



AUDI-CORD

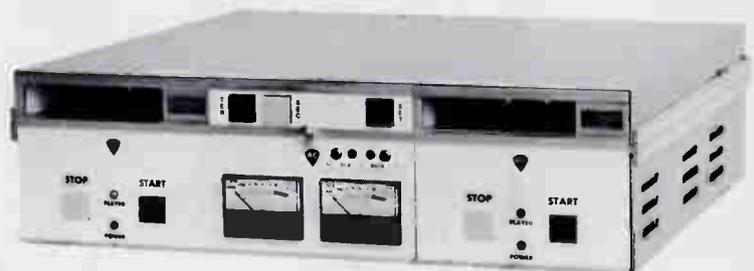
CARTRIDGE RECORDERS
AND
REPRODUCERS

Audi S Cord



SERVING THE INDUSTRY EXCLUSIVELY WITH
THE BEST CHOICE AND VALUE

Audi E Cord
SERIES



THE NEW Audi-Cord SERIES



RECORD - REPRODUCER
(Shown in Stereo Model S26)
(Desk Cabinet)

- A NEW STANDARD OF FEATURES AND ECONOMICAL COST IN PREMIUM CARTRIDGE MACHINES.

REPRODUCER
(Desk Cabinet)



ALL NEW MODELS - EQUIPPED WITH THE MOST ASKED FOR FEATURES

ABOUT THE NEW "S" SERIES:

These new cartridge machines are more than just attractive. They were designed new from the cabinet feet up, selecting the materials which offered the best manufactured cost consistent with functional integrity, to insure the most machine for the dollar. Still, the "S" Series contains new operating features, maintenance access and rugged construction to keep pace with modern broadcast operations.

Why a new model? Simply because the state of the art and new materials make it possible to produce a better machine at lower manufactured cost as compared to machines in production for several years. Audi-Cord Corporation is founded upon the commitment to do just this. Secondly, we must re-new our designs to protect the purchaser's investment from obsolescence. Older design components are often difficult to obtain after even a few years.

Will these new models solve all our problems? Probably not, however the "S" Series offers some technical improvements to assist error free operations which often reduce revenue loss and poor sound quality. We recognize that the short guided length of the NAB Cartridge is at best limited in performance. We offer no miracle cures for stereo phase results other than careful maintenance procedures. We do not build in processors which are better located externally. We do provide an excellent recording and playing stability which when properly maintained, will provide results consistent with the limitations of the system, and include excellent reference materials to assist the user in obtaining good performance.

AUDI-CORD FEATURES

S SERIES PLAYBACK FEATURES:

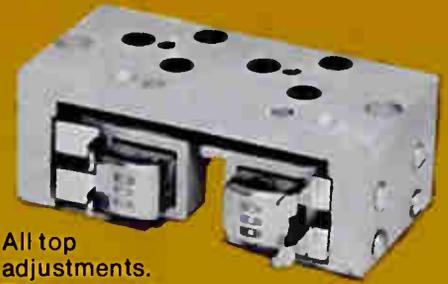
- All front access controls in pull-out drawer.
- Dual play equalization — HI and LO.
- Replay lock-out to prevent accidental replays.*
- Off speed motor lock-out to prevent start WOW.*
- Automatic motor shut-off for long idle periods.*
- Off cue indicator avoids un-cued carts.
- SEC and TER Signal Lites.
- Selectable 600 or 150 ohm outputs w/internal pad space.
- Full +8dBm output, +20 dBm clipping.
- All solid state control system of modern CMOS and Linear I.C.'s
- Thick aluminum deck, overlaid with stainless steel for wear.
- Very rugged head mounts with top adjustments that stay put.
- Split polished stainless steel tape guides that are individually adjustable and reversible for wear, offer ultra precise internal guiding.
- Pressure roller regulating system insures proper pressure and indent to reduce tape (phase) skew.
- Complete remote facilities. Plugs furnished.
- Attractive textured vinyl clad cabinet with slip/lift cover for easy cleaning access.
- Polycarbonate panel inserts with permanent control markings.
- Extensive use of plug-in's and easy maintenance access.

