

Klipsch 090642071210

Klipsch RF-62 Floorstanding Loudspeaker User Manual

Model: 090642071210

1. INTRODUCTION

Welcome to the user manual for your new Klipsch RF-62 Floorstanding Loudspeaker. This manual provides essential information for the proper setup, operation, and maintenance of your speaker system. Please read this manual thoroughly before connecting and operating your speakers to ensure optimal performance and longevity.

2. PRODUCT OVERVIEW

The Klipsch RF-62 is a high-performance floorstanding loudspeaker designed to deliver exceptional audio quality for both music and home theater systems. It incorporates advanced Klipsch technologies to provide a clear, dynamic, and immersive listening experience.

Key Features:

- **Tractrix Horn Technology:** Features an exclusive Tractrix Horn with improved throat geometry for precise and lifelike sound reproduction.
- **Titanium Tweeter:** Equipped with a 1-inch titanium tweeter and a large ceramic motor structure for clarity and powerful high-frequency response.
- **Cerametallic Woofers:** Utilizes dual 6.5-inch Cerametallic cone woofers with inverted copper dust caps, offering high stiffness-to-mass ratio and excellent damping for robust bass.
- **Rigid Cabinet Design:** The cabinet includes improved internal cross-bracing to minimize panel vibrations and twin rear-firing ports to reduce turbulence noise.
- **High-Quality Crossover:** Features a crossover with premium components and custom internal wiring for signal purity and seamless driver integration.

Components:



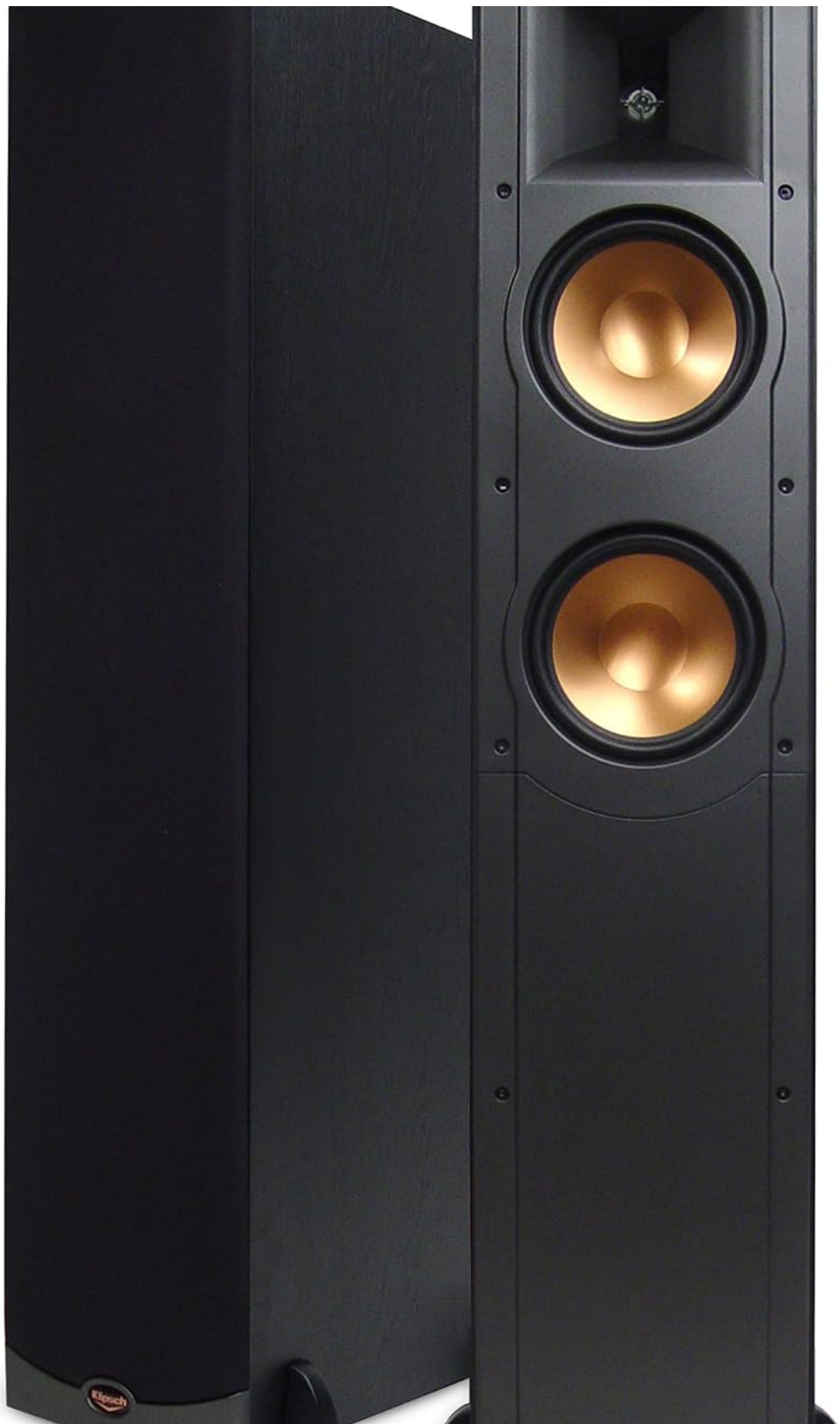




Figure 2.1: Front view of the Klipsch RF-62 Floorstanding Loudspeaker with the grille removed. This image displays the horn-loaded tweeter at the top, followed by two 6.5-inch Cerametallic woofers below it. The speaker features a black finish and is designed for floor placement.

The Klipsch RF-62 speaker consists of a main enclosure housing the tweeter and woofers, and a removable low-diffraction, magnetically attached grille. The rear panel includes connection terminals for speaker wire.

