

## Theater Solutions SUB8S

# Theater Solutions SUB8S Slim Powered Subwoofer

## USER MANUAL

Model: SUB8S

### Introduction

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Thank you for purchasing the Theater Solutions SUB8S Slim Powered Subwoofer. This manual provides comprehensive instructions for the safe and efficient installation, operation, and maintenance of your new subwoofer. Please read this manual thoroughly before use and retain it for future reference.



Figure 1: Theater Solutions SUB8S Slim Powered Subwoofer.

## Important Safety Instructions

- **Electrical Safety:** Do not expose this appliance to rain or moisture. Do not remove the cover. Refer all servicing to qualified service personnel.
- **Power Source:** Connect the subwoofer only to a 110V, 60Hz AC power outlet. Ensure the power cord is not pinched or walked on.
- **Ventilation:** Ensure adequate ventilation around the subwoofer. Do not block any ventilation openings.
- **Placement:** Avoid placing the subwoofer near heat sources, direct sunlight, or in areas with excessive vibration.
- **Cleaning:** Unplug the subwoofer from the power outlet before cleaning. Use a soft, dry cloth. Do not use liquid cleaners or aerosol cleaners.

## Package Contents

Verify that all items listed below are included in your package:

- 1 x Theater Solutions SUB8S Powered Subwoofer Speaker
- 1 x Dual RCA 9 Foot Cable
- 1 x RCA "Y" Adapter
- Optional Stand Mounts (feet)
- Optional Wall Mount and Hardware
- Instruction Manual (this document)



Figure 2: Included accessories and manual.

## Product Overview: Rear Panel Controls and Connections

The rear panel of the SUB8S subwoofer features all necessary controls and connection ports for integration into your home audio system.



Figure 3: Detailed view of the rear panel controls and connections.

1. **Phase Switch (0°/180°):** Adjusts the phase of the subwoofer output relative to your main speakers.
2. **Power Indicator:** Illuminates when the subwoofer is powered on.
3. **On/Auto Off Switch:** Selects between continuous power (On) or automatic power management (Auto Off). In Auto Off mode, the subwoofer enters standby after two minutes of no signal.
4. **Gain Control (Min/Max):** Adjusts the overall volume level of the subwoofer.
5. **Crossover Control (40Hz/150Hz):** Sets the upper frequency limit for the subwoofer. Frequencies above this setting will be sent to your main speakers.
6. **Line In (L/R RCA):** Low-level input for connecting to a receiver's dedicated subwoofer output (LFE or Sub Out).
7. **Hi Level Input (From Amplifier):** High-level input for connecting directly to the speaker outputs of an amplifier or receiver that lacks a dedicated subwoofer output.
8. **Hi Level Output (To Speakers):** High-level output for passing the signal from the amplifier to your main speakers when using the high-level input.
9. **Fuse Holder:** Contains the main power fuse. Replace only with the specified type.
10. **Power Cord Inlet:** Connects the subwoofer to the AC power supply.



## Setup and Installation

### 1. Placement Options

The slim design of the SUB8S allows for versatile placement. Consider the following options:

- **Under Furniture:** The subwoofer's 4.75-inch height allows it to slide under most sofas, beds, or entertainment centers.
- **Wall Mount:** Use the included wall mount bracket to secure the subwoofer to a wall. Ensure the wall can support the subwoofer's weight (approximately 22 lbs).
- **Floor Standing:** Attach the included stand mounts (feet) for floor placement.

