klipsch RP-5000F II Eby

Klipsch Reference Premiere RP-5000F II Floorstanding Speaker User Manual

Model: RP-5000F II Eby | Brand: Klipsch

Introduction

This manual provides essential information for the setup, operation, and maintenance of your Klipsch Reference Premiere RP-5000F II Floorstanding Speaker. Designed to deliver incredible cinematic sound, these speakers feature advanced acoustic technologies and a refined aesthetic. Please read this manual thoroughly before use to ensure optimal performance and longevity of your product.





Figure 1: Front angled view of the Klipsch RP-5000F II Floorstanding Speaker in Ebony finish.

What's in the Box

- (1) RP-5000F II Floorstanding Speaker
- Dolby Atmos jumper wires (if applicable)

Setup

Speaker Placement

Optimal speaker placement is crucial for sound quality. Position floorstanding speakers equidistant from the primary listening position. For stereo setups, ensure speakers are angled slightly towards the listener (toe-in) for a focused soundstage. Avoid placing speakers directly into corners, which can overemphasize bass.



Figure 2: Example of speaker placement in a home environment.

Connecting Your Speakers

The RP-5000F II speakers feature dual input terminals for bi-wiring or bi-amping capabilities. This allows for separate high and low-frequency current paths, potentially reducing distortion and improving clarity.

1. **Standard Connection:** Use a single pair of speaker wires to connect the main input terminals (usually labeled "Main" or "L/H") to your amplifier or receiver. Ensure positive (+) terminals on the speaker connect to positive (+) terminals on the amplifier, and negative (-) to negative (-).
2. **Bi-wiring/Bi-amping:** If your amplifier supports it, connect separate speaker wires to the high-frequency (HF) and low-frequency (LF) terminals on the speaker. Remove the metal jumpers connecting the HF and LF terminals before bi-wiring/bi-amping.



Figure 3: Rear view of the speaker with input terminals for connection.

Dolby Atmos Integration

These speakers are designed for easy Dolby Atmos integration. Hidden connections on the back allow for seamless attachment of compatible Dolby Atmos elevation speakers (sold separately), reducing wire visibility and enhancing cable management for an immersive sound experience.



Figure 4: Dolby Atmos module integrated on top of the speaker.

Operating Your Speakers

Once connected to your audio receiver or amplifier, your Klipsch RP-5000F II speakers are ready for use. Ensure your receiver/amplifier is powered on and set to the correct input source. Adjust volume levels gradually to avoid sudden loud sounds.

Audio Source Compatibility

These speakers are compatible with a wide range of audio sources, including:

- Audio Receivers
- Amplifiers
- Televisions (via receiver/amplifier)
- Gaming Consoles (via receiver/amplifier)
- Music Players (via receiver/amplifier)

Key Features

Bigger Tractrix Horn

A new, larger 90° x 90° silicone composite hybrid Tractrix horn provides crisper, clearer sound by efficiently transferring high-frequency waves into the listening area. The phase plug and compression molded silicone face ensure smooth frequency response.



Figure 5: Detail of the Tractrix horn design.

Linear Travel Suspension (LTS) Titanium Diaphragm Tweeter

The exclusive 1" Linear Travel Suspension minimizes distortion for enhanced, detailed performance. LTS tweeters are a hallmark of previous Reference Premiere speakers, making it a core component for natural sound reproduction.

Vented Tweeter Design

The vented tweeter housing reduces standing waves that create unwanted harmonics, resulting in enhanced detail and clarity in high-frequency reproduction.

All-New Cerametallic Woofers

Updated for absolutely flawless sound reproduction, minimum distortion, and maximum efficiency, these copper-spun 5.25" Cerametallic woofers are a signature Reference Premiere series speaker feature.



Figure 6: Detail of the Cerametallic woofer.

Tractrix Ports

Utilizing Tractrix geometry, the Reference Premiere ports allow for the most efficient, fastest air transfer from the cabinet for cleaner, more powerful bass, reducing port noise.

Advanced Cabinet Design

Additional bracing and a divided cabinet minimize vibrations, ensuring a cleaner sound. The improved input panel and furniture-grade materials and finishes make this speaker a statement piece for any room.

Removable Grille

The magnetic grille allows for an elegant transition from a powerful showstopper to a discrete performance piece, offering aesthetic flexibility.

Maintenance

To maintain the appearance and performance of your Klipsch RP-5000F II speakers, follow these guidelines:

- **Cleaning:** Dust the cabinet surfaces with a soft, dry cloth. For stubborn marks, use a slightly damp cloth with a mild, non-abrasive cleaner, then wipe dry immediately. Avoid harsh chemicals or abrasive materials.
- **Grille Care:** The magnetic grille can be removed for cleaning. Gently brush off dust or use a lint roller.
- **Environment:** Avoid exposing speakers to direct sunlight, extreme temperatures, or high humidity. Ensure adequate ventilation around the speakers.
- **Handling:** When moving speakers, lift them carefully from the base. Avoid dragging them, which can damage the feet or the floor.

Troubleshooting

Problem	Possible Cause	Solution
No Sound	Incorrect wiring, amplifier off, wrong input selected.	Check all speaker wire connections (positive to positive, negative to negative). Ensure amplifier/receiver is powered on and set to the correct input source.
Distorted Sound	Overdriven amplifier, loose connections, damaged speaker.	Reduce volume. Check all connections for tightness. If distortion persists at low volumes, contact support.
Weak Bass	Incorrect speaker placement, phase issue, room acoustics.	Adjust speaker placement (e.g., closer to walls). Check speaker phase (ensure all speakers are wired correctly). Consider room acoustic treatments.
Static or Buzzing Noise	Interference from other electronics, ground loop, faulty cable.	Move speakers away from other electronic devices. Try different power outlets. Replace speaker cables if damaged.

Specifications

Feature	Detail
Mounting Type	Floor Standing
Material	Wood
Model Name	RP-5000F II Eby
Speaker Type	Tower
Special Feature	Bi-Amping Capability
Recommended Uses For Product	For Televisions
Compatible Devices	Audio Reciever, Amplifiers
Subwoofer Diameter	5.25 Inches
Unit Count	1.0 Count
Controller Type	Corded Electric
Surround Sound Channel Configuration	1

Feature	Detail
Color	Black
Included Components	Speaker
Product Dimensions	14.75"D x 8.15"W x 36.1"H
Item Weight	39 Pounds
Impedance	8 Ohm
Warranty Type	Limited
Number of Items	1
Control Method	Touch
Speaker Size	5.25 Inches
Power Source	Corded Electric
Woofer Diameter	5.25 Inches
Tweeter Diameter	1 Inches
Water Resistance Level	Not Water Resistant
Subwoofer Connectivity Technology	Wired
UPC	743878046403
Manufacturer	Klipsch
First Available Date	May 16, 2022
Country of Origin	USA
Speaker Maximum Output Power	25 Watts
Frequency Response	40 Hz
Connectivity Technology	Wired
Audio Output Mode	Mono

Warranty and Support

Your Klipsch RP-5000F II Floorstanding Speaker comes with a **Limited Warranty**. For specific warranty terms, conditions, and duration, please refer to the warranty card included with your product or visit the official Klipsch website.
For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Klipsch customer service or visit their official support page. You can find more information and contact details on the Klipsch Store on Amazon.

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