*Indicates customer selected options

S SERIES RECORDER FEATURES:

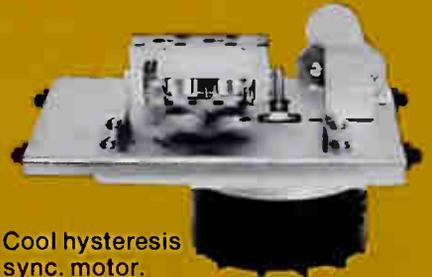
- Plug-in companion to any similar playback. Easily field exchanged to distribute transport wear if desired.
- All front access operator controls in pull-out drawer.
- Multi-function meter system with automatic switching from record to replay.
- Dual recorder equalization — HI and LO.
- Internal 3 tone response check facility.
- Bias and tone recording indicators.
- Record shut-off with end of SEC tone.
- Timed tone bursts with manual over-ride.
- Recording timer selectable for min-sec or sec-tenths mode, front or end of SEC tone stop action.
- 5K ohm bridging transformer input w/internal pad space.
- Complete remote control facilities - plugs furnished.
- Compatible with all known automation encoders.
- Polycarbonate panel inserts and control markings.
- Extensive use of plug-in's and easy maintenance access.
- Attractive textured vinyl clad cabinet w/slip-lift cover.

OUR RUGGED HEAD MOUNT



- All top adjustments.
- Two-piece micro-polished tape guides for precise adjustment.
- Reversible for wear life.
- Completely nested head clamps.
- Nickel silver hold down spring.

DECK CONSTRUCTION



- Cool hysteresis sync. motor.
- Thick aluminum machined plate.
- Hard stainless overlay for a super wearing surface.
- Easy disassembly for service.
- Our own air damped solenoid.

INTERNAL CONSTRUCTION



- Wide use of heavy panels as supporting members — virtually indestructible integrity.

S SERIES REPRODUCERS:

Rated Audio Output
Amplifier Overload Capability
Amplifier Distortion
Hum and Noise
(Wideband)
W.B. S/N (Typical Tape)

NOTE: Add -2 to -8dB
when comparing to
some older specs.

Equalization
Frequency Response
Phase Stability

Optional Cue Switching
Cue Switching Loads
Flutter
Dimensions

+8 dBm, balanced transformer
+18 dBm min., +20 dBm clipping, int. pad provided 0.5% max. total harmonic @ + 18 dBm
-50 dB re 160 nWb/m @ 1 kHz-mono
-47 dB re 160 nWb/m @ 1 kHz-stereo
-48 dB re 160 nWb/m @ 1 kHz-mono
-46 dB re 160 nWb/m @ 1 kHz-stereo
Dual Hi-Lo
±2 dB to NAB Standard Tape, 50 Hz to 15 kHz
±90 degrees, long term @ 12 kHz
(The Audi-Cord transport is designed for long term phase stability. However, it is appreciated that phase differential over long term use is difficult to achieve unless stringent maintenance is applied.)
Sinking (Open Collector) Logic
100 ma. max., +40 VDC open circuit max.
0.15% weighted peak, Max.
8¼" W x 5¼" H x 14" L

S SERIES RECORD-REPRODUCERS:

Rated Audio Input (for 160 nWb/m

Input Impedance
Amplifier Distortion

System Distortion
Equalization
Bias Oscillator Frequency
Response Test Accuracy
Record Timer Stop Mode
Optional Record Timer
Record Timer Accuracy
Cue Tone Oscillators
Dimensions (Record-Play)

-12 dBm, 600 ohms, Alterable to -22dBm by internal gain changes.
5100 ohms, Balanced Transformer
0.5% total harmonic, 18 dB above 160 nWb/m
1kHz
1% Typical at 160 nWb/m, 1 kHz
Dual Hi-Lo
100 kHz, nominal
± 2 dB, verified by metering internal
Selectable for front or end of E.O.M.
4 Digit, Seconds and Tenths, min & sec option
± .2 second (Plus transport timing accuracy)
All 3 NAB Tones are Standard
16" W x 15" L x 5¼" H

ORDERING INFORMATION:

(Five Stock Models are supplied
as available)

(ALL MODELS)

For rack mount add "R" after model
50 Hz on special order
CCIR equalization on special order
Special inquiries are invited

MODEL S11 MONO PLAYBACK, 3 NAB TONES STD.

MODEL S16 STEREO PLAYBACK, 3 NAB TONES STD.

MODEL S21 MONO REC-PLAY, 3 NAB TONES & TIMER STD.

MODEL S26 STEREO REC-PLAY, 3 NAB TONES & TIMER STD.

MODEL S32 MONO NETWORK DELAY, 3 NAB TONES & TIMER STD.

[OTHER MODELS WILL BE QUOTED AS SPECIAL PRODUCTION ONLY]

TWIN DECKS-TDS SERIES REPRODUCER



- TOP PER DECK COST AND QUALITY.
- ATTRACTIVE AND DURABLE DESIGN.
- CONVENIENT SIZE AND OPERATION.
- EASY TO CLEAN AND MAINTAIN.

