

Klipsch R-110SW

Klipsch R-110SW Subwoofer Instruction Manual

Model: R-110SW

INTRODUCTION

The Klipsch R-110SW Subwoofer is designed to deliver powerful, clean, and deep bass, enhancing your home audio entertainment experience. This manual provides essential information for setting up, operating, and maintaining your subwoofer to ensure optimal performance and longevity.

WHAT'S IN THE BOX

Upon unpacking your Klipsch R-110SW Subwoofer, please ensure all items are present:

- Klipsch R-110SW Subwoofer Unit
- Power Cord
- Grille (pre-installed or separate)



Image: Front view of the Klipsch R-110SW Subwoofer with its protective grille installed.

KEY FEATURES

The Klipsch R-110SW Subwoofer incorporates advanced technology for superior bass performance:

- **10" Spun-Copper Cerametallic Woofer:** Provides exceptional low-frequency response with minimal cone breakup.
- **All-Digital Amplifier:** Delivers 450 watts of dynamic power for robust and accurate bass.
- **Front-Firing Slot Port:** Features exclusive internal flare technology for reduced port noise and enhanced bass extension.
- **L/R Line-Level/LFE RCA Inputs:** Ensures compatibility with a wide range of receivers and home theater systems.
- **Optional Klipsch WA-2 Wireless Subwoofer Kit:** Allows for simple wireless connection (kit sold separately).



Image: Front view of the Klipsch R-110SW Subwoofer with the grille removed, showcasing the spun-copper Cerametallic woofer.

SETUP

Proper placement and connection are crucial for optimal subwoofer performance.

Placement

Subwoofer placement can significantly impact bass quality. Experiment with different locations in your room. Generally, placing the subwoofer in a corner can increase bass output, while placing it along a wall can provide a more balanced sound. Avoid placing it directly against a wall if possible, to prevent excessive boominess.

Connections

1. **Power Connection:** Connect the provided power cord to the AC input on the rear of the subwoofer and then to a wall outlet.
2. **Audio Connection (LFE Input):** For most home theater receivers, connect a single RCA cable from the receiver's LFE output to the LFE input on the subwoofer.
3. **Audio Connection (Stereo RCA Inputs):** If your receiver does not have an LFE output, connect stereo RCA cables from your receiver's pre-out (subwoofer or stereo) to the L/R LINE IN inputs on the subwoofer.

4. **Wireless Connection (Optional):** If using the Klipsch WA-2 Wireless Subwoofer Kit, follow the instructions provided with the kit for installation and pairing.



Image: Rear panel of the Klipsch R-110SW Subwoofer, showing the power input, LFE/Line-in RCA inputs, and control knobs for gain, low-pass filter, and phase.

OPERATING

Once connected, adjust the subwoofer settings for optimal sound integration with your main speakers.

Power On/Off

The subwoofer features an auto-standby mode. When set to 'AUTO', the subwoofer will automatically turn on when it detects an audio signal and enter standby mode after a period of inactivity. You can also manually set it to 'ON' for continuous operation or 'OFF' to power down completely.

Controls

- **GAIN (Volume):** Adjust this knob to match the subwoofer's output level with your main speakers. Start with a low setting and gradually increase until the bass blends seamlessly with your system.
- **LOW-PASS FILTER (Crossover):** This control determines the highest frequency the subwoofer will reproduce. Set it to a point slightly above the lowest frequency your main speakers can reproduce. A common starting point is 80Hz. If using a receiver with LFE output, this setting is often bypassed, and the receiver manages the crossover.
- **PHASE (0°/180°):** This switch helps to acoustically match the subwoofer's output to your main speakers. Experiment with both settings to find the one that provides the most impactful and cohesive bass.

MAINTENANCE

To keep your Klipsch R-110SW Subwoofer in excellent condition:

- **Cleaning:** Use a dry, soft cloth to clean the cabinet. Avoid abrasive cleaners or solvents.
- **Grille Care:** The grille protects the woofer. If removed, store it safely to prevent damage.
- **Environment:** Ensure the subwoofer is placed in a well-ventilated area, away from direct sunlight, heat sources, and excessive moisture.

TROUBLESHOOTING

If you encounter issues with your subwoofer, refer to the following common solutions:

- **No Sound:**
 - Check power connections and ensure the subwoofer is plugged into a live outlet.
 - Verify the power switch is in the 'ON' or 'AUTO' position.
 - Ensure audio cables are securely connected to both the subwoofer and your receiver.
 - Confirm your receiver's subwoofer output is enabled and volume is not muted.
- **Distorted or Boomy Sound:**
 - Reduce the GAIN (volume) control on the subwoofer.
 - Adjust the LOW-PASS FILTER (crossover) to a lower frequency.
 - Experiment with the PHASE switch (0° or 180°).
 - Try repositioning the subwoofer in the room.
- **Subwoofer Not Turning On Automatically:**
 - Ensure the power switch is set to 'AUTO'.
 - Increase the GAIN control on the subwoofer or the subwoofer output level on your receiver to ensure a strong enough signal for auto-detection.

SPECIFICATIONS

Brand	Klipsch
Model Number	R-110SW
Speaker Maximum Output Power	400 Watts
Connectivity Technology	RCA

Audio Output Mode	Surround
Mounting Type	Tabletop Mount
Enclosure Material	Copper
Subwoofer Diameter	10 Inches
Item Dimensions (D x W x H)	15.8"D x 14.8"W x 16.3"H
Item Weight	47.3 Pounds
Power Source	Corded Electric



Image: Diagram showing the dimensions of the Klipsch R-110SW Subwoofer.

WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official Klipsch website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