3. SETUP

3.1 Unpacking

Carefully remove the speaker from its packaging. Retain the original packaging materials for future transport or storage. Inspect the speaker for any signs of damage. If damage is present, contact your dealer immediately.

3.2 Placement

Optimal speaker placement is crucial for sound quality. For stereo listening, place the speakers equidistant from the primary listening position and spaced apart to create an equilateral triangle. For home theater, position the RF-62 as your front left and right channels, typically on either side of your television or projection screen.

- Avoid placing speakers directly in corners, as this can overemphasize bass.
- Maintain some distance from walls to allow the rear-firing ports to function effectively.
- Ensure speakers are stable and level on the floor.

3.3 Connecting Speaker Wire

The Klipsch RF-62 requires speaker wire for connection to an amplifier or receiver (speaker wire not included). Use high-quality speaker wire of appropriate gauge for your cable length. Ensure correct polarity (+ to + and – to –) for all connections.

1. Turn off all audio components before making connections.
2. Strip approximately 1/2 inch (12mm) of insulation from the ends of the speaker wire.
3. Twist the bare wire strands tightly.
4. Unscrew the binding posts on the back of the speaker and your amplifier/receiver.
5. Insert the positive (+) wire (often marked red or with a stripe) into the red binding post on both the speaker and the amplifier.
6. Insert the negative (-) wire (often marked black or plain) into the black binding post on both the speaker and the amplifier.
7. Tighten the binding posts securely, ensuring no stray wire strands are touching each other or the opposing terminal.

Incorrect wiring can lead to poor sound quality or damage to your equipment.

4. OPERATING INSTRUCTIONS

4.1 Initial Power-Up

Once all connections are secure, you can power on your amplifier/receiver. Start with the volume at its lowest setting and gradually increase it to a comfortable listening level. The Klipsch RF-62 speakers are designed to handle significant power, but always listen responsibly to avoid hearing damage or speaker damage.

4.2 Break-In Period

Like many high-fidelity speakers, the Klipsch RF-62 may benefit from a break-in period. This typically involves playing music or audio content at moderate volumes for several hours (e.g., 50-100 hours). During this time, the speaker components will settle, potentially leading to improved bass response and overall sound clarity.

4.3 Amplifier Compatibility

The RF-62 has a nominal impedance of 8 ohms compatible and a sensitivity of 97dB. It is designed to be easily driven by a wide range of amplifiers and receivers. Ensure your amplifier's power output is within the recommended range (125W RMS / 500W Peak) to prevent damage to the speakers or amplifier.

5. MAINTENANCE

5.1 Cleaning

To clean the speaker cabinet, use a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used, followed by a dry cloth. Avoid using harsh chemicals, abrasive cleaners, or solvents, as these can damage the finish. The grilles can be gently vacuumed to remove dust.

5.2 General Care

- Keep speakers away from direct sunlight and heat sources.
- Avoid exposing speakers to excessive moisture or humidity.
- Do not place heavy objects on top of the speakers.
- Ensure proper ventilation around the speakers, especially if placed in an enclosed space.

6. TROUBLESHOOTING

If you experience issues with your Klipsch RF-62 speakers, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Sound	Loose or incorrect speaker wire connections. Amplifier/receiver not powered on or input selected incorrectly. Volume too low.	Check all speaker wire connections for proper polarity and tightness. Ensure amplifier/receiver is on and the correct input source is selected. Increase volume gradually.
Distorted Sound	Volume too high, causing amplifier clipping. Loose speaker wire connections. Damaged speaker driver.	Reduce volume. Check speaker wire connections. If distortion persists at low volumes, contact Klipsch support.

Problem	Possible Cause	Solution
Weak Bass	Incorrect speaker polarity. Poor speaker placement. Room acoustics.	Verify correct positive (+) and negative (-) connections. Adjust speaker placement, moving them closer to walls if necessary, but avoid corners. Consider room acoustic treatments.

If the problem persists after attempting these solutions, please contact Klipsch customer support or your authorized dealer.

7. SPECIFICATIONS

The following table details the technical specifications for the Klipsch RF-62 Floorstanding Loudspeaker:

Feature	Detail
Speaker type	Tower
Recommended uses for product	For Home Theater Systems
Compatible devices	Projector, MP3 Player, Laptop, Gaming Console, Television, Desktop, Home Theater
Subwoofer diameter	6.5 Inches (Dual Cerametallic woofers)
Surround sound channel configuration	1.0
Colour	Black
Included components	2 Speakers (per pair)
Item weight	24.5 Kilograms (54 lbs)
Impedance	8 Ohm compatible
Manufacturer	Klipsch
Product Dimensions (H x W x D)	103.1 x 21.6 x 39.4 cm (40.6 x 8.5 x 15.5 inches)
Item model number	090642071210
Power handling	125W RMS / 500W Peak
Frequency response	38Hz-23kHz +/-3dB
Sensitivity	97dB @ 2.83V / 1m
High frequency driver	1" (2.54cm) Titanium diaphragm compression driver mated to 90x60 square Tractrix Horn
High freq crossover	1800Hz
Enclosure type	Bass-reflex via dual rear-firing ports

Feature	Detail
Connectivity technology	Wired
Mounting type	Floor Standing

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Klipsch products are manufactured to high quality standards. For specific warranty terms and conditions applicable to your RF-62 Floorstanding Loudspeaker, please refer to the warranty card included with your product or visit the official Klipsch website. Keep your proof of purchase for warranty claims.

8.2 Customer Support

If you require technical assistance, have questions about your product, or need to arrange for service, please contact Klipsch customer support. Contact information can typically be found on the Klipsch website or on your product's packaging.
For more information, visit the [Klipsch Store on Amazon](#).

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