A NEW DESIGN APPROACH TO MULTI-DECK CART, REPRODUCERS



We called it Twin Deck because the performance from one slot to the other is truly capable of the duplicate result—something that has long been difficult to achieve with extended shaft multi-deck machines of the past. The reason the TDS differs—it's simple, we used the other end of the motor to drive a second slide-in deck assembly!!

The premium A.C. Hysteresis Synchronous Motor used by Audi-Cord for several years is so low in heat and escape field that the addition of the double-ended shaft was a natural practicality. With this design, the lower deck can easily be positioned and adjusted to duplicate the results of the upper traditional deck. We even designed a side azimuth adjust head mount to facilitate running adjustment of phase and azimuth.—This makes for a true "Twin Deck" operation!



AUDI-CORD CORPORATION

TDS SERIES FEATURES:

- The lower deck is an adjustable slide out assembly for easy maintenance.
- Extensively modular design with plug-in circuit cards thru-out.
- Most electronic and renewal parts same as the "S" series family.
- Front panel controls attractively and functionally placed for easy operation.
- Attractive vinyl-clad cabinet and polycarbonate panel inserts.
- SEC, TER and PLAYED signal lites for each deck.
- Replay reminder system with full selectable use options.
- Dual reproduce equalizers—HI and LO frequencies.
- Selectable 600 or 150 ohm balanced transformer audio outputs.
- Full + 20dBm clipping point audio amplifier system.
- Complete remote control facilities.
- Automatic motor shut down when both carts have played.
- Audi-Cords heavy duty deck and head mounts with split tape guides.
- Side azimuth adjustment—lower deck only.
- 100% solid state design with high noise immunity CMOS logic.
- Dimensions—8¼" wide x 7½" high x 14" deep.

ELECTRONIC SPECIFICATIONS:

1976 NAB Standards or Better—Same as "S" Series Reproducers

ORDERING INFORMATION:

- Model TDS-1 Monophonic, 3 NAB Tones are standard.
- Model TDS-6 Stereophonic, 3 NAB Tones are standard.
(230 Volt A.C. and 50 Hz Models are available)

Accessories: #502-0039 Rack Mounting Shelf
(Holds 2 units in 8¾" of 19" rack space)



**AUDI-CORD
CORPORATION**

1845 W. Hovey Ave., Normal, Illinois 61761
Phone (309) 452-9461

Design Innovators - Quality Manufacturers

A NEW
CONCEPT

"E" SERIES

An intermediate priced cartridge tape machine series with most of the quality and features found in units costing much more.

DUAL TRANSPORT RECORD-PLAY:

- Approx. 17¼" wide x 5¼" high.
- Mono or stereo — 1 or 3 tones.
- Slide-out front panel (recorder).
- All the other "E" Series features and playing capabilities.



A BRAND NEW CONCEPT IN RECORD-PLAY DESIGN — THIS IS QUITE POSSIBLY THE MOST USEFUL STUDIO PRODUCTION MACHINE EVER PRODUCED. IT TOOK AUDI-CORD DESIGN INGENUITY AND FORESIGHT TO PRODUCE SUCH AN IDEA FOR YOUR NEEDS!!

THREE SELECTABLE RECORDING MODES — STANDARD DUAL REPLAY MODES:

- **Regular Single Deck Recordings** — Made on the right hand deck. Left deck may be playing as needed.
- **Dual Recordings** — Simply load the cartridge and push the buttons. How many times have you needed two copies? This is now possible with the Audi-Cord Twin Transport Record-Play.
- **Copies (Dubs)** — Place cartridge to be copied in left deck and select dub mode, make a perfect copy in the right deck — all switching is automatic.
- **Sound Over Sound** — Cut first sound in normal manner, place in left deck, mix in second recording by dubbing left to right.
- **Composites** — Easily performed in dub mode using 1kHz inhibit facility provided.
- **Stereo to Mono Mix Dubs** — Special models on request with 1 deck of each.

RECORD-PLAY:

- 11½" WIDE X 5¼" HIGH.
- MONO OR STEREO.
- 1 OR 3 TONES.
- AUTO SWITCHING METERS.
- UNIQUE SLIDE-OUT PANEL FOR CONTROL ACCESS.



THE "E" SERIES PLAYBACK:

- Modular constructed for easy service.
- Interchangeable transports and other assemblies.
- 1 or 3 tone — mono or stereo.
- Replay reminder system.
- Full remote control — automation compatible.
- Meets the needs of the 1976 NAB standards.
- Latching connectors — slip/lift cover.



3 TRANSPORT REPRODUCER:

- Just 5¼" high—perfect for those console built-ins where height is a premium.
- Three independent outputs—three independent control systems.
- Rack or desk mountings.
- Same features of single playbacks.



