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Klipsch R-5800-W II

Klipsch R-5800-W II In-Wall Speaker Instruction Manual

Model: R-5800-W II | Brand: Klipsch

INTRODUCTION

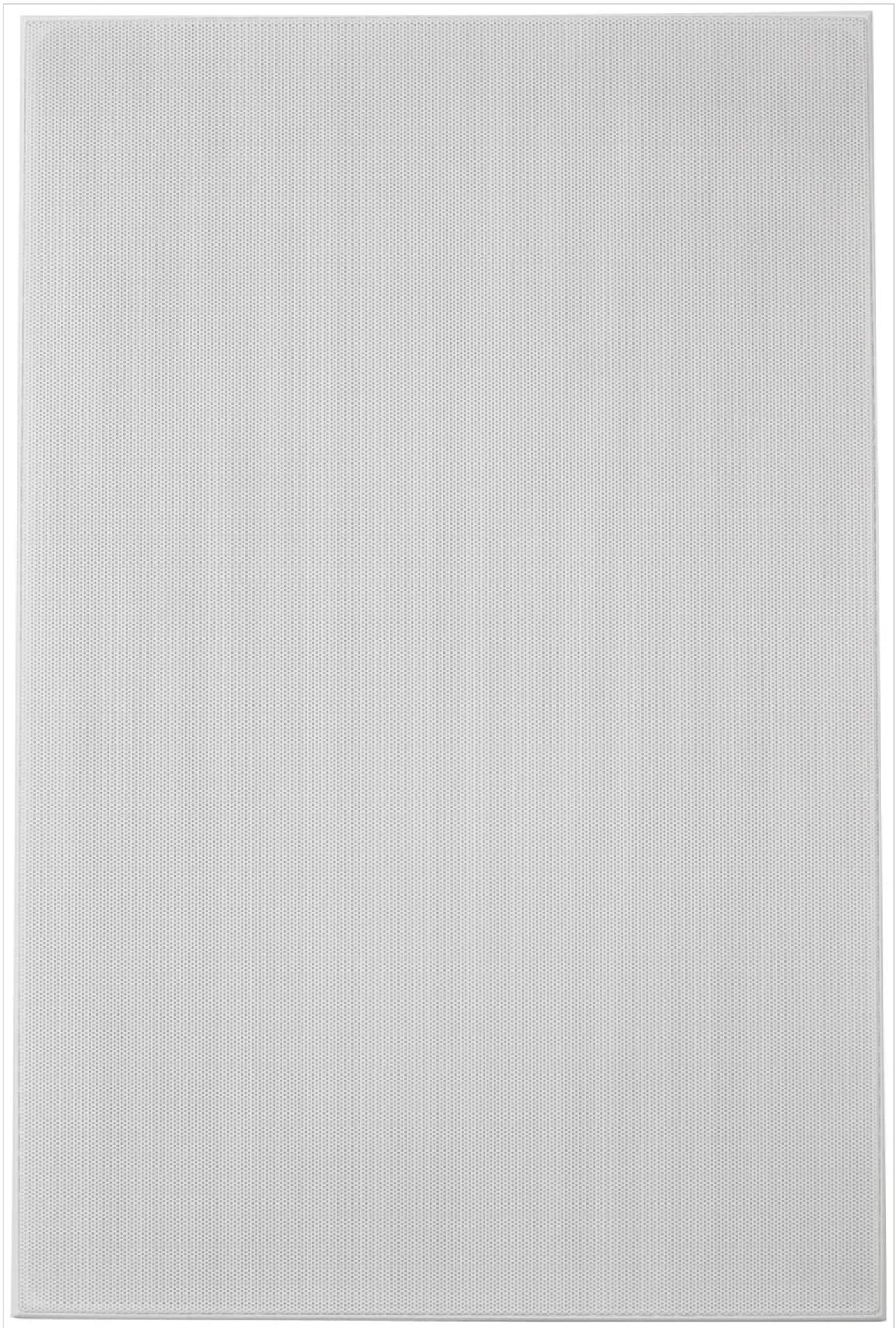
The Klipsch R-5800-W II In-Wall Speaker is designed to deliver high-quality audio performance while seamlessly integrating into your living space. This manual provides essential information for the proper setup, operation, and maintenance of your speaker to ensure optimal performance and longevity.

SETUP

Proper installation is crucial for the performance of your in-wall speakers. The Klipsch R-5800-W II is designed for straightforward installation into drywall.

