

C-Series Multizone Kit KT1-C5

Product Brief



Multiline Display Keypad
MDK-C5



Multizone Controller Amplifier
MCA-C5



Remote Control
SRC-C5

Russound's C-Series Multizone kit provides a powerful, scalable and intuitive means to control and enhance your multiroom audio experience. The KT1-C5 kit includes a MCA-C5 Multizone Controller Amplifier, six MDK-C5 Multiline Display Keypads and a SRC-C5 System Remote Control. The system offers control of eight sources and zones, advanced features, and digital amplification.

The MCA-C5 provides eight zones of distributed stereo audio from any of eight sources. The source loop outputs and the addition of up to five additional controllers allow for scalability to 48 zones.

A variety of input options have been engineered into the MCA-C5 controller. A built-in internal AM/FM tuner with RDS (Radio Data System) support can be configured as source one. An RNET® link using CAT-5e allows for metadata transmission and control of Russound RNET Smart Source components, including the SMS3 Smart Media Server, iBridge® Dock and Bay, and ST2 Tuners with AM/FM and/or satellite radio.

Featuring digital amplification, the MCA-C5 provides 40 watts of power per channel to zones one through six. All zones are equipped with fixed or variable line-level outputs for outboard amplification or subzone use.

The MCA-C5 has a front USB port for programming ease and a rear RS-232 port for integration with home automation systems.

Custom audio settings, Party Mode, Do Not Disturb, source and zone linking, and All On/Off participation are standard features. Incorporated in the MCA-C5 is a system clock with an alarm and sleep timer, Home Theater triggers, routed and common IR outputs, and eight 12VDC trigger outputs. Source eight can serve as a paging input and loop output for connection to a third party paging or phone system.

Control of the MCA-C5 is handled via the SRC-C5 System Remote Control or the MDK-C5 Multiline Display Keypad. The SRC-C5 provides simplified programming and control via intelligent IR learning capabilities. The MDK-C5 is a wall-mounted, standard fit, double-gang keypad for the MCA-C5 Multizone Controller Amplifier. The keypad's gray scale LCD screen displays real-time information including playlist, channel, artist, song title, genre and more. Responsive hard buttons offer access to virtually every system feature and source control function. The buttons and screen brightness are adjustable and can be dimmed at the owner's discretion. For additional control, up to two UNO-TS2 touchscreens can also be connected to each controller. Additional UNO-TS2s may be connected but require a keypad splitter (SA-ZX3).

The system programming is accomplished with your PC and SCS-C5 configuration software, a free download from the Doc Center at www.russound.com.

Features	Benefits
Scalable	Eight input sources distributed to eight zones, expandable to 48 zones with additional controllers
Powerful	40 watts of digital amplification per channel on zones one through six
Responsive	Back-lit buttons provide access to and navigation of menus, audio and source control
Smart	Keypad displays RDS information from the tuner and RNET feedback and metadata from the controller amplifier in "real-time"

Specifications



C-Series System Kit KT1-C5

Kit Contents: (1) MCA-C5 Controller, (8) 854.1 IR Emitters, (6) MDK-C5 Keypads*, (1) pair rack ears, (1) SRC-C5 Remote Control, (1) AM Antenna, (1) FM antenna

*MDK-C5 keypads come with white and almond color conversions



Multiline Display Keypad* MDK-C5

Power Requirements: 275mA @ 12VDC MAX

CAT-5e Connection: One RJ-45 (T568A standard)

Display: 70 mm W x 35 mm H
high resolution LCD

Controls: Eleven backlit hard buttons

Wall Surface Dimensions: 4.5"W x 4.5"H
(11.43 x 11.43 cm)

Inside Box Dimensions: 3.5"W x 2.75"H x 1.5"D
(8.9 x 6.9 x 3.8 cm)

Weight: 1 lbs. (0.45 kg)

* Plasma friendly option is available (MDK-C5P)

Multizone Controller Amplifier MCA-C5

Power Supply: 110 or 240 VAC

Fuse Rating: 100-120V/T5.0A 250V US and Canada
220-240V/T3.15A 250V Europe

Power Consumption: 600 watts maximum

Frequency Response: 20Hz-20kHz +/- 1 dB
at 1W output into 8 ohms

Watts per Channel: 40W*

*1kHz at 8 ohms with <5% THD+N

Signal to Noise Ratio: 93 dB unweighted, 96 dB A-weighted

Audio Source Inputs: 8 (including internal tuner and page input)

Audio Zone Outputs: 6 Speaker Level (Zones 1-6)
(8 Line Level fixed or variable)

Zone Output Triggers: 8 12VDC 100mA

Output Trigger: 1 common

Trigger Inputs: 1 Home Theater 12VDC max

Speaker Connection: 6 detachable 4 pole connectors

Keypad Ports: 8 RJ-45 T568A standard

IR Outputs: 6 routed, 1 common

Communication Ports: Front- 1 USB 2.0/1.1

Rear- 1 Serial RS-232, 19.2 kHz baud rate

1 Ethernet RJ-45, 10/100 Base T (future use)

2 RJ-45 RNET links In/Out

Frequency Range: AM 530 - 1710 kHz

FM 87.7 - 107.9 MHz

Antenna Impedance AM: 300 Ohm balanced

Impedance FM: 75 Ohm unbalanced

Sensitivity: AM: @20 dB S/N 55 dBu

FM: @30 dB S/N 6 dB, max 12 dBu

Image Rejection: AM: 33 dB FM: 80 dB

S/N Ratio: AM: 45 dB FM: 60 dB

Dimensions: 17"W x 3.5"H x 17.2"D
(43.2 x 9 x 43.6 cm)

Weight: 28.8 lbs. (13.1 kg)



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Since 1967, innovation, quality and reliability have been the core of the Russound product tradition. Today, Russound offers everything for enjoying multiroom audio-video in your home. All audio-video distributed solutions are built to high standards and designed with the unique consideration of making products that are a pleasure to live with and enjoy.

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