

Klipsch R-52C

Klipsch R-52C Center Channel Home Speaker

Instruction Manual

1. INTRODUCTION

The Klipsch R-52C is a powerful and detailed center channel home speaker designed to enhance your home theater audio experience. It delivers clear dialogue and immersive sound, making it an essential component for movies and music.

2. KEY FEATURES

- **Dual 5.25" Spun-Copper IMG Woofers:** Engineered to deliver deep, room-filling bass for impactful audio.
- **1" Aluminum LTS Tweeter with 90x90 Square Tractrix Horn:** Provides crystal-clear high frequencies and precise sound dispersion.
- **Wide Frequency Response:** Covers 89Hz - 21kHz ($\pm 3\text{dB}$) for a full range of sound.
- **High Sensitivity:** Rated at 95dB at 2.83V/1m, ensuring efficient power usage and dynamic sound.
- **Robust Power Handling:** Capable of handling up to 400 watts of peak power.

3. WHAT'S IN THE BOX

Upon unpacking your Klipsch R-52C speaker, please ensure all the following items are present:

- Klipsch R-52C Center Channel Speaker
- Speaker Grill
- Instruction Manual (this document)

4. SETUP

4.1 Placement

For optimal performance, position the Klipsch R-52C center channel speaker directly above or below the center of your television or projection screen. Ensure it is placed on a stable, flat surface. Avoid placing objects directly in front of the speaker that could obstruct sound.



Figure 1: Front view of the Klipsch R-52C Center Channel Speaker, showcasing its dual woofers and horn-loaded tweeter.

4.2 Connections

The R-52C connects to your Audio/Video (AV) receiver using standard speaker wire. Ensure your AV receiver is turned off before making any connections.

1. Identify the speaker terminals on the back of your Klipsch R-52C speaker. These are typically color-coded (red for positive, black for negative).
2. Strip approximately 1/2 inch (1.27 cm) of insulation from the ends of your speaker wire.
3. Connect the positive (+) terminal of the speaker to the positive (+) center channel output on your AV receiver.
4. Connect the negative (-) terminal of the speaker to the negative (-) center channel output on your AV receiver.
5. Ensure all connections are secure to prevent short circuits and ensure optimal sound quality.



Figure 2: Rear view of the Klipsch R-52C Center Channel Speaker, showing the speaker terminals and product dimensions.

5. OPERATING

Once connected, the Klipsch R-52C operates as part of your home theater system, receiving audio signals

from your AV receiver. No direct controls are present on the speaker itself.

- **Volume Control:** Adjust the overall system volume using your AV receiver's remote or controls.
- **Audio Settings:** Utilize your AV receiver's audio setup menu to calibrate speaker levels, distances, and crossover frequencies for the center channel to achieve balanced sound.
- **Grill Usage:** The speaker grill is magnetically attached and can be removed for a different aesthetic preference. Removing the grill does not affect sound quality.

6. MAINTENANCE

Proper care will ensure the longevity and performance of your Klipsch R-52C speaker.

- **Cleaning:** Use a soft, dry cloth to wipe the cabinet and grill. Avoid using abrasive cleaners or solvents.
- **Dust Removal:** A soft brush or a vacuum cleaner with a brush attachment can be used to gently remove dust from the speaker cones and tweeter.
- **Environment:** Keep the speaker away from direct sunlight, excessive heat, and moisture.

7. TROUBLESHOOTING

If you encounter issues with your Klipsch R-52C speaker, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speaker	Loose or incorrect speaker wire connections.	Check and re-secure all speaker wire connections at both the speaker and the AV receiver. Ensure correct polarity (+ to + and - to -).
Distorted or unclear sound	Overdriving the speaker (volume too high). Incorrect AV receiver settings.	Reduce the volume level. Check your AV receiver's speaker setup and calibration settings. Ensure the center channel level is not set too high.
Weak or muffled dialogue	Incorrect center channel level in AV receiver settings. Speaker placement issues.	Increase the center channel level in your AV receiver's settings. Ensure the speaker is positioned optimally and not obstructed.

8. SPECIFICATIONS

Specification	Detail
Model Name	R-52C
Brand	Klipsch
Speaker Type	Center Channel, Woofer
Mounting Type	Floor Standing

Specification	Detail
Material	Wood
Product Dimensions (D x W x H)	7.62"D x 18.75"W x 7.3"H
Item Weight	13.5 Pounds
Woofer Diameter	5.25 Inches (Dual)
Tweeter Diameter	1 Inch
Frequency Response	89Hz - 21kHz (+/- 3dB)
Sensitivity	95dB at 2.83V/1m
Speaker Maximum Output Power	400 Watts (Peak)
Special Feature	2-Way Speaker Design; Linear Travel Suspension Aluminum Tweeter with Kapton Suspension; Spun Copper IMG Woofers
Is Waterproof	FALSE

9. WARRANTY AND SUPPORT

The Klipsch R-52C Center Channel Home Speaker comes with a **Limited Warranty**. For detailed information regarding warranty terms, conditions, and duration, please refer to the warranty card included with your product or visit the official Klipsch website.

For further assistance, technical support, or to explore other Klipsch products, please visit the [Klipsch Store on Amazon](#) or the main Klipsch support portal.