Speaker Grille Installation and Painting

The speaker features a magnetic grille that can be easily attached or removed. This grille is also paintable, allowing you to match it to your wall color for a truly integrated look. To remove the grille, gently pull it away from the speaker frame. For painting, ensure the grille is clean and dry, then apply paint evenly. Allow it to dry completely before reattaching.



Front view of the Klipsch R-5800-W II In-Wall Speaker with its white magnetic grille attached, designed for seamless integration into wall surfaces.



The Klipsch R-5800-W II In-Wall Speaker shown with its magnetic grille partially removed, revealing the copper-colored woofer and horn-loaded tweeter.

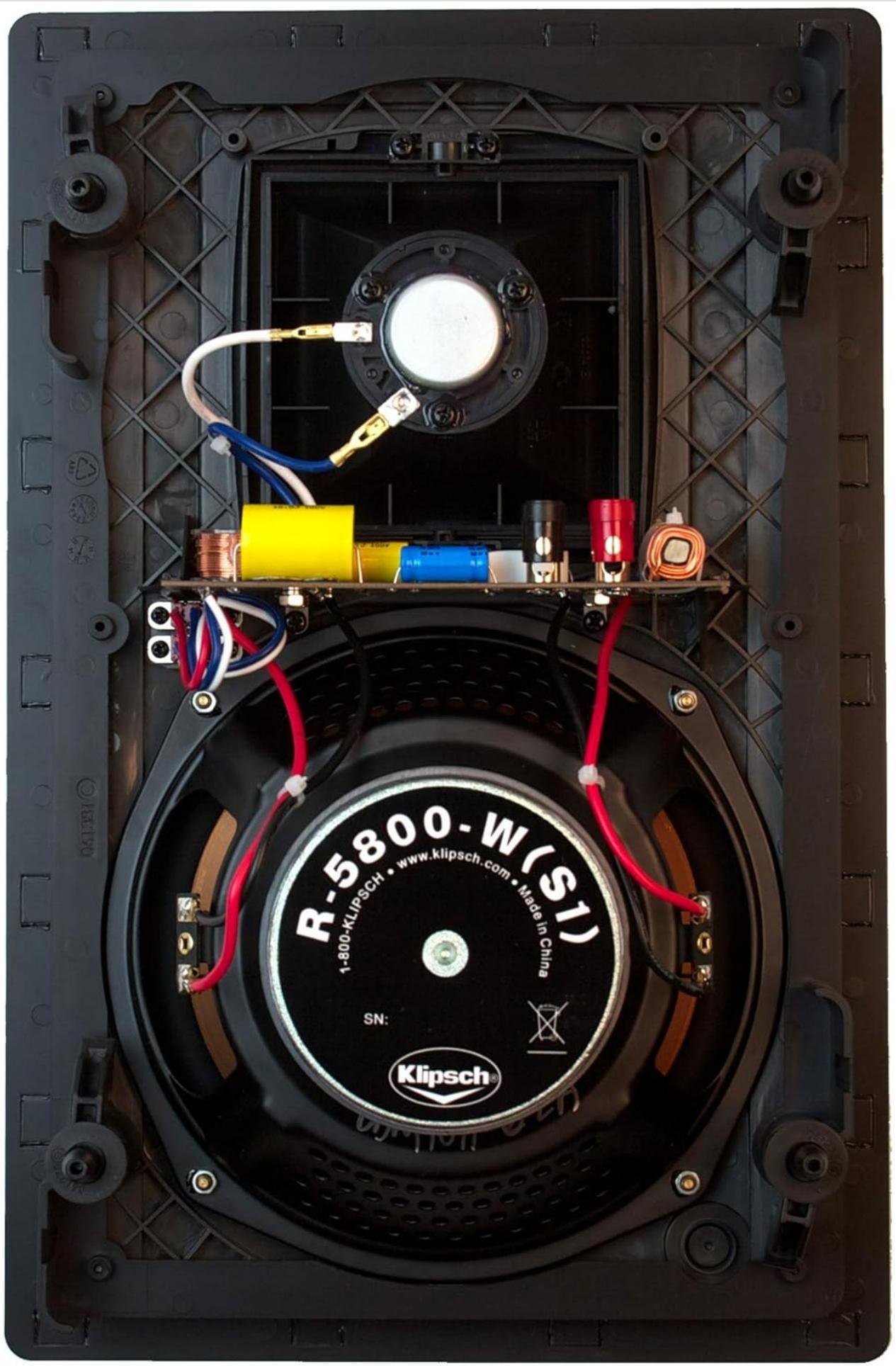


Front view of the Klipsch R-5800-W II In-Wall Speaker with the magnetic grille completely removed, showcasing the 8-inch Cerametallic cone woofer and the 1-inch Titanium dome compression driver with a Tractrix Horn.

