

The Next Generation Multi-Zone Has Arrived

MCA-88 8 Source, 8 Zone Controller Amplifier



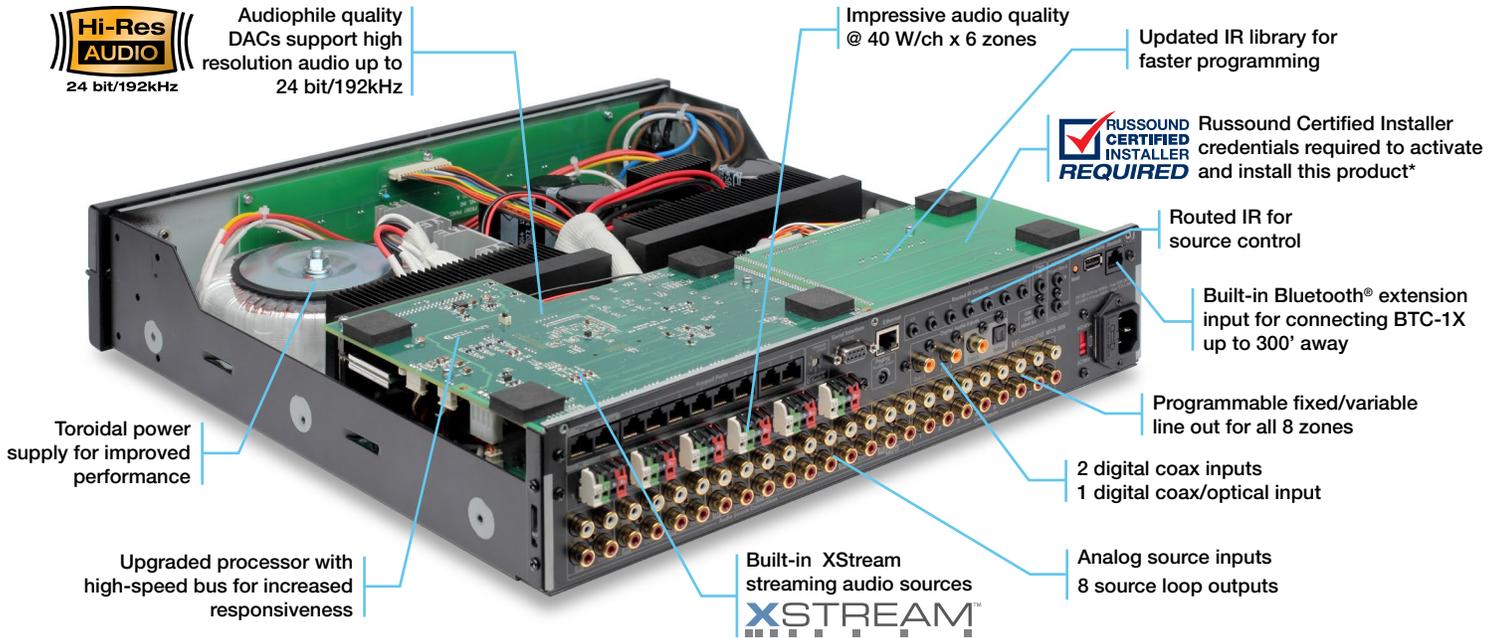
Building on Russound's legendary reliability, simplicity, and sound quality, the new multi-zone controllers now offer faster response time, an array of digital inputs, quicker configuration, and more great content. The intuitive MyRussound™ App conveniently controls the entire system and displays metadata* using tablets and phones. In addition, a wide assortment of keypads, touchscreens and hand-held remotes ensures optimum control for any location. Engineered for flexible configuration and easy integration, the controllers satisfy any design challenge. The system allows multiple controllers to be combined to create up to 48 independent zones. The new Russound line of multi-zone controllers delivers the perfect balance of popular music content, audio performance, and optimal control.

*metadata on the MyRussound App only when used with a compatible Russound source.



The MCA-88 is part of the Russound Certified Installer (RCI) Program and can only be installed and configured by a Russound Certified Installer. The RCI Program is designed to provide the best possible product and installation experience to our consumers while maximizing the value that the thousands of Russound installers in the US and around the world offer to their customers throughout the sale and installation process. To find out more about how to become an RCI, contact us at 603-659-5170 or sales@russound.com.

