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.
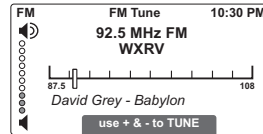
name **that tune**

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.

Media Svr 1	Now Playing	10:30 PM
Theme: New Songs		
Artist: The Beatles		
Album: Abbey Road		
Song: Here Comes the Sun		
use + & - for Theme		

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

FM	FM Tune	10:30 PM
92.5 MHz FM		
WXRV		
87.5		108
David Grey - Babylon		
use + & - to TUNE		

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.

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

Desktop Color Touchcreen
UNO-TS2D

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.

 NE CONTROLLER

Specifications

C5 Multiroom Controller Amplifier
MCA-C5

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)
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*
Total Harmonic Distortion	<0.05%, 1W output into 8 ohms 20Hz-20kHz
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)
Trigger Outputs	8 12VDC 100mA, 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 RS232, 19.2 kHz baud rate 2 RJ-45 RNET links In/Out 1 Ethernet RJ-45, 10/100 Base T
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: 80dB
S/N ratio	AM: 45dB FM: 60 dB

C5 Multiline Display Keypad
MCA-C5

Power requirements	275mA @ 12VDC MAX
CAT-5e connection	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 1.5"D x 2.75"H (8.9 x 3.8 x 6.9 cm)
Weight	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

Russound®

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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.