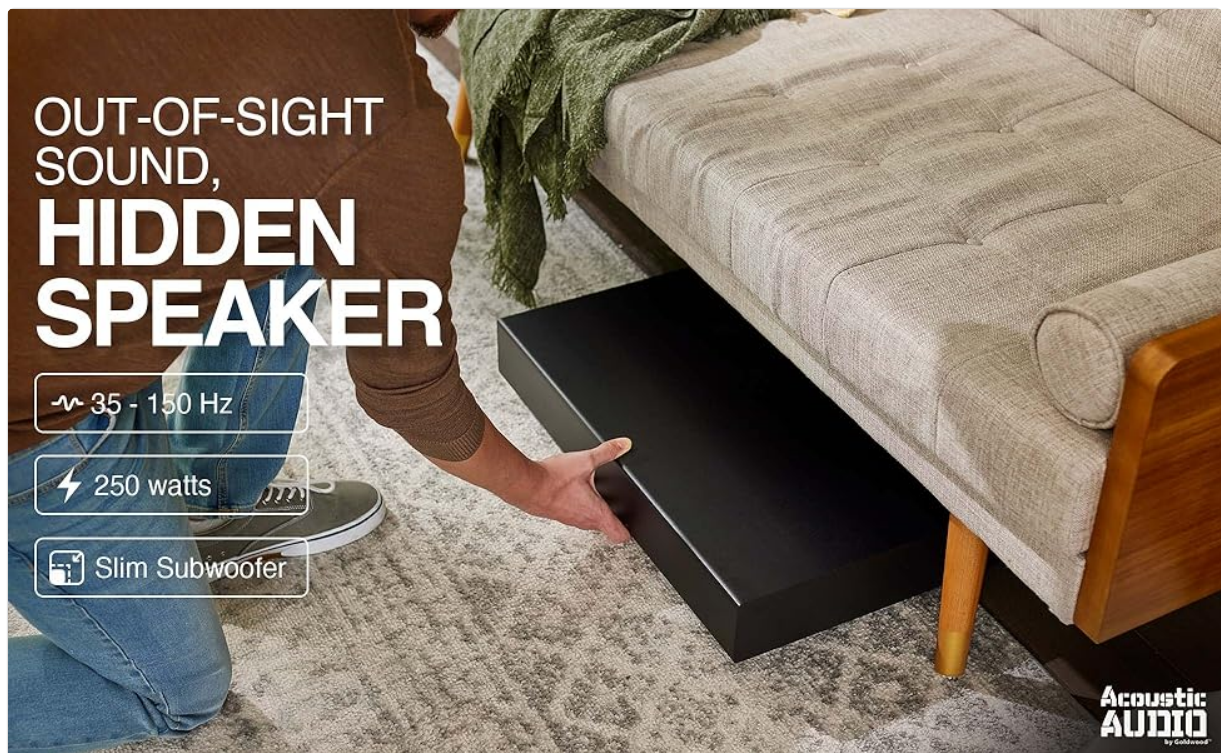


Figure 4: Subwoofer placed under furniture.



Figure 5: Subwoofer placed vertically next to furniture.

### 2. Connecting the Subwoofer

Before making any connections, ensure all audio equipment is turned off and unplugged from the power outlet.

#### Option A: Using a Dedicated Subwoofer Output (RCA Line In)

This is the recommended connection method if your receiver or amplifier has a dedicated "Subwoofer Out" or "LFE Out" RCA jack.

1. Connect one end of the included RCA cable (or your own single RCA cable) to the "Subwoofer Out" or "LFE Out" jack on your receiver.
2. Connect the other end of the RCA cable to the "Line In" (L or R) jack on the SUB8S subwoofer. If using a single RCA cable from your receiver, you can use the included "Y" adapter to connect to both L and R inputs on the subwoofer for potentially higher signal level, though a single connection to either L or R is often sufficient.

#### Option B: Using High-Level Inputs (Speaker Wire)

Use this method if your receiver or amplifier does not have a dedicated subwoofer output.

1. Connect the speaker wires from your amplifier's main left and right speaker outputs to the "Hi Level Input" terminals on the SUB8S subwoofer. Match positive (+) to positive (+) and negative (-) to negative (-).
2. Connect your main left and right speakers to the "Hi Level Output" terminals on the SUB8S subwoofer. Again, match polarity.



Figure 6: Rear panel connections for RCA and high-level inputs.

### 3. Power Connection

Once audio connections are made, connect the subwoofer's power cord to a standard 110V AC wall outlet.

## Operation

### 1. Powering On/Off

- Set the "On/Auto Off" switch to "On" for continuous power. The power indicator will illuminate.
- Set the "On/Auto Off" switch to "Auto Off" for automatic power management. The subwoofer will power on when an audio signal is detected and enter standby mode after approximately two minutes of no signal.

### 2. Adjusting Controls

Fine-tune the subwoofer's performance using the rear panel controls:

- **Gain Control:** Start with the gain control at its minimum setting. Gradually increase it until the subwoofer's output blends seamlessly with your main speakers. Avoid setting it too high, which can

result in boomy or unnatural bass.

