



AMPEX

AG-440 - 8

New 8-track Master Recorder

New mastering capability for today's modern recording studio

DESCRIPTION

Now the proven, highly reliable AG-440 is available in 8-track configuration using 1 inch tape. This fine instrument features all of the reliability and maintenance ease of the standard AG-440. The ribbed, die-cast frame provides rigidity essential to permanent tracking alignment.

The new AG-440-8 has all the operating features of the 1 to 4 track AG-440's, plus high-torque reeling motors that deliver fast rewind speed. Instrumentation-type locking hold down knobs for NAB 10½ inch reels are supplied. Complete information on the AG-440 series is contained in a detailed 6 page brochure (#A-134), available from your Ampex distributor or from Ampex.

SPECIFICATIONS

TAPE SPEEDS	7½ and 15 ips, Metric Conversion Table	
	ips	CM/sec
	7½	19.05
	15	38.10
FREQUENCY RESPONSE:	15 ips ± 2 dB, 30-18,000 Hz	7½ ips ± 2 dB, 40-10,000 Hz +2, -4, 40-15,000 Hz
SIGNAL-TO-NOISE RATIO	15 ips and 7½ ips, 60 dB Peak record level to unweighted noise (30 to 18,000 Hz). Includes bias, erase and playback amplifier noise using Ampex 404 series or equivalent tape.	
CROSSTALK	Better than 65 dB at 500 Hz	
FLUTTER	15 ips below 0.08% rms 7½ ips below 0.1% rms Percentage of total flutter is measured by the method of American Standard Association 257.1 - 1954, in a band 0.5 to 200 Hz, while reproducing an Ampex Flutter Test Tape (Flutter on test tape less than 0.03%).	
PLAYBACK OUTPUT	+8 dBm into 600 ohm restrapable for +4 dBm output, balanced or unbalanced. Maximum of +29 dBm before clipping.	
RECORD INPUT	100K ohm unbalanced bridging with dummy plug supplied or 20K ohm balanced bridging with plug-in transformer supplied with each electronics (-17 dBm produces recommended operating level.)	
ELECTRONIC ADJUSTMENTS	Accessible-from-front: equalization, reproduce level, record level, reproduce calibration, record calibration, bias adjustment, bias calibration, erase adjust. SEL-SYNC level and bias trap adjustment on rear of chassis.	
START/STOP	START: tape at full speed in less than ½ sec. STOP: at 15 ips, tape moves less than 3 inches after pressing stop button.	
PLAYBACK TIMING ACCURACY	± 0.2% (± 3.6 seconds in 30 minutes recording time.)	
MOUNTING CONFIGURATIONS	Console (Electronics above transport).	
TAPE WIDTH	1" Tape.	
REEL SIZE	Standard up to 10½ inch reels, adjustable up to 11½ inch reels.	
EQUALIZATION	All standard models supplied with NAB equalization. CCIR curves available on special order.	
EDIT CONTROL	Edit button stops take-up reel permitting tape to move in play mode without winding on reel. Button also releases brakes in stop mode for easier threading.	
REWIND TIME	Approximately 1 minute for 2400 foot NAB reel.	
POWER REQUIREMENTS	117 Volts nominal @ 4.6 amps. Machines are supplied with 3 wire grounding power cord.	
DIMENSIONS	Standard 19" wide panels with commercial notching for rack mounting. Tape transport; Uses 15¾ inches of rack space (10½" NAB reels overhang 1½ inches from side edges and 2½ inches above transport). Electronics: 28 inches of rack space. Console: 65" high (to top of electronics housing) 24½" wide, 30" deep.	
WARRANTY	Ampex one year warranty.	

For additional details on the AG-440, please consult the AG-440 brochure (A-134)

Price \$12,500 Professional user

Ampex Corporation reserves the right to change specifications without notice and without obligation.

AMPEX

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