"E" SERIES SPECIFICATIONS

Dimensions
Weight

5¾" W x 14½" L, Each Unit Width
19 Lbs. Per Unit

(All other specifications similar to "S" Series)

ORDER INFORMATION: ("E" SERIES)

Model E10	Playback, Mono—1 Tone	Model E20	Record-Play, Mono—1 Tone
Model E11	Playback, Mono—3 Tones	Model E21	Record-Play, Mono—3 Tones
Model E15	Playback, Stereo—1 Tone	Model E25	Record-Play, Stereo—1 Tone
Model E16	Playback, Stereo—3 Tones	Model E26	Record-Play, Stereo—3 Tones
Model E30	3 Transport, Mono—1 Tone	Model E50	Twin Transport R/P, Mono—1 Tone
Model E31	3 Transport, Mono—3 Tones	Model E51	Twin Transport R/P, Mono—3 Tones
Model E35	3 Transport, Stereo—1 Tone	Model E55	Twin Transport R/P, Stereo—1 Tone
Model E36	3 Transport, Stereo—3 Tones	Model E56	Twin Transport R/P, Stereo—3 Tones



**AUDI-CORD
CORPORATION**

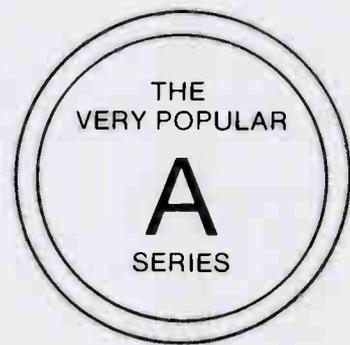
1845 W. Hovey Ave., Normal, Illinois 61761
Phone (309) 452-9461

Design Innovators - Quality Manufacturers

SERVING THE INDUSTRY EXCLUSIVELY WITH
THE BEST CHOICE AND VALUE



AUDI-CORD
CARTRIDGE RECORDERS
AND
REPRODUCERS



 **AUDI-CORD CORPORATION**

THE NEW

Audi S Cord

SERIES



RECORD - REPRODUCER

(Shown in Stereo Model S26)
(Desk Cabinet)

- A NEW STANDARD OF FEATURES AND ECONOMICAL COST IN PREMIUM CARTRIDGE MACHINES.

REPRODUCER

(Desk Cabinet)



ALL NEW MODELS - EQUIPPED WITH THE MOST ASKED FOR FEATURES

ABOUT THE NEW "S" SERIES:

These new cartridge machines are more than just attractive. They were designed new from the cabinet feet up, selecting the materials which offered the best manufactured cost consistent with functional integrity, to insure the most machine for the dollar. Still, the "S" Series contains new operating features, maintenance access and rugged construction to keep pace with modern broadcast operations.

Why a new model? Simply because the state of the art and new materials make it possible to produce a better machine at lower manufactured cost as compared to machines in production for several years. Audi-Cord Corporation is founded upon the commitment to do just this. Secondly, we must re-new our designs to protect the purchaser's investment from obsolescence. Older design components are often difficult to obtain after even a few years.

Will these new models solve all our problems? Probably not, however the "S" Series offers some technical improvements to assist error free operations which often reduce revenue loss and poor sound quality. We recognize that the short guided length of the NAB Cartridge is at best limited in performance. We offer no miracle cures for stereo phase results other than careful maintenance procedures. We do not build in processors which are better located externally. We do provide an excellent recording and playing stability which when properly maintained, will provide results consistent with the limitations of the system, and include excellent reference materials to assist the user in obtaining good performance.

AUDI-CORD CORPORATION

RETAIL PRICE LIST

Effective 11/15/83

"S" SERIES PREMIUM PLAYBACKS

MODEL S11	Mono, 3 Cue.....	(Desk Cabinet-Wt. 22#)	.....\$1029.00
MODEL S11R	Mono, 3 Cue.....	(Rack Mount -Wt. 34#)	.....\$1029.00
MODEL S16	Stereo, 3 Cue.....	(Desk Cabinet-Wt. 22#)	.....\$1119.00
MODEL S16R	Stereo, 3 Cue.....	(Rack Mount -Wt. 34#)	.....\$1119.00

NEW PREMIUM

"S" SERIES TWIN DECK PLAYBACKS

MODEL TDS-1	Mono, 3 Cue.....	(Desk Cabinet-Wt. 32#)	.....\$1499.00
MODEL TDS-6	Stereo, 3 Cue.....	(Desk Cabinet-Wt. 32#)	.....\$1679.00
# 502-0039	Rack Mounting Shelf (	-Wt. 15#)	.....\$ 39.00