- **Crossover Control:** This control sets the highest frequency the subwoofer will reproduce. A good starting point is typically around 80Hz-100Hz, but this depends on the low-frequency capabilities of your main speakers. If your main speakers are small, set the crossover higher (e.g., 100Hz-120Hz). If they are larger with good bass response, set it lower (e.g., 60Hz-80Hz). Adjust by ear for the smoothest transition between the subwoofer and main speakers.
- **Phase Switch (0°/180°):** Experiment with both 0° and 180° settings. Choose the setting that provides the most impactful and coherent bass response at your listening position. This often involves listening to music with strong bass and switching between the two settings to hear which sounds fuller and more integrated.



Figure 7: Adjusting receiver settings for subwoofer integration.



Figure 8: Adjusting subwoofer controls for optimal sound.

## Maintenance

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Proper maintenance ensures the longevity and performance of your subwoofer.

- **Cleaning:** Dust the cabinet regularly with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents.
- **Ventilation:** Ensure that the subwoofer's ventilation openings are not obstructed by dust or debris.
- **Power Cord:** Periodically inspect the power cord for any damage. If damaged, discontinue use and contact qualified service personnel.

## Troubleshooting

Problem	Possible Cause	Solution
No sound from subwoofer	Subwoofer not powered on. Incorrect audio connection. Gain control set too low. Receiver subwoofer output disabled or volume too low. Blown fuse.	Check power switch and power cord connection. Verify RCA or high-level connections are secure and correct. Increase the Gain control gradually. Check receiver settings for subwoofer output and volume. Inspect and replace fuse if necessary (refer to safety warnings).
Weak or distorted bass	Gain control too low or too high. Incorrect crossover setting. Incorrect phase setting. Subwoofer placement.	Adjust Gain control for balanced sound. Adjust Crossover control to blend with main speakers. Toggle Phase switch (0°/180°) to find the best sound. Experiment with different subwoofer placements in the room.
Subwoofer does not turn on automatically	"On/Auto Off" switch not set to "Auto Off". Input signal too low.	Ensure switch is in "Auto Off" position. Increase the output level from your receiver or the subwoofer's Gain control.

## Specifications

Feature	Detail
Model Name	SUB8S
Speaker Type	Powered Subwoofer
Woofer Diameter	8 Inches
Speaker Maximum Output Power	250 Watts
Frequency Response	35-150 Hz (+/- 2dB)
Crossover Frequency	Continuously variable from 50-150Hz (24dB/octave)
Impedance	8 Ohm
Connectivity Technology	Wired (RCA, High-Level)



Feature	Detail
Product Dimensions (H x W x D)	4.75" x 25" x 16" (with feet)
Item Weight	22 Pounds
Material	Wood
Power Source	Corded Electric (110V)
Special Features	Auto ON/OFF, Phase Control

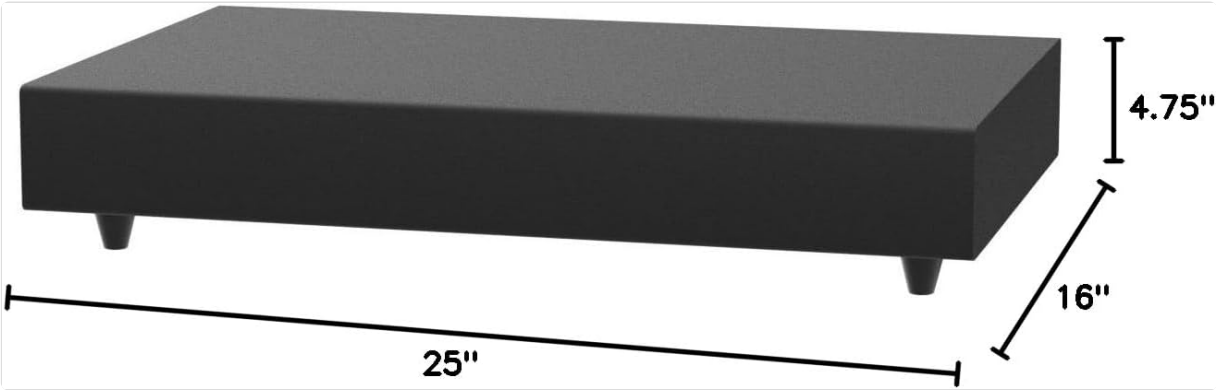


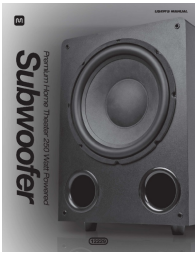
Figure 9: Subwoofer dimensions.

