



Perreaux

Model: SA2

Date of Manufacture: 1984

Product Type: Stereo Preamplifier

Specifications:

Frequency Response

Output stage 20Hz-50kHz, ± 0.25 dB

Input Sensitivity

Moving Coil $180\mu\text{V}_{\text{rms}}$ @ 1kHz

Moving Magnet $1.85\text{mV}_{\text{rms}}$ @ 1kHz

All Other Inputs $110\text{mV}_{\text{rms}}$

Input Impedance

Moving Coil $50\text{k}\Omega$

Moving Magnet $50\text{k}\Omega$

All Other Inputs $25\text{k}\Omega$

Input Overload

Moving Coil 50mV_{rms} @ 1kHz

Moving Magnet $400\text{mV}_{\text{rms}}$ @ 1kHz

All Other Inputs 50V_{rms}

Rated Output 1.4V_{rms} into $10\text{k}\Omega$ or higher

Maximum Output 23V_{rms} into $10\text{k}\Omega$ or higher

Main Output, Source Impedance $1\text{k}\Omega$

Tape Output Level 110mV

Source Impedance $2\text{k}\Omega$

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

Distortion (*THD and IMD*)

Phono inputs 0.005% 20Hz-20kHz rising to 0.01% at 0.9V input @ 1kHz

All others $<0.009\%$ 20Hz-20kHz at rated sensitivity rising to 0.08 at 26V output @ 1kHz into $10\text{k}\Omega$ or higher. $<0.08\%$ at 100kHz @ rated output into $10\text{k}\Omega$.

Noise (*inputs loaded*)

Moving Coil (*unweighted*) -59dB re rated input

Moving Coil (*A weighted*) -66dB re rated input

Moving Magnet (*unweighted*) .. -86dB re 10mV input

Moving Magnet (*unweighted*) -78dB re rated input

Moving Magnet (*A weighted*) -86dB re rated input

All others (*unweighted*) -100dB re rated inputs

All others (*A weighted*) -108dB re rated inputs

RIAA Accuracy $\pm 0.25\text{dB}$

Channel Separation

All inputs 68dB , 20Hz-20kHz

Phase Accuracy $\pm 2^\circ$, 20Hz-20kHz

Dimensions

Width 483mm ($19.0''$)

Height 52mm ($2.0''$)

Depth 331mm ($13.0''$)

Weight 5.5kg (12.0lbs)

Schematic diagram

Product manual

info@perreaux.com

www.perreaux.com