

# REVOX

A77 TAPE RECORDER  
A77 DOLBY \* B RECORDER  
A76 FM STEREO TUNER  
A78 INTEGRATED STEREO AMP

\*Dolby is the trademark of Dolby Laboratories, Inc.



**"REVOX HAS TRADITIONALLY DESIGNED ITS RECORDERS FOR THOSE WHO WANT THE BEST."**

*-High Fidelity*

**"IN FLEXIBILITY AND OVERALL APPLICABILITY TO SERIOUS HOME RECORDING, ONE COULD HARDLY ASK FOR MORE. ...WE CANNOT IMAGINE HOW THE SOUND QUALITY OF THIS MACHINE CAN BE IMPROVED IN ANY WAY."**

*-Stereo Review*

**"IF YOU ARE A MUSIC MAKER OR MUSIC LISTENER, A REVOX WOULD MAKE YOU ECSTATIC."**

*-Rolling Stone*

**"...WE SUGGEST YOU LISTEN TO ONE AT YOUR LOCAL HI FI SHOWROOM JUST TO ENJOY TRULY MAGNIFICENT SOUND QUALITY."**

*-Hi Fi Stereo Buyer's Guide*

**REVOX CORPORATION • 155 Michael Drive, Syosset, New York 11791 (516) 364-1900 • West Coast Office: (213) 846-0500**

# A77 MKIV Tape Recorder

An improved version of the critically acclaimed A77. A professional recorder for the discriminating enthusiast.

**SERVO CONTROL.** The A77 uses a servo-controlled electronically driven capstan motor of the outer rotor type, directly coupled to the capstan shaft. A 120-tooth high precision gear is cut into the outer surface of the rotor, and the teeth are inductively counted by a special tachometer head. The resultant control signal is used to maintain the speed of the capstan motor within very close limits. Long term speed accuracy and stability are held at better than  $\pm 0.2\%$ , and the speed is completely independent of line voltage and frequency variations. Speed change is also electronically controlled, and is effected by a single low-current switch, ensuring high reliability.

**TRUE ARC ALL METAL PROFESSIONAL HEADS** giving extremely linear low frequency response, together with separate bias and equalization controls for each channel at each speed result in a wide range frequency response which may be optimized for any suitable tape under all operating conditions.

**DOLBY SYSTEM.** The Dolby B noise reduction system operates on low-level signals at medium and high frequencies, which are boosted in the record processor, with subsequent complementary attenuation on playback. This results in an appreciable reduction in tape hiss, which is particularly noticeable at slow speeds and with quarter track configuration. The **Revox A77 Dolby B** version is equipped with separate record and playback processors in each channel to give maximum flexibility and ease of operation. Adjustment of the Dolby calibration is necessary only when the brand or type of tape is changed, and the user need only reset one control in each channel, with a built-in oscillator and the recorder's own meters as reference. Up to 10 dB reduction in tape noise is obtained. The Dolby circuitry may be disconnected by means of a front panel switch, and the unit then performs as a standard A77.

**HIGH SPEED.** A  $7\frac{1}{2}/15$  ips version of the A77 is available for use in disc mastering and other critical recording applications.

**HEAD CONFIGURATIONS.** The A77 and A77 Dolby B are available with either quarter track or half track heads fitted as standard. Half track heads are advisable for the high speed version, and for professional applications where the highest quality is required. A full track mono version of the A77 is also available to special order. This unit utilizes one meter to indicate record level, and the other to read playback level. Input mixing facilities are also provided. The signal to noise ratio is better than 65 dB unweighted.

**REMOTE CONTROL.** Full remote control of all functions of the A77 (including RECORD) is possible with the optional remote control units, which plug into a socket provided on the A77 rear connection panel.

## TECHNICAL SPECIFICATIONS

(All figures quoted are minimum performance values as measured with Scotch 207 tape.)

**Tape Speed:**  $3\frac{3}{4}$  and  $7\frac{1}{2}$  ips, max. deviation from nominal  $\pm 0.2\%$ . **Wow and Flutter:** total rms, weighted 0.04% at  $7\frac{1}{2}$  ips and 0.05% at  $3\frac{3}{4}$  ips. Weighted peak to peak flutter as per DIN: 0.08% at  $7\frac{1}{2}$  ips and 0.1% at  $3\frac{3}{4}$  ips. **Tape Slip:** not exceeding 0.3%. **Tape Spool Diameter:** up to 10 1/2 in. (min. hub diameter 2-3/8 in.) **Operating Position:** horizontal or vertical. **Semiconductor Complement:** 54 transistors, 32 diodes, 4 silicon rectifiers, 1 CdS-cell. **Frequency Response via tape:** at  $7\frac{1}{2}$  ips — 30 Hz to 20 kHz  $\pm 2/-3$  dB, 50 Hz to 15 kHz  $\pm 1.5$  dB; at  $3\frac{3}{4}$  ips — 30 Hz to 16 kHz  $\pm 2/-3$  dB, 50 Hz to 10 kHz  $\pm 1.5$  dB. **Equalization:** record NAB, playback NAB and IEC (switchable). **Distortion:** measured via tape at 1 kHz peak level and at 0 VU respectively.  $7\frac{1}{2}$  ips less than 2% or 0.6% resp.  $3\frac{3}{4}$  ips less than 3% or 1.0% resp. **Signal to Noise Ratio:** weighted as per ASA A, readings via tape.  $7\frac{1}{2}$  ips better than 66 dB (4-track 62 dB).  $3\frac{3}{4}$  ips better than 63 dB (4-track 59 dB). **Crosstalk at 1 kHz:** mono better than 60 dB, stereo better than 45 dB. **Inputs per channel:** Microphone, low impedance 50 to 600 ohms 0.15 mV, high impedance up to 100k ohms 2.5 mV — Radio 2.5 mV — Auxiliary 35 mV. All inputs have an overload margin of 40 dB (1:100). **Outputs per channel:** Amplifier max. 2.5 V, internal impedance 600 ohms — Radio max. 1.2 V, internal impedance 2.5k ohms — Headphones, volume adjustable, load impedance 200 ohms or more. **Power Amplifier:** optional plug-in amplifiers, may be fitted to all units except Dolby version. **Power Requirements:** voltage selector for 110 to 250 V, 50 to 60 Hz operation without need for conversion, consumption 70... 100 watts. **Dimensions:** in carrying case 20-5/8 x 15 x 8 3/8 in.; in wooden cabinet 16-3/8 x 14-3/16 x 7-1/8 in.

