

McIntosh®

CR106 6-ZONE PREAMPLIFIER / AUDIO MATRIX



- The CR106 6-Zone Preamplifier delivers effortless control and unmatched flexibility, enabling you to simultaneously enjoy different music in different rooms of your home.
- Combining the features of a preamplifier and an audio matrix into one unit, it can be paired with our amplifiers and speakers designed for custom installations to create a multi-room, high-performance distributed audio system with exceptional sound quality that enhances every corner of your home.
- The CR106 is controlled by our Connect app, through a web interface, or by the intuitive front-panel knobs and buttons.

Regardless of how you control the CR106, no complicated programming is required.

- With the Connect app, you can:
 - Turn zones on and off.
 - Name zones for easy identification.
 - Select audio sources for each zone.
 - Adjust volume, bass, and treble for each zone.
 - Configure subwoofer settings for zones with connected subwoofers.
 - Group zones together.
 - Select 1 of 6 optional EQ Voicings for each zone.
- Create and customize Experiences using the Connect app or web interface. An

Experience captures and saves the current input selection and volume levels for each zone. These saved Experiences can be easily reapplied or activated anytime.

- Source components can be connected via the 4 unbalanced analog inputs or the 4 digital inputs. For larger systems, up to five CR106 units can be linked together via Dante® network interface, creating up to 30 distinct two-channel audio zones. Adopted by hundreds of manufacturers in thousands of products, Dante replaces audio connections in larger multi-room systems with a computer network, effortlessly sending audio over your network to multiple locations.

- Stream directly to the CR106 via Bluetooth. The CR106 utilizes the high bitrate Advanced Audio Coding (AAC) standard; Qualcomm® aptX™ HD for hi res audio playback; and Qualcomm aptX Adaptive, a robust solution that delivers high resolution, uninterrupted audio over Bluetooth.
- Each zone has 2 sets of unbalanced outputs plus dedicated subwoofer outputs.
- The compact CR106 can easily be installed into a standard A/V equipment rack and requires just 2U of rack space (rack mounting brackets are included).

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AUDIO SPECIFICATIONS

Frequency Response

±0.5dB from 20Hz-20kHz

Total Harmonic Distortion

High Level Inputs: 0.005% maximum from 20Hz to 20kHz

Signal To Noise Ratio - A Weighted

High Level: 96dB below rated Output

Rated Output Voltage

2.5V Unbalanced Outputs

Maximum Voltage Output

7V Unbalanced

Output Impedance

330 Ohms

Input Impedance

High Level: 50k Ohms Unbalanced

Sensitivity for Rated Output

High Level: 450mV Unbalanced

Maximum Input Signal

High Level: 4.5V Unbalanced

CONNECTIVITY

Unbalanced Input: 4

Unbalanced Output: 6 Zones
(each zone has 2 sets of unbalanced outputs plus 2 dedicated subwoofer outputs)

Coaxial Input: 2

Optical Input: 2

USB Input: 1 (for service only)

Network LAN Connections: 2

CONTROLS

Power Control Output: 6

RS232 Control Input: 1

Tone Controls: Bass and Treble

WEIGHTS & DIMENSIONS

Unit Dimensions (W x H x D)

17-1/2" (44.5cm) (with mounting brackets 19" (48.3cm)) x 4-3/8" (11.1cm) x 18-5/32" (46.1cm)

Unit Weight

15 pounds (6.8 kg)

Shipping Weight

37.5 pounds (17 kg)

Learn more:

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DISCOVER CR106