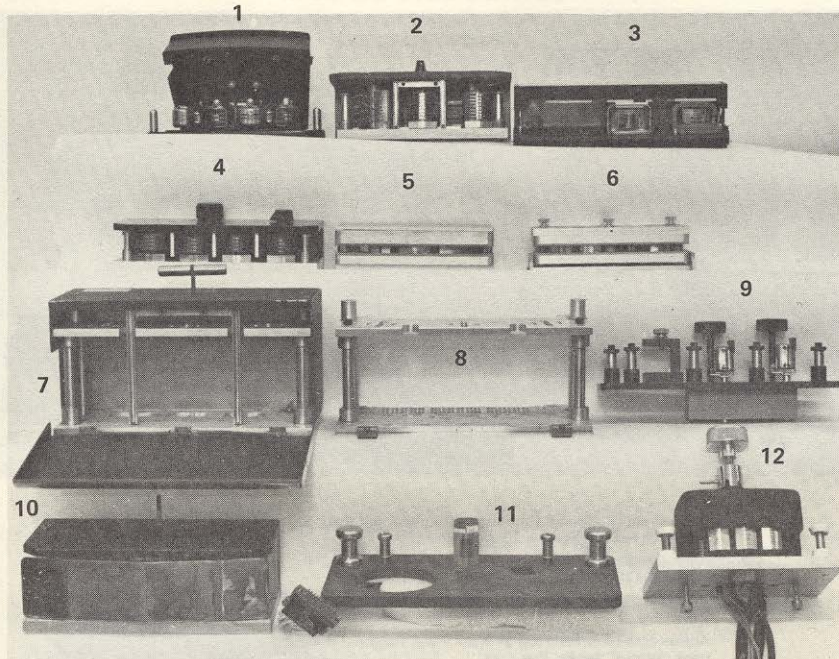
**Nortronics Lapping Kit** Now you can lap your own worn heads with the new Nortronics QM-707 Handy-lap Kit for only **\$ 60.00** Kit includes all materials needed for precision lapping any tape recorder heads





# HEAD ASSEMBLIES & STACKS

DUPLICATING EQUIPMENT  
MODEL 1100 SERIES



- |     |   |                |          |
|-----|---|----------------|----------|
| 1.  | Ampex 354 Head Assembly 2-channel — Erase, Record and Play w/1/4-track switchable Play. P/N 02-96620-03   | Reconditioned: | \$250.00 |
| 2.  | Lipps 8-channel 1" Head Assembly to match Ampex 351 tube electronics.                                     | Reconditioned: | \$500.00 |
| 3.  | Ampex AG440B 2-channel Head Assembly. P/N 4020272-02  | Reconditioned: | \$325.00 |
| 4.  | Lipps 8-channel 1/2" Record/Play Head Assembly for Duplicator Master Maker, matches 351 tube electronics. | Reconditioned: | \$250.00 |
| 5.  | IEM Assembly 1/4" 1/2-track staggered and full track record duplicator for 3200:                          |                | \$100.00 |
| 6.  | IEM Assembly 1/4" 1/2-track stereo record duplicator for 3200:  |                | \$100.00 |
| 7.  | Lipps 2" Head Housing, will mount on 300 and either transports:   |                | \$150.00 |
| 8.  | MCI 2" Head Mounting Plate:   |                | \$ 25.00 |
| 9.  | Custom Video Head Hardware. Good for 1/2" guides and Base Plate:  |                | \$ 15.00 |
| 10. | Lipps 1" Head Housing — no stacks. Will mount on 300 Ampex TX:  |                | \$ 50.00 |
| 11. | Saki Instrumentation Digital Head 9-channel 1/2":   |                | \$ 50.00 |
| 12. | Master Maker Head 1" 8-channel to match Ampex AG440 Electronics.  | New:           | \$500.00 |

NEW HOURS: Monday — Thursday 8:00 to 5:00 • Telex ASCO 34-8327



# NEW ASCO 2400

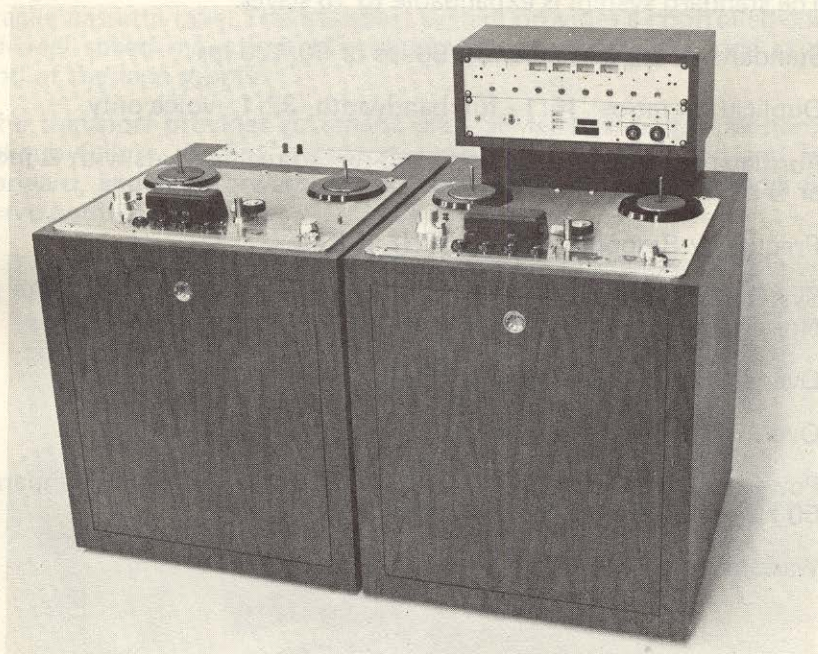
## DUPLICATING SYSTEM

Our new duplicating system is capable of handling the following formats: ¼ inch reel-to-reel, 8 track cartridge, and cassette. The master transport is available in 2 track, 4 track ¼ inch, or 8 track ½ inch format.

Basic 2-channel System, Master and 1 Slave — \$7,500.

Basic 4-channel System, Master and 1 Slave — \$8,420.

Optional Rewind & QUE with Digital Counter — \$400.

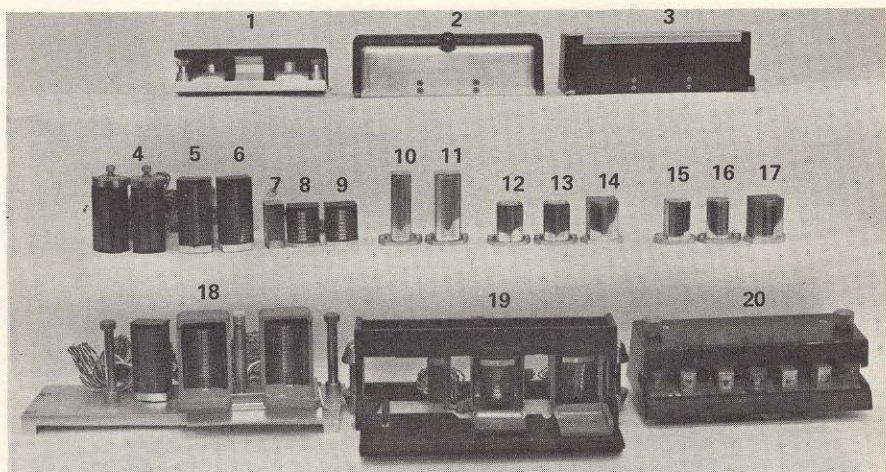


ASCO 2400 Duplicating System

NEW HOURS: Monday — Thursday 8:00 to 5:00 • Telex ASCO 34-8327



# HEAD ASSEMBLIES & STACKS



- |     |   |                |
|-----|---|----------------|
| 1.  | Lipps 4-chl 1/4" Record Duplicator Head with full track alignment head. Like new. 10 available. | \$ 200.00 each |
| 2.  | Ampex 3200 Dup. 1/2-track and full track record. P/N 4020475-28. New. 10 available.             | \$ 300.00 each |
| 3.  | Ampex AG350 full track. P/N 4020261-02. New. 3 available.                                       | \$ 300.00 each |
| 4.  | Ampex MM-1000/MM1100 24-track erase, staggered in two stack "special" ferrite. Pair.            | \$ 600.00 pair |
| 5.  | MM1000/MM1100 Record Stack. 16-channel. New. P/N 4350102-02.                                    | \$ 500.00      |
| 6.  | MM1000/MM1100 Play Stack. 16-channel. New. P/N 4350102-01.                                      | \$ 500.00      |
| 7.  | Ampex AG440B Erase Stack. 8-channel. New. P/N 1232483-01.                                       | \$ 300.00      |
| 8.  | Ampex AG440B Record Stack. 8-channel. New. P/N 1231917-04.                                      | \$ 400.00      |
| 9.  | Ampex AG440B Play Stack. 8-channel. New. P/N 1231917-03.  | \$ 400.00      |
| 10. | Scully/Nortronics Record Stack. 16-channel. P/N 9992. New.                                      | \$ 500.00      |
| 11. | Scully/Nortronics Play Stack. 16-channel. P/N 9990. New.  | \$ 500.00      |
| 12. | Scully/Nortronics Erase Stack. 12-channel. P/N 9986. New.                                       | \$ 250.00      |
| 13. | Scully/Nortronics Record Stack. 12-channel. P/N 9981. New.                                      | \$ 250.00      |
| 14. | Scully/Nortronics Play Stack. 12-channel. P/N 9980. New.  | \$ 250.00      |
| 15. | Scully/Nortronics Erase Stack. 8-channel. P/N 9890. New.  | \$ 250.00      |
| 16. | Scully/Nortronics Record Stack. 8-channel. P/N 9881. New.                                       | \$ 250.00      |
| 17. | Scully/Nortronics Play Stack. 8-channel. P/N 9880. New.   | \$ 250.00      |
| 18. | Ampex 16-ch. 2" MM1000 Head Assembly. New. P/N 4940178-02.                                      | \$2,500.00     |
| 19. | Ampex 8-ch. 1" AG440B Head Assembly. P/N 4020300-02.  | \$1,500.00     |
| 20. | Electro Sound Model 4000 8-track 1/4" Duplicator Head Assembly. Ferrite Stacks. Reconditioned.  | \$ 500.00      |



# PENTAGON

## DUPLICATING EQUIPMENT

### MODEL 1100 SERIES

This system can accommodate 1/4" reel masters, cassette masters and produce cassette copies, 1/4" reel copies or .150 cassette bulk duplication copies — dependent on system configuration.  
System Price: **\$4885.00**



**RM 1140**  
Reel Master 4-Ch  
— \$1595.00

**CC 1140**  
Cassette Master/1 Slave  
— \$1695.00



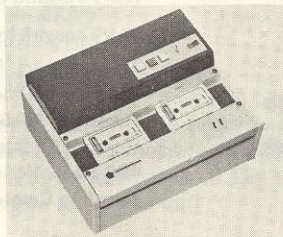
**RS 1140**  
Reel Slave — \$1595.00



**Model CS 1140**  
Add on 2-station Cassette Slaves —  
\$945.00

All Formats Are Available:  
Reel-to-Reel  
Reel-to-Cassette  
Cassette-to-Cassette  
Cassette-to-Reel  
1/4" 8-track open Reel-to-Reel

Write for complete information & pricing.



**Model Super C-1 Copier**  
1/2-track mono — \$695.00

**NEW HOURS: Monday — Thursday 8:00 to 5:00 • Telex ASCO 34-8327**



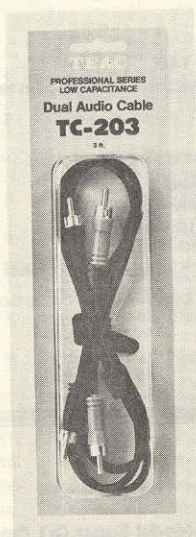
# TEAC RECORDER, MAINTENANCE KITS & ACCESSORIES



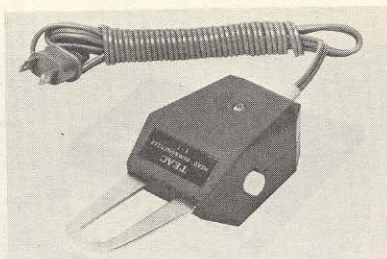
**Recorder Maintenance Kit  
RMK — Price \$ 7.75**



**Recorder Cleaning Kit  
RCK — Price \$ 5.15**



**Cables RCA — RCA Single**



**E-1 Head Demagnetizer — \$18.59  
E-2 Bulk Eraser (not pictured) \$85.80**

Microphones from **\$20 to \$125.00**  
Test Tone Oscillator — **\$61.50**  
AX-10 Sound-on-Sound Echo Unit — **\$39.95**

Write for pricing on items listed below:

Transformers, Mic & Line  
Dust Covers for most Recorders  
Beats and NAB Adapters



# ASCO/LEASE PURCHASE PLAN

LET ASCO ARRANGE A LEASE PURCHASE FOR YOUR  
NEW EQUIPMENT REQUIREMENTS.

## LEASE FACTORS 5-15-77

TERM	Under \$7,500	\$7,500 to 15,000	\$15,000 to 25,000	\$25,000 to 50,000	\$50,000 to 100,000
12	.095	.094	.093		
24	.525	.051	.05	.040	
36	.037	.036	.0341	.0345	.034
48	.03	.029	.028	.0275	.027
60	.026	.025	.0245	.0239	.023
72		.0222	.0216	.0214	.0206
84		.0212	.0196	.0190	.0186
120			.0160	.0158	.0156

(To obtain monthly payment, multiply factor times total equipment cost:  $.036 \times 5,000 = \$180.00$ ).

1st and last payment with option to purchase at end for 10%.

A complete financial statement is the only way the leasing company can evaluate your credit.

An interim (current) financial statement is required. It should not be more than three months old.

A 12 month or year-end financial statement is needed. The interim is in addition to the full year-end financial statement.

\$2,500 - \$10,000	Year-end financial statement (12 months)
\$10,000 - \$25,000	Latest 2 financial statements (12 months each)
\$25,000 - and above	Latest 3 financial statements (12 months each)

A financial statement is a statement that includes:

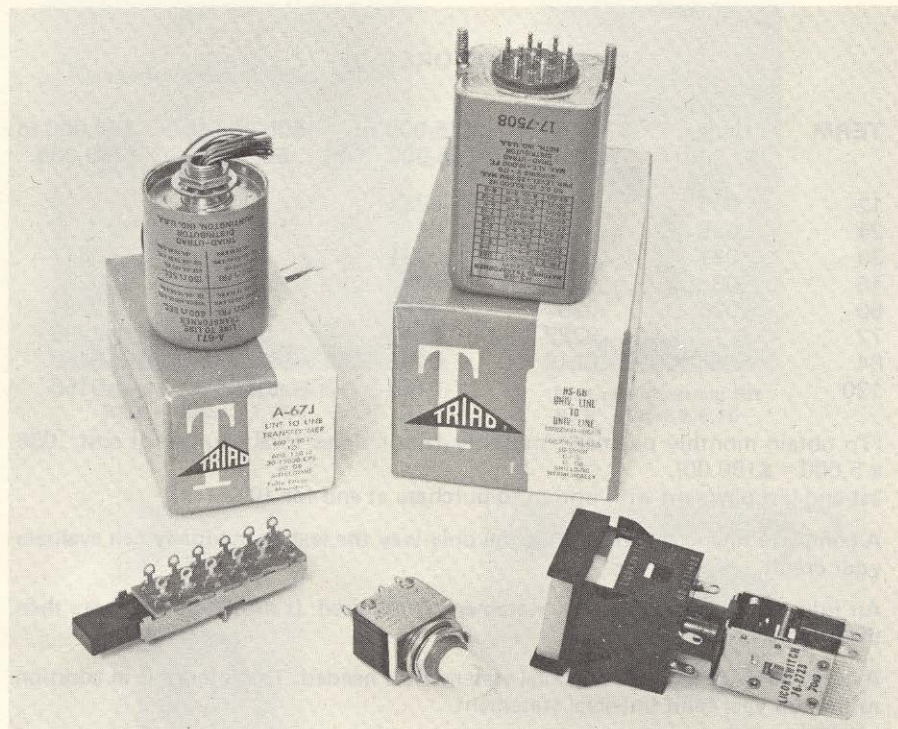
1. Profit and loss statement
2. Balance sheet
3. Notes and schedules to above
4. Accountant's disclosure letter

Individuals should include latest tax return.