## DOLBY TECHNICAL SPECIFICATIONS

(All measurements taken with Scotch 207 tape, Dolby electronics switched on.)

**2-Track Version (values for the 4-track version are shown in parentheses)**

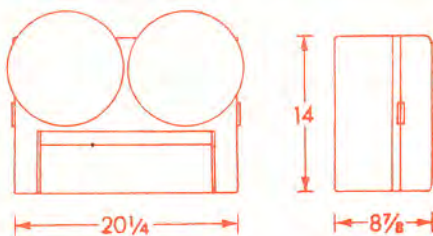
**Signal to Noise Ratio:** off tape, weighted as per CCIT: at  $7\frac{1}{2}$  ips better than 67 dB (65 dB); at  $3\frac{3}{4}$  ips better than 64 dB (62 dB), weighted as per ASA A: at  $7\frac{1}{2}$  ips better than 70 dB (67 dB); at  $3\frac{3}{4}$  ips better than 67 dB (65 dB). **Distortion:** measured off tape, 500 Hz Peak Level (assumed to be +6 VU): at  $7\frac{1}{2}$  ips better than 1% (1.5%), at  $3\frac{3}{4}$  ips better than 1.5% (2%); Operating Level 0 dB (100%): at  $7\frac{1}{2}$  ips better than 0.5% (0.5%), at  $3\frac{3}{4}$  ips better than 0.5% (1%).

**Revox guarantees these 4 parts for 1 year:** Capstan, Pressure Roller, Record Head, and Playback Head.

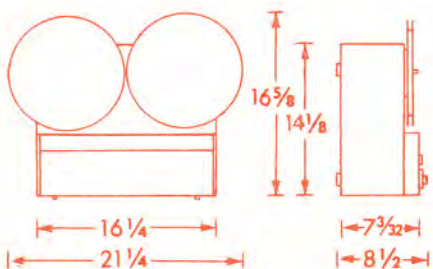
**...the remaining 842 parts are guaranteed for life!**

## REVOX LIFETIME GUARANTEE...

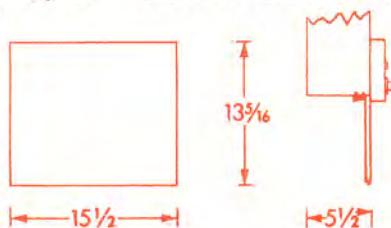
Revox Corporation guarantees to the original purchaser of a Revox A77 tape recorder purchased from it in the U.S.A., except as to fuses and bulbs: 1) to replace without charge any part failing within twelve months after purchase; and 2) to provide a free replacement in exchange for any part thereafter failing except the record and playback heads, capstan and pressure roller. This guarantee shall be void if the purchase has not been registered with the Revox Corporation within the time specified in the card supplied the purchaser with the recorder, or if the recorder has been modified or altered by anyone other than the Revox Corporation or its authorized representatives, or if the recorder has been damaged by misuse or accident. Transportation charges are not included in this guarantee. There are no warranties or guarantees except those expressed herein.



Dimensions Walnut Cabinet



Cut Out Dimensions for Rack-Mount



See Retail Price Sheet for further details of configurations available.

# A76 MKIII FM Stereo Tuner.

An entirely new approach to FM-signal processing has created this no-compromise design that sets new performance standards.

The same meticulous engineering that created the incomparable REVOX A77 tape recorder, has now been applied to an all new FM tuner of outstanding performance and reliability.

**OPERATING SIMPLICITY PLUS CLEAN-LINED ELEGANCE.** Precisely calibrated linear dial...Two separate meters for center of channel tuning and signal strength indication...Display lights that indicate presence of a stereo signal and multipath interference. Separate refined electronics to operate all indicating devices, ensuring very simple yet highly accurate tuning to any station...Individual push buttons for desired mode selection. Automatic mono/stereo switching with adjustable triggering level...Interstation muting with special threshold control for absolute silence when tuning between stations...Stereo noise suppression switch for weak or noisy signals.

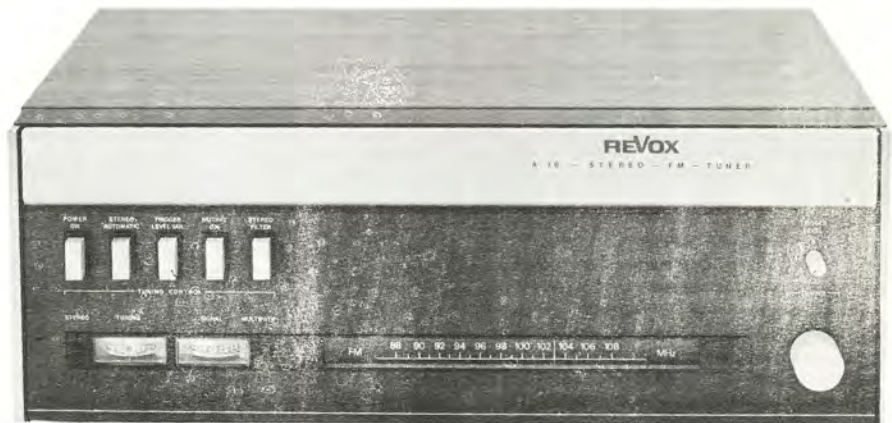
**PROFESSIONAL CONSTRUCTION.** Epoxy circuit boards used throughout...Fully shielded inner chassis...Plug-in connectors for simplified servicing.