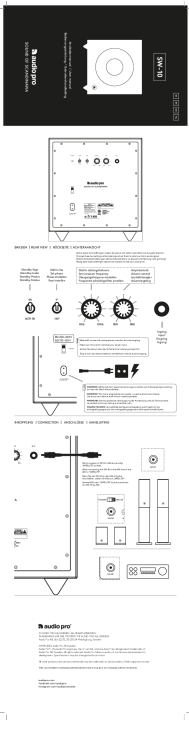

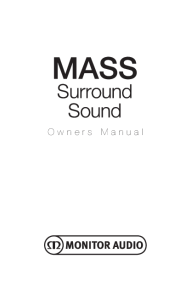


## Warranty and Support

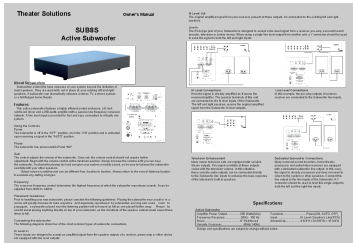
This Theater Solutions SUB8S subwoofer comes with a limited warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact Theater Solutions customer support.

For technical assistance or support inquiries, please visit the official Theater Solutions website or contact their customer service department. Contact information is typically available on the product packaging or the manufacturer's website.

## Related Documents - SUB8S

	<p><a href="#">Monoprice Premium Home Theater 250 Watt Powered Subwoofer User Manual</a></p> <p>User manual for the Monoprice Premium Home Theater 250 Watt Powered Subwoofer. Includes safety warnings, features, connection guides, settings, troubleshooting, and specifications.</p>
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	<p><a href="#">Audio Pro SW-10 Powered Subwoofer User Manual and Specifications</a></p> <p>Detailed user manual for the Audio Pro SW-10 powered subwoofer, covering setup, controls, connections, technical specifications, and essential safety information.</p>
	<p><a href="#">Polk MagniFi MAX SR: Maximum-Performance True 5.1 Home Theater Sound Bar System</a></p> <p>Discover the Polk MagniFi MAX SR, a true 5.1 home theater sound bar system delivering immersive surround sound, crystal-clear dialogue with VoiceAdjust technology, and deep bass. Features SDA Surround, Google Chromecast, and wide remote compatibility.</p>
	<p><a href="#">Monitor Audio MASS Surround Sound System Owner's Manual</a></p> <p>Comprehensive owner's manual for the Monitor Audio MASS Surround Sound system, covering setup, connections, positioning, specifications, and warranty information for MASS satellites and subwoofer.</p>
	<p><a href="#">Nova FF12 Front Firing Powered Subwoofer: Operation Manual &amp; Technical Guide</a></p> <p>Comprehensive operation manual and technical guide for the Earthquake Sound Corporation Nova FF12 Front Firing Powered Subwoofer. Learn about specifications, setup, connection, and warranty.</p>
	<p><a href="#">JBL Studio 650P/660P Powered Subwoofer Owner's Manual</a></p> <p>Owner's manual for JBL Studio 650P and 660P powered subwoofers, detailing setup, controls, connections, placement, and specifications for optimal audio performance.</p>



[\[pdf\]](#) User Manual Owner's Manual

SUB8S MANUAL theater solutions net 80 images |||

Theater Solutions Owner s Manual **SUB8S** Active Subwoofer Hi Level Out The original amplified signal from your source is present at these outputs, for connection to the existing left and right speakers. Line In The RCA-type jack of your Subwoofer is designed to accept a line level signal from a rec...

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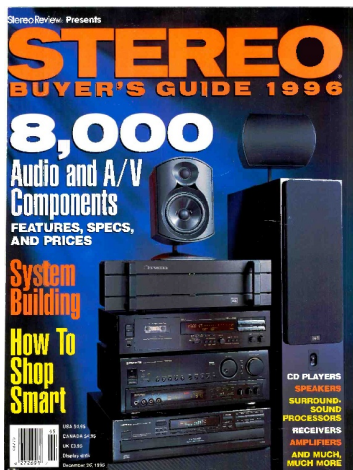


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[Stereo Buyer's Guide 1996: Comprehensive Audio & A/V Component Directory](#)

Explore the 1996 Stereo Buyer's Guide, featuring detailed listings and expert advice on over 8,000 audio and A/V components, system building, and smart shopping for home theater enthusiasts.

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