



### SPECIFICATIONS

<b>RMS Power Output</b>		15 watts x 2 into 8 ohms at 50 Hz-20,000 Hz
Both channels driven		17 watts x 2 into 8 ohms at 1,000 Hz
		20 watts x 2 into 8 ohms at 1,000 Hz
<b>Dynamic Power Output</b>		54 watts into 8 ohms
		68 watts into 4 ohms
<b>Total Harmonic Distortion</b>		0.8% at rated power into 8 ohms
		0.1% at 1/2 rated power into 8 ohms at 1,000 Hz
<b>Inter Modulation Distortion</b>		0.8% at rated power into 8 ohms
(60 Hz/7 K Hz 4:1)		0.1% at 1/2 rated power into 8 ohms
<b>Power Bandwidth</b>		20 Hz-40,000 Hz
<b>Signal to Noise Ratio at 60 mW</b>		50 dB
<b>Damping Factor</b>		30 at 8 ohms
<b>Speaker Impedance</b>		Accept 4 ohms to 16 ohms
<b>PRE-AMPLIFIER SECTION</b>		
<b>Input Sensitivity and Impedance</b>		
Phono 1	2.5 mV, 50 K ohms	
Phono 2	2.5 mV, 50 K ohms	
Tuner	150 mV, 50 K ohms	
AUX	150 mV, 50 K ohms	
Tape Play A, B	150 mV, 50 K ohms	
Mic	3.0 mV, 50 K ohms	
<b>Maximum Input Voltage</b>		
Phono 1, 2	80 mV, T.H.D. 0.8% at 1,000 Hz	
<b>Signal to Noise Ratio (I.I.F. A CURVE)</b>		
Phono 1, 2	68 dB	
Tuner	80 dB	
AUX	80 dB	
Tape Play A, B	80 dB	
Mic	68 dB	
<b>Output Voltage and Impedance</b>		
Tape Rec. A, B	150 mV, 110 ohms	
	(ID in connector)	
	30 mV, 80 K ohms	
<b>Frequency Response</b>		
Phono 1, 2	RIAA Standard curve ±1.0 dB	
Tuner, AUX, Tape Play	20 Hz-40,000 Hz (±0.2 dB)	
<b>Tone Controls</b>		
Bass	±10 dB at 100 Hz	
Treble	±10 dB at 10,000 Hz	
Loudness Control (-30 dB)	+8 dB at 100 Hz	
	+5 dB at 10,000 Hz	
<b>High Filter: 10,000 Hz</b>		-3 dB
<b>GENERAL</b>		
<b>Switches</b>		
Speaker Selector	OFF, A, B, A+B	
Input Selector	AUX, TUNER, PHONO1, PHONO2, MIC	
Mode	STEREO, MONO	
Tape Monitor	A, B	
Others	HIGH FILTER, LOUDNESS, TONE DEFEAT	
<b>AC Outlet</b>		Switched 1, Unswitched 1
<b>Power Consumption</b>		135 watts at full power
<b>Dimensions</b>		10 watts at no signal
<b>Weight</b>		W 14.6" (372 mm), H 4.18" (106 mm), D 9.7" (246 mm)
		11.6 lbs (5.3 kg)