



SPECIFICATIONS

FM TUNER SECTION

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|--------------------------------|--|
| Usable Sensitivity (IHF) | 2.0 μ V |
| Frequency Response | 20 Hz - 15,000 Hz ± 1.2 dB |
| Harmonic Distortion | 0.5% Mono (at 400 Hz 100% modulation) |
| Signal to Noise Ratio | 63 dB at 1 mV input |
| Image Rejection | 60 dB |
| Selectivity (IHF ALT. channel) | 50 dB |
| IF Rejection | 90 dB |
| Spurious Signal Rejection | 90 dB |
| AM Suppression | 60 dB |
| Capture Ratio | 3.0 dB |
| Stereo Separation | 40 dB at 1,000 Hz |
| Sub Carrier Suppression | 20 dB at 10,000 Hz |
| Antenna Impedance | 45 ohms |
| | 300 ohms Balanced & 75 ohms Unbalanced |

AM TUNER SECTION

| | |
|--------------------------|--|
| Usable Sensitivity (IHF) | 25 μ V |
| Signal to Noise Ratio | 45 dB at 1 mV input |
| Image Rejection | 45 dB |
| Selectivity (IHF) | 30 dB |
| IF Rejection | 35 dB |
| Antenna | Built-in ferrite bar antenna, External antenna terminals |

MAIN-AMPLIFIER SECTION

| | | |
|----------------------------------|---|--------------|
| RMS Power Output | 4 CHANNEL | 2 CHANNEL |
| Full channel driven | | |
| into 8 ohms at 20 Hz - 20,000 Hz | 15 x 4 watts | 40 x 2 watts |
| into 8 ohms at 1,000 Hz | 20 x 4 watts | 50 x 2 watts |
| into 4 ohms at 1,000 Hz | 23 x 4 watts | 45 x 2 watts |
| Dynamic Power Output | | |
| into 8 ohms | 120 watts | 170 watts |
| into 4 ohms | 152 watts | |
| Total Harmonic Distortion | 0.8% at rated power into 8 ohms | |
| Intermodulation Distortion | 0.3% at $\frac{1}{2}$ rated power into 8 ohms at 1,000 Hz | |
| (60 Hz : 7 kHz = 4 : 1) | 0.3% at rated power into 8 ohms | |
| Power Bandwidth | 20 Hz - 40,000 Hz | |
| Damping Factor | 20 at 8 ohms (4 channel operation) | |
| Speaker Impedance | Accept 4 ohms to 16 ohms | |

PREAMPLIFIER SECTION

| | |
|---------------------------------|---------------------------------|
| Input Sensitivity and Impedance | 1.5 mV, 100 k ohms |
| Phono | 150 mV, 50 k ohms |
| AUX | 150 mV, 50 k ohms |
| Tape Play | |
| Maximum Input Voltage (rms) | 100 mV, T.H.D. 0.8% at 1,000 Hz |
| Phono | |
| Signal to Noise Ratio | 60 dB |
| AUX | 75 dB |
| Tape Play | 75 dB |
| Output Voltage and Impedance | 150 mV, 100 ohms |
| Tape Rec. (Pin) | 40 mV |
| Frequency Response | RIAA Standard curve ± 1 dB |
| Phono | 20 Hz - 20,000 Hz ± 1 dB |
| Tuner, AUX, Tape Play | |
| Tone Controls | |
| Bass | ± 10 dB at 100 Hz |
| Treble | ± 10 dB at 10,000 Hz |
| Loudness Control (-30 dB) | + 5 dB at 10,000 Hz |

GENERAL

| | |
|-------------------|--|
| Switches | A, B Push Switch |
| Speaker Selector | AM, FM, PHONO, CD-4, AUX |
| Input Selector | MONO, 2ch, FM, SQ, Discrete |
| Mode | Push Switch |
| Tape Monitor | Loudness, AMP Control, FM Muting, Power |
| Others | Unswitched 1 |
| AC Outlet | 320 watts at full power, 35 watts at no signal |
| Power Consumption | W 21-27/32" (555mm), H 6-5/16" (160mm) |
| Dimensions | D 14-3/16" (360mm) |
| Weight | 33 lbs. (15 kg) |

