



# “E160i” Dual Channel Integrated Amplifier



E160i Black finish



E160i Chrome finish

## General Description

The Perreaux “E160i” Remote Controlled Integrated Amplifier represents great value for money in a one-box pre/power amplifier solution. In the past integrated amplifiers have been frowned upon by audiophiles, however, due to superior circuit design and layout the Perreaux “E160i” supplies superlative performance with minimal compromise. Incorporating the same features of both the “EP” Preamplifier and “E160” Power Amplifier – the “E160i”, at 160W per channel, provides high quality powerful sound.

## Features

- 6 pairs Unbalanced Inputs (RCA)
- 1 pair Unbalanced Preamplifier Outputs (RCA)
- 2 pairs Unbalanced Line Outputs (RCA)
- Fully Remote Controlled
- 160+160W
- MOSFET Output Stage
- Class A Driver Stage

- Class A/AB Output Stage
- Pre/Power Amplifier Separation
- Large Toroidal Transformer
- 20,000µF of Smoothing Capacitance
- Earth Isolating Switch
- Efficient External Heatsinks
- High Quality PCBs and Components

## Specifications

### Preamplifier

- Rated Output: ..... 1.5V<sub>rms</sub>
- Maximum Output: ..... 3.0V<sub>rms</sub>
- Input Sensitivity: ..... 205mV
- Input Overload: ..... 4.0V<sub>rms</sub>
- Input Impedance: ..... 10kΩ
- Tape Output Level: ..... 200mV
- Total Harmonic Distortion (THD+N):
  - Rated Output ..... <0.006%, 20Hz to 20kHz
- Signal to Noise Ratio: ..... 95dB
- Phase Accuracy: ..... ±1.0°, 20Hz to 20kHz
- Dynamic Range: ..... 110dB
- Gain Range: ..... -95dB to 17dB
- Gain Resolution: ..... 1.5dB

### Power Amplifier

- Continuous Power Output (per channel):
  - ..... 160W<sub>rms</sub> into 8Ω
  - ..... 200W<sub>rms</sub> into 4Ω
- Frequency Response: 20Hz to 20kHz, ±0.25dB

### Total Harmonic Distortion (THD+N):

- Typically ..... 0.005% @ 1kHz into 8Ω
- ..... <0.04%, 20Hz to 20kHz into 8Ω

### Hum & Noise (unweighted):

- ..... -95dB, referenced to rated output

### Input Sensitivity: ..... 1.3V<sub>rms</sub>

### Gain: ..... 28.6dB

### Input Impedance: ..... 22kΩ

### Dynamic Headroom: ..... >2.0dB

(conservatively rated with music)

### Maximum Current Output: . 24A per channel

### Damping Factor: ..... 500, into 8Ω @ 1kHz

### Driver Stage: ..... Class A

### Output Stage: ..... Class A/AB

### General

#### Dimensions (not including feet and terminals):

- Width ..... 430mm (16.9")
- Height ..... 88mm (3.5")
- Depth ..... 320mm (12.6")
- Weight: ..... 10.0kg (22.0lb)