



SPECIFICATIONS

| | | |
|------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RMS Power Output | Both channels driven | 48 x 2 watts into 8 ohms at 20 Hz - 20,000 Hz |
| | Each channel driven | 55 x 2 watts into 8 ohms at 1,000 Hz 68 x 2 watts into 4 ohms at 1,000 Hz 93 x 2 watts into 8 ohms at 1,000 Hz 160 watts into 4 ohms at 1,000 Hz 160 watts into 4 ohms |
| Dynamic Power Output | | 250 watts into 4 ohms |
| Total Harmonic Distortion | | 0.3% at rated power into 8 ohms 0.06% at 1/2 rated power into 8 ohms at 1,000 Hz 0.3% at rated power into 8 ohms 0.04% at 1/2 rated power into 8 ohms 6 Hz - 40 kHz |
| Inter Modulation Distortion | | 30 at 8 ohms |
| Power Bandwidth | | Accepts 2 ohms to 16 ohms |
| Damping Factor | | |
| Speaker Impedance | | |

PRE-AMPLIFIER SECTION

| | | |
|--------------------------------------------|---------------------|-------------------------|
| Input Sensitivity and Impedance | | |
| Phono 1 | 2.5 mV | 50 K ohms |
| Phono 2 | 2.5 mV | 50 K ohms |
| Tuner | 150 mV | 50 K ohms |
| AUX 1, 2 | 150 mV | 50 K ohms |
| Tape Play A, B, 4 CH IN | 150 mV | 50 K ohms |
| Mic | 2.5 mV | 50 K ohms |
| Maximum Input Voltage (rms) | | |
| Phono 1, 2 | 750 mV | T.H.D. 0.3% at 1,000 Hz |
| Signal to Noise Ratio (1HF A CURVE) | | |
| Phono 1, 2 | 76 dB | |
| Tuner | 50 dB | |
| AUX 1, 2 | 90 dB | |
| Tape Play A, B | 90 dB | |
| Mic | 65 dB | |
| Output Voltage and Impedance | | |
| Tape Rec. A, B (Pm) | 150 mV | 50 ohms |
| (Dm connector) | 40 mV | 70 K ohms |
| 4 CH OUT | 150 mV | 50 ohms |
| Frequency Response | | |
| Phono 1, 2 | RIAA Standard curve | ±0.5 dB |
| Tuner, AUX, Tape Play | 10 Hz - 20 kHz | ±0.5 dB |
| Tone Controls | | |
| Bass | 10 dB at 100 Hz | |
| Treble | 10 dB at 10,000 Hz | |
| Loudness Control (-30 dB) | 18 dB at 100 Hz | |
| | +3 dB at 10,000 Hz | |
| Low Filter | 20 Hz | |
| | 40 Hz | |
| High Filter | 7 kHz | |
| | 6 dB/oct | |

GENERAL

| | |
|-------------------|------------------------------------------------------------------------------|
| Switches | |
| Speaker Selector | O/F, A, B, A+B, C |
| Input Selector | MIC, PHONO 1, 2, AUX, 2 - TUNER, AUX, 1 |
| Mode | L, R, STEREO, REV, MIX |
| Function | MUTING, DEFEAT, 1 (QUINNESS), LOW HI FILTER, A, B, A+B, B+A |
| AC Outlet | |
| Power Consumption | Switched 2, Unswitched 1 325 watts at full power 75 watts at no signal |
| Dimensions | W 17.18" (425 mm), H 6.31" (157 mm) D 11.13" (281 mm) |
| Weight | 22.9 lbs. (11.8 kg) |

- Dk 1 : 2SC1416R
- Dk 2 : 2SC1212A (C)
- Dk 3 : 5S-3
- Dk 4 : 5S-3R
- Dk 5, 4, 5, 13 : 1S2076A
- Dk 6, 7 : WZ 140
- Dk 8, 9, 10, 11 : 1S2076
- Dk 12 : VO 6B