**STATE OF THE ART ELECTRONICS.** Front end employing three dual-gate field-effect transistors and a four-section tuning capacitor for maximum sensitivity...Unparalleled oscillator stability eliminates drifting and the need for AFC (automatic frequency control)...Unique IF-strip significantly reduces modulation distortion by separating selectivity and amplification functions...Wide band IF-amplifier design (5 MHz) employs five IC's for outstanding interference suppression...Specially developed discriminator circuit with co-axial delay lines for minimum distortion, and absolute stability...Multiplex section provides outstanding separation and low distortion...Two antenna inputs for both balanced and unbalanced lines...Two regulated power supplies insure optimum operating conditions at all times. This concentration of unusual problem solutions has been created by the ever probing minds that are at work at REVOX research laboratories.

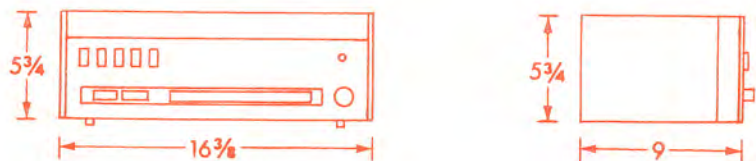
## TECHNICAL SPECIFICATIONS

(All figures quoted are minimum performance values.)

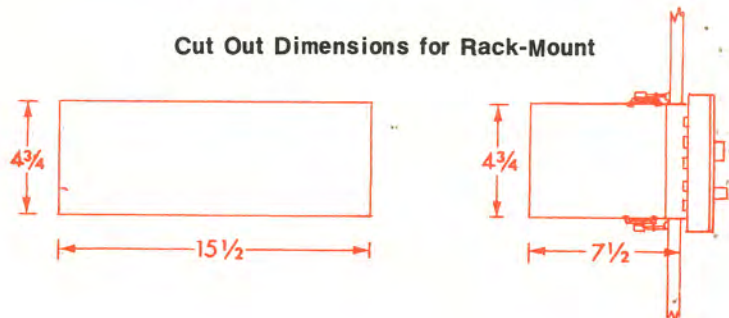
**Tuning Range:** 87.5...108 MHz. **Sensitivity:** mono 1 microvolt, stereo 10 microvolts measured at the 60 ohm input for 30 dB S/N ratio at a deviation of 15 kHz. **Static Selectivity:** 60 dB at 300 kHz separation. **Spurious Response:** 90 dB. **Image Rejection:** 76 dB. **IF Rejection:** 100 dB. **Bandwidths:** IF-filter 130 kHz, IF-amplifier and demodulator 5 MHz. **Capture Ratio:** 1 dB measured at 1 mV antenna signal and a deviation of 40 kHz. **AM Rejection:** 54 dB referenced to 22.5 kHz deviation, 30% AM (400 Hz) and 1 mV antenna input. **Pulse Noise Rejection:** 40 dB, peak noise ratio referenced to 75 kHz deviation, measured with a 100 microvolt input signal and 1 mV per 100 kHz pulse noise voltage (50 Hz). **Distortion:** 0.2% at 1 kHz and 40 kHz deviation (mono or stereo L = R). **Signal to Noise Ratio:** 70 dB at 75 kHz deviation and 1 mV antenna input. **SCA Rejection:** 80 dB at 67 kHz. **Pilot Signal Suppression:** 40 dB at 19 kHz referenced to 75 kHz deviation. **Subcarrier Suppression:** 50 dB at 38 kHz referenced to 75 kHz deviation. **Frequency Response:** 30 Hz ...15 kHz - 1 dB measured from antenna input to audio output. **Deemphasis:** 50 microseconds or 75 microseconds. **Audio Output:** 1 volt at 75 kHz deviation. **Semiconductor Complement:** 3 MOS - FET's, 40 silicon transistors, 6 IC's, 26 diodes, 2 silicon rectifiers. **Power Requirement:** voltage selector for 110 V to 250 V, 50 to 60 Hz operation, consumption 20 watts. **Dimensions:** 16-3/8 x 6-5/16 x 9-5/8 in. overall.



Dimensions Walnut Cabinet



Cut Out Dimensions for Rack-Mount



# A78 MKII Integrated Stereo Amplifier.

A new reference standard stereo amplifier of professional quality and outstanding performance.

The new REVOX A78 is the product of an ongoing program of research and development. It incorporates the most advanced and reliable electronic circuitry currently available. It has been designed to give continuous, trouble-free service under the most demanding professional conditions. Power output is more than adequate for all home use; more important, distortion, intermodulation and noise are so low as to be virtually absent.

**PROFESSIONAL CHARACTERISTICS AND FUNCTIONS.** Step-type tone controls, individually adjustable for both channels. They permit absolutely repeatable bass and treble settings. In addition, tone controls can be switched out of circuit for completely linear response...Rumble filter for extreme low frequency attenuation...Scratch filter to reduce noise from old or worn records...Exclusive (presence) filter for enhanced instrument projection...Unique loudness control that subtly corrects for normal hearing characteristics at low volume levels...Push button brings circuit into operation.

**VERSATILITY PLUS OPERATING CONVENIENCE.** Full complement inputs including low-level phono, tuner, tape and auxiliary...Additional special mike input for taping or P.A. use...Inputs can be individually adjusted via pre-set level controls to maintain constant volume from source to source...Two headphone outputs eliminate accessory function boxes plus additional tape output on front panel...Front panel switching for remote speakers...All controls conveniently accessible from front of amplifier.

**PROFESSIONAL CONSTRUCTION THROUGHOUT.** Massive heat sink plus electronic protection against overload guards against power transistor failure...Plug in epoxy circuit boards for easy maintenance and repair...Generously rated components plus all-silicon circuitry assure long term reliability.



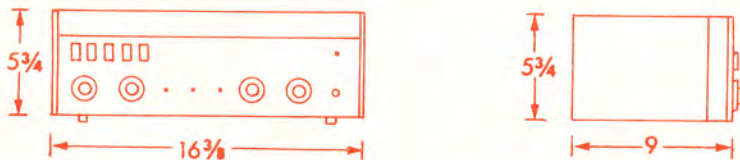
## TECHNICAL SPECIFICATIONS

(All figures quoted are minimum performance values.)