The more information we can acquire, the faster and easier it is for us to put the lease together. If biographies or resumes are available, this is often helpful. We are often more impressed and concerned with the person who runs the business than the business itself. People are important.



# ITEMS OF SPECIAL INTEREST



**Triad Mod A-67J Transformer** Line-to-Line 600/150 to 600/150 \$ 5.00 each  
30-15 KHZ 60 DB shielding 100 available. New.

**Triad Mod HS-66 Transformer** Line-to-Line 600/250/62.5 to 600/250/62.5 \$10.00 each  
10 to 30 KHZ 45 DB shielding. 150 available. New.

**Switchcraft Switch** 4-pole double throw. 30 available. New \$ .50 each

**Licon Switch.** Pushbutton-single pole. Double throw. P/N 01-115510. \$ .25 each  
1000 available. New.

**Licon Switch.** Pushbutton-double pole. Double throw. Push-on, push-off with split display lights. 30 available. New. \$ 5.00 each

**UTC A-39 Transformer** (not pictured) pri. 600/150 sec. 2 KHz/500 \$10.00 each  
20 cps to 20 KHz + 10DBM 50 available.



# DEMO ROOM CLEARANCE

ASCO NEW-USED - DEMONSTRATION EQUIPMENT, 25% - 75% OFF LIST  
10 DAY SATISFACTION MONEYBACK WARRANTY

NEW LIST		DISCOUNT PRICE
\$ 595.00	SONY TC 770-4 PORTABLE STEREO RECORDER WITH CASE	\$ 300.00
299.95	SUPERSCOPE AM/FM R 1270 RECEIVER	225.00
155.00	AKG D 202E MICROPHONE	116.00
1500.00	JBL DUAL 300 WATT AMPLIFIER MODEL 6233-NEW	1000.00
404.00	ALTEC 604 CABINET MODEL 620AWX-NEW	275.00
684.00	ALTEC STUDIO MONITORS MODEL 9849 8DWX-NEW	325.00
135.00	ALTEC 1566A MIC. LINE AMPS	50.00
	ALTEC 639 RIBBON MICROPHONE	125.00
	AMPEX MX10	200.00
590.00	AMPEX AM10	400.00
185.00	AMPEX AM10 METERS	100.00
1925.00	AMPEX AG 500 7 $\frac{1}{2}$ /15 2-TRACK STEREO SOLID STATE, RACK MOUNTED, NEW DEMO.	1195.00
	SONY MX12 6 INPUT, 2 OUTPUT MIC/LINE MIXER	100.00
1000.00	SONY MX20 8 INPUT, 4 OUTPUT PORTABLE BALANCE MIC/LINE MIXER	600.00
	RCA 44 RIBBON MICROPHONE	100.00
	RCL REVERB	100.00
299.00	SOUNDCRAFTSMEN EQUALIZER MODEL 20-12	225.00
	PULTEX MH-4 INPUT, 1 OUTPUT MIXER	175.00
	WAH WAH FUZZ PEDAL	15.00
	RGF 10" WX SPEAKER	20.00
	STROM 4602 8 IN PA AMP, 70V OUTPUT	225.00
400.00	SAE IXB PREAMP WX	300.00
250.00	SAE 31B 50 WATT PER CHANNEL	188.00
180.00	EV RE15 MICROPHONE	135.00
196.00	EV RE16 MICROPHONE	147.00
95.00	EV RE50 MICROPHONE	71.00
227.00	EV CS-15 SINGLE D MICROPHONE	170.00
40.00	EV 309 SHOCK MOUNT	30.00
12.00	EV 314 WIND SCREEN	8.00
103.00	EV DS35 SINGLE D	77.00
107.00	SHURE 578 MICROPHONE	80.00
85.00	SHURE SM51 LAVALIER	63.00
189.00	SENNHEISER MD 214N LAVALIER	141.00

NEW HOURS: Monday - Thursday 8:00 to 5:00 • Telex ASCO 34-8327





# DEMO ROOM CLEARANCE

ASCO NEW-USED - DEMONSTRATION EQUIPMENT, 25% - 75% OFF LIST  
10 DAY SATISFACTION MONEYBACK WARRANTY

NEW LIST		DISCOUNT PRICE
\$ 72.00	SENNHEISER MD 412LM	\$ 54.00
50.00	SENNHEISER MD 402LM	37.00
650.00	FRAP MODEL FS-100 STEREO PIANO PICKUP, NEW DEMO	487.00
600.00	THORENS TD 125 MK II WITH SHURE SME TONE ARM AND ORTOFON M 15E CARTRIDGE	300.00
75.00	AKG D 1000E	56.00
460.00	TEAC 4-CHANNEL NOISE REDUCTION, MODEL AN 300	230.00
	25 FOOT HEAVY DUTY MIC. CABLE	20.00
	15 FOOT HEAVY DUTY MIC. CABLE	15.00
76.00	ALTEC 755E WIDE RANGE SPEAKERS 8", IN CABINET WINTHROP AUTOMATIC RECORD CHANGER	38.00 20.00
75.00	ALTEC DIVIDING NET, MODEL 1500A	40.00
168.00	JBL 2215B 15" SPEAKER, REBUILT	126.00
	PRO LINE FREQUENCY ENERGIZER	35.00
	R. B. ANNIS HEAD DEMAGNETIZER	30.00
500.00	SOUND WORKSHOP VOCAL DOUBLER	400.00
450.00	SOUND WORKSHOP MODEL 242 STEREO REVERB	350.00
450.00	TABERASER	335.00
	FISHER SPACEEXPANDER	25.00
	GIBBS REVERB UNIT, MODEL K10	10.00
	SHURE 545 MICROPHONE	20.00
	HAMILTON MUSIC STAND	7.50
500.00	OMEGATRON KALEIDOSCOPE DISCO LIGHTING PROJECTOR	425.00
	SHIBADEN HV-15 CCTV CAMERA	350.00
	CANNON TV ZOOM LENS V6x16R (DC) 16.5-95MM 1:2	650.00
	CANNON CONTROL BOX CC-3T	200.00
	COSMICAR GBC TV LENS 135 MM 1:2.8 IVR145244, NEW	195.00
	SUN-COSMICAR TV LENS, F-15-145 MM 1:2.5 #Z0072, NEW	785.00



# AMPEX HEAD STACKS

## & ASSEMBLIES

### HEAD STACKS & ASSEMBLIES

#### AMPEX AG600 SERIES

AG600 $\frac{1}{4}$ " 2-TRACK RECORD STACK, 50 AVAILABLE.	#4040684-12	\$ 10.00 EACH
AG600 $\frac{1}{4}$ " 2-TRACK ERASE STACK	#1232360-01	\$ 50.00 EACH
AG600 $\frac{1}{4}$ " FULL-TRACK PLAY STACK	#1232359-01	\$ 60.00 EACH
AG602-2 $\frac{1}{4}$ " 2-TRACK HEAD ASSY $\frac{1}{4}$ -TRACK	#4020194-02	\$ 295.00 EACH

#### AMPEX AG500 SERIES

AG500 $\frac{1}{4}$ " FULL-TRACK REPRODUCE STACK	#1815108-01	\$ 75.00 EACH
AG500 $\frac{1}{4}$ " FULL-TRACK RECORD STACK	#1815108-02	\$ 75.00 EACH

#### AMPEX MR70 SERIES

MR70 $\frac{1}{4}$ " FULL-TRACK RECORD STACK, FIXED, 20 AVAIL.	#4040828-02	\$ 25.00 EACH
MR70 $\frac{1}{4}$ " FULL-TRACK REPRODUCE STACK, FIXED, 20 AVAIL	#4040828-01	\$ 25.00 EACH
MR70 $\frac{1}{4}$ " 2-TRACK RECORD STACK, FIXED, 20 AVAILABLE	#4040830-02	\$ 25.00 EACH
MR70 $\frac{3}{8}$ " FULL-TRACK REPRODUCE STACK, ADJ., 9 AVAIL.	#4040437-04	\$ 25.00 EACH
MR70 $\frac{1}{2}$ " 4-TRACK RECORD STACK, FIXED.		
4MH WILL MATCH AG440 ELECTRONICS 6 AVAIL.	#4040836-02	\$ 100.00 EACH
MR70 1" 4-TRACK RECORD STACK, FIXED.		
4MH WILL MATCH AG440 ELECTRONICS 6 AVAIL.	#4040840-02	\$ 25.00 EACH

#### AMPEX 351 SERIES

351 $\frac{1}{2}$ " 4-TRACK ERASE STACK	#4040564-01	\$ 150.00 EACH
300 $\frac{1}{4}$ " FULL-TRACK RECORD STACK, 5 AVAILABLE	#4040438-55	\$ 20.00 EACH
351 $\frac{1}{2}$ " 3-TRACK RECORD/REPRODUCE/ERASE STACKS		\$ 25.00 EACH
354 $\frac{1}{4}$ " 2-TRACK ERASE, $\frac{1}{4}$ -TRACK	#0296640-02	\$ 50.00 EACH
354 $\frac{1}{4}$ " 2-TRACK ERASE STACK	#0296170-06	\$ 50.00 EACH
354 $\frac{1}{4}$ " 2-TRACK RECORD STACK	#0296170-11	\$ 40.00 EACH

#### AMPEX AG440B SERIES

AG440B ERASE STACK	8-CHANNEL	NEW	#1231283-01	\$ 300.00 EACH
AG440B RECORD STACK	8-CHANNEL	NEW	#1231917-04	\$ 400.00 EACH
AG440B PLAY STACK	8-CHANNEL	NEW	#1231917-03	\$ 400.00 EACH
AG440B $\frac{1}{4}$ " $\frac{1}{4}$ -TRACK 2-CHANNEL ASSEMBLY			#4020272-07	\$ 400.00 EACH
AG440B $\frac{1}{4}$ " FULL-TRACK ASSEMBLY			#4020272-01	\$ 300.00 EACH
AG440B 1" 8-CHANNEL ASSEMBLY			#4020300-02	\$1500.00 EACH

#### AMPEX PR-10 & GS-80 SERIES

PR-10 $\frac{1}{4}$ " 2-TRACK ERASE STACK	#0296170-03	\$ 40.00 EACH
GS-80 $\frac{1}{4}$ " FULL-TRACK RECORD STACK	#0296170-01	\$ 40.00 EACH
PR-10 $\frac{1}{4}$ " 2-TRACK REPRODUCE STACK	#0296170-10	\$ 40.00 EACH

NEW HOURS: Monday - Thursday 8:00 to 5:00 • Telex ASCO 34-8327



# AMPEX HEAD STACKS

# & ASSEMBLIES

## HEAD STACKS & ASSEMBLIES

### SCULLY SERIES

¼" 2-CHANNEL PLAY IN MOUNTING ASSEMBLY WITH CONNECTOR, #5088-1	\$ 65.00 EACH
½" 4-CHANNEL PLAY WITH MOUNTING BASE AND CONNECTOR	\$ 75.00 EACH
½" 4-CHANNEL ERASE WITH MOUNTING BASE AND CONNECTOR	\$ 75.00 EACH
SCULLY/LIPPS ¼" FULL-TRACK RECORD WITH BASE AND NO CONNECTOR, #6845	\$ 25.00 EACH
SCULLY/LIPPS ¼" FULL-TRACK PLAY WITH NO BASE AND NO CONNECTOR, #6749	\$ 10.00 EACH
SCULLY/LIPPS ¼" 2-CHANNEL ¼-TRACK PLAY WITH BASE AND NO CONNECTOR	\$ 25.00 EACH
SCULLY/LIPPS ½" 2-CHANNEL PLAY WITH BASE AND NO CONNECTOR, #022320402	\$ 100.00 EACH

### MISCELLANEOUS

IEM/AMPEX 8-CHANNEL 1" HI Z PLAY TO MATCH 351 ELECTRONICS	\$ 150.00 EACH
IEM/AMPEX 8-CHANNEL 1" RECORD TO MATCH 351 ELECTRONICS	\$ 150.00 EACH
MAGNACORD PT63 PLUG-IN HEAD ASSY FULL-TRACK G-R & P	\$ 45.00 EACH
MAGNACORD PT63 PLUG-IN HEAD COVER	\$ 10.00 EACH
MAGNACORD PT63 PLUG-IN ERASE STACK, FULL-TRACK	\$ 20.00 EACH
AMPEX FULL-TRACK FERRITE ERASE, #4020248-10 (WILL WORK ON MOST SOLID STATE ELECTRONICS)	\$ 50.00 EACH
LIPPS SET OF 2-CHANNEL ERASE/RECORD/PLAY, #7285-8633-7937 (ADJ. MOUNT FOR 351)	\$ 60.00 SET
NORTONICS ¾" 4-CHANNEL RECORD/PLAY, #5655 - 6 AVAILABLE	\$ 105.00 EACH
REVOX FULL-TRACK ERASE FOR A7	\$ 55.00 EACH

### DUPLICATOR HEADS

AMPEX BLM 200 8-CHANNEL HEAD ASSEMBLY, NEW, #4940204-03	\$1200.00 EACH
AMPEX ¼" ¼-TRACK 2-CHANNEL PLAY STACKS - FIXED MOUNT, 100 MH FOR 3200, TRACKS 1 & 3 - #120271-01 11 AVAILABLE	\$ 25.00 EACH
TRACKS 2 & 4 - #120271-02 7 AVAILABLE	\$ 25.00 EACH
AMPEX ¼" ½-TRACK 2-CHANNEL PLAY STACKS, 125 MICRO INCH GAP 750 MH FOR 3200, 4 AVAILABLE	\$ 50.00 EACH
LIPPS ¼" FULL-TRACK RECORD-FIXED MOUNT-, #3264, 100 MICRO INCH GAP IND. 1.5 MH FOR 3200, 7 AVAILABLE	\$ 25.00 EACH
LIPPS ¼" ¼-TRACK 2-CHANNEL RECORD-FIXED MOUNT (4-TRACK) 125 MICRO INCH GAP IND. 2.5 MH FOR 3200, 7 AVAILABLE	\$ 25.00 EACH
LIPPS ¼" 2-CHANNEL RECORD, 100 MICRO INCH GAP IND. 2.5 MH, 3 AVAIL.	\$ 25.00 EACH



# ASCO INVENTORY

ASCO INVENTORY, NEW - UNDER WARRANTY  
5% CASH DISCOUNT

## ALTEC PROFESSIONAL MONITORS

A7-8	VOICE OF THE THEATRE SYS. UTILITY	\$ 557.00
604-8G	15" DUPLEX MONITOR SPEAKER (INCLUDES NET)	\$ 360.00
9849-8B	MONITOR SPEAKER SYS. (FURNITURE)	\$ 513.00

## ATLAS STANDS

MS 10C		\$ 22.60
MS 12C		\$ 22.90
MS 25		\$ 61.65
TS 8		\$ 22.80
BS-36W		\$ 164.75

## BEYER RIBBON MICROPHONES

M 500		\$ 159.00
M 260		\$ 127.00
M 160		\$ 230.00

## CROWN AMPLIFIERS

D 60		\$ 299.00
D 150A		\$ 499.00
DC 300A		\$ 849.00
IC 150A		\$ 399.00
VFX-2	VARIABLE CROSS-OVER, BAND PASS FILTERS	\$ 329.00

## DBX NOISE REDUCTION UNITS

157		\$ 600.00
RM 157		\$1200.00
154		\$ 750.00
RM 160	COMPRESSOR LIMITER	\$ 630.00
162	COMPRESSOR LIMITER, STEREO	\$ 600.00

## EDITALL SPLICING KITS

KS-1	KIT FOR 150 MIL. AUDIO TAPE	\$ 14.00
KS-2	KIT FOR 1/4" AUDIO TAPE	\$ 12.00
KS-3	KIT FOR 1/4" AUDIO TAPE	\$ 14.00
KS-3.5	KIT FOR 1/2" AUDIO TAPE	\$ 30.00
KS-4	KIT FOR 1" AUDIO TAPE	\$ 40.00
KA-2	KIT FOR 2" AUDIO TAPE	\$ 75.00

NEW HOURS: Monday - Thursday 8:00 to 5:00 • Telex ASCO 34-8327  
59



# NEW ASCO 2400

## DUPLICATING SYSTEM

This improved system includes the following features:

- 1) Automatic Cue: Selectable for manual run, single run, or for a pre-set number of cycles with digital indication of cycles remaining.
- 2) Rapid Format Changes: Reproduce head assemblies include all play back amplifiers with equalization and level adjustments; all record head assemblies include bias and record level adjustments.
- 3) Ferrite Heads for All Formats.
- 4) Advanced Tape Motion Control: Transport system has all the sophisticated features of the ASCO-2000 control box.
- 5) The standard system is expandable to 10 slaves.
- 6) Standard speeds available: 30/60 ips or 60/120 ips
- 7) Duplication ratios: 16:1 - full bandwidth, 32:1 - voice only.
- 8) Formats: All cartridge, cassette and reel-to-reel formats with ¼ inch or ½ inch masters.
- 9) Frequency Response:  $\pm 3$ dB 30Hz-18KHz.
- 10) System Noise: Better than 3dB below a blank biased Ampex 434 Low Noise tape from 1KHz to 10 KHz (real speed).
- 11) Overall speed error: 0.5% maximum.
- 12) Overall flutter contribution: 0.15% rms, NAB weighted.
- 13) Power requirement: 117 VAC, 60Hz. Each deck fused at 3 amperes. 50 Hz optionally available.
- 14) Warranty: 90-days parts; 1 year - workmanship.



