



# Perreaux

Model: E220

Date of Manufacture: 1994

Product Type: Stereo Power Amplifier

Power Output (*per channel into 8Ω*): 200W<sub>rms</sub>

## Specifications:

### Power Output

200W<sub>rms</sub> per channel continuous both channels driven into 8Ω from 20Hz to 20kHz at no more than 0.5% Total Harmonic Distortion from 0.25W to rated power  
300W<sub>rms</sub> per channel into 4Ω

**Frequency Response** ..... 20Hz-20kHz ±0.25dB  
..... -1dB @ 6Hz and 65kHz

### Total Harmonic Distortion

Rated power ..... 0.003% @ 1kHz  
Worst case prior to clipping ..... 0.05%

**Dynamic Headroom** (*with music*) ..... > 2dB

**Amplifier Saturation** ..... > 500W per channel into 8Ω

**Voltage Swing** ..... 150V<sub>p-p</sub> per channel

### Current Output

Short Duration Continuous ..... 20A per channel (fuse limited)

**Rise Time** ..... Typically 1μs

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

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

**Damping Factor** ..... > 500 from 10Hz-1kHz  
..... 1000 @ 100Hz

**Hum and Noise** (*unweighted*) ..... 95dB below rated output 20Hz-20kHz

**Input Sensitivity** ..... 1.5V<sub>rms</sub> for rated output @ 1kHz

**Input Impedance** ..... 47kΩ

**Driver Stage** ..... Class A

**Output Devices** ..... Extended Class AB

### Dimensions

Width ..... 430mm (17.0")

Height ..... 95mm (3.8")

Depth ..... 435mm (17.2")

**Weight** ..... 12.0kg (27.0lb)

Schematic diagram

Product manual