



SPECIFICATIONS

FM TUNER SECTION

Antenna Impedance	300 ohms balanced and 75 ohms unbalanced
Usable Sensitivity IHF	1.5 μ V
Frequency Response	20 Hz to 15,000 Hz ± 0 -2 dB
Harmonic Distortion (at 400 Hz, 100% Mod.)	Less than 0.6%
Stereo	Less than 0.4%
Signal-to-Noise Ratio	Better than 70 dB
Capture Ratio, IHF	1.5 dB
Selectivity (Alt. Channel) IHF	Better than 75 dB
Image Rejection	Better than 100 dB
IF Rejection	Better than 100 dB
Spurious Signal Rejection	Better than 100 dB
AM Suppression	Better than 55 dB
Stereo Separation	Better than 35 dB at 1,000 Hz
Sub Carrier Suppression	Better than 25 dB at 10,000 Hz
Auto-Tuning Level	20 μ V
Muting Level	20 μ V
Auto-Tuning	10 μ V
MANUAL Tuning	3 FET's, 4-gang tuning condenser
Stereo Auto-Switching Level:	20 μ V
Auto-Tuning	10 μ V
MANUAL Tuning	4 IC's, Crystal Filter
IF Stage	FM Multipath, Remote Control for Auto-tuning
Special Output	Automatic Remote Tuning Controller (with 13 feet cord)
Accessory Parts	

AM TUNER SECTION

Antenna	Built-in ferrite bar antenna
External antenna terminals	External antenna terminals
Usable Sensitivity, IHF	15 μ V
Signal-to-Noise Ratio	50 dB at 1 mV input
Selectivity, IHF	Better than 30 dB
Image Rejection	Better than 70 dB
IF Rejection	Better than 60 dB
Auto-Tuning Level	30 μ V
Front-end	FET, 3-gang tuning condenser
IF Stage	Mechanical Filter

AMPLIFIER SECTION

Power Output	350 watts ± 1 dB both channels at 4 ohms
Dynamic Power Output, IHF	260 watts ± 1 dB both channels at 8 ohms
Continuous Power Output: Each Channel Driven	300 watts both channels at 4 ohms
Both Channels Driven	220 watts both channels at 8 ohms
Mono Output	110/110 watts at 4 ohms
Harmonic Distortion	90/90 watts at 8 ohms
Intermodulation Distortion	95/95 watts at 4 ohms
Frequency Response:	80/80 watts at 8 ohms
Main input	65/65 watts at 8 ohms, from 20 Hz to 20,000 Hz
High level (AUX) input	5 watts
Power Bandwidth, IHF	Less than 0.5% at rated output
Input Sensitivity, (for rated output):	Less than 0.5% at rated output
Phono 1 (Switchable)	Less than 0.1% at -3 dB rated output
Phono 2	5 Hz to 120,000 Hz ± 1.5 dB
MIC	12 Hz to 40,000 Hz ± 1.5 dB
AUX1/Tape play	10 Hz to 30,000 Hz
Main input	0.05 mV, 0.5mV 200 ohms
Recording Output (below rated input):	2.5 mV 50k ohms
Pin Jack	2.5 mV 50k ohms
DIN Connector	2.5 mV 100k ohms
Dubbing	200 mV 100k ohms
Hum and Noise (below rated output):	1.0V 100k ohms
Phono 1	65 dB (2.5 mV), 54 dB (0.5 mV), 45 dB (0.05 mV)
Phono 2	65 dB
MIC	67 dB
AUX/Tape play	75 dB
Damping Factor	50 at 8 ohms, 100 at 16 ohms
Speaker Impedance	Accepts 4 to 16 ohms
Bass Control	± 10 dB at 100 Hz with 2 dB step switch
Treble Control	± 10 dB at 10,000 Hz with 2 dB step switch
Low Filter	-7 dB at 100 Hz
High Filter	-10 dB at 10,000 Hz
Loudness Control (at -30 dB):	+10 dB at 100 Hz, +5 dB at 10,000 Hz
MAX	+6 dB at 100 Hz
Presence Control:	1k Hz
400 Hz	+6 dB at 1,000 Hz
Audio Muting	+6 dB at 400 Hz
GENERAL	-20 dB

GENERAL

Switches:	Power OFF, A, B, A and B, Phones
Speakers	AM, FM, Phono 1, Phono 2/MIC, AUX
Selector	Left, Right, Stereo, REV, MONO
Mode	Tape Monitor, Low and High Filter, FM Muting, AUTO
Lever-Action Switches	Tuning, Loudness, Audio Muting
AC Outlets	2 switched and 1 unswitched
Semiconductors	4 IC's, 4 FET's, 68 Transistors, 51 Diodes, 3 CDS
Power Output	110 ~ 120/220 ~ 240V, AC, 50/60 Hz
Power Consumption	320 watts at full power
Dimensions	40 watts at no signal
Weight	17"(W), 6-1/2"(H), 15"(D)
Accessory Parts	40 lbs
	Walnut Cabinet

