



Figure 1. 1579B and 1588B Preamplifiers

## SPECIFICATIONS

### 1579B Equalized Preamplifier

Type:	Plug-in solid-state preamplifier, equalized for magnetic phono pickup
Sensitivity:	5 mV for 70 mV output at 1 kHz
Power Output:	+ 14 dBm with + 20V dc applied and less than 0.5% THD at 1 kHz
Frequency Response:	In accordance with RIAA phono standards
Input Impedance:	47,000 ohms
Load Impedance:	600 ohms
Operating Temperature:	Up to 55°C (131°F)
Power Requirements:	From + 12V dc at 10 mA to + 20V dc at 18 mA
Shielding:	Mu-metal case provides protection from stray magnetic fields
Type of Termination:	Octal plug (mates with standard octal socket)
Dimensions:	1-5/16" dia. x 1-13/16" seated height
Weight:	1.5 ounces

### 1588B Microphone Preamplifier

Type:	Plug-in solid-state preamplifier with transformer-isolated input
Gain:	33.5 dB — switchable to 20 dB
Power Output:	+ 9 dBm with + 12V dc applied and less than 1% THD from 40 to 20,000 Hz + 14 dBm with + 20V dc applied and less than 1% THD from 40 to 20,000 Hz
Frequency Response:	± 1 dB from 30 to 20,000 Hz
Equivalent Input Noise Level:	Equal to or better than - 124 dBm
Source Impedance:	150/250 ohms
Load Impedance:	600 ohms
Output Impedance:	Less than 10 ohms
Operating Temperature:	Up to 55°C (131°F)
Power Requirements:	From + 12V dc at 13 mA to + 20V dc at 20 mA
Shielding:	Mu-metal case provides effective magnetic shielding of 90 dB for the input transformer
Type of Termination:	Octal plug (mates with standard octal socket)
Dimensions:	1-5/16" dia. x 1-13/16" seated height
Weight:	1.5 ounces

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