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Mackie SR18S

Mackie SR18S 18-inch 1600-watt Professional Powered Subwoofer User Manual

Model: SR18S

Introduction

This manual provides essential information for the safe and effective operation of your Mackie SR18S 18-inch 1600-watt Professional Powered Subwoofer. The SR18S is engineered to deliver powerful low-end performance, making it an ideal complement for professional PA systems in various live sound applications.



Figure 1: Front view of the Mackie SR18S 18-inch Powered Subwoofer, showcasing its robust grille and sleek design.

Safety Information

Always read and follow all instructions carefully before operating the subwoofer. Retain this manual for future reference. Observe all warnings on the product and in the operating instructions.

- **Power Source:** Connect the unit only to a power supply of the type described in the operating instructions or as marked on the product.
- **Ventilation:** Ensure proper ventilation. Do not block any ventilation openings.
- **Water and Moisture:** Do not use this apparatus near water or expose it to dripping or splashing.
- **Heat:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Grounding:** Do not defeat the safety purpose of the polarized or grounding-type plug.
- **Servicing:** Refer all servicing to qualified service personnel.

Key Features

The Mackie SR18S subwoofer is equipped with features designed for optimal audio performance and versatility:

- **1600W Powered Subwoofer:** Delivers robust and clear low-frequency sound.

- **18-inch Woofer:** Provides deep and impactful bass response.
- **2 Full-range/2 Highpassed Outputs:** Offers flexible connectivity options for various sound systems.
- **Custom Voicing Presets:** Allows for quick optimization of sound characteristics to suit different environments and applications.
- **Stereo/Mono Summing:** Provides adaptability for different input signal configurations.
- **Variable Crossover:** Enables precise control over the frequency range, ensuring seamless integration with full-range speakers.

Setup

Proper setup is crucial for maximizing the performance of your SR18S subwoofer. Follow these steps for initial installation:

1. **Placement:** Position the subwoofer on a stable, flat surface. The SR18S is designed for floor mounting. Consider room acoustics and desired bass dispersion when choosing a location.
2. **Power Connection:** Ensure the subwoofer's power switch is in the OFF position. Connect the AC power supply cable to the subwoofer's power inlet and then to a grounded electrical outlet.
3. **Audio Input Connection:** Use XLR cables to connect your audio source (e.g., mixer, audio interface) to the SR18S's input jacks. The subwoofer supports XLR wired connections.
4. **Audio Output Connection:** If connecting full-range speakers through the subwoofer, use XLR cables from the SR18S's high-passed or full-range outputs to your main speakers.



Figure 2: Rear panel of the Mackie SR18S, illustrating the various input, output, and control connections for system integration.

Operating Instructions

Once the subwoofer is set up, you can begin operation. Familiarize yourself with the controls for optimal sound:

1. **Power On:** Flip the power switch to the ON position. The power indicator light will illuminate.
2. **Gain Control:** Adjust the gain knob to match the input signal level from your audio source. Start with a low setting and gradually increase.
3. **Variable Crossover:** Use the variable crossover control to set the upper frequency limit of the subwoofer. This ensures a smooth transition between the subwoofer and your main speakers. Adjust this based on the frequency response of your main speakers.
4. **Voicing Presets:** Select from the available custom voicing presets to tailor the subwoofer's sound character to your specific application (e.g., live music, DJ, speech).
5. **Stereo/Mono Summing:** Configure the input summing as needed for your audio setup.



Figure 3: Front view of the Mackie SR18S, showing the illuminated power indicator, signifying operational status.

Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your SR18S subwoofer:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the subwoofer. Do not use abrasive cleaners or solvents.
- **Ventilation:** Periodically check that all ventilation openings are clear of dust and debris to prevent overheating.
- **Storage:** When not in use for extended periods, store the subwoofer in a dry, cool environment, ideally in its original packaging or a protective cover.
- **Cable Inspection:** Regularly inspect all power and audio cables for any signs of damage or wear. Replace damaged cables immediately.

Troubleshooting

If you encounter issues with your SR18S subwoofer, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Sound Output	Power not connected or switched on; input signal too low; faulty cables.	Check power connection and switch; increase gain; verify audio cable connections and integrity.
Distorted Sound	Input signal too high (clipping); incorrect gain setting; damaged speaker.	Reduce input signal level; adjust gain appropriately; if distortion persists, contact support.
Subwoofer Overheating	Blocked ventilation; prolonged high-volume operation.	Ensure clear ventilation openings; reduce volume or allow unit to cool down.

If the problem persists after attempting these solutions, please contact Mackie customer support.

