

Scott . . . where innovation is a tradition

Price \$5.00



H. H. Scott, Inc. 111 Powdermill Road, Maynard, Mass., 01754

SERVICE MANUAL
FOR
MODEL 342B/382B

SPECIFICATIONS

TUNER (FM-MPX)

Usable Sensitivity (IHF)	2.0 microvolts
Cross Modulation Rejection	80 db
Signal to Noise Ratio	below 100% modulation 60
Total Harmonic Distortion	0.8%
Frequency Deviation (Drift)	0.02%
*Frequency Response	30 to 15,000 Hz \pm 1 db
Capture Ratio	2.5 db
Selectivity	42 db
Tuning Range	87 to 108 mc
Accuracy of Calibration	0.5%
Separation	40 db or more
FM & IF Limiting Stages	9

*This is limit of FCC Stereo Broadcast specifications. All H. H. SCOTT tuners have far wider frequency response.

TAPE OUTPUT

Rated Voltage Output to Tape Recorder	0.5 v
Minimum Recommended Load Resistance	47 k ohms

PRE-AMPLIFIER

Input:

Tape Head - Input Impedance	47 k ohms
Signal for Rated Output	3 mv
S/N Ratio	60 db
Phono-Input Impedance (All Switch Positions)	47 k ohms
High Level Inputs - Input Impedance	60 k ohms
Signal for Rated Output	75 db
S/N Ratio	80 db
Frequency Response in Flat Position	18-25 khz 1.0 db
Treble Controls Measured at 10,000 Hz, Boost & Cut	10 db \pm 2 db
Bass Controls Measured at 30 Hz, Boost & Cut	12 db \pm 2 db
Scratch Filter	-6 db/octave: -3 db @ 5 k Hz
Loudness Compensation (maximum)	+ 12 db @ 50 Hz
Loudness Compensation	+ 4 db @ 10 k Hz

AMPLIFIERS

Power Ratio (watts per channel) @ 0.8% Harmonic Distortion @ 4 ohms	32.5 watts
@ 8 ohms	25 watts
Continuous Output Single Channel @ 8 ohms, 0.8% Harmonic Distortion	18 watts
Continuous Output Both Channels @ 8 ohms, 0.8% Harmonic Distortion	18 watts