Mounting and Wiring

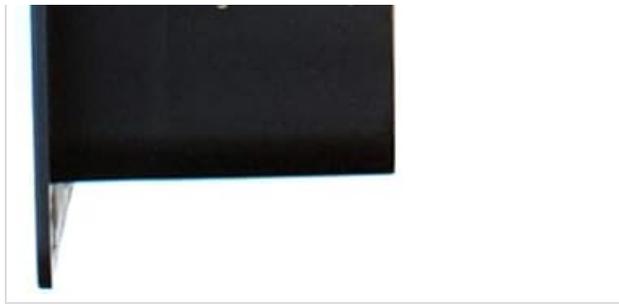
The speaker is designed for wall-mount installation. It utilizes a clamping mechanism that secures the speaker to the drywall. Simply insert the speaker into the cutout and tighten the clamps from the front. Ensure adequate space around the cutout, especially near studs, for the clamps to fully engage.

Connect your speaker wires to the terminals on the back of the speaker. Ensure correct polarity (positive to positive, negative to negative) for optimal sound performance. The speaker is passive and requires an external amplifier for operation.



Rear view of the Klipsch R-5800-W II In-Wall Speaker, highlighting the speaker terminals, the Klipsch branding, and the robust clamping mechanisms used for secure in-wall installation.





Side profile of the Klipsch R-5800-W II In-Wall Speaker, illustrating its shallow mounting depth and the internal components, including the crossover network.

OPERATING

The Klipsch R-5800-W II is designed to be part of a larger home audio system. It functions as a single channel speaker (1.0 configuration) and is ideal for front, rear, or surround sound applications within a multi-channel setup.

System Integration

This speaker is compatible with various audio receivers and amplifiers. For optimal performance, ensure your receiver is properly configured for the number and type of speakers in your setup (e.g., 5.1.2 for a system with two overhead speakers). Many modern receivers offer automatic calibration features that can optimize sound settings based on your room acoustics and speaker placement.

Sound Customization

Your audio receiver will allow you to adjust various sound parameters, including speaker distance, individual speaker levels, and equalization. These adjustments help fine-tune the audio output to your personal preferences and room characteristics. Advanced audio technologies like Dolby Atmos can further enhance the immersive sound experience by creating a three-dimensional soundstage.

MAINTENANCE

To maintain the performance and appearance of your Klipsch R-5800-W II In-Wall Speaker, follow these simple guidelines:

- **Cleaning:** Gently wipe the speaker grille and frame with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners, as they may damage the finish.
- **Dust Removal:** Use a soft brush or a vacuum cleaner with a brush attachment to remove dust from the grille.
- **Environmental Conditions:** Ensure the speaker is installed in a dry environment, as it is not waterproof. Avoid extreme temperatures or humidity.

TROUBLESHOOTING

If you encounter issues with your Klipsch R-5800-W II In-Wall Speaker, consider the following troubleshooting steps:

- **No Sound:** Check all speaker wire connections at both the speaker and the amplifier/receiver. Ensure correct polarity. Verify that the amplifier/receiver is powered on and set to the correct input source.
- **Distorted Sound:** Reduce the volume level on your amplifier/receiver. Check speaker wire connections for any loose strands or short circuits. Ensure the amplifier's power output is within the recommended

range for the speaker.

- **Uneven Sound:** Check the balance settings on your amplifier/receiver. Ensure all speakers are connected and functioning.
- **Poor Bass/Treble:** Adjust the tone controls (bass/treble) on your amplifier/receiver. For systems with a subwoofer, ensure the subwoofer is properly connected and its level is adjusted.

If the issue persists after performing these checks, consult your amplifier/receiver's manual or contact Klipsch customer support.

SPECIFICATIONS

Specification	Detail
Model Name	R-5800-W II
Speaker Type	In-Wall (Suitable for Indoor Use)
Woofer Diameter	8 Inches (Cerametallic cone)
Tweeter Diameter	1 Inches (Titanium dome compression driver with Tractrix Horn)
Impedance	8 Ohm
Speaker Maximum Output Power	100 Watts
Product Dimensions (D x W x H)	3.8"D x 9.3"W x 14.8"H
Item Weight	7.9 Pounds
Color	White
Mounting Type	Wall Mount

WARRANTY AND SUPPORT

The Klipsch R-5800-W II In-Wall Speaker comes with a **Limited Warranty**. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Klipsch website. For technical support, troubleshooting assistance, or service inquiries, please contact Klipsch customer support through their official channels. Online resources, including FAQs and product manuals, may also be available on the Klipsch website.

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