Specifications

Amplifier Section

Power output
DIN 1 kHz (T.H.D. 1 %) 2 x 65 W (4 Ω)
40 Hz–20 kHz continuous power output both channels driven 2 x 40 W (8 Ω)
Total harmonic distortion
rated power at 40 Hz–20 kHz 0.05 % (8 Ω)
half power at 1 kHz 0.007 % (8 Ω)
Intermodulation distortion
rated power at 60 Hz; 7 kHz = 4:1, SMPTE 0.1 % (8 Ω)
Damping factor 40 (8 Ω)
Input sensitivity and impedance
PHONO 2.5 mV/47 kΩ
CD, DAT 200 mV/22 kΩ
AUX, TAPE 150 mV/22 kΩ
PHONO maximum input voltage (1 kHz, RMS) 150 mV
S/N at rated power (8 Ω)
PHONO 70 dB (IHF A: 80 dB)
CD, AUX, DAT 85 dB (IHF A: 93 dB)
Frequency response PHONO RIAA standard curve (30 Hz–15 kHz) ±0.8 dB
CD, AUX, DAT 10 Hz–40 kHz (±3 dB)
Tone controls
BASS 50 Hz, +7 dB–7 dB
TREBLE 20 kHz, +10 dB–10 dB
Super bass 50 Hz, +14 dB
Output voltage
DAT, TAPE REC OUT 150 mV
Channel balance, 250 Hz–6.3 kHz ±1 dB
Channel separation 54 dB
Headphones output level and impedance 420 mV/330 Ω
Load impedance 4 Ω–16 Ω

FM Tuner Section

Frequency range
87.50–108.00 MHz
Sensitivity
S/N 30 dB 1.5 μV/75 Ω
S/N 26 dB 1.3 μV/75 Ω
S/N 20 dB 1.2 μV/75 Ω
IHF usable sensitivity (IHF'58) 1.5 μV/75 Ω
IHF 40 dB stereo quieting sensitivity 22 μV/75 Ω
Total harmonic distortion
MONO 0.2 %
STEREO 0.3 %
S/N
MONO 60 dB (75 dB, IHF)
STEREO 58 dB (71 dB, IHF)
Frequency response 20 Hz–15 kHz, ±1 dB–15 dB
Alternate channel selectivity ±400 kHz, 65 dB
Capture ratio 1.0 dB
Image rejection at 98 MHz 40 dB
IF rejection at 98 MHz 70 dB
Spurious response rejection at 98 MHz 70 dB
AM suppression 50 dB
Stereo separation
1 kHz 40 dB
Carrier leak
19 kHz –55 dB (–60 dB, IHF)
38 kHz –50 dB (–55 dB, IHF)
Channel balance (250 Hz–6.3 kHz) ±1.5 dB
Limiting point 1.2 μV
Bandwidth
IF amplifier 180 kHz
FM demodulator 1000 kHz
Antenna terminals 75 Ω (unbalanced)