

**STEREO PRE-AMPLIFIERS**

**C200  
Preamplifier/  
Controller**

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**Quick Facts**

The extraordinary C200 is fully balanced from input to output - a configuration that essentially cancels all distortion. The precision volume control has four matched sections and the main gain stage uses four matched amplifiers operating in a push-pull. Even unbalanced signals are converted to and processed as balanced signals.

The Preamplifier chassis, which contains only audio circuits and inputs/outputs, is completely isolated from the power supply and the microprocessors, ensuring total noise rejection.

The Controller chassis contains the selector switches, digital display, all control microprocessors, and the power supply. After any switching operation, the control circuits are automatically turned off to eliminate any possibility of microprocessor noise reaching the audio circuits. The only connection between the Preamplifier and Controller is a 25-pin shielded case.

**About This Product**

- Dual Chassis Stereo Preamplifier
- Fully Balanced - Input to Output
- Inputs Fully Isolated From Switching and Power Activities
- 7 Source Inputs
- Balanced and Unbalanced Tape Loops
- Separate MM and MC Phono Stages
- Three Pairs of Outputs - Two Switched
- Wide Dynamic Range
- Discrete Output Stage

- Digital IR Remote Control
- C200 Controller Dimensions: 17.5W x 5.37H x 20D (26 lbs.)
- C200 Preamp/Amplifier Dimensions: 17.5W x 5.37H x 20D (20.5 lbs)

### *Features and Specs*

|   |  |
|---|--|
| Separate Electronic Regulators for Each Pre-amplifier Section                                     | •  |
| Type of Volume Control  | VRV  |
| Programmable Source Trim  | •  |
| Independent Listen and Record Selection   | •  |
| Electromagnetic Switching   | •  |
| Low-Noise 1% Metal Film Resistors   | •  |
| Glass Front Panel with Illuminated Nomenclature   | •  |
| Connector for External IR Sensor  | •  |
| Control Data Outputs  | •  |
| Dual-Chassis Design   | •  |
| Ultra-Low Distortion  | •  |
| Discrete Output Circuit   | •  |
| Extra-Wide Dynamic Range  | •  |
| Shielded Power Transformer  | •  |
| Polyester Coupling Capacitors   | •  |
| Ultra-precision (.5%) metal film resistors and 1% polypropylene capacitors for phono equalization | •  |
| Dual Processor Loops  | •  |
| Balanced Input(s)   | •  |
| Phono Input   | MM/MC Phono Inputs   |
| Balanced Output(s)  | •  |
| Type of Amplifier   | Solid State  |
| Headphone Jack  | •  |
| Gold Plated Terminals   | •  |
| Frequency Response  | 10 Hz to 40 KHz +0 / -0.5 dB   |
| Rated Output Voltage  | 2.5 Vrms   |
| Maximum Unclipped Output  | 25 Vrms  |
| Output Impedance  | 100 ohms balanced / 50 ohms unbalanced                                     |
| Total Harmonic Distortion   | 0.002 %  |
| Input Sensitivity   | 450 mV   |
| Maximum Input Signal  | 5 v  |
| Signal to Noise Ratio   | 98 dB  |
| Input Impedance   | 44k ohms   |
| Warranty (parts)  | 36 month(s)  |
| Warranty (labor)  | 36 month(s)  |
| Dimensions  | 3.375 in. H x 17.5 in. W x 20 in. D (13.7 cm. H x 44.5 cm. W x 50.8 cm. D) |
| Weight  | 40.4 lbs. (18.4 kg.)   |