MCA-88 Key Features



Additional Features:

- RS-232 and IP for 3rd party integration
- Home Theater 12V Trigger In/Out for Shared Sources
- Global 12V Trigger Output
- Perform basic configuration from your smartphone, tablet or computer with Web Config
- SCS-C5 software for complete configuration options
- Removable Screwless Speaker Connectors
- Paging System Support with Dedicated 12V Trigger Input
- Supports KNX® with Optional KNX-RIO-1

Interface Options



XTS



TS3



MDK-C6



SLK-1



MyRussound App



The Russound MCA-88 digital multi-zone controller amplifier provides up to eight zones of distributed audio, for up to 8 audio sources. Scalable to 48 zones, the MCA-88 provides numerous options to tailor to residential or light commercial distributed audio systems. The *Bluetooth*® connection allows the installation of the MCA-88 in an equipment rack while remotely locating

the optional Russound BTC-1X *Bluetooth* receiver up to 300' away. Additionally, the BTC-1X improves audio quality through the high performance aptX® audio codec. An RNET link allows for metadata transmission, linking multiple MCA controllers and enables connection to all Russound RNET Smart Sources like the ST1 AM/FM external tuner.

The MCA-88 features Web Config, an on-board hosted web page used for basic configuration and firmware updates. With Web Config, configuring your controller has now never been easier. Web Config allows you to configure and update your controller from the palm of your hand using a smartphone or tablet. Future firmware updates will enable even more programming functionality.

All MCA products are Ethernet enabled devices allowing for IP based features and control. RIO (Russound I/O) allows IP based control systems to integrate with, control, and communicate bi-directionally through an open protocol. In addition to dedicated keypads and touchscreen control options, the free MyRussound App (iOS and Android) controls all Russound Ethernet connected products on the LAN including the MCA-88 and its source components.

Custom audio settings, party mode, do not disturb, source and zone linking, and all-on/all-off participation are standard features.

The MCA-88 has alarm and sleep timers, a Home Theater trigger and a 12VDC trigger output for power management and control. Source eight can serve as a paging input and loop output for connection to a 3rd party paging or phone system. With Russound MDK-C6, SLK-1 keypads or TS3, XTS touchscreens, the MCA-88 communicates vital information

such as preset names, station ID, artist, song titles and album art depending on the capabilities of the source being used. The simpler SLK-1 keypad can also be used for areas where basic control is sufficient such as entry/exit areas of a home or business or any area where the MyRussound App might be the predominant control interface.



KT2-88 Kit

Multi-zone Controller Amplifier System Kit with MDK-C6

Includes:

- 6 System Keypads (MDK-C6), White
- Remote Control (USRC)
- Rack ears
- IR emitters
- Wall plates included

Technical Specifications

MCA-88 Controller Amplifier		MDK-C6 Multiline Display Keypad	
Audio Source Inputs	8 stereo RCA line level, 2 coax, 1 coax/optical (maximum of 8 total inputs)	CAT-5e Connection	One RJ-45 (T568A standard)
Audio Zone Outputs	6 Speaker Level 40W/ch (8 line level, fixed or variable selectable)	Display	70 mm W x 35 mm H high resolution LCD
Watts per channel	40W, 1kHz into 8 ohms with <5% THD+N, 2 channels at full power, 10 channels at 1/8th	Controls	Thirteen backlit hard buttons
Frequency Response	20Hz-20kHz +/- 1 dB at 1W output into 8 ohms	Wall Surface Dimensions	4.5"W x 4.5"H (11.43 x 11.43 cm)
Minimum Impedance	8 ohms	Inside Box Dimensions	3.5"W x 2.75"H x 1.5"D (8.9 x 6.9 x 3.8 cm)
Total Harmonic Distortion	<0.05%, 1W output into 8 ohms 20Hz-20kHz	Weight	1 lbs. (0.45 kg)
Signal to Noise Ratio	93 dB unweighted, 96 dB A-weighted		
Common Trigger	Out, 12VDC, @100mA		
Home Theater Trigger	In/Out, 12VDC (pass-through)		
Page Trigger	In, 12VDC		
Speaker connection	6 detachable, screwless 4 pole connectors		
Keypad ports	8 RJ-45 T568A standard		
IR Outputs	Up to 6 routed, with two shared outputs and 1 common		
Communication ports	USB (firmware update only) 1 Serial RS-232, 19.2 kHz baud rate 1 Ethernet RJ-45, 10/100 Base T 2 RJ-45 RNET link ports		
Power Supply	100-120 VAC, 60Hz US and Canada (MCA-88) 220-240 VAC, 50Hz International (MCA-88i)		
Fuse Rating	100-120V/T5.0A 250V US and Canada (MCA-88) 220-240V/T3.15A 250V International (MCA-88i)		
Dimensions	17"W x 3.75"H x 16.2"D (43.2 x 9.5 x 41 cm)		
Weight	28.8 lbs. (13.1 kg)		

Product Specifications		
Model/Part Number	Shipping Dimensions	Shipping Weight
MCA-88 1550-536359	20.4"W x 20.2"D x 9.8"H (52 x 51 x 25 cm)	34.8lbs (15.8kg)
MCA-88i 1550-536410	20.4"W x 20.2"D x 9.8"H (52 x 51 x 25 cm)	36lbs (16.3kg)
KT2-88 1550-536588	20.4"W x 20.2"D x 9.8"H (52 x 51 x 25 cm)	38.4lbs (17.4kg)

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