



Product Guide

MCA-88X / MCA-66 Advanced Audio



MCA-88X
8 Source, 8 Zone Controller Amplifier



MCA-66
6 Source, 6 Zone Controller Amplifier

CONNECTS WITH
Control4
CERTIFIED

The Russound Difference

Advanced Multi-Zone Controllers like the Russound MCA-66 and MCA-88X are only available through trained installation professionals, offering Magnolia customers the exceptional audio quality and intuitive system operation that they expect and deserve.

What sets the MCA-Series controllers apart is:

- Linux-based platform for speedy operation
- Web Config allows for easy product configuration for many jobs using only a smartphone or tablet
- Built-in XStream High Resolution Digital Media Streamer (MCA-88X only)
- Built-in Bluetooth ready port
- Analog and digital input options
- Audio paging and paging trigger inputs
- 12v Trigger Input/output
- Scalable up to 36 (MCA-66) or 48 zones (MCA-88X)
- Keypad, touchscreen and mobile device control options

Read on to learn more: On the following pages, we'll explain how this unique



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The Technology

Advanced Audio Matrix with Scalability

The MCA-88X's audio matrix allows for up to 8 audio sources to be sent to any of 8 individual audio zones with scalability up to 48 zones with additional MCA-88 units. The MCA-66 allows for up to 6 audio sources to be sent to any of 6 individual audio zones with scalability up to 36 zones with additional MCA-66 units

Russound Certified Installer Required (RCI)

The MCA-Series controllers are part of Russound's RCI program and can only be installed by an Russound Certified Installer. RCI products are not available for sale to end-consumers via the internet

Bluetooth Ready

The MCA-Series controllers include a connection for the optional Russound BTC-1X Bluetooth module. This Bluetooth module can be located up to 300 feet away from the controller allowing the user to connect their smartphone or tablet via Bluetooth within range of the BTC-1X in their living area while the controller is remotely located in another area of the home.

Built-in XStream High Resolution Digital Media Streaming Audio Source

The Russound MCA-88X features built-in XStream technology, enabling popular streaming content from the cloud, home network, AirPlay enabled tablets and phones - all from a single component

The MCA-88x incorporates a built-in XStream audio streamer to offer the best audio from the internet or a user's personal networked audio collection. The XStream module utilizes Audiophile quality Digital to Analog Converters (DACs) that support audio formats up to 24 bit/192 kHz

STEP UP FEATURES

Built-in IR Library with Routed IR Outputs and Additional IR Learning

The MCA-Series controllers offer a built-in IR source database that contains commands to control external sources. The Built-in IR database library offers IR control over a wide variety of sources such as set-top boxes, DVD\Blu-ray players and Tuners.

The MCA-Series controllers are also capable of learning IR codes from sources that may not be in the database

Keypad Options

Each audio zone has its own dedicated RJ45 port on the rear of the controller, for a CAT5 wire to be run from the controller to any keypad locations (MDK-C6 and SLK-1 keypads). If using the high-resolution XTS touchscreen as a control option, the XTS doesn't require a dedicated keypad cable and is instead connected to the home Ethernet network via a CAT5 cable

Intuitive App Control

Russound's MCA-Series controllers and all connected source equipment is easily controllable via the MyRussound app (iOS and Android)



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Key Shared Features

Gold-plated RCA Jacks

All RCA connectors on the are gold-plated, for superior, long-lasting connections

Removable Speaker Terminals

Easy-to-use, removable snap connectors allow an easier wiring job, faster installation and service, guaranteeing a reliable connection that will last for years. Up to 14ga wire can be used with these connectors

Expandable Design

In addition to the zone expansion options, there are also audio expansion options. Additional amplification can be added by using fixed/variable line out connections for zones 1 and 2 of the MCA-66 and for all 8 zones of the MCA-88X to add additional amplification when needed for larger rooms or outdoor areas

Source and Zone Linking Options

Both sources and zones are able to be linked together to give an installer the flexibility to create intuitive audio zones based on their customers' needs for each system

Hi-Res Audio Supported

The built-in streamer of the MCA-88X is designed to support true hi-res audio, up to 24-bit/192 kHz sources.

