

## The Next Generation Multi-Zone Has Arrived

### MCA-88 8 Source, 8 Zone Controller Amplifier



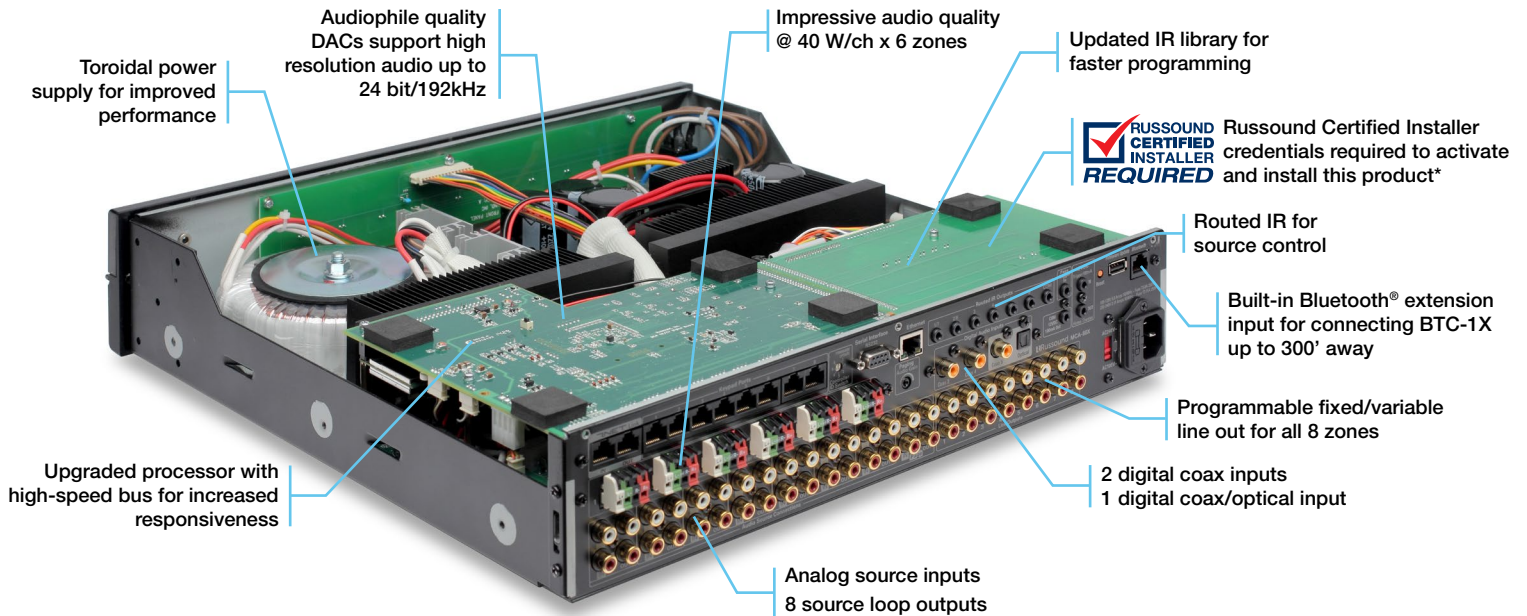
Building on Russound's legendary reliability, simplicity, and sound quality, the new multi-zone controllers now offer faster response time, an array of digital inputs, quicker configuration, and more great content. The intuitive MyRussound™ App conveniently controls the entire system and displays metadata\* 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 an XStream™ product such as the MCA-88X, X5, BGK1, ST or DMS-3.1.



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 Controllable
- Home Theater 12V Trigger In/Out for Shared Sources
- Global 12V Trigger Output
- Removable Screwless Speaker Connectors
- Paging System Support with Dedicated 12V Trigger Input
- Supports KNX® with Optional KNX-RIO-1

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.

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 keypads or 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.

## Technical Specifications

<b>Audio Source Inputs</b>	8 stereo RCA line level, 2 coax, 1 coax/optical (maximum of 8 total inputs)
<b>Audio Zone Outputs</b>	6 Speaker Level 40W/ch (8 line level, fixed or variable selectable)
<b>Watts per channel</b>	40W, 1kHz into 8 ohms with <5% THD+N, 2 channels at full power, 10 channels at 1/8th
<b>Frequency Response</b>	20Hz-20kHz +/- 1 dB at 1W output into 8 ohms
<b>Minimum Impedance</b>	8 ohms
<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>Common Trigger</b>	Out, 12VDC, @100mA
<b>Home Theater Trigger</b>	In/Out, 12VDC (pass-through)
<b>Page Trigger</b>	In, 12VDC
<b>Speaker connection</b>	6 detachable, screwless 4 pole connectors
<b>Keypad ports</b>	8 RJ-45 T568A standard
<b>IR Outputs</b>	Up to 6 routed, with two shared outputs and 1 common
<b>Communication ports</b>	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
<b>Power Supply</b>	100-120 VAC, 60Hz US and Canada (MCA-88) 220-240 VAC, 50Hz International (MCA-88i)
<b>Fuse Rating</b>	100-120V/T5.0A 250V US and Canada (MCA-88) 220-240V/T3.15A 250V International (MCA-88i)
<b>Dimensions</b>	17"W x 3.5"H x 17.2"D (43.2 x 9 x 44 cm)
<b>Weight</b>	28.8 lbs. (13.1 kg)

## Product Specifications

<b>Model Number</b>	<b>Part Number</b>	<b>Shipping Dimensions</b>	<b>Shipping Weight</b>
<b>MCA-88</b>	1550-536359	20.4"W x 20.2"D x 9.8"H (52 x 51 x 25 cm)	34.8lbs (15.8kg)
<b>MCA-88i</b>	1550-536410	20.4"W x 20.2"D x 9.8"H (52 x 51 x 25 cm)	36lbs (16.3kg)