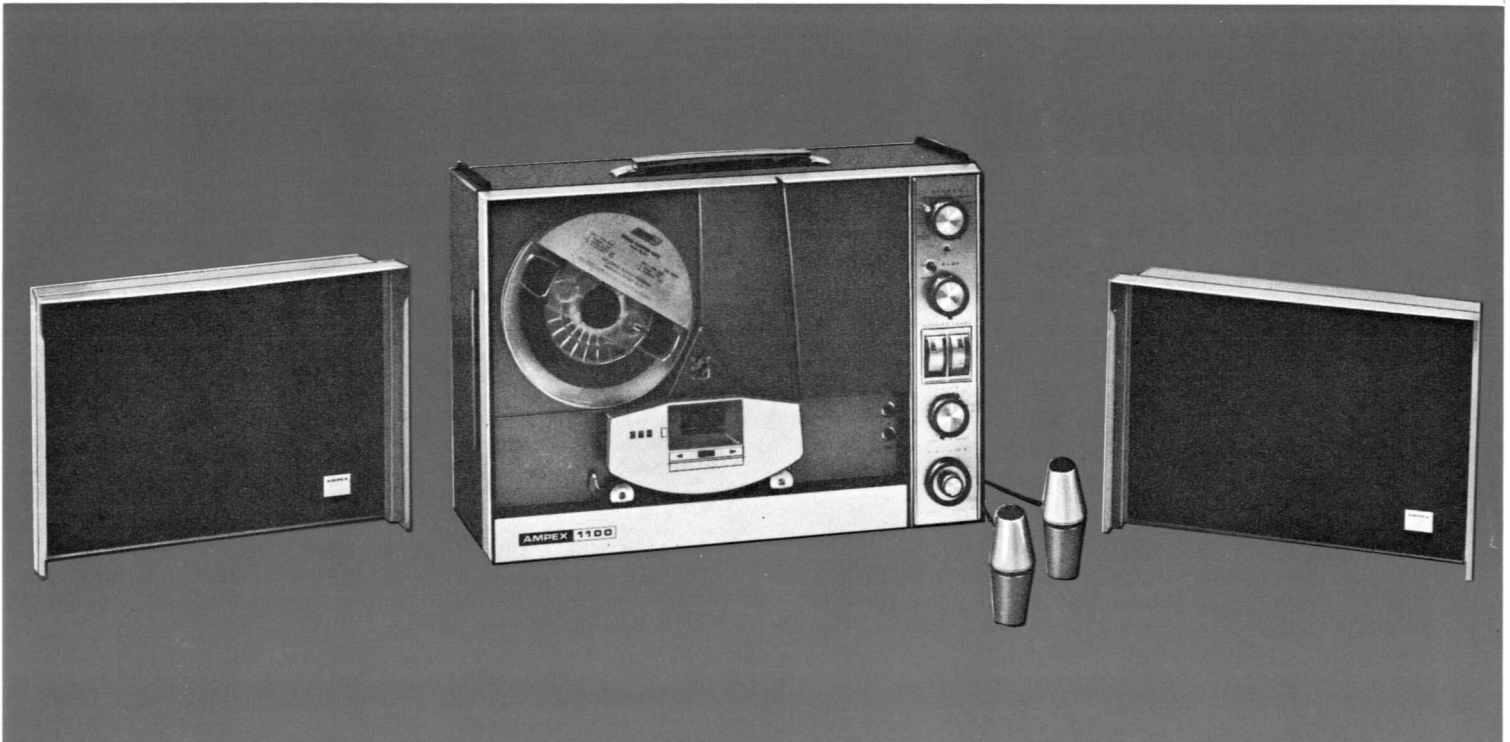


# AMPEX

## 1100 SERIES

### SOLID STATE STEREOPHONIC TAPE RECORDER PLAYER

For convenience and reliability, consider the incomparable Ampex 1100 Series recorder player. It loads itself in seconds and features automatic electronic reversing . . . plays a complete 4-track stereo tape without reel changing! This coupled with magnificent stereo sound, built-in Ampex quality and beautiful styling, assure you years of pleasure and enjoyment.



#### MODEL 1161

~~\$449.95~~ **\$499.95**

A complete portable outfit that includes recorder with power amplifiers, two 1101 microphones and one pair of handy 1113 speakers that slide on to recorder when not in use.

#### MODEL 1160

~~\$449.95~~ **\$449.95**

Same as Model 1161 but without speakers and with one 1101 microphone.



#### MODEL 1165

~~\$479.95~~ **\$479.95**

Identical to Model 1160 in operation, unit is mounted in a beautiful oiled walnut case.



#### MODEL 1150

~~\$379.95~~ **\$379.95**

Uncased deck with pre-amplifiers only. Designed for custom installation with your present component system.

