CAA66
Multizone Controller Amplifier

PRODUCT BRIEF

The Russound CAA66 Multizone Controller Amplifier distributes six stereo audio sources to six zones. For larger installations, up to six CAA66 controllers can be linked together to accommodate a total of 36 zones.

Each zone has its own built-in stereo amplifier providing 20 watts RMS per channel. The system also provides independent bass, treble, balance, loudness and volume control in each zone.

Switchable line outputs on zones 1 and 2 provide either fixed or variable level signals to external amplifiers or local audio systems. This is useful for powering multiple speaker pairs, extending zones to additional rooms, or providing more power to outdoor zones.

For zone and source control, the CAA66 system offers a choice of two zone keypads plus an optional numeric source control keypad. The controller supports multiple keypads in each zone when using the optional SA-ZX3 Keypad Splitter.

The CAA66 system controls sources through infrared commands. A built-in library provides IR codes for most current audio and video components. The controller also has IR learning capability.

The controller provides both source-specific and common IR output ports for device control. It can also link directly to Russound RNET® source components for control from the keypads; however, it does not support data feedback from the sources.

The CAA66 system features simplified programming, which resides entirely in the controller. The USRC Universal System Remote Control accesses the program settings in the controller and thus needs no separate programming.

To enable easy integration with paging systems, home automation systems and other devices, the controller provides a muting trigger input and system trigger output, as well as an RS-232 port with a documented serial protocol. The RS-232 port can also be used to update the system firmware.

The CAA66 system keypads connect to the controller with CAT-5 or CAT-5e cable. The speakers connect to the built-in amplifiers with standard speaker cable.

Rack ears are included with the CAA66 controller for 2U rack mounting.

Features

- Six sources, six zones, internal IR library, RS-232, and switchable preamp outputs for flexibility and convenience
- Bass, treble, balance, loudness and "all off" for total control from keypads
- Program the controller and all zones are ready for use, saving time
- Linkable for up to 36 zones to accommodate any size home
- New two-unit-high rack-mountable controller design for an elegant and practical solution
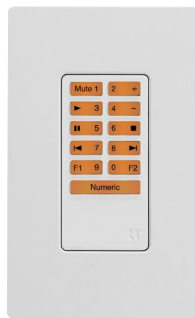
System Keypads, Remote

KPL Advanced
System Keypad

KP6 System
Keypad

KPSC Source
Keypad (optional)

USRC Universal
System Remote Control

Included Parts:
• Rack-mount ears
• Power cord

Accessories:
ZX3 Keypad Splitter

KP6 and **KPL** available separately or with controller in system kit.

Specifications

Audio Source Inputs	6	**Speaker Connectors**	Removable 4-pole color-coded snap connectors
Zones per Controller	6	**Audio Line Outputs**	Switchable fixed/variable, 2.2 Vrms (zones 1 and 2 only)
Zones per System	36 maximum		
Keypad Ports	RJ45, T568A standard	**Line Output Connectors**	RCA left and right
Interface Port	DB9 for RS-232 serial data	**Mute Trigger Input**	12 VDC
S/N Ratio	AM: 33dB, FM: 60dB	**System Trigger Output**	12 VDC, 100 mA maximum
Link Ports	RJ45	**Trigger Connectors**	1/8-inch TS, tip positive
Source Input Connectors	RCA left and right	**Power Rating**	100–120 VAC 3 A or 220–240 VAC 1.25 A, 50–60 Hz
Source Input Impedance	50 kilo ohms		
Source Input Level	2.2 Vrms max	**Fuse rating**	F3.0A H 250V USA and Canada TF1.25A H 250V Europe
Amplifier Channels	12 (2 per zone)		
Power Output	20 watts per channel RMS into 8 ohms	**Product Dimensions**	17"W x 11.5"D x 3.9"H ((43 x 29.2 x 9.9 cm)
Frequency Response	20 Hz to 20 kHz +0/–2.5 dB	**Weight**	17 lbs. (7.7 kg)
Distortion	<0.10% THD+N from 20 Hz to 20 kHz	**Part Number**	1210-524882 US, 1210-532474 Intl.
Signal-to-noise Ratio	>90 dB A-weighted, >88 dB unweighted	**Shipping Dimensions**	24" W x 7.5" H x 18" D (61.0 x 19 x 45 cm)
Speaker Impedance	8 ohms nominal, 6 ohms minimum	**Shipping Weight**	21 lbs (9.5 kg)

Digital World NZ, Unit 8, 7 Reeves, Pakuranga, Auckland 2010
P: +64 (9) 274 1111, F: +64 (9) 274 1115, E: sales@digitalworld.net.nz

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