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› Klipsch RF-52 II Reference Series II Floorstanding Loudspeaker User Manual

Klipsch RF-52 II

Klipsch RF-52 II Reference Series II Floorstanding Loudspeaker

USER MANUAL - MODEL: RF-52 II

1. Introduction and Overview

This manual provides essential information for the proper setup, operation, and maintenance of your Klipsch RF-52 II Reference Series II Floorstanding Loudspeaker. Please read this manual thoroughly before using your speakers to ensure optimal performance and longevity.

The Klipsch RF-52 II is a high-performance floorstanding loudspeaker designed to deliver superior sound quality for home audio systems. It incorporates advanced acoustic technologies to provide a rich, dynamic, and immersive listening experience.

2. Key Features

The Klipsch RF-52 II Reference Series II Floorstanding Loudspeaker boasts several key features designed for exceptional audio reproduction:

- **Enhanced 1" Titanium Linear Travel Suspension (LTS) Horn-Loaded Tweeter:** Provides crisp, clear high frequencies with minimal distortion.
- **Dual High-Output 5.25" Cerametallic Woofers:** Delivers powerful and accurate bass response.
- **Tractrix Horn Technology:** Ensures efficient sound delivery, wide dispersion, and improved dynamics.
- **Robust Power Handling:** Capable of handling 100W RMS / 400W Peak power, suitable for a wide range of amplifiers.
- **Durable Cabinet Design:** Features improved cosmetics with black metallic finished baffles and new copper accents for a sophisticated look.

3. Setup and Placement

Proper setup and placement are crucial for achieving the best sound performance from your RF-52 II loudspeakers.

3.1 Unpacking

Carefully remove the speakers from their packaging. Retain all packaging materials for future transport or storage. Inspect

the speakers for any signs of damage during shipping. If damage is found, contact your dealer immediately.

3.2 Speaker Placement

For optimal stereo imaging and soundstage, place the RF-52 II speakers equidistant from your primary listening position and at least 6-12 inches (15-30 cm) from the rear wall. Experiment with toe-in (angling the speakers slightly towards the listening position) to fine-tune the soundstage.

3.3 Connections

Ensure your amplifier or receiver is turned off before making any connections. Use high-quality speaker wire to connect the RF-52 II to your amplifier. Connect the positive (+) terminal on the speaker (red) to the positive (+) terminal on your amplifier, and the negative (-) terminal on the speaker (black) to the negative (-) terminal on your amplifier. Maintain correct polarity for all speakers in your system.



Figure 3.1: Placeholder image. A typical product image would show the Klipsch RF-52 II Floorstanding Loudspeaker, highlighting its front grille, woofers, and tweeter. This image currently indicates no product image is available.

4. Operating Instructions

Once your RF-52 II speakers are properly connected, you can begin enjoying your audio system.

4.1 Initial Power On

After verifying all connections, turn on your amplifier/receiver. Start with the volume at its lowest setting and gradually increase it to a comfortable listening level. Avoid excessively high volumes, especially during the initial break-in period, to prevent potential damage to the speakers or your hearing.

4.2 Amplifier Matching

The RF-52 II speakers are designed to work with a wide range of amplifiers. Ensure your amplifier's power output is within the recommended range for these speakers (100W RMS / 400W Peak). Using an underpowered amplifier can sometimes be more damaging than an overpowered one, as it may lead to clipping and distortion.

4.3 Break-in Period

Like many high-fidelity speakers, the RF-52 II may benefit from a break-in period. This typically involves 50-100 hours of normal listening at moderate volumes. During this time, the speaker components will loosen up, leading to improved bass response and overall sound clarity.

5. Maintenance and Care

To keep your Klipsch RF-52 II speakers in excellent condition and ensure their longevity, follow these simple maintenance guidelines:

- **Cleaning:** Dust the speaker cabinets regularly with a soft, dry cloth. For stubborn marks, use a slightly damp cloth, but avoid excessive moisture. Do not use abrasive cleaners or solvents, as they can damage the finish.
- **Grilles:** The speaker grilles can be removed for cleaning or for a different aesthetic. Handle them carefully to avoid bending or damaging the fabric.
- **Environment:** Avoid placing speakers in direct sunlight or near heat sources, as this can cause fading or damage to the cabinet finish and internal components. Maintain a stable room temperature and humidity.
- **Moving Speakers:** When moving the speakers, lift them carefully from the base. Avoid dragging them, which can damage the feet or the floor.

6. Troubleshooting

If you encounter issues with your Klipsch RF-52 II speakers, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No sound from one or both speakers.	Loose or incorrect speaker wire connections. Amplifier/receiver not powered on or input not selected correctly.	Check all speaker wire connections at both the speaker and amplifier ends, ensuring correct polarity (+ to + and - to -). Verify amplifier is on and correct input is selected.
Distorted or unclear sound.	Volume too high, amplifier clipping. Loose connections. Damaged speaker wire.	Reduce volume. Check speaker wire connections for tightness and ensure no frayed strands are touching. Inspect speaker wire for damage and replace if necessary.
Weak or no bass.	Incorrect speaker polarity. Speaker placement issues.	Double-check speaker wire polarity. Experiment with speaker placement, moving them closer to walls if bass is too weak.

If the problem persists after trying these steps, please contact Klipsch customer support or your authorized dealer for further assistance.

7. Specifications

Detailed technical specifications for the Klipsch RF-52 II Reference Series II Floorstanding Loudspeaker:

Specification	Value
Model	RF-52 II
Speaker Type	Floorstanding Loudspeaker
Tweeter	1" Titanium Linear Travel Suspension (LTS) Horn-Loaded
Woofers	Dual 5.25" Cerametallic
Power Handling (RMS/Peak)	100W RMS / 400W Peak
Product Dimensions (H x W x D)	37.6" H x 6.75" W x 14.25" D
Item Weight	38.5 Pounds
Surround Sound Channel Configuration	1.0
Mounting Type	Floor Standing
Date First Available	February 10, 2015

8. Warranty and Support

For detailed warranty information, please refer to the warranty card included with your product or visit the official Klipsch website. Klipsch provides support for its products through various channels.

If you require technical assistance or have questions regarding your RF-52 II loudspeakers, please contact Klipsch customer support. You can often find support contact information, FAQs, and additional resources on the [Klipsch Brand Store on Amazon](#) or their official website.

Note: No official product videos were available in the provided data for this manual.