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 R. J. O. ELECTRIC SERVICE CO. OF PA.  
 DIVISION OF AMPEX INC.  
 PHILA., PA. 19149

### OPTIONAL ACCESSORIES AVAILABLE FOR ALL 1100 SERIES RECORDER PLAYERS\*

860	Dust Cover .....	\$ 9.95
140	Stereophone Headset .....	29.95
141	Stereophone Headset w/volume control .....	39.95
895	Accessory Kit including splicer, head demagnetizer and necessary cleaning supplies .....	22.50

\* In addition, a complete range of Ampex quality microphones and speakers are available for any recording and listening need.

- **AUTOMATIC REVERSE**

Play a complete 4-track stereo program without changing reels. Just add the inaudible electronic signal at any point on the tape you wish. Thereafter, tape will reverse . . . automatically. At the end of a program tape will stop, or, it may be set to play indefinitely.

- **TWO-SECOND AUTOMATIC THREADING**

All you do is place a reel of tape on the recorder, pull the tape through the head assembly and drop it in the "magic slot."

- **SIMPLIFIED OPERATION**

Ampex 1100 Series recorders load quickly and easily; have conveniently grouped, clearly labeled controls for ease of operation.

- **EXCLUSIVE AMPEX DEEP GAP HEADS**

Similar in construction to those used in professional equipment. After years of use, heads will be capable of reproducing the full range of frequencies.

- **EXCLUSIVE RIGID BLOCK HEAD SUSPENSION**

Heads are mounted to a precision aluminum diecasting . . . assures perfect tape-to-head alignment.

- **EXCLUSIVE DUAL CAPSTAN DRIVE**

Provides perfect tape-to-head contact without utilizing wear-producing pressure pads, as well as providing the ideal method of controlling tape tension. Because of Dual Capstan Drive, wow

and flutter are practically eliminated—even at slow speeds.

- **VERSATILE 3-SPEED OPERATION**

Select 7½ i.p.s. (inches per second) for truest fidelity; 3¾ i.p.s. for extra long-play mood music; or 1⅞ i.p.s. for voice recording.

- **ACCURATE RECORD LEVEL VU METERS**

You're assured perfect recordings because you can constantly monitor record level input. Each channel has separate volume control.

- **DIE CAST ALUMINUM CONSTRUCTION**

Assures long life and precision alignment of critical parts . . . withstands abuse of portability. A truly precision-made tape recorder.

- **SOLID STATE ELECTRONICS**

All electronics in the 1100 Series are solid state, assuring long, reliable use. Ready to play or record instantly without warm up. In the pre-amplifier where requirements are extremely critical, silicon transistors are used. To reduce heat, all components of power amplifier are mounted on anodized aluminum heat sink. Tantalum capacitors are used to increase reliability. By using these components, plus printed circuits, weight is reduced, service problems minimized and years of trouble-free operation assured.

- **ADDITIONAL OUTSTANDING FEATURES**

Finger-tip reverse, bass boost tone control, automatic tape lifters, monitor switch, automatic cue provision, and push button digital counter.

## *Exclusive All-Inclusive One Year Warranty*

All 1100 Series tape recorders carry an unconditional one year warranty. Should your recorder fail within this period (due to manufacturing or material defects) Ampex will repair your recorder at absolutely no charge to you.

## AVERAGE PERFORMANCE SPECIFICATIONS

A word of caution—The tape recorder industry today is in a horse-power race, and there is no standard procedure for obtaining and stating specifications. Therefore, if you wish to compare Ampex specifications with those of any other competitor, you must make sure that those specifications were obtained under similar conditions. Otherwise, no valid conclusions of comparisons can be obtained.

The Ampex 1100 Series outperforms any other recorder/player within its price range. We invite your comparison! Ampex is proud of the specifications of its tape recorders. Throughout the years Ampex tape recorders have set the pace for the industry and commanded the biggest in trade-in values. They will continue to do so.

Overall Record/Reproduce Frequency Response  
(measured @ preamp output)

7½ ips	50—15,000 cps ± 4 db
3¾ ips	50—7,500 cps ± 4 db

SIGNAL TO NOISE (from peak record level to  
broad band noise @ preamp output)

7½ ips	46 db
3¾ ips	43 db

FLUTTER AND WOW (Measured to ASA standards)

7½ ips	.15%
3¾ ips	.2%

POWER OUTPUT\*

Continuous rms per channel	6 Watts
Peak both channels combined	30 Watts

\*Does not apply to Model 1150.

**PHYSICAL DIMENSIONS**

	1160/1165	1150
Size Overall:	19" x 13½" x 7½"	
Mounting Frame:	18⅞" x 13"	
Maximum Depth behind Mounting Frame:	5⅛"	

Specifications and/or dimensions subject to change without notice.