



### SPECIFICATIONS

FM TUNER SECTION	
Frequency Range	88 MHz to 108 MHz
Usable Sensitivity (IHF)	87.5 MHz to 108 MHz (FTZ Approved) 1.9 $\mu$ V
Quieting Slope	5 $\mu$ V 48 dB, 10 $\mu$ V 60 dB, 50 $\mu$ V 68 dB
Frequency Response	20 Hz ~ 15,000 Hz $\pm$ 0.5 dB
Harmonic Distortion	0.3% Mono (at 400 Hz 100% modulation) 0.5% Stereo (at 400 Hz 100% modulation)
Signal to Noise Ratio	68 dB at 1 mV input
Image Rejection	70 dB
Selectivity (IHF ALT channel)	65 dB
IF Rejection	90 dB
Spurious Signal Rejection	90 dB
AM Suppression	70 dB
Capture Ratio	1.5 dB
Stereo Separation	35 dB at 1,000 Hz 27 dB at 10,000 Hz
Sub Carrier Suppression	60 dB
Antenna Impedance	300 ohms balanced & 75 ohms unbalanced
AM TUNER SECTION	
Usable Sensitivity (IHF)	18 $\mu$ V
Signal to Noise Ratio	45 dB at 1 mV input
Image Rejection	60 dB
Selectivity (IHF)	30 dB
IF Rejection	40 dB
Antenna	Built-in ferrite bar antenna, External antenna terminals
MAIN-AMPLIFIER SECTION	
RMS Power Output	Both channels driven 45 Watts x 2 into 8 ohms at 20 Hz ~ 20,000 Hz 52 Watts x 2 into 8 ohms at 1,000 Hz 65 Watts x 2 into 4 ohms at 1,000 Hz 160 Watts into 8 ohms 240 Watts into 4 ohms
Dynamic Power Output	240 Watts into 4 ohms
Total Harmonic Distortion	0.3% at rated power into 8 ohms 0.07% at 1/2 rated power into 8 ohms at 1,000 Hz
Intermodulation Distortion	160 Hz, 7 kHz = 4 : 1 0.3% at rated power into 8 ohms 0.07% at 1/2 rated power into 8 ohms
Power Bandwidth	10 Hz ~ 30,000 Hz
Signal to Noise Ratio at 50 mW	55 dB
Damping Factor	50 at 8 ohms
Speaker Impedance	Accept 4 ohms to 16 ohms
PRE-AMPLIFIER SECTION	
Input Sensitivity and Impedance	Phono 1 : 2.5 mV, 50 Kohms Phono 2 : 2.5 mV, 50 Kohms AUX : 150 mV, 80 Kohms Tape Play A, B : 150 mV, 80 Kohms MIC : 2.5 mV, 50 Kohms
Maximum Input Voltage (rms)	Phono 1, 2 : 120 mV T.H.D. 0.3% at 1,000 Hz
Signal to Noise Ratio (IHF A curve)	Phono 1, 2 : 70 dB AUX : 90 dB Tape Play A, B : 90 dB MIC : 65 dB
Output Voltage and Impedance	Tape Rec. A, B (pin) : 150 mV, 100 ohms (Din connector) 4ch. Out : 30 mV, 80 Kohms 150 mV
Frequency Response	Phono 1, 2 : RIAA Standard curve $\pm$ 1 dB AUX, Tape Play : 10 Hz ~ 40,000 Hz $\pm$ 1 dB
Tone Controls	Bass : $\pm$ 10 dB at 100 Hz Treble : $\pm$ 10 dB at 10,000 Hz Loudness Control (-30 dB) : +5 dB at 100 Hz -8 dB at 10,000 Hz
Low Filter	100 Hz
High Filter	10,000 Hz
GENERAL	
Switches	Speaker Selector : OFF, A, B, C, A + B, A + C Input Selector : AM-FM-PHONO 1 - PHONO 2-AUX-MIC Mode : FM-TIGHT-STEREO-REV-MIX Tape Monitor : SOURCE MON-B MON-A PLAY (A-B)
Others	LOW FILTER, HIGH FILTER, FM MUTING, LOUDNESS MIC jack, PHONE jack
AC Outlet	Switched 1, Unswitched 2
Power Consumption	340 Watts at full power 40 Watts at no signal
Dimension	W18-15/16" (480 mm), H5-15/16" (151 mm), D13-9/16" (134 mm)
Weight	29.8 lbs. (13.5 Kg)

