

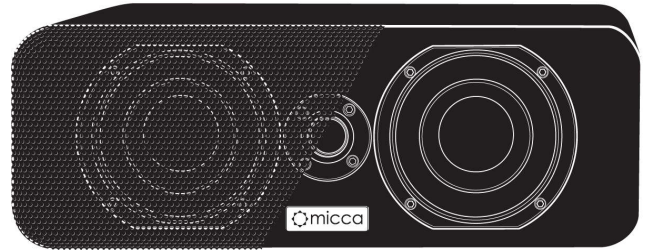


Home Audio Products

Micca RB42-C 4-Inch 2-Way Loudspeaker

Thank you for purchasing the Micca RB42-C Center Channel Speaker! This product has been designed for optimal audio reproduction performance in a variety of home entertainment configurations, with accuracy, clarity, and impact that discerning audiophiles listen for.

Please take the time to become familiar with the RB42-C and the placement options as detailed in this manual.



General Recommendations

Height - For normal listening from a fixed listening area, the RB42-C should ideally be placed at the ear-level of the listener, with the listener comfortably situated in the listening location. If it is not possible to achieve ear-level height, use foam wedges to tilt the speaker up or down to point it to the listener.

Orientation - The RB42-C is designed to work very well whether placed horizontally or vertically. The vertical placement provides better dispersion characteristics, but the horizontal placement is suitable when it is impractical to use the speaker vertically.

Usage-Specific Recommendations

Center Channel Speaker

When used as a center channel speaker, make sure the two front speakers are well matched in timber to the RB42-C. This can be achieved by using a pair of the RB42 bookshelf speakers, or two additional RB42-C speakers as the left and right speakers. Try to place all three left, right, and center speakers close to the same height. Speaker height should be selected so that it is as close to ear level as possible while considering whether listeners will be seated or standing in the listening area.

Stereo Speaker on Stands

When a pair of RB42-C is used vertically with speaker stands, it is important to select speaker stands that place the speakers to the ear level of the listener. Do this by measuring the height of the listener's ear when seated in the listening area, and subtracting 8 inches. For example, if the listener's ear is measured at 36 inches from the floor when seated, select speaker stands that are approximately 28 inches high.

Speaker Wire

The RB42-C should be connected to the amplifier with good quality oxygen-free copper speaker wire for best performance.

The gauge or thickness of the speaker wire can affect the performance of the RB42-C. Always choose a speaker wire of the appropriate gauge to prevent excessive speaker wire resistance. Using undersized speaker wire can result in loss of volume, detail, and dynamic range. Please select speaker wire for the RB42-C based on the following minimum recommendations:

*50' or less - 16 Gauge 2 Conductor
50' - 80' - 14 Gauge 2 Conductor
80'-120' - 12 Gauge 2 Conductor
120'-200' - 10 Gauge 2 Conductor*

Amplifier Connection

Amplifier speaker output terminals are typically color coded with black for negative (-) and red for positive (+). Similarly, the RB42-C has speaker wire terminals with a black and red color coding. When connecting speaker wire, ensure that the positive terminal on the amplifier is connected to the positive terminal on the RB42-C. And similarly, the negative terminal on the amplifier should be connected to the negative terminal on the RB42-C.

Speaker wires typically use at least one of several possible methods to help maintain correct polarity, including color coded insulation or conductor strands, or printing of text and symbols along one side of the wire insulation.

Amplifier Considerations

The RB42-C's impedance varies between 4 to 8 Ohms. Care must be taken to ensure that the amplifier is capable of handling a 4-Ohm load. Some amplifiers have a switch that must be set to select a 4-Ohm compatible operation mode.

RB42-C Specifications

Woofers: Dual 4" Coated Paper Cone with Rubber Surround, Concave Cap, Truncated Frame

Tweeter: 0.75" Silk Dome

Crossover: 18dB/Octave

Enclosure: Ported Cabinet

Freq. Response: 50Hz-20kHz (Typical In-Room)

Impedance: 4-8 Ohms

Sensitivity: 86dB 1W/1M

Power Handling: 15-100 Watts (Each)

Dimensions: 5.2" (H) x 14.8" (W) x 8.3" (D)

Improper amplifier selection or setup may result in permanent damage to the amplifier or speaker.

The RB42-C can be used with amplifiers between 15 to 100 watts per channel as long as reasonable care is exercised. If there is audible distortion, turn down the volume until the distortion goes away. Never allow the speaker and amplifier to play for more than a few seconds when there is audible distortion.

Removing the Grill

The RB42-C has a removable grill that is held in place by four high strength magnets. To remove the grill, carefully pry the grill off from edge until the magnets are fully disengaged. To avoid damaging the speaker drivers, do not touch them either with or without the grill in place.

The RB42-C can be used without the grills installed as long as care is taken to prevent the drivers from damage such as by hard/sharp objects, liquids, pets, or hands. Store the grills in a safe dry place when not in use.

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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