Specifications

Detailed technical specifications for the Mackie SR18S 18-inch 1600-watt Professional Powered Subwoofer:

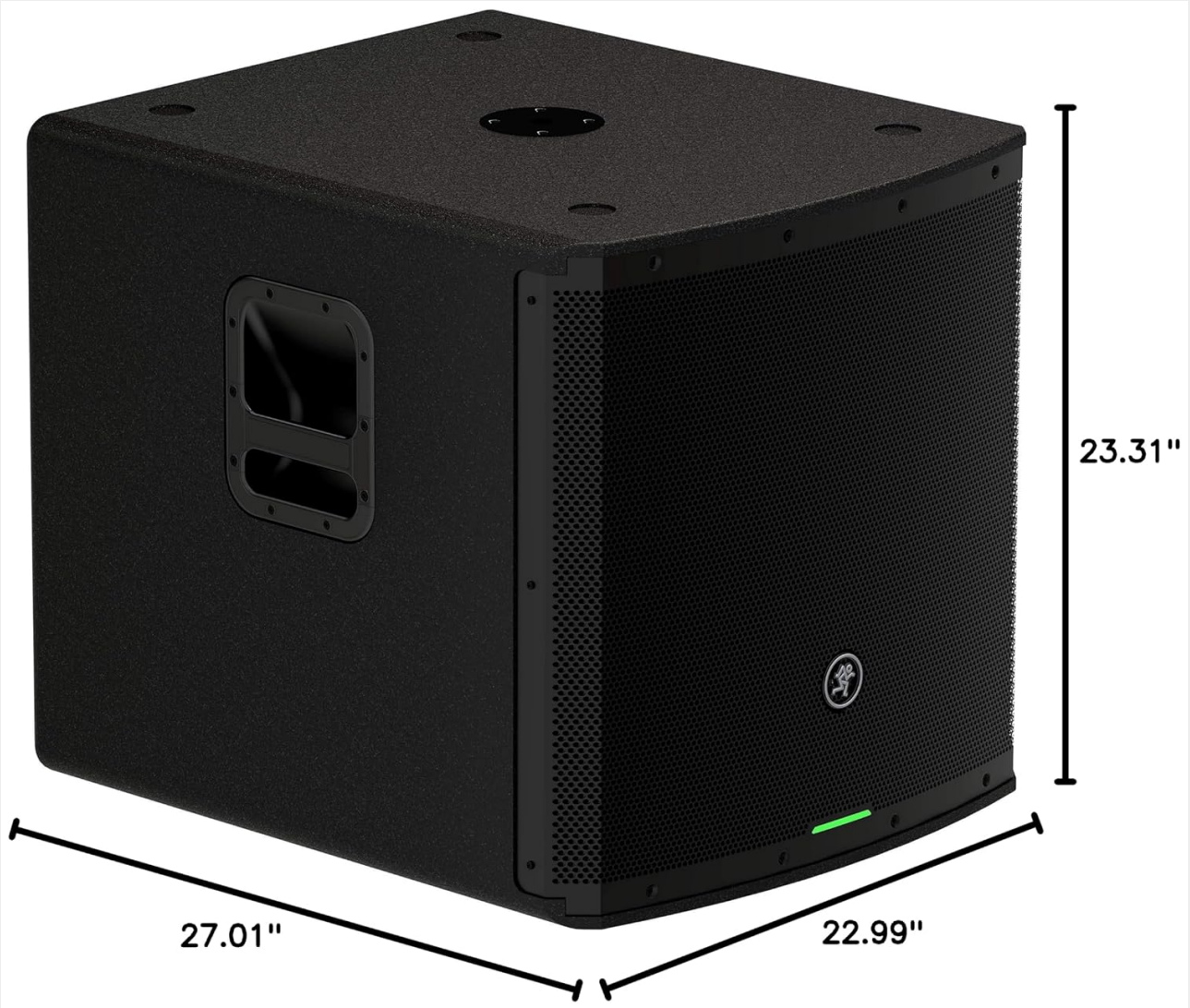


Figure 4: Dimensions of the Mackie SR18S 18-inch Powered Subwoofer, indicating its physical size for placement and transport (approx. 27.01"D x 22.99"W x 23.31"H).

Model Name: Mackie SR18S, 18-Inch 1600W Professional Powered Subwoofer

Speaker Type: Subwoofer

Mounting Type: Floor Mount

Speaker Maximum Output Power: 1600 Watts

Subwoofer Diameter: 18 Inches

Frequency Response: 200 Hz (upper limit, adjustable via crossover)

Connectivity Technology: XLR (wired connection)

Audio Output Mode: Stereo

Product Dimensions (D x W x H): 23.5"D x 68.58"W x 32"H

Item Weight: 87.65 Pounds

Color: Black

Included Components: 18" 1600W Professional Powered Subwoofer, Mackie 3 Year Electronics & 2 Year Drivers Limited Warranty

Warranty and Support

Your Mackie SR18S subwoofer comes with a limited warranty:

- **Electronics Warranty:** 3 Years Limited Warranty
- **Drivers Warranty:** 2 Years Limited Warranty

For detailed warranty terms and conditions, please refer to the official Mackie documentation included with your product. For technical support or service inquiries, please visit the official Mackie website or contact their customer service department.
A PDF version of the user manual is also available for download:Mackie SR18S User Manual (PDF)

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