



Perreaux

Model: NR500

Date of Manufacture: 1977

Product Type: Stereo Integrated Amplifier

Power Output (*per channel into 8Ω*): 50W_{rms}

Specifications:

Rated Output

Both channels driven into 8 ohms.....	50 watts RMS
Both channels driven into 4 ohms.....	70 watts RMS

Typical Power Output at Clipping

Both channels driven into 8 ohms.....	55 watts RMS
Both channels driven into 4 ohms.....	80 watts RMS
Each channel driven into 8 ohms.....	58 watts RMS
Each channel driven into 4 ohms.....	90 watts RMS

Frequency Response

1 0 watt into 8 ohms 18Hz-20kHz.....	+0 -0.5dB
1 0 watt into 8 ohms 10kHz-68kHz.....	+0 -3.0dB
Rated output into 8 ohms 20Hz-20kHz.....	+0 -0.5dB
Rated output into 8 ohms 14Hz-53kHz.....	+0 -3.0dB

Total Harmonic Distortion

At any power 0.25 watt to rated output.....	no more than 0.15%
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Intermodulation Distortion

At any power 0.25 watt to rated output.....	no more than 0.15%
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Hum and Noise

Minimum volume.....	-80 dBa
Auxiliary input maximum volume.....	-70 dBa*
Magnetic input maximum volume.....	-65 dBa*

* shorted inputs

Damping Factor

8Ω @ 100Hz.....	50
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Input Sensitivity

Magnetic.....	1.8mV RMS
Auxiliary/Tuner/Tape.....	160mV RMS
Overload sensitivity magnetic.....	50mV RMS
Overload sensitivity auxiliary.....	2.0V RMS

Tone Controls

Bass.....	±16dB @ 40Hz
Treble.....	±16dB @ 17kHz

Filters

Low filter (From 18Hz).....	-6dB per octave
High filter (From 15kHz).....	-6dB per octave

- Schematic diagram
- Product manual