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> Klipsch R-51PM Powered Bluetooth Speaker User Manual

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Model: R-51PM | Brand: Klipsch

INTRODUCTION

The Klipsch R-51PM Powered Bluetooth Speaker is a powerful, small form-factor music monster packed with Klipsch acoustics, integrated power, and Bluetooth wireless technology. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your R-51PM speakers.

SETUP

Unboxing and Initial Inspection

Carefully unpack your Klipsch R-51PM speakers and all included accessories. Ensure all components listed in the 'What's in the Box' section are present and undamaged.



The Klipsch R-51PM speakers feature a sleek black finish with exposed copper woofers and horn tweeters when the magnetic grilles are removed.



Included accessories typically consist of a remote control with batteries, a USB cable, a power cord, speaker wire for connecting the two speakers, and rubber feet for placement.

Speaker Placement

For optimal sound performance, place the speakers on a stable, flat surface. Ensure adequate space around the rear ports for proper bass response. The distance from walls can affect bass output.



The R-51PM speakers are designed for versatile placement, suitable for desktop setups, bookshelves, or as part of a home audio system.

Connecting the Speakers

The R-51PM is a powered speaker system, meaning it has built-in amplifiers and does not require an external receiver. Connect the main (right) speaker to a power outlet using the provided power cord. Connect the left speaker to the right speaker using the included speaker wire, ensuring correct polarity (red to red, black to black).



The right speaker houses all the input connections. You can connect various audio sources:

- **USB Digital:** Connect directly to a computer for high-quality digital audio playback.
- **Optical Digital:** Ideal for connecting to TVs, CD players, or other digital audio sources.
- **Analog RCA (Phono/Line):** Use the switch to select between Phono (for turntables with a ground wire connection) or Line (for other analog devices like CD players or preamps).
- **3.5mm Analog Mini Jack (AUX):** For connecting portable devices like smartphones or tablets.
- **Bluetooth Wireless Technology:** For wireless audio streaming from compatible devices.
- **Sub Out:** Connect an optional powered subwoofer for enhanced bass performance.

OPERATION

Power On/Off

To power on the speakers, ensure they are plugged into a power source. The power button is located on the remote control. A small LED indicator on the front of the right speaker will illuminate when powered on.

Input Selection

Use the dedicated input buttons on the remote control (USB, OPT, AUX, PHONO, BT) to switch between connected audio sources. The LED indicator on the right speaker will change color to indicate the active input.

Your browser does not support the video tag.

This video demonstrates the various input options and how to switch between them using the remote control, highlighting the versatility of the Klipsch R-51PM speakers.

Volume Control

Adjust the volume using the Volume Up/Down buttons on the remote control or the volume knob on the rear of the right speaker. For digital connections (USB, Optical), the speaker's volume control will act as the master volume, allowing you to set a maximum level.

Bluetooth Pairing

To pair a Bluetooth device, select the 'BT' input on the remote. The LED indicator will blink, indicating pairing mode. On your device, search for 'Klipsch R-51PM' and select it to connect. Once paired, the LED will turn solid.

Dynamic Bass EQ

The R-51PM features Dynamic Volume, which automatically adjusts bass frequencies to match the human ear's perception at different volume levels. You can also enable or disable a dedicated bass EQ setting by long-pressing the 'SUB' button on the remote control. This feature significantly enhances bass output, especially at lower volumes.

MAINTENANCE

To maintain the performance and appearance of your speakers, regularly wipe them with a dry, soft cloth. Avoid using harsh chemicals or abrasive cleaners. Keep the speakers away from excessive moisture and direct sunlight.

The magnetic grilles can be removed for cleaning or to expose the drivers. Handle the drivers with care to prevent damage.

TROUBLESHOOTING

Issue	Possible Cause	Solution
No Sound	Incorrect input selected; Loose cable connection; Speaker not powered on; Device volume too low.	Verify correct input on speakers and device; Check all cable connections; Ensure speakers are powered on; Increase volume on both speakers and source device.
Bluetooth Disconnection/Pairing Issues	Device too far from speakers; Interference from other devices; Speakers not in pairing mode.	Move device closer to speakers; Turn off other Bluetooth devices; Ensure speakers are in BT pairing mode (blinking LED); Forget device on your phone and re-pair.

Issue	Possible Cause	Solution
Hissing/Static Noise (Bluetooth Mode)	Interference; High gain setting on source device.	This can occur in Bluetooth mode. Try reducing the output volume on your source device and increasing the speaker volume. For critical listening, use a wired connection.
Distorted Sound	Volume too high; Damaged speaker cone; Incorrect source settings.	Reduce volume; Inspect speaker cones for damage; Check audio settings on your source device.

SPECIFICATIONS

Feature	Detail
Model Name	R-51PM
Brand	Klipsch
Speaker Type	Monitor
Connectivity Technology	Wired, Wireless (Bluetooth)
Power Source	Battery Powered (for remote), AC Powered (for speakers)
Speaker Maximum Output Power	120 Watts
Frequency Response	21 KHz
Product Dimensions (HxWxD)	13"H x 7"W x 8.5"D
Item Weight	10.6 Pounds
Woofers Diameter	5.25 Inches
Tweeter Diameter	1 Inches
Bluetooth Range	10 Meters
Included Components	Remote control (with 2 x AAA batteries), 2M USB Type A to Type B cable, Rubber feet, 2M power cord (region specific), 4M speaker wire with soldered tips

WARRANTY AND SUPPORT

The Klipsch R-51PM speakers come with a Limited Warranty. Please refer to the official Klipsch website or the included warranty card for detailed terms and conditions.

For further assistance, technical support, or warranty claims, please visit the official Klipsch support page or contact their customer service.

An official User Manual (PDF) is also available for download: [Download User Manual \(PDF\)](#)