# ASCO INVENTORY

ASCO INVENTORY, NEW - UNDER WARRANTY  
5% CASH DISCOUNT

## ELECTRO VOICE STUDIO MONITORS

SENTRY V	\$ 300.00
SENTRY IV A	\$ 645.00
SENTRY III	\$ 757.00

## JBL PROFESSIONAL STUDIO MONITORS

4311 WX	\$ 333.00
4331 AWX 3-WAY	\$ 804.00
4343	\$1179.00

## JVC

JVC 6300U 3/4" VIDEO CASSETTE RECORDER	\$1960.00
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## MPC

MPC HEADPHONES HI/Z 600 OHM	\$ 12.50
MPC HEADPHONE JUNCTION BOX WITH XLR INPUT & OUTPUT CONNECTOR	\$ 30.00

## MAGNETIC REFERENCE LABORATORY

REPRODUCER ALIGNMENT - USA PROFESSIONAL & BROADCASTING - NAB EQUALIZATION

FULL-TRACK 200 NAb/M

21 F 101 1/4 INCH 3.75	\$ 33.00
21 T 104 1/4 INCH 7.5	\$ 33.00
21 J 105 1/4 INCH 15	\$ 33.00
21 L 121 1/4 INCH 30	\$ 42.00
31 T 118 1/2 INCH 7.5	\$ 55.00
31 J 119 1/2 INCH 15	\$ 55.00
31 L 120 1/2 INCH 30	\$ 70.00
41 T 115 1 INCH 7.5	\$ 180.00
41 J 116 1 INCH 15	\$ 180.00
41 L 117 1 INCH 30	\$ 210.00
51 T 112 2 INCH 7.5	\$ 350.00
51 J 113 2 INCH 15	\$ 350.00
51 L 114 2 INCH 30	\$ 400.00

REPRODUCER ALIGNMENT - USA PROFESSIONAL & BROADCASTING - NAB EQUALIZATION

FULL TRACK INCREASED LEVEL FOR USE WITH AMPEX 406, 3M 206 OR EQUIV. TAPES

21 T 204 1/4 INCH 7.5	\$ 33.00
21 J 205 1/4 INCH 15	\$ 33.00
21 L 221 1/4 INCH 30	\$ 42.00



# ASCO INVENTORY

ASCO INVENTORY, NEW - UNDER WARRANTY

5% CASH DISCOUNT

## MAGNETIC REFERENCE LABORATORY-CONTINUED

REPRODUCER ALIGNMENT - USA PROFESSIONAL & BROADCASTING - NAB EQUALIZATION

FULL TRACK INCREASED LEVEL FOR USE WITH AMPEX 406, 3M 206 OR EQUIV. TAPES

31 T 218	½ INCH	7.5	\$ 55.00
31 J 219	½ INCH	15	\$ 55.00
31 L 220	½ INCH	30	\$ 70.00
41 T 215	1 INCH	7.5	\$ 180.00
41 J 216	1 INCH	15	\$ 180.00
41 L 217	1 INCH	30	\$ 180.00
51 T 212	2 INCH	7.5	\$ 350.00
51 J 213	2 INCH	15	\$ 350.00
51 J 214	2 INCH	30	\$ 400.00

## NEUMANN MICROPHONES

U47	FET	\$ 624.00
U87		\$ 695.00
N-80	POWER SUPPLY	\$ 50.00

## OTARI RECORDER/REPRODUCER SYSTEMS

MX 5050-2SH	\$1450.00
MX 5050-4HD	\$2495.00
MX 5050-8D	\$4295.00
MARK II	\$2195.00

## REVERBERATION CHAMBERS

TAPCO 4400	\$ 389.00
ORBAN 111B	\$ 695.00
AKG BX10	\$1995.00
AKG BX20	\$3500.00

## SAE POWER AMPLIFIERS

MK 2600	400 WATTS PER CHANNEL	\$1750.00
MK 2500	300 WATTS PER CHANNEL	\$1250.00
MK 2400	200 WATTS PER CHANNEL	\$ 750.00
MK 2200	100 WATTS PER CHANNEL	\$ 450.00
MK 31B	50 WATTS PER CHANNEL	\$ 250.00
MK XVII	DUAL ACTIVE EQUALIZER	\$ 300.00

NEW HOURS: Monday - Thursday 8:00 to 5:00 • Telex ASCO 34-8327



# ASCO INVENTORY

ASCO INVENTORY, NEW - UNDER WARRANTY  
5% CASH DISCOUNT

## SHURE

SR 107	AUDIO EQUALIZER	\$ 215.00
M 615AS	EQUALIZATION ANALYZER SYSTEM	\$ 409.00

## SOUND WORKSHOP

1280B		\$3200.00
1280BEX		\$2150.00
MODEL 18	8 INPUT, 2 OUTPUT LINE MIXER	\$ 250.00

## TAPCO MIXERS - (ANVIL FLIGHT CASES AVAILABLE, WRITE FOR QUOTE)

100K		\$ 189.00
2200		\$ 289.00
4400		\$ 389.00
6000CF		\$ 224.00
6000RCF		\$ 365.00
6700RA		\$ 429.00
6100RB		\$ 519.00
6100EA		\$ 369.00
6100EB		\$ 479.00
6200A		\$ 349.00
6200B		\$ 454.00
DOUBLE BLOCK CASE 6100 & 6200		\$ 135.00
1 CONSOLE & REVERB OR EQ. CASE		\$ 155.00

## TEAC MIXERS

MODEL 1	8 INPUT, 2 OUTPUT	\$ 143.00
MODEL 2	6 INPUT, 4 OUTPUT	\$ 353.00
MODEL 3	8 INPUT, 4 OUTPUT	\$ 850.00
MODEL 5	8 INPUT, 4 OUTPUT	\$1575.00
MODEL 5EX	8 INPUT, 4 OUTPUT	\$1250.00
MODEL 5	201 INPUT MODULE	\$ 124.00
MODEL 5	202 SUBMASTER MODULE	\$ 100.00
MODEL 5	203 MASTER MODULE	\$ 121.00

## TEAC RECORDER/REPRODUCERS

MODEL 25-2	1/4" TWO TRACK MASTER	\$1823.00
MODEL 80-8	1/2" EIGHT TRACK	\$2845.00
MODEL DX-8	EIGHT CHANNEL DBX	\$ 958.00
MODEL LA-8	LINE AMP. (-10 DB TO +4 DB)	\$ 800.00





# ASCO INVENTORY

ASCO INVENTORY, NEW - UNDER WARRANTY

5% CASH DISCOUNT

## TEAC RECORDER/REPRODUCERS-CONTINUED

MODEL MR-88	RACK MOUNT	80-8	\$ 42.00
MODEL RM-8X	RACK MOUNT	DX-8	\$ 17.00
MODEL AS2300S	¼" TWO TRACK		\$ 613.00

## TEAC TEST TAPES

WRITE FOR QUOTATION

## TENTEL

TENTELOMETER T2 ML	\$ 179.00
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## TURNTABLE SYSTEM

LUXMAN	70 DB S/N RATIO	\$425.00	
LUXMAN	.03% WOW/FLUTTER WRMS		
SAEC	0 DEGREE TRACKING ERROR TONE ARM	\$195.00	
GRADO	G1 + SUPER FLUXBRIDGER CARTRIDGE	<u>\$150.00</u>	
		\$770.00	
	SYSTEM DISCOUNT	<u>100.00</u>	
	TOTAL		\$ 670.00

## UHER

4000IC	REEL-TO-REEL ½-TRACK MONO	\$ 528.95
CR-210	BATTERY OR AC PORTABLE STEREO CASSETTE	\$ 595.95

## VIF

NAB HOLD DOWN KNOBS	\$ 13.50
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## FERRITE REPLACEMENT HEADS FOR AMPEX AG440, SCULLY & 3M

Extend Your Head Life 10-15 Times Over Current Metal Faced Heads.

- Reduces Flutter
- Minimizes Downtime
- Improves Frequency Response

Typical Overall Response  $\pm 1$  db — 30 cycles to 15,000 cycles,  $\pm 1.5$  db  
— 20 cycles to 20,000 cycles at 15 ips.

¼" full track stacks — \$250.00

¼" 2-track stacks — \$260.00

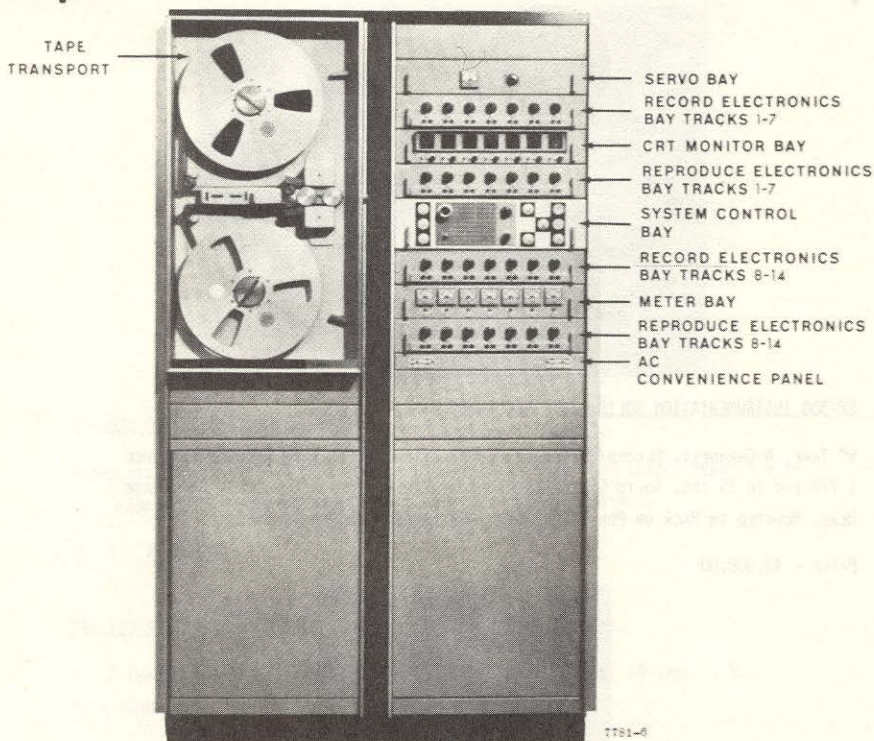
Ferrite heads are also available in other track formats and for most duplicator formats. Write For A Quotation.

NEW HOURS: Monday — Thursday 8:00 to 5:00 • Telex ASCO 34-8327



# AMPEX INSTRUMENTATION

## RECORDERS



### ER-600/1400 SOLID STATE INSTRUMENTATION RECORDER

½ INCH OR 1 INCH, IRIG, 7 CHANNEL OR 14 CHANNEL CAPABILITY, 14 INCH DIAMETER REELS. INTERMEDIATE BAND OR WIDE BAND 1", 15 IPS TO 120 IPS. MOTOR DRIVE AMPLIFIER, METER BAYS, AUX VOICE LOG CHANNEL, COUNTER. CONSOLE RACK MOUNTING WITH STORAGE CABINETS BELOW AND RACK DOLLY. HAS REMOTE CAPABILITY, END OR REEL SENSE AND AUTOMATIC DATA SCANNING.

PRICE WITH 7 CHANNELS DIRECT I.B. - \$6,000.00

PRICE WITH 7 CHANNELS FM I.B. - \$7,000.00

PRICE WITH 14 CHANNELS DIRECT I.B. - \$7,500.00

PRICE WITH 14 CHANNELS FM I.B. - \$8,500.00

PRICE WITH 7 CHANNELS DIRECT W.B. - \$7,000.00

PRICE WITH 14 CHANNELS DIRECT W.B. - \$8,500.00



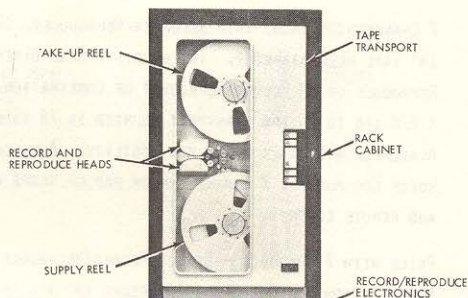
# AMPEX INSTRUMENTATION

## RECORDERS

### FR-1200 SOLID STATE INSTRUMENTATION RECORDER

7 CHANNEL,  $\frac{1}{2}$ " IRIG RECORDER/REPRODUCER, 10 $\frac{1}{2}$ " OR 14" TAPE REEL DIAMETER, INTERMEDIATE BAND, DIRECT RECORD/REPRODUCE OR FM RECORD/REPRODUCE OR COMBINATION. 1 7/8 IPS TO 60 IPS TRANSPORT MOUNTED IN 78" RACK. AVAILABLE WITH RACK DOLLY, AUX. VOICE LOG MODULE, METER BAY OR SCOPE BAY, REMOTE CONTROL AND MOTOR DRIVE AMPLIFIER AND COUNTER.

PRICE WITH 7 CHANNELS DIRECT RECORD/REPRODUCE & EQUALIZER





# AMPEX INSTRUMENTATION

## RECORDERS

### ER-100A SOLID STATE INSTRUMENTATION RECORDER

7 CHANNELS,  $\frac{1}{2}$  INCH, IRIG RECORDER/REPRODUCER, 10 $\frac{1}{2}$ " OR 14" TAPE REEL DIAMETER. INTERMEDIATE BAND DIRECT RECORD/REPRODUCE OR FM RECORD/REPRODUCE OR COMBINATION. 1 7/8 IPS TO 60 IPS TRANSPORT MOUNTED IN 78 INCH RACK. AVAILABLE WITH RACK DOLLY FOR MOBILITY. AUX. CHANNEL VOICE LOG MODULE, 7 CHANNEL METER BAR OR SCOPE BAY AND REMOTE CONTROL.