"S" SERIES PREMIUM RECORD-PLAYBACKS

MODEL S21	Mono, 3 Cue & Timer....	(Desk Cabinet-Wt. 33#)	.....\$1799.00
MODEL S21R	Mono, 3 Cue & Timer....	(Rack Mount -Wt. 40#)	.....\$1799.00
MODEL S26	Stereo, 3 Cue & Timer..	(Desk Cabinet-Wt. 33#)	.....\$1989.00
MODEL S26R	Stereo, 3 Cue & Timer..	(Rack Mount -Wt. 40#)	.....\$1989.00

"S" SERIES DELAY MACHINES

MODEL S32	Mono Network Delay, 3 T. & Timer..	(Desk).Wt. 37#	.....\$1889.00
MODEL S32R	Mono Network Delay, 3 T. & Timer..	(Rack).Wt. 44#	.....\$1889.00

"A" SERIES PLAYBACKS

MODEL A10	Mono, 1 Cue.....	(Desk Cabinet-Wt. 21#)	.....\$ 819.00
MODEL A10R	Mono, 1 Cue.....	(Rack Mount -Wt. 33#)	.....\$ 819.00
MODEL A11	Mono, 3 Cue.....	(Desk Cabinet-Wt. 21#)	.....\$ 849.00
MODEL A11R	Mono, 3 Cue.....	(Rack Mount -Wt. 33#)	.....\$ 849.00
MODEL A15	Stereo, 1 Cue.....	(Desk Cabinet-Wt. 21#)	.....\$ 889.00
MODEL A15R	Stereo, 1 Cue.....	(Rack Mount -Wt. 33#)	.....\$ 889.00
MODEL A16	Stereo, 3 Cue.....	(Desk Cabinet-Wt. 21#)	.....\$ 919.00
MODEL A16R	Stereo, 3 Cue.....	(Rack Mount -Wt. 33#)	.....\$ 919.00

"A" SERIES RECORD-PLAYBACKS

MODEL A20	Mono, 1 Cue.....	(Desk Cabinet-Wt. 28#)	.....\$1379.00
MODEL A20R	Mono, 1 Cue.....	(Rack Mount -Wt. 39#)	.....\$1379.00
MODEL A21	Mono, 3 Cue.....	(Desk Cabinet-Wt. 28#)	.....\$1419.00
MODEL A21R	Mono, 3 Cue.....	(Rack Mount -Wt. 39#)	.....\$1419.00
MODEL A25	Stereo, 1 Cue.....	(Desk Cabinet-Wt. 28#)	.....\$1619.00
MODEL A25R	Stereo, 1 Cue.....	(Rack Mount -Wt. 39#)	.....\$1619.00
MODEL A26	Stereo, 3 Cue.....	(Desk Cabinet-Wt. 28#)	.....\$1659.00
MODEL A26R	Stereo, 3 Cue.....	(Rack Mount -Wt. 39#)	.....\$1659.00

"A" SERIES 3 TRANSPORT PLAY

MODEL A30	Mono, 1 Cue.....	(Desk Cabinet-Wt.	52#).....	\$2429.00
MODEL A30R	Mono, 1 Cue.....	(Rack Mount -Wt.	60#).....	\$2429.00
MODEL A31	Mono, 3 Cue.....	(Desk Cabinet-Wt.	52#).....	\$2519.00
MODEL A31R	Mono, 3 Cue.....	(Rack Mount -Wt.	60#).....	\$2519.00
MODEL A35	Stereo, 1 Cue.....	(Desk Cabinet-Wt.	52#).....	\$2629.00
MODEL A35R	Stereo, 1 Cue.....	(Rack Mount -Wt.	60#).....	\$2629.00
MODEL A36	Stereo, 3 Cue.....	(Desk Cabinet-Wt.	52#).....	\$2719.00
MODEL A36R	Stereo, 3 Cue.....	(Rack Mount -Wt.	60#).....	\$2719.00

"A" SERIES DUAL TRANSPORT REC-PLAY

MODEL A50	Mono, 1 Cue.....	(Desk Cabinet-Wt.	43#).....	\$2219.00
MODEL A50R	Mono, 1 Cue.....	(Rack Mount -Wt.	54#).....	\$2219.00
MODEL A51	Mono, 3 Cue.....	(Desk Cabinet-Wt.	43#).....	\$2279.00
MODEL A51R	Mono, 3 Cue.....	(Rack Mount -Wt.	54#).....	\$2279.00
MODEL A55	Stereo, 1 Cue.....	(Desk Cabinet-Wt.	43#).....	\$2539.00
MODEL A55R	Stereo, 1 Cue.....	(Rack Mount -Wt.	54#).....	\$2539.00
MODEL A56	Stereo, 3 Cue.....	(Desk Cabinet-Wt.	43#).....	\$2599.00
MODEL A56R	Stereo, 3 Cue.....	(Rack Mount -Wt.	54#).....	\$2599.00
MODEL A56-1	Stereo, 3T. W/L.H. Mono	(Desk Cabinet-Wt.	43#).....	\$2449.00
MODEL A56-1R	Stereo, 3T. W/L.H. Mono	(Rack Mount -Wt.	54#).....	\$2449.00

