



# C-Series

## Multiroom Audio System

Powerful,  
scalable and  
intuitive control



# C-Series

## C5 Multiroom System



The C5 multiroom system offers advanced features that make enjoying your musical experience even easier. Party Mode allows you to control the music and volume in every zone from one zone using a shared source. Source Linking connects multiple zones to the same source while allowing independent volume and on/off control, for when you want your music to follow you throughout your home. Zone Linking provides control of multiple zones by one or more keypads, perfect for open concept homes.



### get connected

The C5 system is designed for integration, with Home Theater triggers, routed and common IR outputs, eight 12VDC trigger outputs, an optional system wide paging capability for intercom and telephone systems, an RS-232 port for connection to home integration systems. When combined with Russound's VM1 Video Matrix, the MCA-C5 can help your share High Definition video sources within any multiroom system zone.

### eight is enough

The C5 system provides increased coverage by delivering eight sources to eight zones. For larger installations, a C5 system is scalable up to 6 controllers, providing 48 zones of coverage.



## C5 Multizone Controller MCA-C5

The MCA-C5 controller features digital amplification, providing 40 watts of power per channel to zones one through six. All zones are equipped with fixed or variable line-level outputs, perfect for larger or outdoor zones where external amplifiers are required.

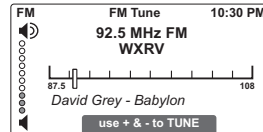


## name that tune

With an internal AM/FM tuner featuring RDS (Radio Data System) display, the C5 Multizone system displays station ID, program, artist and song information on system keypads and touchscreens. Russound RNET Smart Sources also provide the C5 system with source metadata.



**RNET Smart Sources**  
Russound RNET Smart Sources allow the MCA-C5 to show information about the song, artist, album and playlist.



**Internal FM tuner with RDS**  
The MCA-C5 delivers RDS (Radio Data System) information about radio programming to system keypads and touchscreens.

## C5 Multiroom Keypad MDK-C5

Control for the C5 system comes from the MDK-C5 Multiline Display Keypad. The keypad's high-resolution LCD screen displays real-time information including playlist, channel, artist, song title, genre and more. Responsive hard buttons provide easy navigation of every system feature and source control function through a menu driven interface. A built-in IR receiver allows easy control from the SRC-C5 System Remote Control. The keypad buttons and screen brightness are. For additional control, up to two Russound UNO-TS2 touchscreens can also be connected to the system.



**Desktop Color Touchscreen**  
UNO-TS2D

Built upon RNET technology, the C5 system can also be controlled through Russound RNET control products such as the UNO-TS2D Desktop Touchscreen.

## time to play

Featuring a system wide clock and alarm and sleep timer functions in individual zones, the C5 system can provide the time, wake you to music, and help you delay your day, all with your favorite music.





# Specifications



## C5 Multiroom Controller Amplifier MCA-C5

<b>Dimensions</b>	17"W x 3.5"H x 17.2"D (43.2 x 9 x 43.6 cm)
<b>Weight</b>	28.8 lbs. (13.1 kg)
<b>Power Supply</b>	110 or 240 VAC
<b>Fuse Rating</b>	100-120V/T5.0A 250V US and Canada 220-240V/T3.15A 250V Europe
<b>Power Consumption</b>	600 watts maximum
<b>Frequency Response</b>	20Hz-20kHz +/- 1 dB at 1W output into 8 ohms
<b>Watts per channel</b>	40W*
<b>Total Harmonic Distortion</b>	<0.05%, 1W output into 8 ohms 20Hz-20kHz
<b>Signal to Noise Ratio</b>	93 dB unweighted, 96 dB A-weighted
<b>Audio Source Inputs</b>	8 (including internal tuner and page input)
<b>Audio Zone Outputs</b>	6 Speaker Level (Zones 1-6) (8 Line Level fixed or variable)
<b>Trigger Outputs</b>	8 12VDC 100mA, 1 common
<b>Trigger Inputs</b>	1 Home Theater 12VDC max
<b>Speaker connection</b>	6 detachable 4 pole connectors
<b>Keypad ports</b>	8 RJ-45 T568A standard
<b>IR Outputs</b>	6 routed, 1 common
<b>Communication ports</b>	Front- 1 USB 2.0/1.1 Rear- 1 Serial RS232, 19.2 kHz baud rate 2 RJ-45 RNET links In/Out 1 Ethernet RJ-45, 10/100 Base T
<b>Frequency Range</b>	AM 530 - 1710 kHz FM 87.7 - 107.9 MHz
<b>Antenna impedance AM</b>	300 Ohm balanced
<b>Impedance FM</b>	75 Ohm unbalanced
<b>Sensitivity</b>	AM: @20 dB S/N 55 dBu FM: @30 dB S/N 6 dB max 12 dBu
<b>Image rejection</b>	AM: 33 dB FM: 80dB
<b>S/N ratio</b>	AM: 45dB FM: 60 dB



## C5 Multiline Display Keypad MCA-C5

<b>Power requirements</b>	275mA @ 12VDC MAX
<b>CAT-5e connection</b>	RJ-45 (T568A standard)
<b>Display</b>	70 mm W x 35 mm H high resolution LCD
<b>Controls</b>	Eleven backlit hard buttons
<b>Wall surface dimensions</b>	4.5"W x 4.5"H (11.43 x 11.43 cm)
<b>Inside box dimensions</b>	3.5"W x 1.5"D x 2.75"H (8.9 x 3.8 x 6.9 cm)
<b>Weight</b>	1 lbs. (0.45 kg)



C5 Learning Remote Control  
SRC-C5

\*1kHz into 8 ohms with <5% THD+N, 2 channels at full power, 10 channels at 1/8th



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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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