Cool-running Class D Digital Amplification (MCA-88X only)

The Russound MCA-88X use a high quality Class D amplification for 6 of the 8 zone outputs. Zones 7 and 8 are designed to be used with an external amplifier, perfect for larger rooms or outdoor areas. 40 watts of Class D amplification per channel means that the MCA-88X provides efficient audio reproduction with low distortion levels, lower operating temperature, smaller size, and lower overall product weight

Trusted 2-year Warranty Can Double to 4-year Warranty

Russound MCA-Series controllers offer a generous 2-year limited warranty on all parts and labor. Magnolia customers are looking for a long-lasting product that they can trust for their homes and Russound MCA-Series controllers are ready to meet the challenge. Russound will double the controller's warranty period when the controller is purchased with 2 or more pairs of Russound Acclaim™ loudspeakers. (Speakers and controller must appear on the same invoice)

Control4 Drivers Available

Russound MCA-Series controllers are designed to integrate easily with Control4 systems. Drivers are available at www.russound.com/integration_overview.php and clicking on the Control4 link.

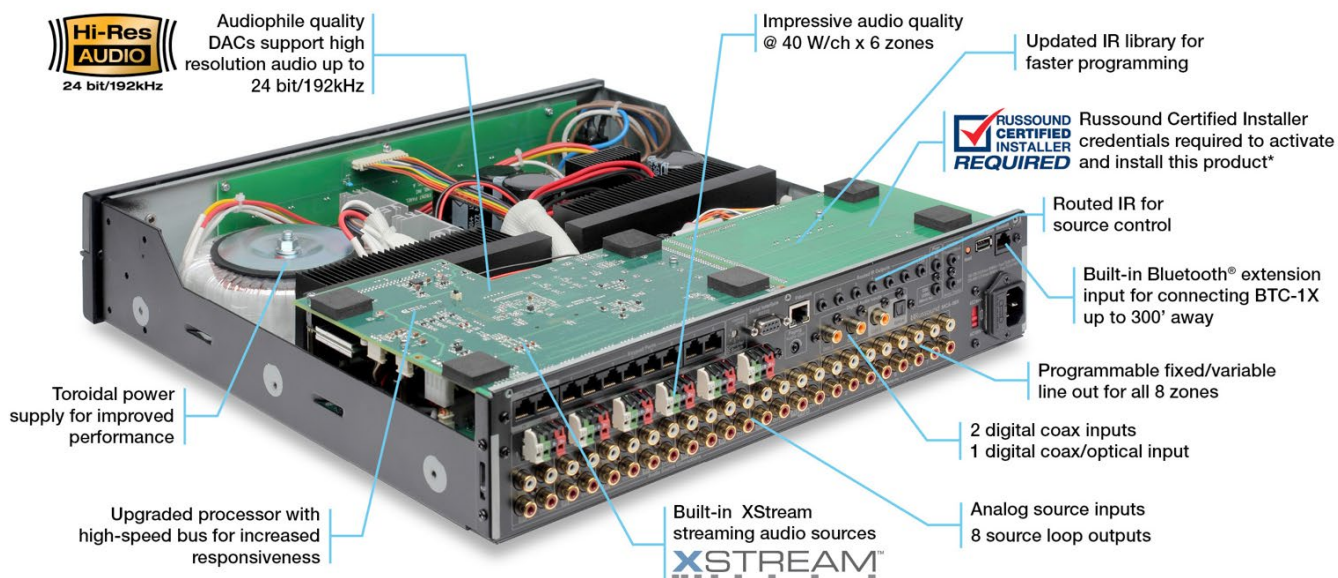




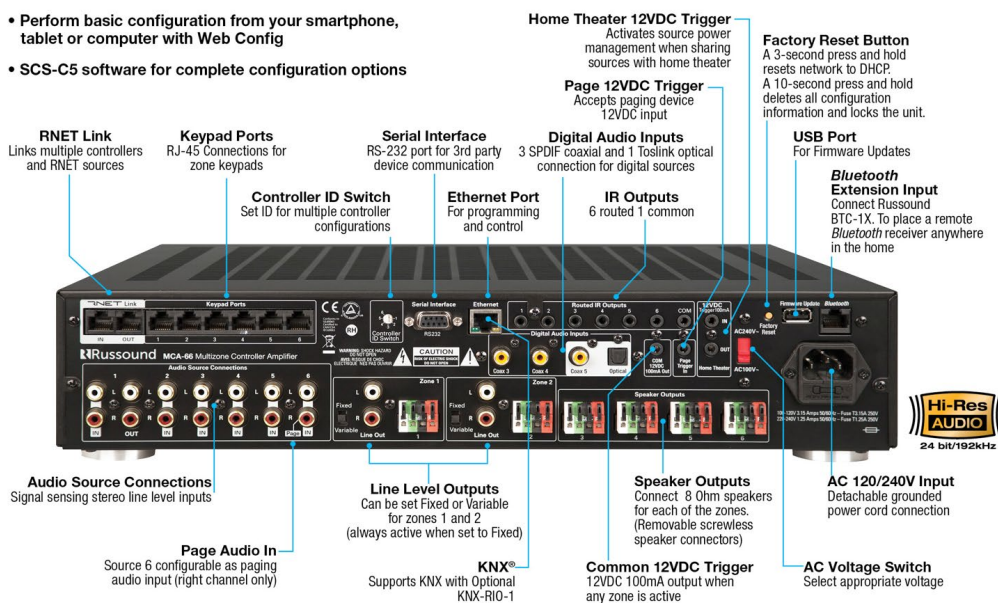
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Product Features