OPTIONS

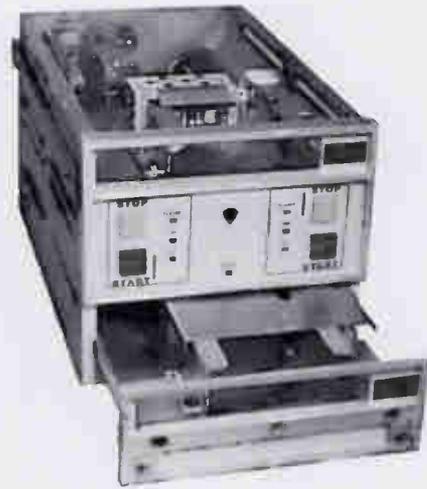
- *Single Cue Premium Models Available On Request
- *115 V (Only) 50Hz Models, Add \$40. Per Transport
- *Other Equalizations Available, Please Specify

TERMS

- *Prices Subject To Change Without Notice
- *Prices F.O.B. Factory, UPS Typical
- *5% Discount For Cash Before Shipment
- *Invoices 2%-10 Days, Net 30
- *1½% Interest Charge Per Month After 30 Days

AUDI-CORD CORPORATION
1845 W. Hovey Avenue., Normal, IL 61761
(309) 452-9461

TWIN DECKS-TDS SERIES REPRODUCER



- TOP PER DECK COST AND QUALITY.
- CONVENIENT SIZE AND OPERATION.
- ATTRACTIVE AND DURABLE DESIGN.
- EASY TO CLEAN AND MAINTAIN.

A NEW DESIGN APPROACH TO MULTI-DECK CART, REPRODUCERS



We called it Twin Deck because the performance from one slot to the other is truly capable of the duplicate result—something that has long been difficult to achieve with extended shaft multi-deck machines of the past. The reason the TDS differs—it's simple, we used the other end of the motor to drive a second slide-in deck assembly!!

The premium A.C. Hysteresis Synchronous Motor used by Audi-Cord for several years is so low in heat and escape field that the addition of the double-ended shaft was a natural practicality. With this design, the lower deck can easily be positioned and adjusted to duplicate the results of the upper traditional deck. We even designed a side azimuth adjust head mount to facilitate running adjustment of phase and azimuth.—This makes for a true "Twin Deck" operation!



AUDI-CORD CORPORATION

TDS SERIES FEATURES:

- The lower deck is an adjustable slide out assembly for easy maintenance.
- Extensively modular design with plug-in circuit cards thru-out.
- Most electronic and renewal parts same as the "S" series family.
- Front panel controls attractively and functionally placed for easy operation.
- Attractive vinyl-clad cabinet and polycarbonate panel inserts.
- SEC, TER and PLAYED signal lites for each deck.
- Replay reminder system with full selectable use options.
- Dual reproduce equalizers—HI and LO frequencies.
- Selectable 600 or 150 ohm balanced transformer audio outputs.
- Full + 20dBm clipping point audio amplifier system.
- Complete remote control facilities.
- Automatic motor shut down when both carts have played.
- Audi-Cords heavy duty deck and head mounts with split tape guides.
- Side azimuth adjustment—lower deck only.
- 100% solid state design with high noise immunity CMOS logic.
- Dimensions—8¼" wide x 7½" high x 14" deep.

ELECTRONIC SPECIFICATIONS:

1976 NAB Standards or Better—Same as "S" Series Reproducers

ORDERING INFORMATION:

- Model TDS-1 Monophonic, 3 NAB Tones are standard.
- Model TDS-6 Stereophonic, 3 NAB Tones are standard.
(230 Volt A.C. and 50 Hz Models are available)

Accessories: #502-0039 Rack Mounting Shelf
(Holds 2 units in 8¾" of 19" rack space)

See Your Local Sales Representative:



**AUDI-CORD
CORPORATION**

1845 W. Hovey Ave., Normal, Illinois 61761
Phone (309) 452-9461

Design Innovators - Quality Manufacturers

THE "A" SERIES PLAYBACK:

- Modular constructed for easy service.
- Interchangeable transports and other assemblies.
- 1 or 3 tone — mono or stereo.
- Replay reminder system.
- Full remote control — automation compatible.
- Meets the needs of the 1976 NAB standards.
- Latching connectors — slip/lift cover.



