



Perreaux

Model: SM4

Date of Manufacture: 1992

Product Type: Stereo Preamplifier

Specifications:

Frequency Response 20Hz-50kHz, ± 0.25 dB

Input Sensitivity

Moving Coil $175\mu\text{V}_{\text{rms}}$ @ 1kHz
Moving Magnet $1.8\text{mV}_{\text{rms}}$ @ 1kHz
Aux/CD $350\text{mV}_{\text{rms}}$
All other inputs $110\text{mV}_{\text{rms}}$

Input Impedance

Moving Coil $47\text{k}\Omega/100\text{pF}$
Moving Magnet $47\text{k}\Omega/100\text{pF}$
Aux/CD $20\text{k}\Omega$
All other inputs $25\text{k}\Omega$

Input Overload

Moving Coil $120\text{mV}_{\text{rms}}$ @ 1kHz
Moving Magnet $900\text{mV}_{\text{rms}}$ @ 1kHz
All others 50V_{rms}

Rated Output 1.5V_{rms} into $10\text{k}\Omega$ or higher

Maximum Output 27V_{rms} into $10\text{k}\Omega$ or higher

Main Output

Source Impedance 470Ω

Tape Output

Level 110mV
Source Impedance $2\text{k}\Omega$

Minimum Recommended Load $10\text{k}\Omega$

Distortion (THD and IMD)

Phono inputs 0.005% 20Hz-20kHz
..... Rising to 0.01% before overload
All others (at rated output) $< 0.0009\%$ 20Hz-20kHz

Noise (input loaded, A weighted)

Moving Coil -72dB
Moving Magnet -86dB
All others -108dB

Channel Separation

All inputs 70dB 20Hz-20kHz

Phase Accuracy $\pm 1^\circ$ 20Hz-20kHz

Dimensions

Width 430mm (17.0")
Height 71mm (2.8")
Depth 329mm (13.0")

Weight 4.0kg (9.0lbs)

Schematic diagram

Product manual