Rear Panel Features





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Product Comparison

General specifications	MCA-88X (4428007)	MCA-66 (4428005)
Suggested Retail Price	\$3,499.00	\$2,299.00
Audio Source Inputs	8 stereo RCA line level, 2 coax, 1 coax/optical (maximum of 8 total inputs)	6 stereo RCA line level, 2 coax, 1 coax/optical (maximum of 6 total inputs)
Audio Zone Outputs	6 speaker level with 8 line level fixed/variable expansion options	6 speaker level with 2 line level fixed/variable expansion options
Maximum Zone Expansion Size	48	36
12v Trigger In/Out	Yes	Yes
Routed IR Output	Yes	Yes
Web Config Options	Yes	Yes
Minimum Required Impedance	8 ohms	8 ohms
Includes XStream Streaming Source	Yes	No
Source Loop Out Options	All 8 Sources	Source 1 only
Wire Gauges Accepted	Up to 14ga	Up to 14ga
Paging Input	Yes	Yes
Dimensions	17" W x 3.75" H x 16.2" D (43.2 x 9.5 x 41.0 cm)	17" W x 3.75" H x 13.5" D (43.2 x 9.5 x 34.3 cm)
Shipping Weight	28.8 lbs (13.1 kg)	19.2 lbs (8.7 kg)
Parts and Labor Warranty	2 years	2 years
Audio specifications		
Output at 8 ohms, Stereo	40W/ch	20W/ch
Minimum Required Impedance	8 ohms	8 ohms
Total Harmonic Distortion	<0.05%	<0.10%
Frequency Response	20Hz to 20kHz +1/-1dB at 1W output into 8 Ohms	20Hz to 20kHz +1/-1dB at 1W output into 8 Ohms
Signal to Noise Ratio	93dB unweighted, 96 dB A-weighted	93dB unweighted, 96 dB A-weighted



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Recommended Accessories



MDK-C6
Multiline Display Keypad
SRP \$419.00
1820028



SLK-1
Single Line Keypad
SRP \$259.00



XTS
In-Wall Touchscreen
SRP \$599.00



USRC
Universal System
Remote Control
SRP \$59.00



MCA-88
8 Source, 8 Zone
Controller Amplifier
SRP \$3,149.00



D850
8 Channel Digital Amplifier
SRP \$999.00
4275400



RSF-620
6.5" Coaxial Speaker
SRP \$229.00 /pair
7263176



RSA-615
6.5" Directional Speaker
SRP \$219.00 /each
7263227



D1650
16 Channel Digital Amplifier
SRP \$1679.00
4275600



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The Story Behind Russound

The Russound Difference from Design to Installation



Our Story

Russound was founded in 1967 in Newmarket, NH. Russound was one of the first companies to embrace multiroom audio and became a leader in the custom installation channel. Over the decades, Russound has sold millions of volume controls and our speaker selectors, amplifiers and multiroom distributed audio systems have become the industry standard. With systems that scale up to homes as large as 48 independent zones of audio, Russound has products that are sure to meet any installation need. While many of Russound's products are hidden from view, our award-winning user interfaces provide elegant, intuitive control options for homeowners to easily access their favorite music from anywhere in their home.

Throughout its rich history, Russound has received many industry awards for product design and has patented several key technologies for the custom installation field. While not a famous brand name to the typical consumer, Russound is one of the best known and trusted brands among audio installation specialists around the world.

The Russound website at www.russound.com has all of the core consumer-level information about our key products, while our Dealer Portal <http://www.russound.com/Portal/> provides access to installation manuals, tech tips, white papers, product imagery, and system wiring diagrams that are of use to any installation professional.