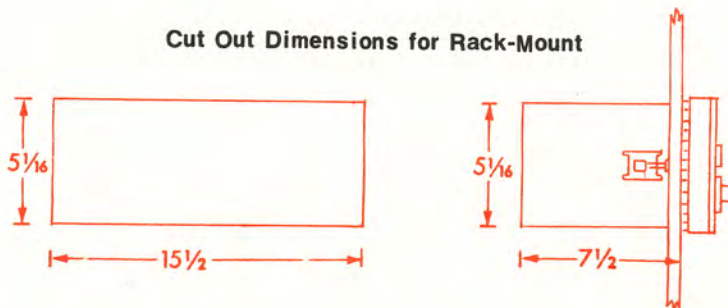
**POWER OUTPUT:** 40 watts RMS per channel into 4 ohms with both channels fully driven. **POWER BANDWIDTH:** 40 Hz to 15000 Hz at stated output power. **DISTORTION:** 0.3% maximum throughout the power bandwidth at any output.

**Frequency Response:** 20 Hz to 20 kHz  $\pm 1$  dB. **Intermodulation:** less than 0.3% as per SMPTE. **Signal to Noise Unweighted:** Phono better than 65 dB; Tuner, Tape and Auxiliary better than 75 dB; Tape Monitor better than 80 dB. The significant value for earphone listening at 50 mW reaches a 50 dB ratio for all inputs. **Crosstalk:** better than 60 dB (1000 Hz) for all Cinch-socket inputs. **Damping Factor:** better than 20 when used with 4 ohm speakers. **Phono Equalization:** in agreement with RIAA/IEC recommendations (50 Hz to 15 kHz)  $\pm 1$  dB. **Inputs:** (nominal sensitivity and impedance). Microphone 3 mV/100k ohms; Phono, magnetic or dynamic 3 mV/47k ohms, crystal or ceramic 230 mV/800k ohms; Tape, Tuner 100 mV/100k ohms; Auxiliary 100 mV/330k ohms; Tape Monitor 250 mV/50k ohms. **Tone Controls:** in 4 dB steps  $\pm 12$  dB at 60 Hz,  $\pm 12$  dB at 12 kHz. **Filters:** Low, slope 12 dB per octave with -8 dB at 60 Hz; High, slope 12 dB per octave with -15 dB at 12 kHz. **Presence:** +3.6 dB at 2500 Hz. **Outputs:** Loudspeakers 4 to 16 ohms (when operating two pairs simultaneously, minimum 8 ohms per speaker); Tape, for tape recorder with a sensitivity of at least 175 mV and 50k ohms input impedance; Headphones, for headphones with impedances from 5 ohms upwards. **Semiconductor Complement:** 36 silicon transistors, 22 diodes, 3 silicon rectifiers. **Power Requirements:** voltage selector for 110 V to 250 V, 50 to 60 Hz operation, consumption 20...200 W. **Dimensions:** 16-3/8 x 6 1/4 x 9-5/8 inches overall.

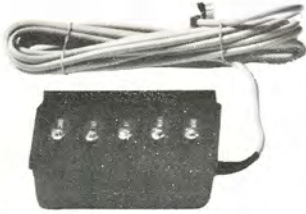
Dimensions Walnut Cabinet



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# REVOX A77 ACCESSORIES



Model 1705 illuminated remote control. This unit contains a transistorized electronic de-coder for the lamp circuits, which means that the lamps will always indicate the actual function of the machine regardless of whether it is operated via the remote control or at the Revox.

Model 1705A — same as above with switch to enable automatic rewind.



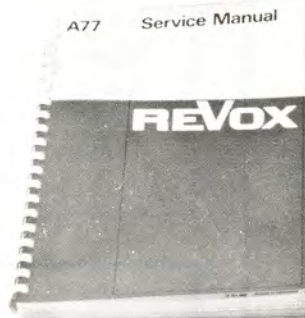
Model 1605 mechanical remote control with self-locking play and record buttons. 15 ft. cord.

Model 1610 — same as above with 30 ft. cord.

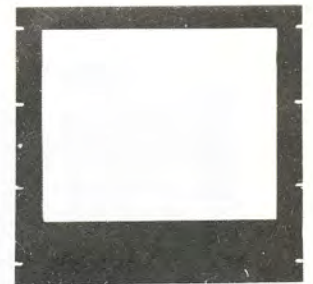


Pair of NAB adaptors allows 10 1/2" NAB center reels to be used on A77, either Standard or Spun Aluminium Professional models.

Revox 3500 Microphone. Professional quality, cardioid moving coil, supplied with individual print-out, windshield, microphone clamp and table stand.



Service manual provides complete circuit diagrams and setting up and maintenance procedure. Includes Dolby. Separate Dolby supplement also available.



19" rackmount allows machine in 1300 cabinet to be mounted in standard equipment bays.

NAB Metal Reel. Computer type precision. Professional 10 1/2" diameter metal reel.



Empty reel, 10 1/2" with 1/4" center hole.





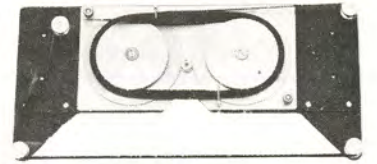
Waterproof cover fits over the 1100 case while leaving the handle of the recorder accessible for carrying. Convenient pockets for tape reel and line cord.



Rigid protective carrying case fits 1100 versions of the A77 and completely encloses the recorder for hand carrying.



Tape Library Case. Empty, holds 10½" reels.



300 ft. Endless-loop Cassette. Special tape cassette and chassis mounting. Continuously repeats programs up to 20 minutes long. Supplied with adaptor kit and full instructions.



Stainless steel front-plate press-on



Smoke grey dust cover fits any version of the A77 and provides dust protection for the deck when the machine is not in use.

All of these accessories are available at Revox dealers.

#### PLEASE NOTE

To enjoy the superb quality of the Revox recorder and avoid loss of volume, a minimum headphone impedance of 200 ohms is required.

Revox recommends the Beyer Dynamic range of headphones (all impedances including 200 ohms), microphones, stands and accessories to complement the A77. Descriptive literature and specifications are available on request.

