

Specifications

Power Amplifier Section*

Continuous power output of 45 watts per channel minimum RMS, 20-20,000 Hz, both channels driven into 8 ohms with no more than 0.1% total harmonic distortion, (16.53 dBW)

Typical Total Harmonic Distortion: @ rated power:

Less than 0.05%

Frequency Response:

20-20,000 Hz \pm 5 dB

IM Distortion (50 Hz: 7 kHz = 4:1)

Less than 0.05%

1V Peak-to-Peak Rise Time:

2.2 μ Sec

Damping Factor:

Greater than 100 at 20 Hz.

Hum and Noise:

= 88 dB, weighted

Outputs: Speaker A or B; 2 Lo-Z headphone

*Power measured in accordance with the Federal Trade Commission's rule on power output claims.

Preamplifier Section

Input Sensitivity

Phono: 1.9 mV

Tape 1, Tape 2: 160 mV

Phono Overload: 200 mV

Input Impedance

Phono: 50 k Ω

Tape 1, Tape 2:

Main In: 20 k Ω

Output Level

Tape 1, Tape 2: 600 mV at 1 kHz, referenced to 100% FM modulation or 10 mV phono

Phono Frequency Response:

30-15,000 Hz, \pm .2 dB to RIAA curve

Tone Controls

Bass: \pm 10 dB @ 100 Hz in 1 dB steps

Mid-Treble: \pm 10 dB @ 10,000 Hz in 1 dB steps

Loudness Contour at - 30 dB

+ 8 dB at 100 Hz, + 4 dB at 10,000 Hz

High Filter:

- 10 dB at 7,500 Hz, 6 dB/octave

Volume Control Balance:

within 0.3 dB tracking

Signal-to-Noise Ratio

Phono: 76 dB unweighted, 82 dB weighted

Tape 1, Tape 2: 85 dB

Main In: 90 dB

Residual Hum and Noise:

.6 mV

Crosstalk at 1 kHz:

- 65 dB

FM Tuner Section

Tuning Range:

87.5-109 MHz

Sensitivity

IHF: 9.8 dBf (1.7 μ V) @ 300 Ω

50 dB Quieting

(mono): 14.8 dBf (3.0 μ V)

50 dB Quieting

(stereo): 36.8 dBf (38 μ V)

Signal-to-Noise Ratio at 65 dBf:

72 dB

Stereo Separation

At 1 kHz: Better than 48 dB

At 100 Hz: Better than 40 dB

At 10 kHz: Better than 38 dB

Total Harmonic Distortion at 65 dBf:

0.1% (mono), 0.1% (stereo)

Frequency Response:

30-15,000 Hz \pm 5 dB

Capture Ratio:

1.2 dB

Alternate Channel Selectivity:

78 dB

Spurious Response Ratio:

Better than 75 dB

Image Response Ratio:

Better than 85 dB

IF Response Ratio:

Better than 93 dB

Muting Sensitivity:

16.1 dBf (3.5 μ V)

Stereo Threshold:

16.1 dBf (3.5 μ V)

AM Tuner Section

Tuning Range:

520-1650 kHz

IHF Sensitivity:

175 μ V/m

Image Response Ratio:

50 dB

Signal-to-Noise Ratio:

40 dB

General

Dimensions

Width: 18 $\frac{1}{2}$ " (46.7 cm)

Height: 6" (15.2 cm)

Depth: 15" (38.1 cm)

Weight: 30 lbs. (13.75 kg)