PRICE WITH 7 CHANNELS - DIRECT RECORD/REPRODUCE & EQUALIZATION FOR ONE SPEED---(RECORD AMP ALL SPEEDS)  
\$5,000.00

PRICE WITH 7 CHANNELS - FM RECORD/REPRODUCE WITH FILTER FOR ONE SPEED---(RECORD AMP ALL SPEEDS)  
\$5,500.00

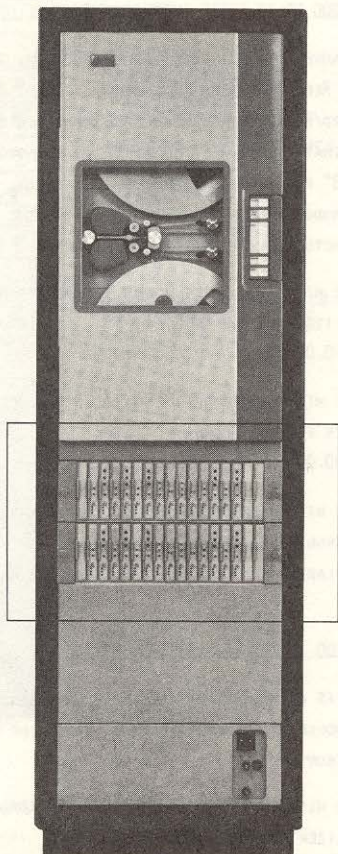
ALSO AVAILABLE IN RECORD ONLY OF REPRODUCE ONLY CONFIGURATION.

### ER-100A SOLID STATE INSTRUMENTATION RECORDER

SAME AS ABOVE, BUT 1" TAPE. 14 CHANNELS RECORD/REPRODUCE, 10 $\frac{1}{2}$ " OR 14" TAPE. INTERMEDIATE BAND DIRECT RECORD/REPRODUCE OR FM RECORD/REPRODUCE OR COMBINATION.

PRICE WITH 14 CHANNELS - DIRECT RECORD/REPRODUCE & EQUALIZATION FOR ONE SPEED---  
\$7,000.00

PRICE WITH 14 CHANNELS - FM RECORD/REPRODUCE WITH FILTER FOR ONE SPEED---  
\$9,000.00





# ASCO CONSIGNMENT

## ASCO CONSIGNMENT SECTION

001	AMPEX MX10 MIXER	\$ 250.00
002	SONY MX20 8 IN, 4 OUT - BALANCE MIC/LINE MIXER	\$ 600.00
003	SPECTRA SONICS CUSTOM MIXING CONSOLE 16 INPUTS - 16 OUTPUTS 8 SUB-MASTERS SOLO PRE-LISTEN TRACK ON & OFF 2 ECHO SENDS FULL 16 TRACK MONITORING (RIGHT SIDE) PANNING ON MONITOR ECHO ON MONITOR 2 CUE SYSTEMS PAN POTS ON ECHO RECEIVES FULL PATCH BAY ANY OF THE MONITOR SYSTEMS CAN BE PUNCHED UP IN THE CONTROL ROOM OR ON STUDIO MONITORS BUILT IN OSCILLATOR - 50 Hz, 1 kHz, 5kHz, 10kHz, 15kHz PRODUCERS DESK PICTURES AVAILABLE UPON REQUEST	\$12,000.00
004	AMPEX STEREO HEAD ASSEMBLY FOR 351-2. RELAPPED AND NOT USED SINCE. MINT CONDITION. TESTED ON PLAY & RECORD. MEETS SPEC.	\$ 250.00
	TEKTRONIX 1A6 DIFFERENTIAL AMPLIFIER PLUG-IN FOR ALL 500 SERIES SCOPES. MINT CONDITION. LAB CALIBRATED 10/22/76. WITH MANUAL	\$ 335.00
005	UREI CROSSOVERS #521P, HOUSING W/POWER SUPPLY #SR-21, SINGLE RACK MOUNT, #521L, LOW FREQUENCY CARD, 12 DB/OCT (2 EA). ONE YEAR OLD, EXCELLENT CONDITION. LOT	\$ 316.25
	PROFESSIONAL RECORDER, 3M MODEL 400, 4-TRACK, 15-30 IPS, IN CONSOLE, 5½ YEARS OLD. VERY GOOD CONDITION.	\$ 4,485.00
	PHASE SHIFTER, COUNTRYMAN 967, 2½ YEARS OLD. GOOD CONDITION.	\$ 218.50
	V.S.O. McINTOSH 200 WATT, AGE UNKNOWN. GOOD CONDITION.	\$ 460.00
	SPEAKERS (2 EA) JBL 4350. 7 MONTHS OLD. IN WARRANTY. EXCELLENT CONDITION. STUDIO FINISH	PRICE EACH. \$ 1,207.50



# ASCO CONSIGNMENT

## ASCO CONSIGNMENT SECTION

- 005 ELECTRONICS STUDER A-80 MARK I. USED 100 HOURS. EX. CONDITION. EACH \$ 920.00  
REVERB UNIT WITH REMOTE. AKG BX20E. 3½ YEARS OLD. IN WARRANTY  
CONDITION. (PER MANUFACTURER) \$ 2,875.00
- 006 AMPEX FR1100 TAPE TRANSPORT, COMPLETE WITH EXTRA CAPSTAN MOTOR.  
ALL GUIDES AND CAPSTAN ARE FOR 1 INCH TAPE. GOOD CONDITION.  
AMPEX SERIAL 55K114 \$ 500.00
- DBX 124 NOISE REDUCTION UNIT. EXCELLENT CONDITION. \$ 260.00
- 007 JBL 2205A, 15" WOOFER, 8 OHMS. BRAND NEW IN ORIGINAL CARTON. \$ 90.00
- SHURE 55-S MICROPHONE. EXCELLENT CONDITION. \$ 40.00
- SHURE 556-S MICROPHONE. EXCELLENT CONDITION. \$ 65.00
- 112 4-GANG WAFER ROTARY SWITCHES-11 POSITION W/LOCKOUT.  
7/8" DIAMETER, 1/4" HOLLOW SHAFT FOR (OPTIONAL) INSERTION OF  
ADDITIONAL CONTROL ON BACK. STANDARD-GRIGSBY, U.S.A.  
BRAND NEW. NEVER USED. (\$2.66 EA: ORIG. COST \$8.00 EA) LOT PRICE \$ 298.00
- 17 SWITCHCRAFT PUSHBUTTON LITTEL MUTLI-STATION SWITCH ASSEMBLIES.  
ILLUMINATED SERIES 37000. 7 STATIONS PER ASSEMBLY.  
2 CONTACTS PER STATION, 2 POLES FOR SWITCHING, 1 POLE  
FOR LIGHTING. PUSH-PUSH. BRAND NEW. NEVER USED.  
(\$17.50 EACH: ORIG. COST \$38.00 EA) LOT PRICE \$ 297.00
- STANCIL-HOFFMAN 16MM MAG RECORDER. NEW ERASE/RECORD/PLAY HEADS;  
INCHING KNOB, 2-SPEED DRIVE. INDIVIDUAL RECORD-ERASE-PLAY  
AMPS & POWER SUPPLY. TUBE TYPE. MATCHING 1/4" MONO TAPE RECORDER  
15 IPS (RECORD ELECTRONICS NEEDS WORK-16 MAG ELECTRONICS WILL  
SUBSTITUTE). UNITS RACK MOUNT & ARE NOW IN USE. AS IS. BOTH \$ 1,850.00
- NAGRA III SLP SYNCHRONIZER-RESOLVER. MINT CONDITION. \$ 775.00
- 008 LATHE DESCRIPTION AS FOLLOWS: PRESTO 6N LATHE WITH ONE SCREW FOR  
120 GROOVES. LESS COVER AND PLAYBACK ARM. MOUNTED ON PORTABLE  
BOTTOM. UNIT IS IN GOOD CONDITION, BUT SHOWS SIGNS OF USE.  
TABLE ROTATES AND LATHE TURNS WHEN POWER IS APPLIED. IDLER  
WHEELS AND TABLE BEARING APPEAR TO BE IN GOOD CONDITION. \$ 100.00



# ASCO CONSIGNMENT

## ASCO CONSIGNMENT SECTION

009	MOTOROLA 60 WATT BASE STATION FOR 150 MHZ. REMOTE PICK-UP, DESK MOUNT CABINET. EXCELLENT CONDITION.	\$ 450.00
	GARRON STE-100 PHASE ENHANCER, PERFECT. IN CARTON.	\$ 575.00
	NATIONAL HRO SIXTY GENERAL COVERAGE/AMATEUR RECEIVER, MINT CONDITION. SPEAKER, MANUAL AND ALL COILS.	\$ 250.00
	REGENCY SCANNER RECEIVER, 150 MC. BAND, EIGHT FREQ.	\$ 95.00
	JIM LANSING SIGNATURE WOOFER, 15" GOOD CONDITION.	\$ 25.00
	KAHN SP58-1A SYMETRAPEAK UNITS. EXCELLENT CONDITION. PRICE EACH.	\$ 90.00
	7 AUDIOPAK 600 MODEL B CARTRIDGES, 2-15 MINUTE AND 5-22 MINUTE. BRAND NEW.	PRICE EACH. \$ 4.00
	AUDIOPAK 1200 MODEL C CARTRIDGE	\$ 5.50
	2 FAIRCHILD 673 DYNALIZERS. EXCELLENT CONDITION. PRICE EACH.	\$ 100.00
	1 FAIRCHILD 663 LIMITER. EXCELLENT CONDITION.	\$ 100.00
	1 FAIRCHILD 661-TL AUTO-TEN. EXCELLENT CONDITION.	\$ 75.00
	1 HEATH IM-12 DISTORTION ANALYZER, EXCELLENT CONDITION.	\$ 65.00
	1 SONAR HAND-HELD 150 MHZ REMOTE PICKUP TRANSCIEVER-MODEL 2305	\$ 300.00



# ASCO AS-4000

## NEW CONCEPT IN CASSETTE RECORDING SYSTEMS

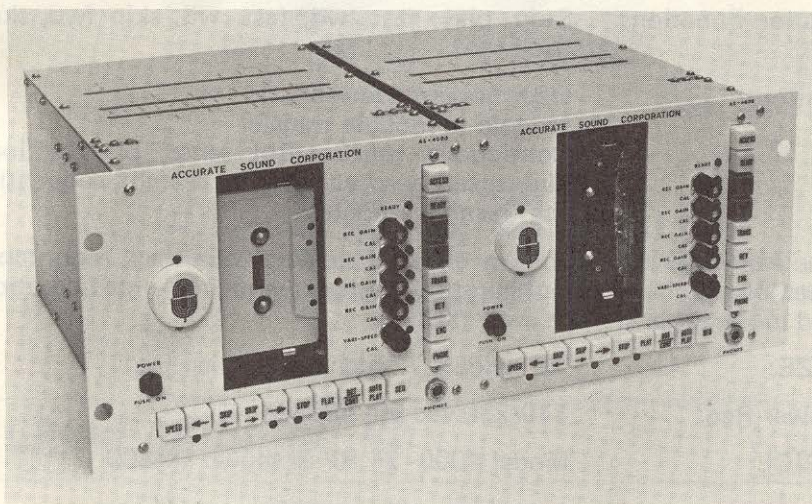
Finally, there is a cassette format recording system that fulfills those unusual and demanding needs normally accomplished only by much larger reel-to-reel systems. Uses to include, but not limited to spot announcements, data logging, dictation, cassette duplicating, general recording and playback applications.

### DESCRIPTION:

The Asco AS-4000 is a rack mounted system using sturdy modular construction to provide improved reliability and maintainability.

The tape transport uses a rugged four-motor design to ensure uniform tape motion, low flutter and safe, fast motion characteristics. Fast motion speeds approach 150 ips and provisions are designed into the control circuitry to prevent damage to the relatively fragile cassette tape. The transport system provides a controlled end-of-reel speed reduction to preclude abrupt snap to the tape at the end of the tape supply.

The transport provides automatic end-of-tape sensing, detection of takeup failure, instant start/stop control, latch-in rewind and fast forward, and skip forward and skip backward functions all under full servo control.



ASCO AS-4000 24RP Cassette System

NEW HOURS: Monday - Thursday 8:00 to 5:00 • Telex ASCO 34-8327





# ASCO CONSIGNMENT

## ASCO CONSIGNMENT SECTION

- 005 ELECTRONICS STUDER A-80 MARK I. USED 100 HOURS. EX. CONDITION. EACH \$ 920.00  
REVERB UNIT WITH REMOTE. AKG BX20E. 3½ YEARS OLD. IN WARRANTY  
CONDITION. (PER MANUFACTURER) \$ 2,875.00
- 006 AMPEX FR1100 TAPE TRANSPORT, COMPLETE WITH EXTRA CAPSTAN MOTOR.  
ALL GUIDES AND CAPSTAN ARE FOR 1 INCH TAPE. GOOD CONDITION.  
AMPEX SERIAL 55K114 \$ 500.00  
DBX 124 NOISE REDUCTION UNIT. EXCELLENT CONDITION. \$ 260.00
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SHURE 55-S MICROPHONE. EXCELLENT CONDITION. \$ 40.00  
SHURE 556-S MICROPHONE. EXCELLENT CONDITION. \$ 65.00
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7/8" DIAMETER, ¼" HOLLOW SHAFT FOR (OPTIONAL) INSERTION OF  
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BRAND NEW. NEVER USED. (\$2.66 EA: ORIG. COST \$8.00 EA) LOT PRICE \$ 298.00
- 17 SWITCHCRAFT PUSHBUTTON LITTEL MUTLI-STATION SWITCH ASSEMBLIES.  
ILLUMINATED SERIES 37000. 7 STATIONS PER ASSEMBLY.  
2 CONTACTS PER STATION, 2 POLES FOR SWITCHING, 1 POLE  
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INCHING KNOB, 2-SPEED DRIVE. INDIVIDUAL RECORD-ERASE-PLAY  
AMPS & POWER SUPPLY. TUBE TYPE. MATCHING ¼" MONO TAPE RECORDER  
15 IPS (RECORD ELECTRONICS NEEDS WORK-16 MAG ELECTRONICS WILL  
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	1 FAIRCHILD 661-TL AUTO-TEN. EXCELLENT CONDITION.	\$ 75.00
	1 HEATH IM-12 DISTORTION ANALYZER, EXCELLENT CONDITION.	\$ 65.00
	1 SONAR HAND-HELD 150 MHZ REMOTE PICKUP TRANSCIEVER-MODEL 2305	\$ 300.00
010	AMPEX MM1100 16-TRACK. 10 MONTHS OLD. EX. CONDITION. S/N 131260	\$16,500.00
	QUAD EIGHT COMPUMIX I 24-CHANNEL PROGRAMMABLE AUTOMATED MIXING SYSTEM. 10 MONTHS OLD. EXCELLENT CONDITION. WILL INTERFACE WITH MOST PROFESSIONAL MIXING BOARDS. XLR IN & OUT.	\$14,500.00
	QUAD EIGHT DIGITAL DELAY-MODEL TM499. EXCELLENT CONDITION. 10 MONTHS OLD. S/N 113 WITH 1 TO 79 MS DELAY AND 1 OUTPUT. CAN BE UPDATED TO 499 MS PLUS 5 OUTPUTS.	\$ 2,000.00
	DBX RM157 (4 CHANNELS OF DBX IN 19" X 3 1/2" RACK MOUNT)	\$ 1,000.00
	AMPEX AG440C 4-TRACK 1/2" IN CONSOLE WITH 2-TRACK HEAD ASSY.	\$ 4,950.00
011	TAPCO 600R - 6 IN, 2 OUT MIXER	\$ 236.00
	NEUMANN N452 STEREO MICROPHONE POWER SUPPLY. 2 EACH. PRICE EACH.	\$ 88.00