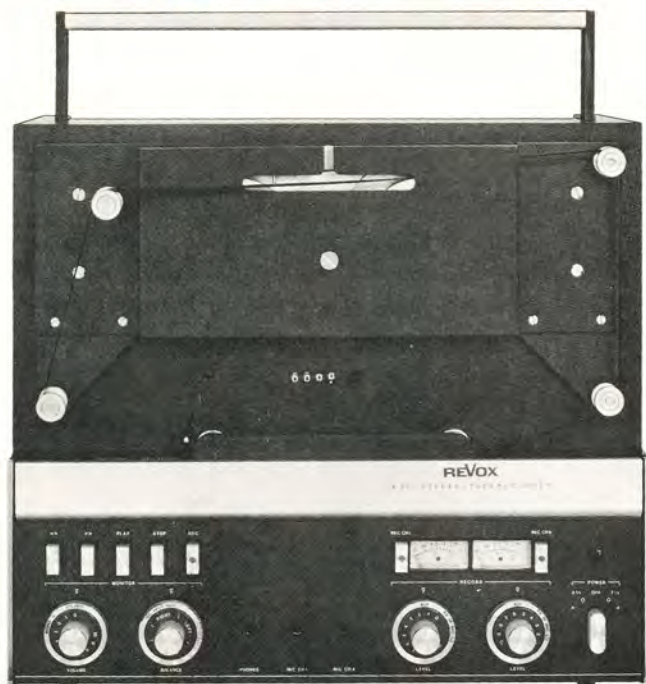
**REVOX**  
corporation

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Form RV47B • Dec. 1, 1973

# REVOX

## Delay/Echo Unit



### REVOX A77 WITH ENDLESS LOOP CASSETTE

The endless loop cassette may be used with any standard A77 recorder by removing the deck plate and reel turntables, and attaching the cassette mounting plate. The changeover operation may be performed in less than ten minutes, and once the mounting plate is attached, different cassettes can be installed within seconds.

The cassettes are loaded with lubricated-back tape to a maximum length of ten minutes at 7½ ips (375 feet).

**Applications include:** automatic message repeating ● continuous short-term program monitoring ● time delay for tape echo or control of programmable machinery. For the last application, the variable speed control unit may be used to extend the range of available time delays. The table below shows the time delays which may be obtained at various speeds.

Speed (in ips)	Time Delay	(with variable speed)	
		Min. Delay	Max. Delay
1⅞	700mS	592mS	768mS
3¾	350mS	296mS	384mS
7½	175mS	148mS	192mS
15	88mS	74mS	96mS

The A77 is available in the following speed configurations: 1⅞/3¾ ips; 3¾/7½ ips; 7½/15 ips.

### TECHNICAL SPECIFICATIONS (for 3¾/7½ unit)

**Tape speed:** 3¾ and 7½ ips, max. deviation from nominal ± 0.2%.

**Wow and flutter:** total rms, weighted 0.04% at 7½ ips and 0.05% at 3¾ ips. Weighted peak to peak flutter as per DIN 0.08% at 7½ ips and 0.1% at 3¾ ips.

**Tape slip:** not exceeding 0.2%.

**Tape spool diameter:** up to 10½ inches (minimum hub diameter is 2-3/8 inches).

**Operating position:** horizontal or vertical.

**Semiconductor complement:** 54 transistors, 32 diodes, 4 silicon rectifiers, 1 CdS-cell.

**Frequency response via tape:** At 7½ ips; 30 Hz to 20 kHz +2/-3 dB, 50 Hz to 15 kHz ± 1.5 dB. At 3¾ ips; 30 Hz to 16 kHz +2/-3 dB, 50 Hz to 10 kHz ± 1.5 dB.

**Equalization:** record NAB, playback NAB and IEC (switchable).

**Distortion:** measured via tape at 1 kHz peak level and at 0 VU respectively. 7½ ips less than 2% or 0.6% resp. 3¾ ips less than 3% or 1.0% resp.

**Signal to noise ratio:** weighted as per ASA A, readings via tape 7½ ips better than 66 dB (4-track 62 dB). 3¾ ips better than 63 dB (4-track 59 dB).

**Crosstalk at 1 kHz:** mono better than 60 dB, stereo better than 45 dB.

**Inputs per channel:** microphone, low impedance 50 to 600 ohms 0.15 mV, high impedance up to 100 k ohms 2.5 mV — radio 2.5 mV — auxiliary 35 mV. All inputs have an overload margin of 40 dB (1:100)

**Outputs per channel:** Amplifier max. 2.5 V, internal impedance 600 ohms — radio max. 1.2 V, internal impedance 2.5 k ohms — headphones, volume adjustable, load impedance 200 ohms or more.

**Power amplifier:** optional plug-in amplifiers, 2 x 8 watts continuous rms power, 2 x 10 watts music power as per IHFM.

**Power requirements:** voltage selector for 110 to 250 V, 50 to 60 Hz operation without need for conversion, consumption 70...100 watts.

**Dimensions:** in carrying case 20-5/8 x 15 x 8¾ ins. wooden cabinet 16-3/8 x 14-3/16 x 7-1/8 inches.

Units fitted with the endless loop cassette may be quickly converted into high quality recorders for production or duplicating use.

