



## “R200i” Dual Channel Integrated Amplifier



**R200i** Black Chrome finish



**R200i** Satin Chrome finish

### General Description

The Perreaux “R200i” is our finest quality offering, incorporating some of the highest levels of audio engineering available today.

Perreaux has been designing and manufacturing only the highest quality audio componentry for more than a quarter of a century. Technology has continued to evolve rapidly over that time and our knowledge and application of design, materials and manufacturing techniques has advanced in tandem with this. Today’s Perreaux range comes closer to fulfilling our company’s shared vision than at any other time in the past.

The “R200i” has been developed to meet customer demands for compact, higher quality products. Careful attention has been taken throughout the development phase so as not to make compromises that would degrade the quality of musical reproduction.

The Perreaux “R200i” takes you even closer to the elusive goal of “The Perfect Re-Creation of a Musical Event”.

### Features

- Fully Interactive Menu System
- RF Remote Controller
- Compact
- High Power Output
- Dual Mono Topology
- Two High Current Toroidal Transformers
- 80,000 $\mu$ F of Smoothing Capacitance
- Separate Control Power Supply
- Separate Preamplifier Power Supply
- Balanced and Unbalanced Inputs
- Dual Binding Posts
- Sophisticated, Non-Invasive Protection Circuitry
- Full DC Coupling

- Totally Microprocessor Controlled
- Ultra Short Signal Path
- Thermal Management System
- Highly Customisable
- Home Theatre Integration
- Programmable Initial/Maximum Volume Settings
- Dual Ramp-Speed Volume Control
- Smart Mute
- Adjustable Display Brightness
- Remote On/Off Triggers
- Energy Saver
- Future-Proof
- Optional Phono/USB Modules

## Specifications

### Preamplifier

Gain Range:	-95dB to +19dB
Gain Resolution:	1.5 dB steps, linear throughout the range
Frequency Response:	0Hz to 100kHz, $\pm 0.25$ dB
Input Sensitivity:	195mV
Input Impedance:	10k $\Omega$
Input Overload:	4.0V <sub>rms</sub>
Rated Output:	1.5V <sub>rms</sub>
Maximum Output:	3.4V <sub>rms</sub>
Preamp Output Source Impedance:	470 $\Omega$
Total Harmonic Distortion (THD+N):	
Typically:	0.003% @ 1kHz
20Hz to 20kHz:	<0.005%
Signal to Noise Ratio:	
Unbalanced:	>95dB
Balanced:	>95dB
Channel Separation/Crosstalk:	
Unbalanced:	<-70dB @ 1kHz
Balanced:	<-90dB @ 1kHz
Common Mode Rejection Ratio: (CMMR)	
Balanced:	>95dB

### Amplifier

Continuous Power Output (per channel):	200W <sub>rms</sub> into 8 $\Omega$ 360W <sub>rms</sub> into 4 $\Omega$
Frequency Response:	5Hz to 30kHz, $\pm 0.5$ dB
Total Harmonic Distortion (THD+N):	Typically 0.003% @ 1kHz into 8 $\Omega$ <0.015%, 20Hz to 20kHz into 8 $\Omega$ Typically 0.004% @ 1kHz into 4 $\Omega$ <0.020%, 20Hz to 20kHz into 4 $\Omega$
Gain:	28.2dB
Dynamic Headroom (rated with music):	>2.9dB
Voltage Swing:	$\pm 80$ V <sub>p-p</sub>
Maximum Current Output:	60A per channel
Channel Separation:	>120dB
Signal to Noise Ratio:	>95dB, referenced to rated output
Damping Factor:	>2000 into 8 $\Omega$
Input Sensitivity:	1.5V <sub>rms</sub>
Input Impedance:	33k $\Omega$
Smoothing Capacitance:	80,000uF (40,000uF per channel)
Driver Stage:	Class A
Output Stage:	Class A/AB

### General

Power Consumption:	
Standby:	5W
Idle:	120W
Maximum:	800W, at 4 $\Omega$ rated output
Overall Dimensions:	
Width:	430mm (16.9")
Height:	105mm (4.1")
Depth:	340mm (13.4")
Weight:	15.0kg (33.1lb)