# ASCO CONSIGNMENT

## ASCO CONSIGNMENT SECTION

011	BS-36-W Big Boom Mic Stands. MINT CONDITION. 2 EACH. PRICE EACH.	\$ 70.00
	SOUND WORKSHOP MODEL 242 STEREO REVERB UNIT	\$ 295.00
	ANVIL UTILITY CASE	\$ 53.10
	WAREHOUSE SOUND 19-PAIR, 100 FT. SNAKE CABLE WITH 2 STAGE BOXES AND EXTRA STUB.	\$ 383.50
	3M SERIES 400 M-23, 8-TRACK TAPE RECORDER, 6 YEARS OLD. REPLACED HEADS (MINIMAL WEAR). VERY GOOD CONDITION. SPECS AND PICTURES AVAILABLE ON REQUEST.	\$ 7,676.00
	McINTOSH 6100 PREAMP	\$ 700.00
	AKG BX20E STEREO REVERB	\$ 2,655.00
012	IGM 500 STEREO AUTOMATION. 4 YEARS OLD. EXCELLENT CONDITION WITH SPARE PARTS. CONSISTS OF 5 ROLLOUTS, 10 VOICE AND MUSIC CHANNELS, 1 MONO 48 TRAY INSTACART, 500 STEP DA MOS MEMORY WITH BATTERY BACKUP, REMOTE CONTROL, 364J LOGGER, SMC 382A TIME ANNOUNCER, 2 SMC 250 SEQUENTIAL CAROUSELS, REMOTE CONTROL, LOGGER ENCODER, 10-STEP MUSIC SEQUENCER, SILENCE SENSOR, THREE RACKS, 500 CONTROL UNIT.	\$28,900.00
013	GATES MODEL M-6205 SCA GENERATOR; FOR USE WITH GATES TE-1 OR TE-3 EXCITERS. LIKE NEW CONDITION. SELLS NEW FOR \$725.00.	\$ 413.00
	ELECTRO VOICE RE-55 MICROPHONE. LIKE NEW.	\$ 112.00
	CBS MODEL 8400 IMAGE ENHANCER. EXCELLENT CONDITION.	\$ 1,770.00
	TELEMET MODEL 3508C TEST SIGNAL GENERATOR. NEEDS SOME WORK. IB INCLUDED. WORTH ABOUT \$3,000.00 NEW.	\$ 885.00
	GATES MODEL M6690 INTEGRATED CIRCUIT TURNTABLE PREAMPLIFIERS. TWO FOR STEREO. THREE AVAILABLE. PRICE EACH.	\$ 70.00
	GE STEREO EQUALIZED TURNTABLE PREAMPLIFIER. EXCELLENT CONDITION.	\$ 88.00
	BIRD MODEL 460 RF DIRECTIONAL WATTMETER. 25KW, 3-1/8" FLANGED SAMPLE SECTION. NEW \$260.00. NEVER BEEN USED.	\$ 188.00
	DOLBY 324B PROCESSOR. EXCELLENT CONDITION.	\$ 885.00



# ASCO CONSIGNMENT

## ASCO CONSIGNMENT SECTION

- 016 ALLEN & HEATH CONSOLE. 16 x 8 DIRECTS. CONSOLE HAS BEEN MODIFIED TO INCLUDE 8 DIRECT OUTPUTS IN ADDITION TO THE 8 BUSES. CONSOLE IS COMPLETE WITH 16-TRACK MONITOR AND IS CURRENTLY INSTALLED IN A 16-TRACK STUDIO. LESS THAN 1 YEAR OLD.
- |                                 |             |
|---------------------------------|-------------|
| CONSOLE ONLY.                   | \$ 6,490.00 |
| WITH PRODUCERS DESK & PEDESTAL. | \$ 6,844.00 |
- 017 RECORDING STUDIO EQUIPMENT, PRESENTLY IN OPERATION IN CHICAGO. CONDITION OF EQUIPMENT IS FLAWLESS; HAS BEEN USED ABOUT 200 HOURS; NONE EXCEEDS TWO YEARS OF AGE:
- |  |               |
|--|---------------|
| 1 AMPEX AG500 WITH PORTABLE CASE                   | \$1050        |
| 1 AMPEX AG440C-2 IN CONSOLE W/SERVO MOTOR          | \$4250        |
| 1 AMPEX AM-10 MIXER W/METER PANEL IN PORTABLE CASE | \$ 580        |
| 1 UREI 1176L-N PEAK LIMITER                        | \$ 375        |
| PULTEC EQH-2 PROGRAM EQUALIZER (1)                 | \$ 280        |
| 1 ALTEC 1593B POWER AMPLIFIER                      | \$ 225        |
| 1 ALTEC 9844A MONITOR SPEAKER SYSTEM               | \$ 475        |
| 1 CUSTOM ECHO, RACK MOUNT                          | \$ 150        |
| 1 RCA 77DX MICROPHONE                              | \$ 75         |
| 2 SENNHEISER 405 CONDENSER MICROPHONES (\$200 EA)  | \$ 400        |
| 1 SENNHEISER 405 POWER SUPPLY                      | \$ 60         |
| 1 SHURE 515SB                                      | \$ 25         |
| 1 SHURE 55S  | \$ 40         |
| 2 SONY ECM-50 CONDENSER MICROPHONES (\$125 EA)     | \$ 250        |
| 1 CUSTOM RELAY PACKAGE/SLATE-TB/PRODUCER MIC       | \$ 190        |
| 1 48-POSITION JACK PANEL WITH 7 PATCH CORDS        | \$ 85         |
| 1 BUD 6-FOOT RELAY RACK WITH PANELS & WIRING       | \$ 75         |
| 1 AC SURGE PROTECTOR                               | \$ 45         |
| 1 75-FT MULTI-CONDUCTOR CABLE & STAGE BOX 12XLR    | \$ 100        |
| 2 ATLAS BS36W BOOM STANDS (\$90 EA)                | <u>\$ 180</u> |
| TOTAL  | \$8910        |
| 5% PACKAGE DISCOUNT                                | <u>-445</u>   |
| PACKAGE TOTAL                                      | \$ 8,465.00   |
- 018 CUSTOM 440/351, 4-TRACK 1/2" 7 1/2/15 IPS RECORDER/REPRODUCER SYSTEM IN PORTABLE CASE WITH CASTERS.
- \$ 3,950.00



# ASCO CONSIGNMENT

## ASCO CONSIGNMENT SECTION

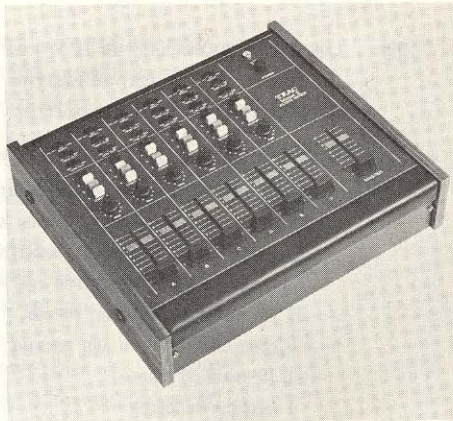
- 019 LANGEVIN AM 4 CONSOLE. 14 IN X 4 OUT, ROTARY POTS, 4 ADDED ECHO SEND VU METERS, 10 POSITION INPUT SELECTOR (MIC OR 2 LINE INPUTS). GOOD CONDITION. SELLS NEW \$9,700.00 \$ 2,300.00
- 020 MODEL ASC 12x4SP MIXING CONSOLE. S/N #S1172-1. 12 MICROPHONE INPUTS USING LANGEVIN AM401 INPUT MODULES; EXPANDABLE TO 16 INPUTS BY SIMPLY INSERTING FOUR ADDITIONAL MODULES. INPUT CONTROLS ARE ALL XL TYPE, MOUNTED ON AN ENGRAVED ALUMINUM PANEL TO PROVIDE INPUTS FOR THE FOLLOWING:
- 16 LOW LEVEL MICROPHONE INPUTS
  - 4 ECHO CHAMBER SEND AND RECEIVE INPUTS
  - 1 16-TRACK RECORDER
  - 1 4-TRACK RECORDER
  - 1 2-TRACK RECORDER
  - 3 LIMITERS
  - 4 EQUALIZERS
  - 3 AUXILIARY INPUTS
- PICTURES UPON REQUEST. SYSTEM PRICE. \$25,000.00
- 021 AMPEX CL10 2-CHANNEL 15/16 - 1-7/8 IPS IN PORTABLE CASE. NEW-30 DAY PARTS & LABOR WARRANTY. \$ 500.00
- AMPEX AG350-2. UNMOUNTED TRANSFORMER. NEW. \$ 1,450.00
- MM1000 OR AG440-8, 1" SCRAPE FLUTTER IDLER, #4041048-01 \$ 90.00
- 601/600 HEAD ASSEMBLY. FULL TRACK MONO-NEW, #4020101-10 \$ 225.00



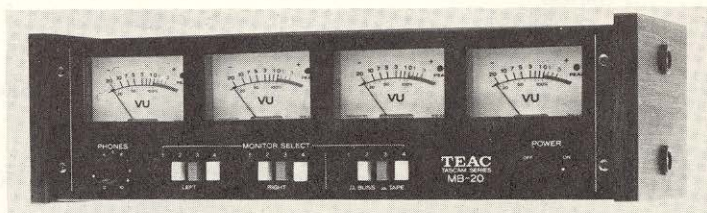
# ASCO/TEAC 4-CANNEL RECORDING SYSTEM



TEAC A-2340SX



TEAC Model 2 Audio Mixer

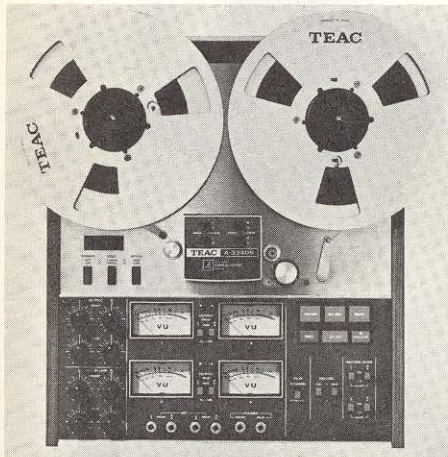


TEAC/TASCAM MB-20

Item	Qty		
1	1	Teac Model 2 Mixer	\$ 350.00
2	1	Teac Model MB-20 Meter Panel	\$ 170.00
3	1	Teac Model A2340 SX 4-channel Recorder	\$ 900.00
4	1	Teac Model A2300 SX 2-channel Recorder	\$ 620.00
5	1	Tapco Model 4400 Stereo Reverb	\$ 389.00
6	1	SAE Model 31B Amplifier	\$ 250.00
7	2	MDM TS1-4 Speakers @ \$280.00 each	\$ 560.00
8	2	Teac Model ME-120 Cond. Mics @ \$128.50	\$ 257.00
9	2	Teac Model ME-80 Cond. Mics @ \$85.00	\$ 170.00
10	2	Teac Model MC-106L Dynamic Mic @ \$21.50	\$ 43.00
11	4	Teac Model 109 Input Mic TX @ \$21.50	\$ 86.00
12	6	Atlas Model MS12C Mic Stands @ \$22.90	\$ 137.40
13	4	Atlas Model BB-44 Boom @ \$16.40	\$ 65.60
14		System Wiring and Check-out to include all cables, connectors, etc.	\$ 200.00
			<b>TOTAL</b>
			<b>\$4,198.00</b>
<b>Options:</b>			
1	1	Beyer M500 Ribbon Microphones @ \$159.95	\$ 319.90
2	2	Atlas MS20 Mic Stands @ \$35.85	\$ 71.70
3	1	E1 Head Demagnetizer	\$ 19.00
4	1	E2 Bulk Tape Eraser	\$ 85.00
5	1	DBX RM157 Noise Reduction Unit	\$1,200.00
6	1	PB-64 Patch Bay-64 point RCA	\$ 95.00



# ASCOTASCAM 4-CHANNEL RECORDING STUDIO



**TEAC A-3340S**



**TEAC/TASCAM Model 3**

Item	Qty		
1	1	Tascam Model 3 8 x 4 Mixing Console	\$ 895.00
2	1	Teac Model A3340S 4-Channel Recorder	\$1,285.00
3	1	Teac Model A2300 SX 2-Channel Recorder	\$ 620.00
4	1	Tapco Model 4400 Stereo Reverb	\$ 389.00
5	1	SAE Model 31B 50 watt RMS per channel	\$ 250.00
6	2	MDM TS1-4 Speakers @ \$280.00 each	\$ 560.00
7	2	Teac Model ME-120 Condensor Mics @ \$128.50 each	\$ 257.00
8	2	Teac Model ME-80 Condensor Mics @ \$85.00 each	\$ 170.00
9	2	AKG D202E Dynamic Mics @ \$155.00 each	\$ 310.00
10	4	Atlas MS12C Mic Stands @ \$22.90 each	\$ 91.60
11	2	Atlas MS20 Mic Stands @ \$35.85 each	\$ 71.70
12	4	Atlas BB-44 Mic Boom Stands @ \$16.40 each	\$ 65.60
13		System Wiring & Check-out to include all Cables, Connectors, etc.	\$ 300.00
			<b>TOTAL</b>
			<b>\$5,264.90</b>

**Options:**

1	2	Beyer M500 Ribbon Mics @ \$159.95 each	\$ 319.90
2	2	Atlas MS12C Mic Stands @ \$22.90 each	\$ 45.80
3	1	E1 Head Demagnetizer	\$ 19.00
4	1	E2 Bulk Tape Eraser	\$ 85.00
5	1	DBX Model 154 Noise Reduction Unit	\$ 750.00
6	1	PB-64 Patch Bay-64 point RCA	\$ 95.00
7	1	Head Phone Junction Box	\$ 35.00
8	4	MPC Headphones @ \$12.50 each	\$ 50.00
9	1	SAE 31B 20 watt per channel for Headphone Amp	\$ 250.00

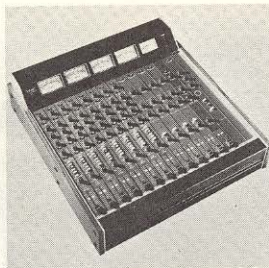
**NEW HOURS: Monday - Thursday 8:00 to 5:00 • Telex ASCO 34-8327**



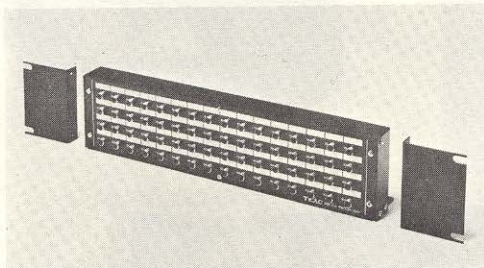
# ASCO/TASCAM 8-TRACK RECORDING STUDIO



Optional 5EX



TEAC/TASCAM Model 5



TEAC Optional PB-64



TEAC/TASCAM Model 80-8

Item	Qty		
1	1	Tascam Model 5 Mixing Console 8 x 4 w/talk back	\$1,700.00
2	1	Tascam Model 1 8 x 2 Line Level Mixer	\$ 143.00
3	1	Tascam Model 80-8 8-channel 1/2" Recorder	\$2,995.00
4	1	Tascam Model DX-8 8-channel DBX Noise Reduction System	\$ 995.00
5	1	Teac Model A3300SX 2-channel Recorder	\$ 745.00
6	1	Tapco Model 4400 Stereo Reverberation System	\$ 389.00
7	1	SAE Model 31B 50 watt per channel Amplifier	\$ 250.00
8	4	MDM TSI-4 Speakers @ \$ 280.00	\$1,120.00
9	2	Teac Model ME-120 Condenser Mics @ \$128.50	\$ 257.00
10	2	Teac Model ME-80 Condenser Mics @ \$85.00	\$ 170.00
11	2	AKG D202E Dynamic Mics @ \$155.00	\$ 310.00
12	2	Beyer M500 Ribbon Mics @ \$159.95	\$ 319.90
13	6	Atlas MS12C Mic Stands @ \$22.90	\$ 137.40
14	2	Atlas MS20 Mic Stands @ \$35.85	\$ 71.70
15	4	Atlas BB-44 Mic Booms @ \$16.40	\$ 65.60
16		System Wiring & Check-out to include all Cables, Connectors, etc.	\$ 500.00
<b>TOTAL</b>			<b>\$10,168.60</b>
<b>Options:</b>			
1	1	5EX Expander for Model 5 (adds 8 input modules)	\$1,250.00
2	1	YTT-1144 1/2" Calibration Tape for 80-8	\$ 60.00
3	1	PB-64 Patch Bay-64 Point RCA	\$ 95.00
4	1	RC-170 Remote Control for 80-8	\$ 55.00
5	1	E1 Head Demagnetizer	\$ 19.00
6	1	E2 Bulk Tape Eraser	\$ 85.00
7	1	ASCO Head Phone Junction Box	\$ 35.00
8	4	MPC Head Phones @ \$12.50	\$ 50.00
9	1	SAE 31B Head Phone Amplifier	\$ 250.00