**Price:** 1⅞/3¾ ips — \$1320 — Variable Pitch fitted as standard

3¾/7½ ips — \$1222 — Variable Pitch fitted as standard

7½/15 ips — \$1320 — Variable Pitch fitted as standard

300' endless loop cassette & adaptor chassis for A77 — \$235

300' endless loop cassette only — \$137

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RV221A

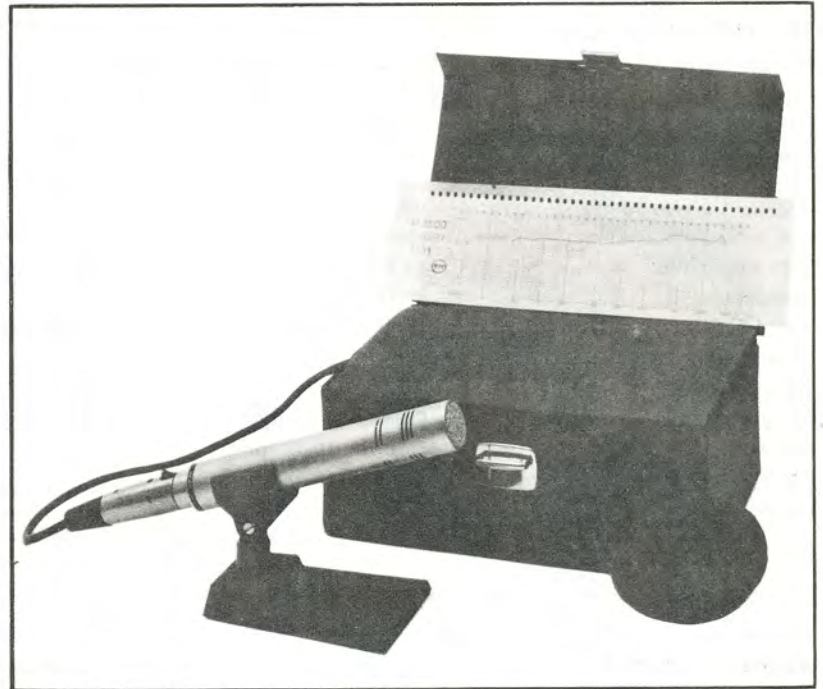
# REVOX

# 3500

## ENGINEERING DATA

Dynamic unidirectional  
microphone

- True cardioid characteristics
- Specially constructed pressure gradient transducer
- Robust all metal construction
- Elegantly styled
- "Standard" setting specification consistency



## DESCRIPTION AND APPLICATIONS

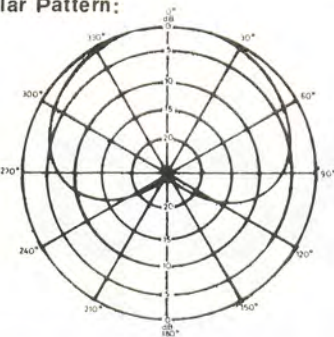
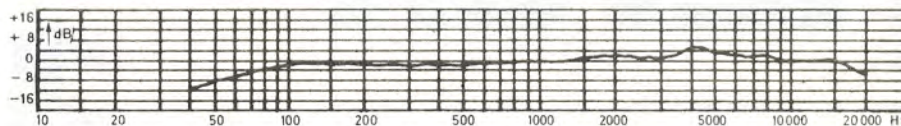
The Revox model 3500 is a dynamic moving coil microphone with wide, flat frequency range, high output and true cardioid characteristics and has been designed for the most exacting use. Its outstanding performance in relation to its small size has been achieved by the development of a specially constructed pressure gradient transducer. Despite the small size of the diaphragm, sensitivity is maintained at a high level by means of a highly efficient magnetic circuit.

The 3500 is ideally suited to tape recording applications, where good intelligibility and full range ability is required. The unique construction of the 3500 housing reduces handling noise to a minimum and the microphone may be used either stand mounted or hand-held. The 3500 is designed to withstand the rigors of years of hard use and is completely unaffected by extremes of atmospheric conditions.

# REVOX

155 Michael Drive, Syosset, N.Y. 11791 (516) 364-1900



**Polar Pattern:****Frequency Response Curve:**

This polar pattern and frequency response curve correspond to typical machine run specifications from a standard Revox 3500.

**SPECIFICATIONS**

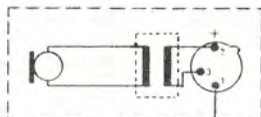
Acoustical mode of operation	Pressure gradient
Frequency range	40 – 18,000 Hz
Polar pattern	Cardioid
Side attenuation at 120°	> 20 db
Output level at 1 kHz (0 dbm $\cong$ 1 mW/10 dynes/cm <sup>2</sup> )	-56 dbm
EIA sensitivity rating	-149 dbm
Hum sensitivity	4 $\mu$ V/5 $\mu$ Tesla (50 Hz)
Impedance	600 ohms
Rated load	> 1000 ohms
Diaphragm	Hostaphan
Case material	Brass
Finish	Chromium-plated
Net weight	7.76 oz. (220 grams)
Built-in connector	Switchcraft M 3 M
Dimensions	Length – 6.3", Diameter – 0.945"

**ACCESSORIES**

Cable	MKV N (C), 15.5' two conductor shielded broadcast type synthetic rubber jacketed with switchcraft A 3 F connector, terminated with standard phone jack. Leads white (inphase) and blue.
Clamp	MKV 24, (quick disconnect) with 3/8" thread, plus 3/8" to 5/8" adaptor supplied with the microphone.
Windscreen	Lightweight foam material. In gray supplied with the microphone.
Gooseneck	SH 15/400 N (C) ZSH 30 (base plate with thread).
Table stand	ST 300.3
Floor stands	ST 199, ST205A/1, ST201A/2, ST210/2, ST220, ST212 and boom arm SCH211.
Cable transformer for connection to high impedance inputs	KTR 47 M/BV 40132, with Switchcraft A 3 F connector and 2-pole jack plug, length of cable: 15.5'; or STR 145/BV 40135, matching transformer mounted in Switchcraft audio connector S 3 FM.

**WIRING DIAGRAM****Cannon XLR/Switchcraft A3 type**

- 1 – shield
- 2 – white
- 3 – blue

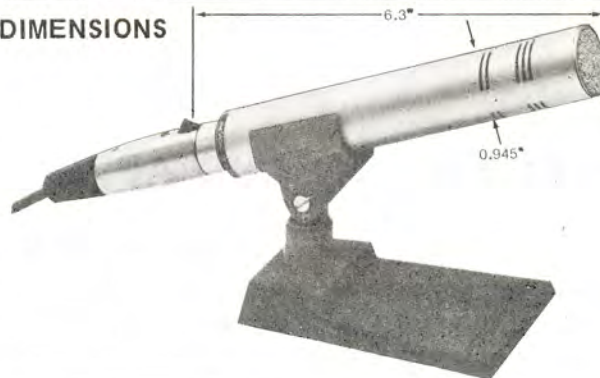


Wiring configuration for tip, ring and sleeve balanced phone jack.

