



Perreaux

Model: SA80B

Date of Manufacture: 1978

Product Type: Stereo Integrated Amplifier

Power Output (*per channel into 8Ω*): 80W_{rms}

Specifications:

Power Output

80 watts RMS minimum per channel both channels driven into 8Ω from 20Hz to 20kHz at no more than 0.012% Total Harmonic Distortion from 0.08 watts to rated output. Prior to clipping 90 watts RMS into 8Ω

Total Harmonic Distortion

0.08 watts to rated output < 0.012%
Rated power output at 1kHz Typically 0.004%

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

80 watts into 8Ω 0.018%
8 watts into 8Ω 0.012%
0.8 watts into 8Ω 0.006%
0.08 watts into 8Ω 0.006%

Frequency Response

Rated output into 8Ω 10Hz-100kHz +0dB-0.1dB

Transient Response 0.08μs

Slewing Rate 70 V/μs

Phase Response +1° at 20Hz -1° at 20kHz

Dynamic Headroom 1.5dB

Power Bandwidth 10Hz to 100kHz +0dB -0.5dB

Intermodulation Bandwidth < 0.018%

Damping Factor

8Ω at 40Hz > 150

Input Sensitivity (for rated output)

Auxiliary and Tape 80mV RMS
Phono 2mV RMS @ 1kHz

Input Overload

Auxiliary and Tape 4V RMS
Phono 94mV RMS

Channel Separation

1kHz 50dB

Noise 20Hz-20kHz

Auxiliary and Tape 91dBA*
Phono 72dBA*
..... * input shorted

Tone Controls

Bass +15dB -18dB at 30Hz
Mid +9dB -9dB at 900Hz
Treble +12dB -12dB at 15kHz

Loudness (shelving type)

..... +7dB at 50kHz
..... +7dB at 15kHz

Filters

Low 6dB per octave from 40Hz
20Hz -6dB
10Hz -12dB
High 6dB per octave from 2kHz
4kHz -6dB
8kHz -12dB

Dimensions

Width 483mm (19.0")
Height 145mm (5.8")
Depth 410mm (16.1")

Weight 11.0kg (24.6lb)

- Schematic diagram
- Product manual