114 5th Avenue, Redwood City, California 94063 • Telephone: (415) 365-2843

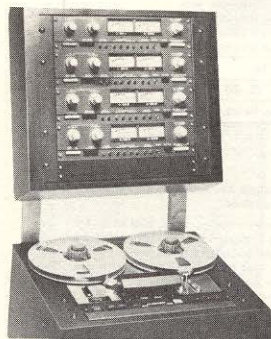
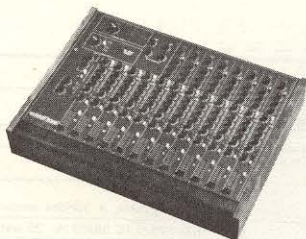




# ASCO/SOUND WORKSHOP

## 8-TRACK RECORDING SYSTEM

SOUND WORKSHOP 1280B



OTARI MX 50-50-8



TEAC Model 25-2

Item	Qty		
1	1	Sound workshop Model 1280B 12 x 8 Recording Console	\$ 3,200.00
2	1	OTARI Model MX5050-8 1/2" 8-Channel Recorder	\$ 4,295.00
3	1	Tascam 25-2 Recorder, 2-Channel w/DBX	\$ 1,850.00
4	2	DBX RM157 Noise Reduction Units @ \$1200.00 each	\$ 2,400.00
5	1	ASCO Sideman Equipment Cabinet	\$ 350.00
6	1	Sound Workshop Model 242A Stereo Reverb	\$ 450.00
7	2	SAE Model 31B 50 watt RMS per Channel Amp @ \$250.00	\$ 500.00
8	4	JBL 4311WX Speakers @ \$333.00 each	\$ 1,332.00
9	8	MPC Headphones @ \$12.50 each	\$ 100.00
10	2	ASCO Headphone Junction Boxes @ \$35.00 each	\$ 70.00
11	2	Teac Model ME-120 Condenser Mics @ \$128.50 each	\$ 257.00
12	2	Teac Model ME-80 Condenser Mics @ \$85.00 each	\$ 170.00
13	2	AKG D202E Dynamic Mics @ \$155.00 each	\$ 310.00
14	2	Beyer M500 Ribbon Mics @ \$159.95 each	\$ 319.90
15	2	Beyer M160 Ribbon Mics @ \$230.00 each	\$ 460.00
16	4	Atlas MS20 Mic Stands @ \$35.85 each	\$ 143.40
17	6	Atlas MS12C Mic Stands @ \$22.90 each	\$ 137.40
18	6	Atlas 8B-44 Mic Boom Stands @ \$16.40 each	\$ 98.40
19		System Wiring & Check-out to include all Cables, Connectors, etc.	\$ 500.00
			<b>TOTAL</b>
			\$16,943.10
<b>Options:</b>			
1	1	Sound Workshop 8-Channel Meter Bridge	\$ 895.00
2	1	Sound Workshop Model 1280 Expander (12 Inputs)	\$ 2,150.00
3	1	Rack Kit for OTARI	\$ 50.00
4	1	Remote Control for OTARI	\$ 100.00
5	1	Portable Case Covers for OTARI (4)	\$ 180.00
6	1	RWC-2 Console for Tascam 25-2	\$ 225.00
7	1	ASCO Console for OTARI	\$ 340.00
8	1	ASCO 96-point Patch Panel	\$ 995.00
9	2	Neuman U87 Condenser Mics @ \$695.00 each	\$ 1,390.00
10	1	Neuman N80 I Power Supply	\$ 60.00
11	2	Atlas BS36W Boom Stands @ \$164.75 each	\$ 329.50

NEW HOURS: Monday - Thursday 8:00 to 5:00 • Telex ASCO 34-8327



# ASCO AS-4000

## SPECIFICATIONS

### Electronics:

Freq. Response: 3-3/4 30 to 12 kHz  $\pm$  3 dB  
1-7/8 50 to 8 kHz  $\pm$  3 dB  
15/16 ips 100 to 4 kHz  $\pm$  3dB

Input: Nominal 0.778 v rms 600 or 10,000 ohms unbalanced

Output: Nominal 0.77 v 600 ohms unbalanced

Tracks: 4 tracks, standard dual half track  
Erase: 50 db below nominal record level.  
Erase frequency 250 kHz

Crosstalk: Better than 40 dB above 250 Hz

Transport:  
Tape Speed: Any two speeds .5 ips to 20 ips with variable adjust around selected speed.

Start/Stop Time: 0.1 sec. maximum

Fast Rewind Time: 30 seconds for 60 minutes cassette

Wow & Flutter: Less than .18% RMS at 1-7/8

Motion Functions: Stop, play, fast fwd, fast rwd, skip fwd, skip backward.

Options: DBX noise reduction  
Module to module transfer  
Continuous run/Eot/Bot sense, bi-direction, high speed head engage (for search), sequential run (using 2 modules)

The AS-4000 is available in either a single or dual rack mountable assembly. In the dual configuration, both sequential on-line operation and module transfer are available.

SIZE: 19" wide x 7" high x 12" deep

Power Req: 110/230 vac 50-400 Hz.

PRICE: Model 4000-24 RP as shown \$4,800

WRITE FOR COMPLETE SPECS AND PRICING



# ASCO/SOUND WORKSHOP

## 8-TRACK RECORDING SYSTEM

### SPECIFICATIONS

Mic input equivalent noise: (10Hz-20kHz UNWTD)		-124dBm -128dBm (1280B)
Output buss noise: (10Hz-20kHz UNWTD)	1 input assigned 12 inputs assigned	-86dBm -80dBm
Crosstalk:		60dB (2kHz)
Frequency response:	(any input to any output)	+25dB - .75dB (20Hz-20kHz)
Distortion:	Typical Maximum	.04% .15% (20kHz, + 10dBm output)
Power requirements:		105-125 VAC 50/60 Hz, 20 watts
Connectors:	Mic inputs Line inputs 9-12 Fader inputs Talkback mic input All others	3 pin female XLR ¼ inch phone jack ¼ inch phone jack ¼ inch phone jack RCA phono jack
Shipping Weight:		49 lbs.
Dimensions:		27" W: 20" D: 5½" H
Warranty:		Two years, parts and labor

### MORE ABOUT THE 1280B

Essentially a 12-in/8-out recording console, the **Sound Workshop 1280** meets and exceeds most of the technical specifications of even the largest studio consoles.

The **1280** has 12 inputs, 8 outputs, an 8x2 stereo control room monitor mix, and an 8x1 musicians cue mix. An independent 2-track mixdown buss is provided as well. Each of the 12 inputs features 3 band equalization, 35 dB trim control, push-button track assign, full panning, echo send, locking solo and mute switches, 26 dB mic pad, mic/line switching, straight line fader, and pre and post fader patch points. All ten output busses feature **Sound Workshop's** unique Tri-Lite LED Readouts which allow level monitoring of all output busses at a glance, even when recording 8 tracks simultaneously. Superior transient response and low noise are assured through the use of transformerless low Z mic pre-amps. All talkback, slate, and "talkback into cue" switching functions are an integral part of the console. The 8 tape/buss switches permit the monitor mixes to be fed by the buss outputs or the multi-track tape machine, for total flexibility in monitoring even when using single ended noise reduction systems.

### MORE ABOUT THE OTARI-MODEL MX-5050-8

The new eight channel MX-5050-8 from Otari is a compact half-inch eight channel recorder with a full complement of professional performance and features. It is specifically designed for those small studios, musical groups, and serious recordists, who haven't been able to afford multichannel recording before and don't require compatibility with standard one-inch eight track machines. The MX-5050-8 will also find a variety of uses in schools, universities, and training applications to record master tapes for audio visual presentations, videotapes, and films, or to teach multichannel recording.

Here are some of the features of the MX-5050-8 that make it the logical choice for beginning eight channel systems:

- Selective reproduce on all eight channels.
- Motion sensing to prevent tape damage.
- Front panel edit to allow spilling and rocking.
- Adjustable cueing control for audible monitoring in fast modes.
- Variable speed ( $\pm 10\%$ ) dc capstan servo standard.
- Front adjustable bias, record EQ, output level.
- Bias adjustable for new high energy tapes.
- 600 ohm variable or fixed outputs (switchable +4 or -10 dBm).
- XLR line input and output connectors.
- Plug-in card electronics.
- Punch-in/punch-out record capability without clicks or pops.

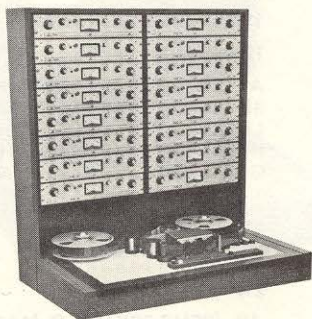
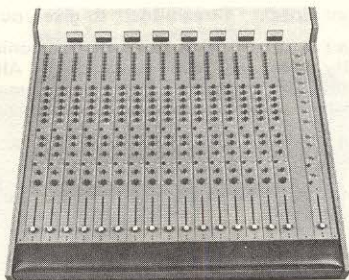
### MORE ABOUT THE TASCAM 25-2

The 25-2 is a ¼-track, 2-channel recorder/reproducer that pulls tape at 15 and 7½ ips. To make sure you have complete reproduce compatibility, an extra head (¼-track) is provided. The 25-2 uses a direct-drive, DC servo-controlled capstan motor and two eddy current induction reel motors. Includes professional DBX noise reduction system.

The DBX adds approximately 30dB to the signal-to-noise ratio giving you an overall s/n of 100dB.



# ASCO/SPECK 16 CHANNEL RECORDING SYSTEM



Item	Qty	Description	Price	Item	Qty	Description	Price
1	1	Speck Model 1 SP 800 C 16 in, 16 direct out, 8 sub mix buss, 16-track monitor	\$ 5,500.00	18	2	Neumann U87 Condenser Mics @ \$695.00	\$ 1,390.00
2	1	ASCO Patch Panel - 96 Patch Points	\$ 995.00	19	1	Neumann N-80 J Power Supply	\$ 50.00
3	1	16-track 2" Recorder-Reconditioned Scully 280 16-track (pictured & subject to availability) - Could be substituted with Ampex-3M or MCI	\$14,500.00	20	6	Atlas MS20 Mic Stands @ \$35.85	\$ 215.10
4	1	Tascam 2S-2 Recorder 2-channel w/OBX	\$ 1,850.00	21	8	Atlas MS12C Mic Stands @ \$22.90	\$ 183.20
5	1	Ampex 440B 2-channel in console, Reconditioned	\$ 3,200.00	22	2	Atlas BS36W Boom Stands @ \$164.75	\$ 329.50
6	1	ASCO Sideman Equipment Cabinet	\$ 350.00	23	8	Atlas BB-44 Booms @ \$16.40	\$ 131.20
7	1	AKG BX10 Reverberation System	\$ 1,995.00	24		System Wiring & Check-out to include all Cables, Connectors, etc.	\$ 2,500.00
8	1	SAE Model 318 50 watt RMS per Channel Amplifier	\$ 250.00			<b>TOTAL</b>	<b>\$39,762.90</b>
9	4	JBL 4331A Studio Monitors @ \$768.00	\$ 3,072.00	<b>Options:</b>			
10	2	Crown D150A Amps @ \$499.00	\$ 998.00	1	1	RWC-2 Console for Tascam 2S-2	\$ 225.00
11	2	ASCO Head Phone Junction Box @ \$35.00	\$ 70.00	2	1	Orban/Parasound Parametric Equalizer, 2-channel model 621 B/R W/PS	\$ 798.00
12	8	MPC Head Phones @ \$12.50	\$ 100.00	3	1	Countryman Phase Shifter - Model 968A with Model 969 Triangle Wave Oscillator	\$ 477.50
13	4	Teac Model ME120 Condenser Mics @ \$128.50	\$ 514.00	4	1	Frap Flat Response Audio Pickup-Model F200R	\$ 578.00
14	2	Teac Model ME80 Condenser Mics @ \$85.00	\$ 170.00	5	1	MRL Model 51J213 2" 15 ips alignment tape	\$ 350.00
15	4	AKG D202E Dynamic Mics @ \$155.00	\$ 620.00	6	1	MRL Model 21J205 1/4" 15 ips alignment tape	\$ 33.00
16	2	Beyer M500 Ribbon Mics @ \$159.95	\$ 319.90	7	1	MRL Model 21J204 1/4" 7 1/2 ips alignment tape	\$ 33.00
17	2	Beyer M160 Ribbon Mics @ \$230.00	\$ 460.00	8	1	RB Annis Head Demagnetizer	\$ 29.95

**NEW HOURS: Monday - Thursday 8:00 to 5:00 • Telex ASCO 34-8327**  
81



# ASCO/SPECK 16 CHANNEL RECORDING SYSTEM

A sound investment from Speck: Streamlined to give you the most for your money.

What you get is a product that represents years of electronic and marketing research — giving you the highest quality American-made components. All those beautiful basics: the best transformers, meters, resistors, capacitors, operational ease, expandability, and adaptability. Even an informational call-line; and, of course, the Speck warranty.

What you don't get is all the frills. You know what they are. The four-color paint job; the mahogany mainframe; the pillow-packed leather armrest.

The SP 800 B gives you what you really need. A console of the highest professional standards at the lowest possible price.

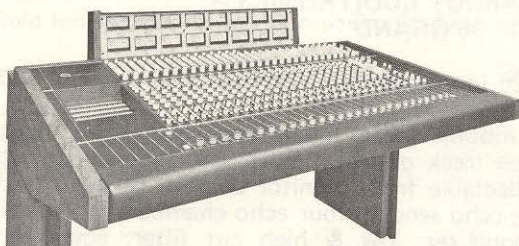
## SPECIFICATIONS FOR SP800B

NORMAL LINE INPUT LEVELS	-20 TO +15 DBM
NORMAL MIC INPUT LEVELS WITH TRANSFORMER	-55 TO +8 DBM
MIC INPUT IMPEDANCE	150 OHMS BALANCED
LINE INPUT IMPEDANCE	10K OHMS
LINE OUTPUT IMPEDANCE	ALL LINE OUTPUTS ARE DESIGNED TO DRIVE A 600 OHM LOAD AND MAY BE OPERATED INTO ANY LOAD 600 OHMS OR GREATER.