White wire – tip  
Blue wire – ring  
Shield – sleeve

Wiring configuration for mono phone jack.

White wire – tip  
Blue wire – sleeve  
Shield – sleeve

**DIMENSIONS****ARCHITECTS' AND ENGINEERS' SPECIFICATIONS**

The microphone shall be an unidirectional dynamic moving coil type with wide frequency range of 40 - 18000 Hz. This unit shall have a true cardioid directional characteristic with attenuation at 120° at 18 to 22 db.

The microphone shall have a 600-ohm impedance balanced output, with an output level at 1000 Hz of -56 dbm and EIA sensitivity rating of -149 dbm. The microphone shall be elegantly styled, the case shall be metal with chrome finish. The microphone shall be provided with a swivel adaptor, grey colored windscreen, and table stand. The dimensions shall be 6.3" long by 0.945" in diameter. Net weight shall be 7.76 ounces.

The microphone shall be available with Switchcraft connector M 3 M.

The REVOX MODEL 3500 is specified.

**REVOX CORPORATION:** 155 Michael Dr., Syosset, N.Y. 11769

Form RV217

# REVOX

## OEM TRANSPORT SYSTEM

Using the well proven A77 components, this transport features full relay control and built-in power supply and can be easily interfaced to a computer, control equipment or a broadcast automatic system via its integral remote control socket.

### FEATURES:

3 Motor Tape Transport System having the ability to use spools from 5" up to 10½"

Provision for 4 Digit Counter

Fully Remotely Controllable

Provision for Adjustable Tape Tension Control

Ability to Control Speeds from 1⅞ ips to in excess of 7½ ips

High Speed Winding (approx. 45 seconds for 45 minute program)

Electronically governed Servo Capstan Motor

21 Volt Regulated Power Supply

Edit Lever

Exceptionally Quiet Operation

Full Mechanical Servo Braking System

Photo Electric Tape End

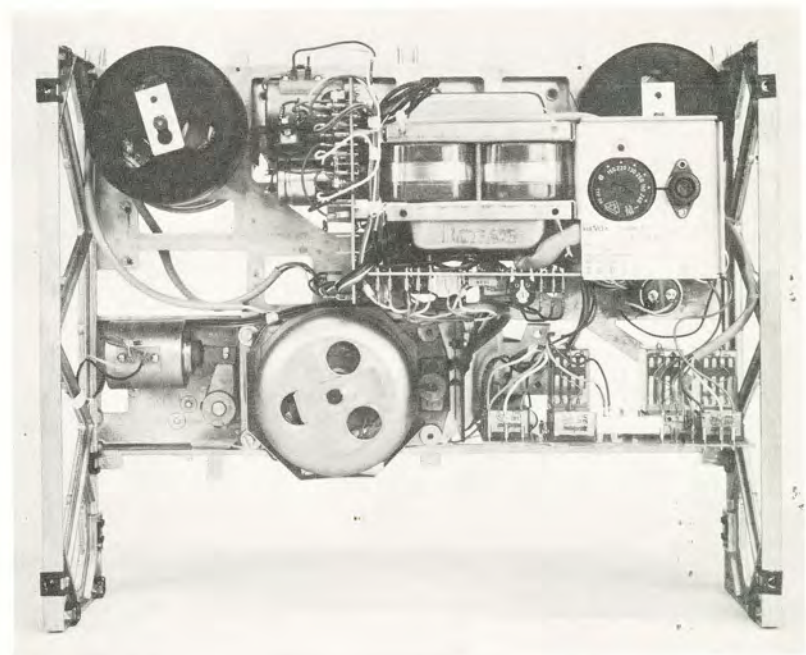
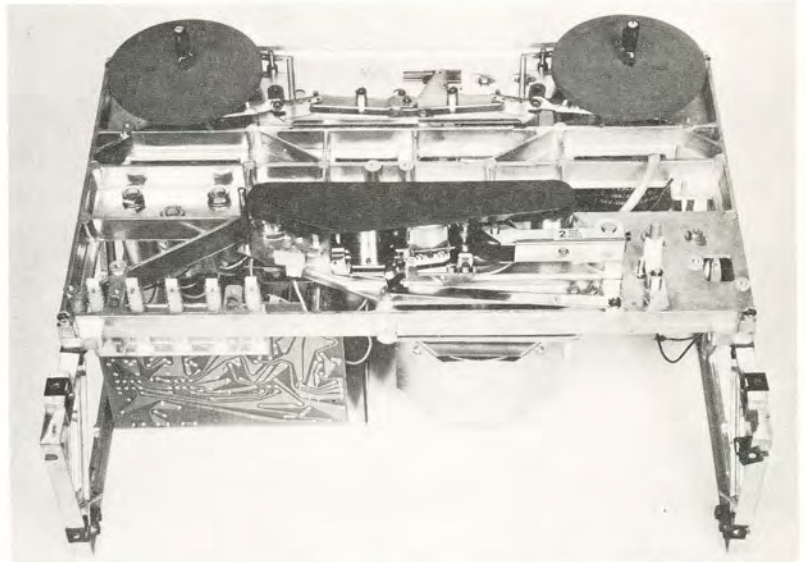
Massive Cast Chassis and Side Rail Construction

Fitted with Half Track Stereo Play Back Head with Provision for Extra Erase Head and Record Head or One Additional Play Back Head

### DIMENSIONS:

Depth: 5¾" (from back to top of reel turntables)

Width: 15¾" Height: 12½"



# REVOX

155 Michael Drive, Syosset, N.Y. 11791 phone: 516-364-1900  
for West Coast Office, phone 213-846-0500

# LAMB LABORATORIES

## professional net price list

### SPECIAL ORDER UNITS

Modifications available at time of initial order for Revox A77 and A77 Dolby B\* tape recorders. Please use Revox price list (see over), choose desired unit and add to price (slightly more if modifications performed at later date - please apply):

IN-SYNC FOR A77.....	\$125.00
IN-SYNC FOR A77 DOLBY B* .....	150.00
VARIABLE PITCH FOR A77 .....	75.00

The **In-Sync** modification enables track one of a previously recorded tape to be heard through the top section of the record head, thereby permitting a synchronized recording to be made on the lower section (track two). This system permits two consecutive tracks to be recorded, in full synchronization, without the extra noise inherent in track-to-track (second generation) recording.

