Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Mackie CR4.5

Mackie CR4.5 Creative Reference Powered Studio Monitors User Manual

Model: CR4.5

1. Introduction

The Mackie CR4.5 Creative Reference Powered Studio Monitors are designed to deliver professional-quality sound for various applications, including music production, desktop computing, gaming, and HiFi listening. These active speakers feature a unique tone shaping knob and a location switch to optimize sound for different environments. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your CR4.5 monitors.



Figure 1.1: Mackie CR4.5 Creative Reference Powered Studio Monitors. These monitors are designed for versatile audio applications, offering clear and powerful sound.

2. Safety Information

Please read and follow all instructions carefully before operating the CR4.5 monitors. Retain this manual for future reference. Adhere to all warnings on the product and in the operating instructions. Do not use this apparatus near water or moisture. Clean only with a dry cloth. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. Protect the power cord from being walked on or pinched. Only use attachments/accessories specified by the manufacturer. Unplug this apparatus during lightning storms or when unused for long periods of time. Refer all servicing to qualified service personnel.

3. Package Contents

Verify that all items are present in the package:

- Mackie CR4.5 Powered Studio Monitors (Pair)
- Speaker to Speaker Wire
- 1/8" to RCA Cable
- 1/8" to 1/8" Cable
- Foam Isolation Pads
- Power Cable

4. Product Overview: Controls and Connections

4.1 Front Panel Controls



Figure 4.1: Front Panel Controls of the CR4.5 Powered Speaker.

1. **Tone Control:** Adjusts the overall tonal balance, from a flat studio reference sound to a more enhanced bass and treble response for casual listening.
2. **3.5 mm Headphone Output:** Connect headphones for private listening.
3. **Headphone Level Control:** Adjusts the volume for the connected headphones.
4. **Bluetooth Pairing (BT Models Only):** Button for initiating Bluetooth pairing with compatible devices.

4.2 Rear Panel Connections



Figure 4.2: Rear Panel Connections of the CR4.5 Powered and Passive Speakers.

1. **Stereo 1/4" TRS Inputs:** Balanced inputs for connecting professional audio equipment.
2. **Stereo RCA Inputs:** Unbalanced inputs for connecting consumer audio devices.
3. **Stereo 3.5 mm Input:** Auxiliary input for connecting smartphones, tablets, or other portable devices.
4. **Location Switch:** Optimizes sound based on speaker placement (Desktop or Bookshelf).
5. **Speaker Position Switch:** Designates the powered speaker as either the Left or Right channel.
6. **Passive Speaker Output:** Connects the powered speaker to the passive speaker using the included speaker wire.
7. **Passive Speaker Input:** Receives audio signal from the powered speaker.

5. Setup and Connection

Follow these steps to set up your Mackie CR4.5 monitors:

1. **Placement:** Place the powered speaker (with controls) and the passive speaker on a stable surface, ideally equidistant from your listening position. Ensure proper ventilation around the speakers.
2. **Connect Speakers:** Use the included speaker wire to connect the Passive Speaker Output on the powered speaker to the Passive Speaker Input on the passive speaker. Ensure correct polarity (+ to + and - to -).
3. **Connect Audio Source:**
   - For audio interfaces or professional gear, use 1/4" TRS cables to the TRS inputs.
   - For consumer devices (e.g., CD players, TVs), use RCA cables to the RCA inputs.
   - For mobile devices or computers, use the 3.5 mm input with the appropriate cable.



Figure 5.1: Connecting audio sources to the CR4.5 monitors, including wired and Bluetooth options.

4. **Set Location Switch:** Adjust the Location Switch on the rear panel of the powered speaker based on your setup:

- **Desktop Mode:** For listening up close, typically on a desk.
- **Bookshelf Mode:** For listening at a distance, such as in a living room setup.



Figure 5.2: Adjusting the Location Switch for optimal sound based on speaker placement.