MAXIMUM CUE AND ECHO



# ASCO/AUDITRONICS 16-CHANNEL RECORDING STUDIO



**Auditronics Model 501-20-16/24 Mixing Console**



**ASCO MCI 2-Track**



**3M 79-16**

Item	Qty	Description	Price
1	1	Auditronics Model 501-20-16/24 Mixing Console - 20 in. 16 chs. 24 track monitor	\$25,366.00
2	1	3M M79-16 Recorder P/N 83-Q03-1024-9 (Prewired for 24-track)	\$27,560.00
3	1	3M Selectake II	\$ 1,750.00
4	1	ASCO/MCI 4-track 1/2" record/reproduce, in console	\$ 4,980.00
5	2	ASCO/MCI 2-track 1/2" record/reproduce, in console @ \$3,680.00 each	\$ 7,360.00
6	2	Crown Model DC300A Power Amps @ \$849.00 each	\$ 1,698.00
7	4	JBL Model 4331A WX Studio Monitors @ \$804.00 each	\$ 3,216.00
8	1	DBX 16-track Noise Reduction System, Model 216	\$ 9,500.00
9	2	Electro Voice RE20 @ \$317.10 each	\$ 634.20
10	2	Shure SM56 @ \$100.20 each	\$ 200.40
11	1	AKG BX20E Reverberation Unit	\$ 3,500.00
12	2	UREI Model 1176LN Limiters @ \$489.00 each	\$ 978.00
13	1	UREI Model 1176SA Stereo Adapter	\$ 32.00
14	1	UREI Model 530 Graphic Equalizer	\$ 424.00
15	4	Neumann Model U87 Mics @ \$695.00 each	\$ 2,780.00
16	2	Neumann Model KMB4 Mics @ \$230.00 each	\$ 460.00
17	4	AKG Model D202E Mics @ \$112.00 each	\$ 448.00
18	2	AKG Model D120E Mics @ \$56.00 each	\$ 112.00
19	2	Beyer Model M500 Mics @ \$159.95 each	\$ 319.90
20	2	Beyer Model M160 Mics @ \$230.00 each	\$ 460.00
21	4	Atlas Model BS36W Stands @ \$164.75 each	\$ 659.00
22	8	Atlas Model MS25 Stands @ \$61.65 each	\$ 493.20
23	4	Atlas Model MS4 Stands @ \$33.30 each	\$ 133.20
24	12	Atlas Model BB-44 Boom Stands @ \$16.40 each	\$ 196.80
25	2	24-Input Microphone Connector Panels @ \$350.00 each	\$ 700.00
26	8	Sennheiser Model HD414 Headphones @ \$52.95 each	\$ 423.60
27		Systems Wiring & Check-out to include all Cables, Connectors, etc.	\$ 4,200.00
<b>TOTAL</b>			<b>\$98,756.30</b>

**Options:**

1	1	Eventide Model FL201 Instant Flanger	\$ 615.00
2	1	Eventide Model 1745 Digital Audio Delay Line	\$ 4,100.00
3	1	UREI Model 565 Little Dipper Filter Set	\$ 564.00
4	1	Russo Studio Pro Turntable w/Shure Tonearm, Cart and Preamp	\$ 560.00
5	1	Teac Model A850 Cartridge Recorder	\$ 575.00
6	1	Countrymen Phase Shifter Model 968A w/Model 969 Triangle Wave Oscillator	\$ 477.50
7	2	Frap Flat Response Audio Pick-up Model F200R @ \$289.00	\$ 578.00

**Note: System can be upgraded to 24-track by adding the following equipment:**

1	1	3M 24-Channel Head Assembly	\$ 5,200.00
2	8	3M Rec/Play PC Boards @ \$700.00 each	\$ 5,600.00
3	1	DBX 16-channel to 24-channel Update Package	\$ 5,000.00

**NEW HOURS: Monday - Thursday 8:00 to 5:00 • Telex ASCO 34-8327**  
83



# ASCO/AUDITRONICS 16 CHANNEL RECORDING STUDIO

## MORE ABOUT AUDITRONICS — "SON OF 36 GRAND"

Up to 26 input channels, each for mic. and line with the following:

Linear motion fader; microphone gain trim; input on/off switch; solo tape track or input fader; two independent studio cue mixes; echo selectable from monitor channel or input position; echo level control; echo send to four echo chambers in any combination; four knob equalizer; low & high cut filter; equalizer in-out switch; monitor level control; monitor channel assignment L-C-R; monitor sync overdub switch; quad pan pot; quad source selector from monitor matrix or program; independent selection to main 16 output channels.

Twenty-three program output channels (16 main, 4 quad, stereo & mono).

Four echo send & return channels.

Independent monitor echo return control.

Two cue channels.

Four control room monitor channels with automatic change over for multi-track, quad, stereo, & mono.

Two studio monitor channels.

All console outputs at +24 dBm capability, balanced, transformer isolated.

Talkback and communications facility with independent select & level control to program busses, studio, cue 1, & cue 2.

Built in test and calibration oscillator.

Silent electronic switching used for all monitor muting, selection, and input group muting.

Sixteen VU meters switched to indicate level conditions of 31 output channels.

Built-in supply for phantom powering of FET condenser mics.

All active circuitry is contained within plug-in modules.

Extensive patching facilities—all line level inputs and outputs are normalled through jacks as well as numerous internal insertion patch points. Total of 288 jacks, space for 624 total.



# AUDIO/VIDEO

# RECORDING STUDIO

Fully Equipped Studio Located In Ruston, Louisiana — Leased On Site Or Can Be Moved. Items Sold Individually Or Will Accept Bid On Complete Studio.

<u>QUANTITY</u>	<u>DESCRIPTION</u>	<u>PRICE EACH</u>
5	Atlas BS-36W Mic Stands	\$ 100.00
2	Atlas MS-25 Mic Stands	37.00
3	Atlas MS-10C Mic Stands	14.00
1	Atlas MS-11C Mic Stands	16.00
4	Atlas MS-12C Mic Stands	13.00
2	Atlas CS-42 Mic Stands	18.00
5	Atlas BB-1 Mic Stands	10.00
1	Atlas BS-37 Mic Stand & Boom	60.00
3	Gooseneck Mic. GN-13	3.50
1	Neumann Mic, SM69, S/N 1601 (With Power Supply & Cables)	1,165.00
2	Neumann Mic, KM86, S/N 509 & 519	225.00
2	Neumann Mic, U67, S/N 6410 & 6411 (With Power Supply)	550.00
2	Neumann Mic, U87, S/N 9469 & 9470 (With Power Supply)	245.00
1	Neumann Mic, KM83, S/N 4962 (With Power Supply)	80.00
1	RCA Mic, #77DX	175.00
1	Beyer MB301 Mic, S/N 4596	175.00
1	EV Mic, S/N 8566	100.00
1	EV Mic, S/N 6852	40.00
2	EV Mic, #666R, S/N 6844 & NSA	75.00
3	Altec Mic, #M30 with 4665 Xfmr	150.00
1	Altec Mic, #M30 with 4665 Xfmr and extension	150.00
1	Altec Mic, #M30 with extension	150.00
2	Wind Screen for KM86	12.00
12	Altec Amplifier, Model 9475A	80.00
2	Fairchild Auto 10's. #661TL. S/N 1248 & 1252	75.00
2	Roberts Cabinet Speaker System	50.00
1	Altec Power Supply, #9550A	70.00
2	Altec Mic, #689BX	90.00
3	Altec Monitor Speakers, Model 844	325.00
5	Altec Jack Panel #1551A	50.00
3	Altec Mixer Amp #1567A	200.00
4	Altec Compressor Amp #436C	75.00
1	Altec Power Supply #9550A	90.00
1	Altec Stereo Tuner 711A	175.00
4	Altec Amp 351C	115.00

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**85**





# AUDIO/VIDEO

# RECORDING STUDIO

COMPLETE AUDIO/VIDEO STUDIO

<u>QUANTITY</u>	<u>DESCRIPTION</u>	<u>PRICE EACH</u>
18	Altec Line Transformer #15095	\$ 10.00
2	Altec Voice of the Theatre Speaker #A7500	450.00
2	Altec Pan Pot	60.00
2	Altec VU Meter	25.00
1	Altec Console 250SU	1,200.00
1	Canon Lens 50 mm F1 to 1.8	60.00
1	Cosmicar 75 mm lens F1 to 1.4	120.00
1	Cosmicar 50 mm lens F1 to 1.4	60.00
1	Bolex H16 Reflex Camera w/Vario-Switar Lens, Model H16RX with Genuine Leather Carrying Case	1,500.00
1	Complete Set Ampex Head Alignment & Guidepath Tools	300.00
1	Petri 35 mm Camera & Case	250.00
1	Super Lentar 35 mm Lens F1 to 3.5	30.00
1	Zolomatics Zoom Lens F1.5 90 mm & case	550.00
1	AC926 Video Cont.	350.00
1	Ampex Camera CC6007, #2663	200.00
4	Ampex VTR b/w VR5100	600.00
1	Ampex Color VTR VR7800	8,000.00
1	Ampex TR820A, XT625EG	100.00
1	B/W Monitor, TR812	125.00
1	Ampex Camera Outfit CC6455, #1942	200.00
1	Akai Camera/Rec. System VT110DX	800.00
1	Sony Video Cassette Rec. V01600, #1264	1,200.00
1	Sony Video Cassette Rec. V01800, #13011	1,250.00
1	Sony VTR AV5000, #20846	1,000.00
1	Sony Camera Cable CCJ1	50.00
2	Dynair Mini-Dap PD241A	150.00
1	Dynair Mini-Sync SY290B	50.00
1	Rack Mount for 3 Dynair Units	25.00
1	Sony Color TV KV9000U, #35923	275.00
2	TX4A-CH9 Dyna Mod. #046337-A1	800.00
1	Sony Sub-Car. Phase Shifter PSA-101, #1006	300.00
1	Sony Color Sync Dist. DA101, #1038	300.00
1	3M Video Processor, DP100, #00241	2,800.00
2	Sony Color Sync Gen, #CG101	750.00



# AUDIO/VIDEO

# RECORDING STUDIO

COMPLETE AUDIO/VIDEO STUDIO

<u>QUANTITY</u>	<u>DESCRIPTION</u>	<u>PRICE EACH</u>
1	Sony Video Color Pak, CLP1B	\$ 750.00
1	Dynasciences Video Dist, 72	195.00
1	Color Bar Gen, LCG388, #1091279	195.00
1	Sony VTR, EV320, #11193	3,000.00
2	Sony Color Monitor CVM1200	500.00
1	Dynair Mini 6	50.00
1	Dynair Mini-Split SEG	400.00
1	Dynair Switcher Fader VS-121B	1,800.00
1	Kalart Projector 418, #MW1459	500.00
1	Sony Film Chain VCRI, #1064	800.00
1	Kodak Carousel 850 Projector	50.00
1	Packard Bell B/W Camera w/Hercules Tripod, Base & Photo Zoom Lens	2,000.00
2	Samson Tripod 730 w/Pan & Tilt Table	300.00
2	Samson 7601 Base w/casters	100.00
2	Sony Color Camera DXC5000, #10428 & 1010 with CN1 Encoder Board	9,500.00
1	Panasonic B/W Camera WV350P, #01043	195.00
1	Sony Color TV KV9000U, #42254	350.00
2	Colortran MiniLite LQM6A	35.00
1	Kodak Projection Lens - 3" F3.5	35.00
1	Akai Model VTS-150 AC/DC Color Camera/Recorder, Complete with batteries & battery charger using $\frac{1}{4}$ " color video tape	4,000.00
2	33' Sony Camera Cable	95.00
1	Sekonic L28 Light Meter	35.00
1	Dynaire Extender Board for Switches	25.00
1	Videcon 7262	75.00
1	Ampex AG350-3 Recorder	2,200.00
1	Ampex AG440-4 Recorder	3,950.00
1	Ampex AG350-1 Recorder	1,200.00
1	Ampex AG350-2 Recorder	1,800.00
1	Ampex AG351-2 Recorder	1,400.00
1	Ampex 375 60-cycle Regulator (Motor Drive Amp)	250.00
3	ENT970 Magnetic Disc Delay	1,000.00

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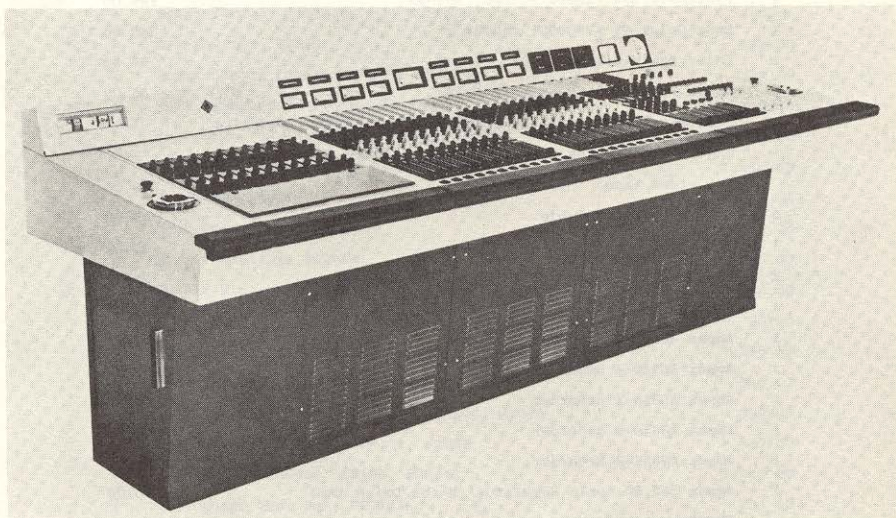
# AUDIO/VIDEO RECORDING STUDIO

COMPLETE AUDIO/VIDEO STUDIO

<u>QUANTITY</u>	<u>DESCRIPTION</u>	<u>PRICE EACH</u>
1	Neumann NK48 Power Supply	\$ 100.00
1	EMT140 Reverb, #1960	3,500.00
1	Neumann Console 0023-113, #901	20,000.00
2	K & H UE100 Equalizer	500.00
1	Set-EMT 160-2 Polarity Tester and EMT 160-1 Pre Amp for Polarity Tester	850.00
1	Hewlett Packard 302A Wave Analyzer	250.00
1	Hewlett Packard H20-200CD Wide Range Oscillator	150.00
1	Eico 1100 Resistance Box, #40472	50.00
1	Simpson 312 Voltmeter	75.00
1	Amphenol Millivolt Commander	50.00
1	Wurlitzer Organ #4520, S/N 885576 with Wurlitzer Organ Bench	2,500.00

Miscellaneous Office Furniture, Postage Meters, etc.

Write for full itemized list.



Model 0023-113 24 Input — 8-Channel Mixing Console \$20,000.

114 5th Avenue, Redwood City, California 94063 • Telephone: (415) 365-2843

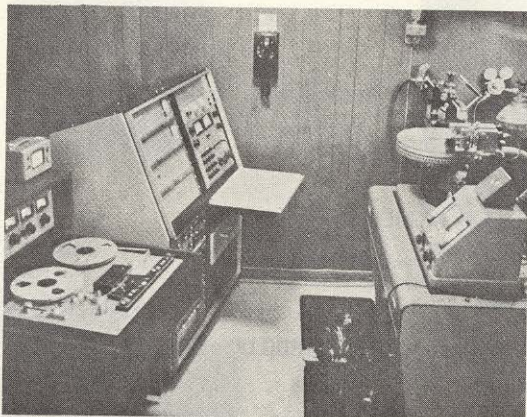


# NEUMANN DISK

## MASTERING SYSTEM

Equipment For Sale

### NEUMANN COMPUTER CONTROLLED DISK MASTERING SYSTEM



System installed new in January of 1970 and has seen very little use. It is now operating and available.

- (1) VMS-66, S/N 291, Computer Controlled Disk Cutting Lathe
- (1) Neumann SX-68 Cutterhead
- (1) Buchmann-Meyer Light, Model ZA21, S/N 184
- (1) Neumann Tone Arm, Model TA-66BX
- (1) EMT Cartridge, Model TSD-15, S/N 1472-01
- (1) Helium Flow Meter and #8 Regulator, Model ZA-4N
- (1) Vacuum Pump, Model PPA-2
- (1) Set of Metric Wrenches for VMS66
- (1) Gotham Transfer Panel, Model GA, consisting of:
  - (4) PEV - S/N 651 thru 654
  - (2) EE66 Cards
  - (1) 24V Power Supply & Accessories
- (2) Neumann Low Pas Filters, Model HT66, S/N 061 & 062
- (1) Ortofon Hi Frequency Limiter, Model STL-631, S/N 111
- (1) Neumann Correlation Meter, Model U79T, S/N 097
- (2) Gotham Professional Loud Speakers K+H, Model OY, S/N 1473 & 1474
- (2) UREI Audio Limiter, Model 1176, S/N 506 & 514
- (1) Universal Audio Stereo Adapter, Model UA1176SA, S/N 109
- (1) Scully 4-Channel Playback Recorder 7½-15 ips with NAB & CCIR Equalization, in console, S/N 2369

Includes Spare Parts

Complete Maintenance & Operating Instructions are included in package.