The **Variable Pitch** modification is a continuous rotary control which enables any speed to be selected and held within a range of -10% to +15% of the chosen speed. Also permits a continuous slow sweep of speed within the same parameters. Uses include: correction to speed of tapes previously recorded off-speed, demonstration of the effects of pitch-change in music studies, controlled sweeping pitch-changes in electronic music, composing, etc. Removal of plug-in variable pitch control box restores the Revox A77 to normal operation.

PML422 MIXER..... \$675.00

PML424 MIXER..... \$675.00

PML426 MIXER..... \$625.00

LPS10-24A MIXER POWER SUPPLY powers up to 3 mixers..... \$65.00

MIXER CASE houses 422 or 424 or 426 together with additional space for microphones, cables, etc..... \$45.00

**A77 MINI STUDIO** comprising of 1 x Revox A77 1222 IS HS VP; 1 x Lamb Laboratories PML422 mixer; 1 x Lamb Laboratories LPS10-24A mixer power supply; 1 x 1605 remote control; 1 x Beyer M101 microphone; 1 x Beyer M500 microphone; 1 x Beyer X1N microphone; 1 x Revox 3500 microphone; 4 x ST205A/1 Beyer microphone stands; 2 x SCH211 Beyer boom arms; 1 x 238 Beyer extension rail; 1 x DT100 Beyer headphones; 1 x carry case for microphone/stands/cables; 1 x rigid carry case for PML422 mixer; all interconnecting cables. .... \$3054.00

(PML424 and PML426 Mixers are shortly to be available.)

For further pricing information, please check with your Lamb Laboratories dealer or with Lamb Laboratories direct.

Prices are subject to change without notice, especially on Imported items where duties and currencies may fluctuate due to conditions beyond our control.

Our prices of all goods offered are those prevalent at time of delivery.

This listing supercedes all previous prices.

**LAMB  
LABORATORIES**

● 155 Michael Drive, Syosset, New York 11791 phone: (516) 364-1900  
● West Coast Office: (213) 846-0500

# REVOX

## A77 PROFESSIONAL NET PRICE LIST

### STANDARD SPEED

2 Track	4 Track		
1102	1104	Walnut cabinet, deck and pre-amp only	\$ 899.00
1122	1124	Walnut cabinet, deck and amplifiers	999.00
1202	1204	Suitcase cabinet with speakers, no amplifiers	969.00
1222	1224	Suitcase cabinet with speakers and amplifiers	1069.00
1302	1304	Metal cage, deck and pre-amp only	899.00
1322	1324	Metal cage, deck and amplifiers	999.00
Stainless steel faceplate fitted on all above models.....add			10.00

### SPECIAL VERSIONS OF ABOVE MODELS

High Speed	7½/15 ips, Stainless steel faceplate included in price...add	\$ 110.00
Slow Speed	1⅞/3¼ ips, Stainless steel faceplate included in price...add	110.00
Full Track	(skew specification not guaranteed at 3¼ ips).....add	110.00
Voice Activated	Stainless steel faceplate included in price.....add	150.00

### PROFESSIONAL MACHINES: 7½/15 ips. Equalized per NAB. Includes balanced line inputs and outputs, Cannon XLR type connectors.

2 Track	4 Track		
1102	1104	A77CS Professional	\$1490.00
1122	1124	A77CSVV Professional	1590.00
1202	1204	A77AK Professional	1560.00
1222	1224	A77K Professional	1660.00
1302	1304	A77CM Professional	1490.00
1322	1324	A77CMVV Professional	1590.00

### REVOX/DOLBY B\* (3¼/7½ ips)

2 Track	4 Track		
1132DB	1134DB		\$1112.00
1332DB	1334DB		1112.00
Stainless steel faceplate fitted to Dolby B*.....add			10.00

REVOX TUNER A76	\$ 750.00
REVOX AMPLIFIER A78	\$ 563.00
REVOX LOUDSPEAKER SYSTEM AXA4-3.....each	\$ 350.00

### REVOX A77 ACCESSORIES

Stainless Steel Faceplate, unmounted	\$ 10.00
A77 Dustcover, smoke grey	16.00
Professional NAB Adaptors, pair	58.00
NAB Adaptors, pair	20.00
10½" Revox NAB Center Professional Metal Spools	10.50
10½" Revox Standard Center Novador Spools	5.50
10½" Plastic Library Case	6.75
19" Professional Rack Mount (for 1300 type)	19.00
Revox 3500 Cardioid Dynamic Microphone, stand and case	165.00
A77 Owner's Operating Manual	3.65
A77 Service Manual with Dolby Supplement	15.50
A77 Unbound Dolby Service Supplement	5.50
A77 Rigid Carrying Case	29.95
A77 Waterproof Vinyl Cover	10.50
Plug-In Monitor Power Amplifiers, pair	148.00
300' Endless Loop Cassette and Adaptor Chassis for A77 (Industrial and commercial use)	235.00
A77 Remote Control Unit (1610), mechanical, 15' cord	40.50
A77 Remote Control Unit (1610), mechanical, 30' cord	44.50
A77 Remote Control Unit (1705), illuminated, 15' cord	52.00
A77 Remote Control Unit (1705A), illuminated, automatic rewind function	69.00

Existing Revox owners requiring changes in speed and/or head configuration should apply to the Revox Corporation Service Department for special quotations.

All prices are subject to change without notice. Our prices of all goods offered are those in effect at time of delivery.

The standard units shown on this sheet are manufactured by Revox International, Europe. In-Sync, Variable Pitch and other specially modified units are customized by Lamb Laboratories, Inc., U.S.A. to special order. SEE OVER.

Specifications and prices on the Beyer Dynamic line of microphones, headphones, stands & accessories are available on request.

\*Dolby is the Trade Mark of Dolby Laboratories, Inc.