



Perreaux

Model: SP1000

Date of Manufacture: 1980

Product Type: Stereo Preamplifier

Specifications:

Input Sensitivities (for rated output of 1.5V_{rms})

Auxiliary and tape	150mV _{rms} @ 40kΩ
M.M. Phono (at 1 kHz)	2.8mV _{rms} @ 47kΩ/100pF
M.C. Phono (at 1 kHz)	40μV _{rms} @ 100Ω

Input Overload

Auxiliary and Tape	> 10V _{rms}
M.M. Phono	150mV _{rms}
M.C. Phono	3.0mV _{rms}

Rated Output

200Ω source impedance	1.5V _{rms}
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Maximum Output

9.0V_{rms}

Tape Record Output (at rated input sensitivity)

Tape 1 out/Tape 2 out (min source impedance 2.2kΩ)	150mV _{rms}
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Frequency Response (tone defeat on)

Auxiliary and Tape	20Hz to 20kHz +0.0dB -0.1dB
Auxiliary and Tape	10Hz to 80kHz +0.0dB -1.0dB
M.C. & M. M. Phono (RIAA corrected)	20Hz to 20kHz ±0.25dB

Total Harmonic Distortion

Auxiliary and Tape	0.007%
M.M. Phono	0.02%
M.C. Phono	0.022%

Intermodulation Distortion (S.M.P.T.E. method 60Hz & 7kHz mixed 4:1)

Auxiliary and Tape	0.007%
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Noise (20Hz to 20kHz)

Minimum Volume	-90dB lin
Maximum Volume Auxiliary & Tape	90dB lin (input loaded)
Maximum Volume M.M. Phono	-70dB lin (input loaded)
Reference to 10mV input M.M. Phono	82dB lin (input loaded)
Maximum Volume M.C. Phono	-54dB lin (input loaded)
Reference to 200μV input M.C. Phono	-66dB lin (input loaded)

Slewing

35V/μs

Tone Controls (passive with defeat facility)

Crossover @ 700 Hz

Bass (50Hz down, shelving type)

Boost

Cut

Treble (12kHz up, shelving type)

Boost

Cut

Power Supply

230V a.c. (115V a.c. on request)

Dimensions

Width

Height

Depth

Weight

5kg (11.0lb)

Schematic diagram

Product manual