



# Perreaux

Model: 8000C

Date of Manufacture: 1985

Product Type: Stereo Power Amplifier

Power Output (*per channel into 8Ω*): 500W<sub>rms</sub>

## Specifications:

### Power Output

500W<sub>rms</sub> per channel continuous both channels driven into 8Ω from 20Hz to 20kHz at no more than 0.15% Total Harmonic Distortion.

900W<sub>rms</sub> per channel into 4Ω

**Total Harmonic Distortion** ..... < 0.15%

**Intermodulation Distortion** ..... < 0.15%

**Bandwidth** ..... ±0.25dB from 10Hz-20kHz  
..... -3.0dB 10Hz and 50kHz

### Level Control

Separate level controls are provided for each channel using high quality stepped attenuators of sealed construction.

### Output Level Meter and Clipping Indicator

A variable reference analogue computer-based design which compares actual output voltage with mains supply voltage. It displays the voltage used proportionally to that available, constantly adjusting for variances in both input and output voltages.

### Connectors

Cannon type for the input and 5-way binding posts for the outputs.

### Balanced Input

Achieved by means of an active circuit, providing better audio quality than most transformers.

**Phase Response** ..... +2° at 20Hz -2° at 20kHz

**Channel Separation** ..... > 60dB 20Hz-20kHz

**Damping Factor** ..... > 200 @ 50Hz

**Slewing Rate** ..... 50V/μs

**Input Impedance** ..... 10kΩ balanced

**Balanced Input Sensitivity (for rated output @ 1kHz)** ..... 0.77V<sub>rms</sub>

### Dimensions

Width ..... 483mm (19.0")

Height ..... 177mm (7.3")

Depth ..... 447mm (17.6")

**Weight** ..... 30.0kg (66.0lb)

Schematic diagram

Product manual