



SPECIFICATIONS

MAIN AMPLIFIER SECTION

IHF Dynamic Power	: 46 w	4 ohms Load
	: 38 w	8 ohms Load
RMS Output Power	One channel operating into 4 ohms at 1,000 Hz : 19 w x 2	
	One channel operating into 8 ohms at 1,000 Hz : 17 w x 2	
	Both channel operating into 4 ohms at 1,000 Hz : 15 w x 2	
	Both channel operating into 8 ohms at 1,000 Hz : 13 w x 2	
Total Harmonic Distortion	: Less than 0.8% at rated output 8 ohms/2 ch.	
	: Less than 0.2% at -3 dB rated output 8 ohms/2 ch.	
Inter Modulation Distortion	: Less than 0.8% at rated output 8 ohms/2 ch.	
	: Less than 0.2% at -3 dB rated output 8 ohms/2 ch.	
Power Bandwidth	: 20 Hz - 30,000 Hz	
Frequency Response	: 20 Hz - 30,000 Hz	
Damping Factor	: 50 at 8 ohms Load	
Speaker Impedance	: Accept 4 ohms to 16 ohms Load	

PRE-AMPLIFIER SECTION

Input Sensitivity (Input Impedance)	
Phono 1, 2	: 2 mV (50 Kohms)
Tuner	: 150 mV (50 Kohms)
Aux	: 150 mV (50 Kohms)
Tape Play	: 150 mV (50 Kohms)
Recording Output	: 30 mV
Din Connector	: 30 mV
Signal to Noise Ratio	
Phono 1, 2	: 60 dB
Tuner	: 70 dB
Aux	: 70 dB
Tape Play	: 70 dB
Tone Control	
Bass	: +10 dB at 100 Hz
Treble	: +10 dB at 10,000 Hz
Loudness Control (-30 dB)	: +8 dB at 100 Hz
	: +4 dB at 10,000 Hz

GENERAL

Switches	: SELECTOR (Aux, Tuner, Phono 1, Phono 2)
	: MODE
	: TAPE MONITOR
	: LOUDNESS
AC Outlets	: Switched 1
Power Consumption	: 60 w at full power
	: 8 w at no signal
Dimensions	: 13" (W) x 4" (H) x 9" (D)
Net Weight	: 11.9 lbs. (5.4 Kg)

- Qe1,2 : 2SC146A GR
- Qe3,4 : 2SC146A GR or BC
- Qe5,6,9,10 : 2SC458L6 B or C
- Qe11,12 : 2SC734Y
- Qe13,14 : 2SC7340 or Y
- Qe15,16 : 2SB56A
- Qe17,18 : 2SC715 E or F
- Qe19 : 2SC734
- Qe20 : 2SC971