5. **Set Speaker Position Switch:** Use the Speaker Position Switch to designate the powered speaker as the Left or Right channel, depending on your preferred setup.
6. **Power Connection:** Connect the power cable to the powered speaker and then to a wall outlet.

6. Operation

6.1 Powering On/Off

Press the power switch on the rear panel of the powered speaker to turn the monitors on or off.

6.2 Volume Control

Adjust the main volume knob on the front panel of the powered speaker to control the overall output level. Start with a low

volume and gradually increase it to a comfortable listening level.

6.3 Tone Control

The Tone Control knob allows you to shape the sound of your monitors. Turn the knob to adjust the frequency response:

- At its neutral position, the monitors provide a transparent, flat response suitable for critical listening and mixing.
- Turning the knob clockwise gradually boosts the bass and adds high-end sparkle, ideal for immersive gaming, casual music listening, or party environments.



Figure 6.1: Adjusting the Tone Control knob to customize the sound profile.

6.4 Headphone Use

Plug your headphones into the 3.5 mm Headphone Output on the front panel. The speaker output will automatically mute. Use the Headphone Level Control knob to adjust the headphone volume independently.



Figure 6.2: Connecting headphones to the front panel output.

7. Troubleshooting

If you encounter issues with your CR4.5 monitors, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No sound	Power off; incorrect connections; volume too low; source issue.	Ensure power is on; check all cable connections (input, speaker wire); increase volume; verify audio source is playing.
Distorted sound	Input level too high; damaged cable; speaker overload.	Reduce input volume from source; try a different cable; lower speaker volume.
Hum or buzz	Ground loop; unshielded cables; interference.	Ensure all equipment is on the same electrical circuit; use shielded cables; move speakers away from other electronics.
One speaker not working	Speaker wire issue; Speaker Position Switch setting.	Check the speaker wire connection between the powered and passive speaker; verify the Speaker Position Switch is set correctly.

8. Specifications

Detailed technical specifications for the Mackie CR4.5 Studio Monitors:

Model Name: 2056261-00

Speaker Type: Monitor

Speaker Size: 4.5 Inches (Woofer), 1 Inch (Tweeter)

Speaker Maximum Output Power: 50 Watts

Connectivity Technology: RCA, TRS, 3.5mm, (Bluetooth for BT models)

Audio Output Mode: Stereo

Surround Sound Channel Configuration: 2.0

Product Dimensions: 8.25"D x 6.1"W x 8.85"H

Item Weight: 12.37 Pounds

Color: Black with Silver Accents

Power Source: Corded Electric

Control Method: Touch (for tone/volume knobs)

Recommended Uses: Studio Recording, Music Production, Desktop Computer, Gaming, HiFi Listening

Indoor/Outdoor Usage: Indoor

Manufacturer: Mackie

UPC: 810128260022

9. Care and Maintenance

To ensure the longevity and optimal performance of your Mackie CR4.5 monitors, follow these care guidelines:

- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry, lint-free cloth to wipe down the exterior surfaces. Do not use abrasive cleaners, waxes, or solvents.
- **Ventilation:** Ensure that the ventilation openings on the speakers are not blocked. Adequate airflow prevents overheating.
- **Environment:** Avoid exposing the speakers to extreme temperatures, high humidity, or direct sunlight. Keep them away from sources of vibration or dust.

- **Handling:** Handle the speakers with care. Avoid dropping them or subjecting them to strong impacts.

10. Warranty and Support

Mackie CR4.5 Creative Reference Powered Studio Monitors come with a limited warranty. For specific details regarding the warranty period and coverage, please refer to the warranty card included with your product or visit the official Mackie website. For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact Mackie customer support through their official website or the contact information provided in your product documentation. Always provide your product model number (CR4.5 or 2056261-00) and serial number when seeking support.
Visit the Mackie Store on Amazon for more information and products.

© 2025 Mackie. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0DFZW2S9G

More documents and user manuals: **https://manuals.plus/**