3 TRANSPORT REPRODUCER:

- Just 5¼" high—perfect for those console built-ins where height is a premium.
- Three independent outputs—three independent control systems.
- Rack or desk mountings.
- Same features of single playbacks.



"A" SERIES SPECIFICATIONS

Dimensions
Weight

5¾" W x 16" L, Each Unit Width
19 Lbs. Per Unit

(All other specifications similar to "S" Series)

ORDER INFORMATION: ("A" SERIES)

Model A10	Playback, Mono—1 Tone	Model A20	Record-Play, Mono—1 Tone
Model A11	Playback, Mono—3 Tones	Model A21	Record-Play, Mono—3 Tones
Model A15	Playback, Stereo—1 Tone	Model A25	Record-Play, Stereo—1 Tone
Model A16	Playback, Stereo—3 Tones	Model A26	Record-Play, Stereo—3 Tones
Model A30	3 Transport, Mono—1 Tone	Model A50	Twin Transport R/P, Mono—1 Tone
Model A31	3 Transport, Mono—3 Tones	Model A51	Twin Transport R/P, Mono—3 Tones
Model A35	3 Transport, Stereo—1 Tone	Model A55	Twin Transport R/P, Stereo—1 Tone
Model A36	3 Transport, Stereo—3 Tones	Model A56	Twin Transport R/P, Stereo—3 Tones



**AUDI-CORD
CORPORATION**

1845 W. Hovey Ave., Normal, Illinois 61761
Phone (309) 452-9461

Design Innovators - Quality Manufacturers

AUDI-CORD FEATURES

S SERIES PLAYBACK FEATURES:

- All front access controls in pull-out drawer.
- Dual play equalization — HI and LO.
- Replay lock-out to prevent accidental replays.*
- Off speed motor lock-out to prevent start WOW.*
- Automatic motor shut-off for long idle periods.*
- Off cue indicator avoids un-cued carts.
- SEC and TER Signal Lites.
- Selectable 600 or 150 ohm outputs w/internal pad space.
- Full +8dBm output, +20 dBm clipping.
- All solid state control system of modern CMOS and Linear I.C.'s
- Thick aluminum deck, overlaid with stainless steel for wear.
- Very rugged head mounts with top adjustments that stay put.
- Split polished stainless steel tape guides that are individually adjustable and reversible for wear, offer ultra precise internal guiding.
- Pressure roller regulating system insures proper pressure and indent to reduce tape (phase) skew.
- Complete remote facilities. Plugs furnished.
- Attractive textured vinyl clad cabinet with slip/lift cover for easy cleaning access.
- Polycarbonate panel inserts with permanent control markings.
- Extensive use of plus-in's and easy maintenance access.

*Indicates customer selected options

S SERIES RECORDER FEATURES:

- Plug-in companion to any similar playback. Easily field exchanged to distribute transport wear if desired.
- All front access operator controls in pull-out drawer.
- Multi-function meter system with automatic switching from record to replay.
- Dual recorder equalization — HI and LO.
- Internal 3 tone response check facility.
- Bias and tone recording indicators.
- Record shut-off with end of SEC tone.
- Timed tone bursts with manual over-ride.
- Recording timer selectable for min-sec or sec-tenths mode, front or end of SEC tone stop action.
- 5K ohm bridging transformer input w/internal pad space.
- Complete remote control facilities - plugs furnished.
- Compatible with all known automation encoders.
- Polycarbonate panel inserts and control markings.
- Extensive use of plug-in's and easy maintenance access.
- Attractive textured vinyl clad cabinet w/slip-lift cover.

OUR RUGGED HEAD MOUNT



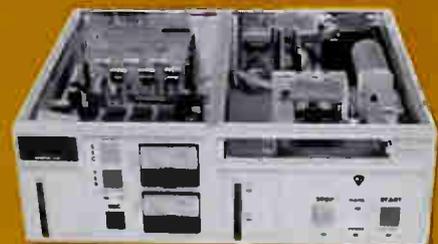
- All top adjustments.
- Two-piece micro-polished tape guides for precise adjustment.
- Reversible for wear life.
- Completely nested head clamps.
- Nickel silver hold down spring.

DECK CONSTRUCTION



- Cool hysteresis sync. motor.
- Thick aluminum machined plate.
- Hard stainless overlay for a super wearing surface.
- Easy disassembly for service.
- Our own air damped solenoid.

INTERNAL CONSTRUCTION



- Wide use of heavy cast panels as supporting members — virtually indestructible integrity.

