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Klipsch R-8SW

Klipsch Reference R-8SW Surround Subwoofer User Manual

Model: R-8SW | Brand: Klipsch

INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your Klipsch Reference R-8SW Surround Subwoofer. Please read through this guide carefully to ensure optimal performance and longevity of your device.

The Klipsch Reference R-8SW features a Spun Copper IMG Woofer. Injection Molded Graphite (IMG) woofers are exceptionally light while being extremely rigid – providing remarkable low frequency response, with minimal cone breakup and distortion.

Its compact cabinet design allows for discrete, flexible placement without sacrificing cinematic and detailed low frequencies.

The built-in all-digital amplifier delivers ample power with high efficiency and true-to-source accuracy in reproduction. The high performance down-firing driver provides deep bass and placement flexibility.

Low Pass Crossover and Phase Control allow you to blend the subwoofer's low-frequency tones with other Klipsch speakers as well as establish the ideal level of bass.

Line/LFE Inputs ensure compatibility with old and new receivers.

MDF Cabinets with Brushed Polymer Veneer Finish offer a contemporary aesthetic with absolute durability that results in a seamless integration into any décor.

A Front-Mounted LED Power Indicator lets you know when the system is on or off.

KEY FEATURES

- **Rich, immersive bass:** Delivers powerful and deep low-frequency sound.
- **Compact design:** Allows for discrete and flexible placement in various room configurations.
- **Spun copper IMG woofer:** Provides remarkable low-frequency response with minimal distortion due to its lightweight and rigid construction.
- **All-digital amplifier:** Ensures efficient power delivery and accurate sound reproduction.
- **Down-firing driver:** Enhances bass performance and offers versatile placement options.
- **Low Pass Crossover and Phase Control:** For seamless integration with other speakers and precise bass tuning.
- **Line/LFE Inputs:** Ensures broad compatibility with both older and newer audio receivers.

- **MDF Cabinets with Brushed Polymer Veneer Finish:** Offers a durable and aesthetically pleasing design that blends with any decor.
- **Front-Mounted LED Power Indicator:** Provides clear indication of the subwoofer's power status.

SETUP GUIDE

Proper setup is crucial for optimal performance of your Klipsch R-8SW subwoofer. Follow these steps for initial installation.

Unpacking and Placement

Carefully remove the subwoofer from its packaging. Due to its compact design and down-firing driver, the R-8SW offers flexible placement options. Consider placing it in a corner or near a wall for enhanced bass response. Ensure there is adequate ventilation around the unit.



Image: Front view of the Klipsch R-8SW subwoofer, showcasing its sleek black design and the Klipsch branding.



Image: The underside of the Klipsch R-8SW subwoofer, revealing the powerful 8-inch spun copper IMG woofer and the stable support feet.

Connections

Connect the subwoofer to your audio receiver using the appropriate Line/LFE inputs. For optimal performance, use a dedicated subwoofer cable. Ensure all connections are secure before powering on the unit.



Image: Rear panel of the Klipsch R-8SW subwoofer, displaying the various input/output ports and control knobs for fine-tuning audio settings.

For detailed connection diagrams and advanced setup configurations, please refer to the official User Manual PDF linked in the Support section.

OPERATING INSTRUCTIONS

Once connected, you can power on your subwoofer. The front-mounted LED indicator will illuminate when the unit is active. Use the Gain, Low Pass, and Phase controls on the rear panel to adjust the subwoofer's output to seamlessly blend with your main speakers and room acoustics.

- **Gain Control:** Adjusts the overall volume level of the subwoofer. Start with a low setting and gradually increase until the bass output is balanced with your main speakers.
- **Low Pass Crossover:** Determines the highest frequency the subwoofer will reproduce. Set this based on the low-frequency capabilities of your main speakers.
- **Phase Control:** Adjusts the phase of the subwoofer's output relative to your main speakers. Experiment with 0° and 180° settings to find the one that provides the most impactful and coherent bass.

For optimal sound, it is recommended to perform a calibration using your receiver's auto-calibration feature, if available, or by manually adjusting the controls while listening to various audio content.

MAINTENANCE

To ensure the longevity and performance of your Klipsch R-8SW subwoofer, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the cabinet. Avoid using abrasive cleaners or solvents, as they may damage the finish.
- **Placement:** Keep the subwoofer away from direct sunlight, heat sources, and excessive moisture. Ensure proper ventilation to prevent overheating.
- **Connections:** Periodically check all cable connections to ensure they are secure and free from corrosion.

TROUBLESHOOTING

If you encounter issues with your subwoofer, refer to the common troubleshooting tips below:

Problem	Possible Cause	Solution
No Sound	Power not connected; Input cables loose; Subwoofer not powered on.	Check power cable and outlet; Securely connect input cables; Ensure power switch is ON and LED is illuminated.
Weak or Distorted Bass	Gain too low; Incorrect crossover setting; Incorrect phase setting; Poor placement.	Increase Gain; Adjust Low Pass Crossover; Toggle Phase (0°/180°); Experiment with different placement locations.
Humming Noise	Ground loop issue; Loose connections.	Try plugging into a different outlet; Ensure all cables are securely connected; Consider a ground loop isolator if persistent.

If problems persist, consult the full user manual or contact Klipsch customer support.

SPECIFICATIONS

Model Name: Reference

Speaker Type: Subwoofer

Mounting Type: Floor Standing

Subwoofer Diameter: 8 Inches

Speaker Maximum Output Power: 150 Watts

Frequency Response: 20 KHz

Connectivity Technology: RCA

Audio Output Mode: Surround

Item Weight: 15 Pounds

Product Dimensions: 11.75 x 11.75 x 13.25 inches

Manufacturer: Klipsch

UPC: 743878031249

Item Model Number: R-8SW

Power Source: Corded Electric

Control Method: Remote (Note: While listed, primary controls are on unit)

Water Resistance Level: Not Water Resistant

WARRANTY AND SUPPORT

Your Klipsch R-8SW Surround Subwoofer comes with a **Limited Warranty**. For specific terms and conditions, please refer to the warranty documentation included with your product or visit the official Klipsch website.

For comprehensive instructions, detailed diagrams, and further assistance, please download the official User Manual (PDF): [Klipsch R-8SW User Manual \(PDF\)](#)

For customer support, please visit the [Klipsch Store on Amazon](#) or their official website.