Electronic Equipment is housed in custom built Borge/Warner Console, designed by Steve Temmer.

Replacement cost in excess of \$120,000.00

SELLING PRICE: \$ 50,000.00

Will Accept Trade-In Of Your Current Disk Cutting System or Other Equipment

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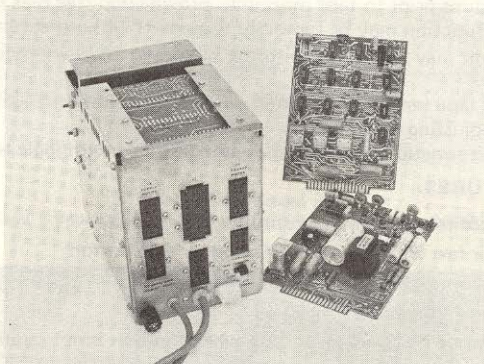
# ATTENTION 350/351/300/3200

# OWNERS

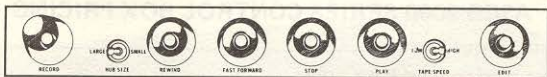
## UPDATE YOUR TRANSPORT WITH THE ASCO-2000 CONTROL BOX

350/351/300/3200 style transports, the reliable and sturdy work horse, can now be modernized to today's tape motion requirements. The Asco 2000 control box employs IC logic to provide:

1. Constant Tension Holdback
2. Motion Sense
3. Dynamic plus mechanical braking
4. Spill tape edit



ASCO 2000 Control Box



Modified 350/351 Escutcheon



Modified 300/3200 Escutcheon

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# ASCO-AUDIO 8-TRACK DUPLICATING SYSTEM

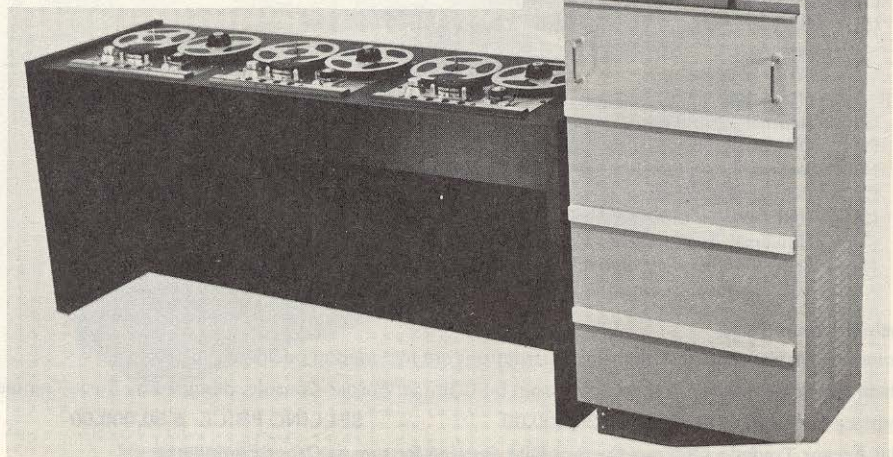
## FEATURES:

- 2 New Audio/Tek Model 1100 Audio Tape Duplicator Electronics
- 1 Reconditioned Grandy 1" Loop Bin Master, 60/120 speed
- 3 Reconditioned Ampex AG350 Slaves 15/30 speed with Arvin Heads

PRICE: \$ 12,000.00

Additional Slaves may be added at \$2,800.00 ea  
Adaptable for cassette

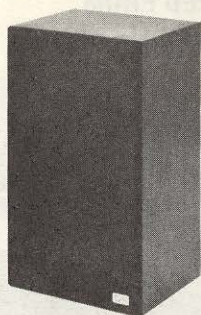
Write For Additional Information.



114 5th Avenue, Redwood City, California 94063 • Telephone: (415) 365-2843

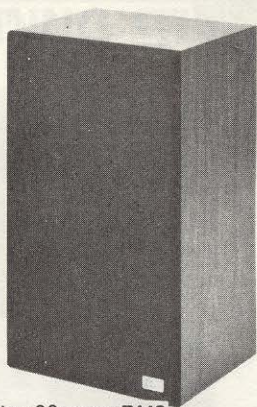


# ASCO/DWD SPEAKER SYSTEMS



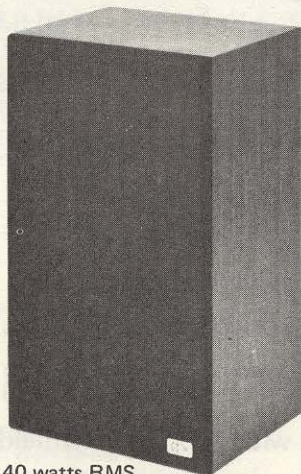
## Model One

Power Capacity: 20 watts RMS  
Nominal Impedance: 8 ohms  
System Components: 8" full range  
Dimensions: 10½ x 19 x 9¼ deep  
Shipping Weight: 40 pounds (per pair)  
**\$50.00**



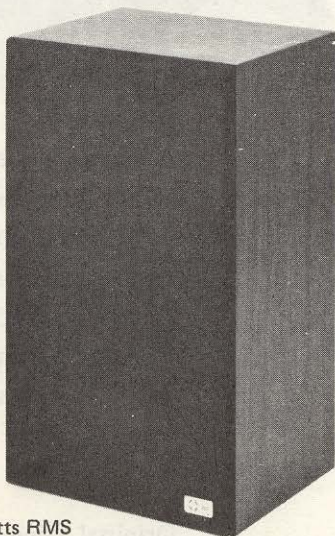
## Model Two

Power Capacity: 30 watts RMS  
Nominal Impedance: 8 ohms  
System Components: 8" woofers, 1¼" tweeter  
Crossover Frequency: 4000 Hz  
Dimensions: 12 x 21 x 11¼ deep  
Shipping Weight: 28 pounds  
**\$70.00**



## Model Three

Power Capacity: 40 watts RMS  
Nominal Impedance: 4 ohms  
System Components: 10" woofer, 1¼" tweeter  
Crossover Frequency: 3500 Hz  
Fuse Type: 3AG 3.0 amp quick blow  
Dimensions: 13 x 22 x 12½ deep  
Shipping Weight: 35 Pounds  
**\$100.00**



## Model Four

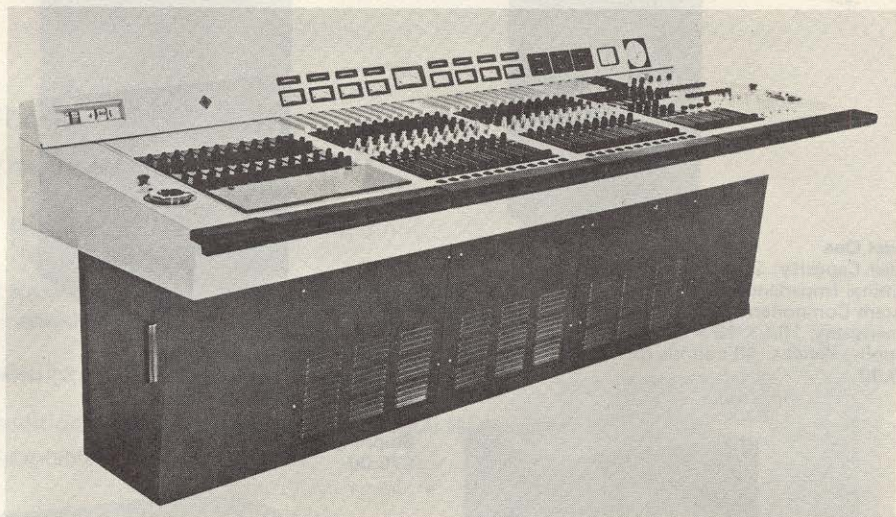
Power Capacity: 40 watts RMS  
Nominal Impedance: 4 ohms  
System Components: 12" woofer, 5" midrange, 1¼" tweeter  
Crossover Frequencies: 250 Hz, 4000 Hz  
Fuse Type: 3AG 3.0 amp quick blow  
Dimensions: 15¼ x 25¼ x 12¼ deep  
Shipping Weight: 41 Pounds  
Sensitivity: 96db with 4V Input @ 18"  
Efficiency: 100 db per 1000 cubic feet room volume per 10 watts input  
**\$160.00**

**NEW HOURS: Monday – Thursday 8:00 to 5:00 • Telex ASCO 34-8327**



# NEUMANN MIXING CONSOLE

RECENTLY REMOVED FROM  
MAJOR NEW YORK RECORDING STUDIO



**Neumann Model 0023-113** Modified for 24/16 or 8-Track Recording or Re-Mix.

- 24 Input
- 8 Mixing Busses
- 32 Track Monitor & Mixdown Interface
- Solo on all Inputs, Tracks & Busses
- Equalizers on all Inputs
- Patchfield In Console
- 6 Foot Equipment Rack with 20 x 16 Patchfield
- 3 Cue Systems
- 4 Echo Sends

Original Price \_\_\_\_\_ \$ 60,000.00

8 Years Old. In Very Good Condition.

Many Spare Parts

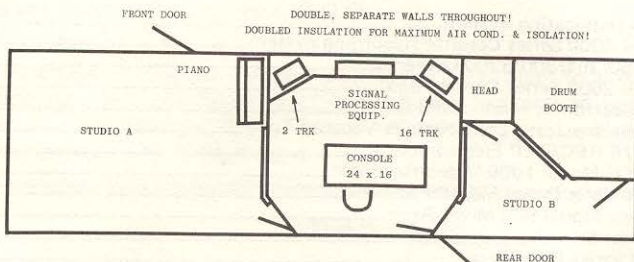
SELLING PRICE: \_\_\_\_\_ \$ 17,950.00

114 5th Avenue, Redwood City, California 94063 • Telephone: (415) 365-2843





# 16-TRACK MOBILE HOME RECORDING STUDIO



## RECORDING STUDIO COMPLETE 16-TRACK INSTALLED IN 14' x 51' MOBILE HOME.

NEW & USED EQUIPMENT IN EXCELLENT  
CONDITION — MEETS NEW FACTORY SPECS.  
LOCATED IN SOUTH TEXAS.



### EQUIPMENT LIST:

- 1 MCI JH 16 with Locator & 8-Track Conversion
- 1 Otari MX 5050 2-Track (new)
- 1 Sound Workshop 24 x 16 Recording Console (new)
- 2 Super-Max Control Room Monitors (new)
- 1 Sound Workshop Electronic Crossover 223A (new)
- 1 Amjalak 360-8 Stereo Power Amp (new)
- 2 Frazier 100 Watt Power Amps (new)
- 1 Sound Workshop Stereo Reverb (new)
- 1 Cable Nelson Piano
- 10 Sennheiser Model 400 Stereo Headphones
- 2 Neumann KM 86 Cond. Mics
- 2 Neumann U 87 Cond. Mics
- 4 Neumann KM 84 Cond. Mics (new)
- 2 Neumann KM 83 Cond. Mics (new)
- 2 Electro Voice RE 20 Mics (new)
- 2 AKG 451E Cond. Mic (new)
- 1 Shure 545 Mic (new)
- 1 Sony ECM 21 P Cond. Mic (new)
- 1 STL 2" 30 ips Alignment Tape EL3
- 1 STL 2" 15 ips Alignment Tape EL3
- 1 STL 1" 15 ips Alignment Tape EL3
- 1 STL 1/2" 15 ips Alignment Tape EL3

Misc.

Mic Stands, Shock Mounts, Cables, Phantom Power Supply, Complete Patch Bay, etc.  
18 Channels DBX Noise Reduction & 2 DBX 161 Limiters add \$5000. to Total Package Price  
14 x 51 Flamingo Mobile Home 1973 Model, HUD Inspected! All Double Wall, Double Insulation, 2 1/2 Tons Air Cond. Excellent Acoustic Job Throughout.

TOTAL PACKAGE PRICE: **\$ 50,000.00**

ALL TEST TAPES NEW!

NEW HOURS: Monday — Thursday 8:00 to 5:00 • Telex ASCO 34-8327  
93



# INDEX

ASC0 2400 Duplicating System	5
ASC0 Model 4000 Series Cassette Recording System	7
Attention 350/351/300/3200 Owners	9
ASC0 Model 2000 Series Control Box	9
Recording Electronics — Solid-State	11
Recording Electronics — Solid-State & Vacuum Tube	12
Inovonics 375 REC/REP Electronics	13
Roberts (AKI) Model 1000 Video-Recorder	14
TSI — MDM-4 Mix Down Monitor Speaker	15
Electro-Sound Model 900 Mixer-Amp	16
Tape Recorder Service	17
Ampex 600 Series Recorders	18
Neumann VG-66 S Disc Cutting Electronics	19
Reels & Boxes for Electronic Tape	20
Auditronics 110-8 Mixing Console	22
Recording Tape, Reels & Boxes	23
Ampex Replacement Parts & Accessories	24
Ampex 300, AG 300, & 440 Series Head Parts	32
Belden Multi Conductor Cable	33
ASC0 Product Lines	34
Ampex 351 Recorders, Reproducers	35
Ampex 351 Transports/Solid-State Electronics	36
Magnasync/Moviola Tape Recording System	37
8-Channel Duplicating System	38
Ampex 3200 Duplicating System	39
Scully 16-Channel & 8-Channel Recorders	40
Multi-Channel Recorders — Ampex & 3M	41
Items of Special Interest	42
Head Assemblies & Stacks	49
Pentagon Duplicating Equipment	51
TEAC Recorder Maintenance Kits & Accessories	52
Lease Purchase Information	53
Item of Special Interest	54
Demo Room Clearance	55
Ampex Head Stacks & Assemblies	57
ASC0 Inventory	59
Ferrite Replace Heads for Ampex AG440, Scully & 3M	63
Ampex Instrumentation Recorders	64
ASC0 Consignment	69
TEAC 4-Track Recording Studio	76
Tascam 4-Track Recording Studio	77
Tascam 8-Track Recording Studio	78
Sound Workshop 8-Track Recording Studio	79
Speck 16-Track Recording Studio	81
Auditronics 16-Track Recording Studio	83
Audio/Video Recording Studio	85
Neumann Disk Mastering System	89
ASC0-Audio 8-Track Duplicating System	90
ASC0/DWD Speaker Systems	91
Neumann Mixing Console	92
16-Track Mobile Home Recording Studio	93
Index	94
ASC0 Order Form & Sales Terms	95

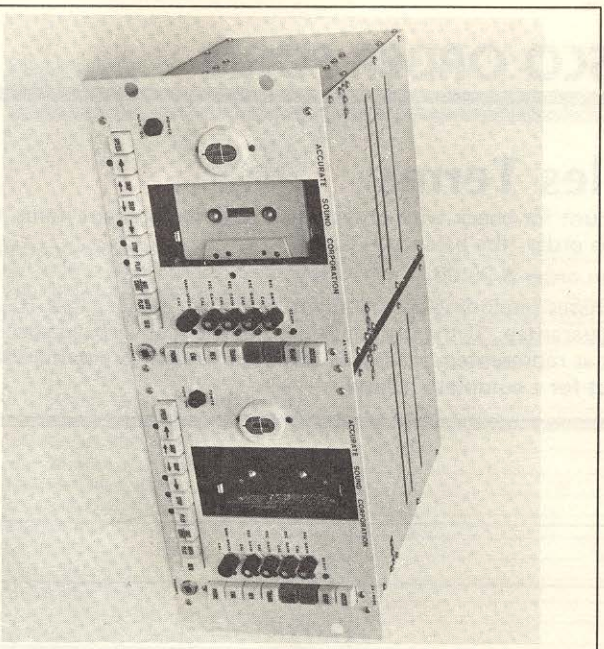




**ACCURATE SOUND CORP.**

114 5th Avenue, Redwood City, California 94063

## **SPRING 1977 CATALOG**



**NEW CONCEPT IN CASSETTE RECORDING**

**ASCO Model AS-4000 Series**

More information on Page 7.

BULK RATE  
U.S. POSTAGE  
**PAID**  
Permit No. 2  
Burlingame, Calif.

Address Correction Requested