S SERIES REPRODUCERS:

Rated Audio Output
Amplifier Overload Capability
Amplifier Distortion
Hum and Noise
(Wideband)
W.B. S/N (Typical Tape)

} NOTE: Add -2 to -8dB
when comparing to
some older specs.

Equalization
Frequency Response
Phase Stability

Optional Cue Switching
Cue Switching Loads
Flutter
Dimensions

+8 dBm, balanced transformer
+18 dBm min., +20 dBm clipping, int. pad provided 0.5% max. total harmonic @ +18 dBm
-50 dB re 160 nWb/m @ 1 kHz-mono
-47 dB re 160 nWb/m @ 1 kHz-stereo
-48 dB re 160 nWb/m @ 1 kHz-mono
-46 dB re 160 nWb/m @ 1 kHz-stereo
Dual Hi-Lo
±2 dB to NAB Standard Tape, 50 Hz to 15 kHz
±90 degrees, long term @ 12 kHz
(The Audi-Cord transport is designed for long term phase stability. However, it is appreciated that phase differential over long term use is difficult to achieve unless stringent maintenance is applied.)
Sinking (Open Collector) Logic
100 ma. max., +40 VDC open circuit max.
0.15% weighted peak, Max.
8¼" W x 5¼" H x 14" L

S SERIES RECORD-REPRODUCERS:

Rated Audio Input (for 160 nWb/m

Input Impedance
Amplifier Distortion

System Distortion
Equalization
Bias Oscillator Frequency
Response Test Accuracy
Record Timer Stop Mode
Optional Record Timer
Record Timer Accuracy
Cue Tone Oscillators
Dimensions (Record-Play)

-12 dBm, 600 ohms, Alterable to -22dBm by internal gain changes.
5100 ohms, Balanced Transformer
0.5% total harmonic, 18 dB above 160 nWb/m
1 kHz
1% Typical at 160 nWb/m, 1 kHz
Dual Hi-Lo
100 kHz, nominal
± 2 dB, verified by metering internal
Selectable for front or end of E.O.M.
4 Digit, Seconds and Tenths, min & sec option
± .2 second (Plus transport timing accuracy)
All 3 NAB Tones are Standard
16" W x 15" L x 5¼" H

ORDERING INFORMATION:

(Four Stock Models are supplied
as available)

(ALL MODELS)

For rack mount add "R" after model
50 Hz on special order
CCIR equalization on special order
Special inquiries are invited

MODEL S11 MONO PLAYBACK, 3 NAB TONES STD.

MODEL S16 STEREO PLAYBACK, 3 NAB TONES STD.

MODEL S21 MONO REC-PLAY, 3 NAB TONES & TIMER STD.

MODEL S26 STEREO REC-PLAY, 3 NAB TONES & TIMER STD.

MODEL S32 MONO NETWORK DELAY, 3 NAB TONES & TIMER STD.

[OTHER MODELS WILL BE QUOTED AS SPECIAL PRODUCTION ONLY]

A NEW
CONCEPT

THE AUDI-CORD "A" SERIES

An intermediate priced cartridge tape machine series with most of the quality and features found in units costing much more.

TWIN TRANSPORT RECORD-PLAY:

- Approx. 17¼" wide x 5¼" high.
- Mono or stereo — 1 or 3 tones.
- Slide-out front panel (recorder).
- All the other "A" Series features and playing capabilities.



A BRAND NEW CONCEPT IN RECORD-PLAY DESIGN — THIS IS QUITE POSSIBLY THE MOST USEFUL STUDIO PRODUCTION MACHINE EVER PRODUCED. IT TOOK AUDI-CORD DESIGN INGENUITY AND FORESIGHT TO PRODUCE SUCH AN IDEA FOR YOUR NEEDS!!

THREE SELECTABLE RECORDING MODES — STANDARD DUAL REPLAY MODES:

- **Regular Single Deck Recordings** — Made on the right hand deck. Left deck may be playing as needed.
- **Dual Recordings** — Simply load the cartridge and push the buttons. How many times have you needed two copies? This is now possible with the Audi-Cord Twin Transport Record-Play.
- **Copies (Dubs)** — Place cartridge to be copied in left deck and select dub mode, make a perfect copy in the right deck — all switching is automatic.
- **Sound Over Sound** — Cut first sound in normal manner, place in left deck, mix in second recording by dubbing left to right.
- **Composites** — Easily performed in dub mode using 1kHz inhibit facility provided.
- **Stereo to Mono Mix Dubs** — Special models on request with 1 deck of each.

RECORD-PLAY:

- 11½" WIDE X 5¼" HIGH.
- MONO OR STEREO.
- 1 OR 3 TONES.
- AUTO SWITCHING METERS.
- UNIQUE SLIDE-OUT PANEL FOR CONTROL ACCESS.

