

Yamaha HS8S

Yamaha HS8S Studio Subwoofer Instruction Manual

Model: HS8S

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Yamaha HS8S Studio Subwoofer. The HS8S is an 8-inch bass-reflex powered subwoofer designed to complement Yamaha's HS series studio monitors, delivering accurate and extended low-frequency response for critical listening environments.

Key features include a high-power 150W amplifier and a frequency response range of 22Hz to 150Hz, ensuring deep and precise bass reproduction.

2. SAFETY INFORMATION

Please read these safety instructions carefully before using the unit. Keep this manual in a safe place for future reference.

- **Power Source:** Use only the specified power supply voltage. Ensure the power cable is securely connected and not damaged.
- **Placement:** Place the subwoofer on a stable, level surface. Avoid locations with excessive vibration, direct sunlight, extreme temperatures, or high humidity. Ensure adequate ventilation around the unit.
- **Moisture:** Do not expose the unit to rain or moisture. Do not place objects filled with liquids on the unit.
- **Foreign Objects:** Do not insert any metal objects or flammable materials into the unit's openings.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

3. PACKAGE CONTENTS

Verify that your package contains the following items:

- Yamaha HS8S Studio Subwoofer
- Power Cable
- Owner's Manual (this document)

4. FEATURES OVERVIEW

The Yamaha HS8S is equipped with several controls to optimize its performance within your studio

environment:

- **150W High-Power Amplifier:** Provides robust and clear low-frequency output.
- **LOW CUT Switch:** Engages or disengages the low-cut filter.
- **LOW CUT Control (80-120Hz):** Adjusts the cutoff frequency for the low-cut filter, allowing you to tailor the subwoofer's response to your main monitors.
- **HIGH CUT Control (80-120Hz):** Adjusts the cutoff frequency for the high-cut filter, used to match the subwoofer's upper frequency limit with your main monitors.
- **PHASE Switch:** Allows you to invert the phase of the subwoofer's output, which can be crucial for achieving optimal bass response and integration with your main speakers.



Figure 1: Rear panel of the Yamaha HS8S subwoofer, detailing the input/output connections, level control, LOW CUT, HIGH CUT, and PHASE switches.

5. SETUP

5.1 Physical Placement

Proper placement of your HS8S subwoofer is critical for accurate low-frequency reproduction. Consider the following:

- **Room Acoustics:** Subwoofers are sensitive to room acoustics. Experiment with different positions to find the spot that provides the most even and accurate bass response. Corner placement can sometimes exaggerate bass, while placement along a wall can offer a good balance.
- **Proximity to Main Monitors:** For optimal integration, place the subwoofer relatively close to your main studio monitors.
- **Stability:** Ensure the subwoofer is placed on a stable surface to prevent unwanted vibrations. The unit weighs approximately 33.6 pounds and has dimensions of 18"D x 16"W x 18.5"H.



Figure 2: Front view of the Yamaha HS8S Studio Subwoofer, showcasing its 8-inch driver and bass-reflex port.

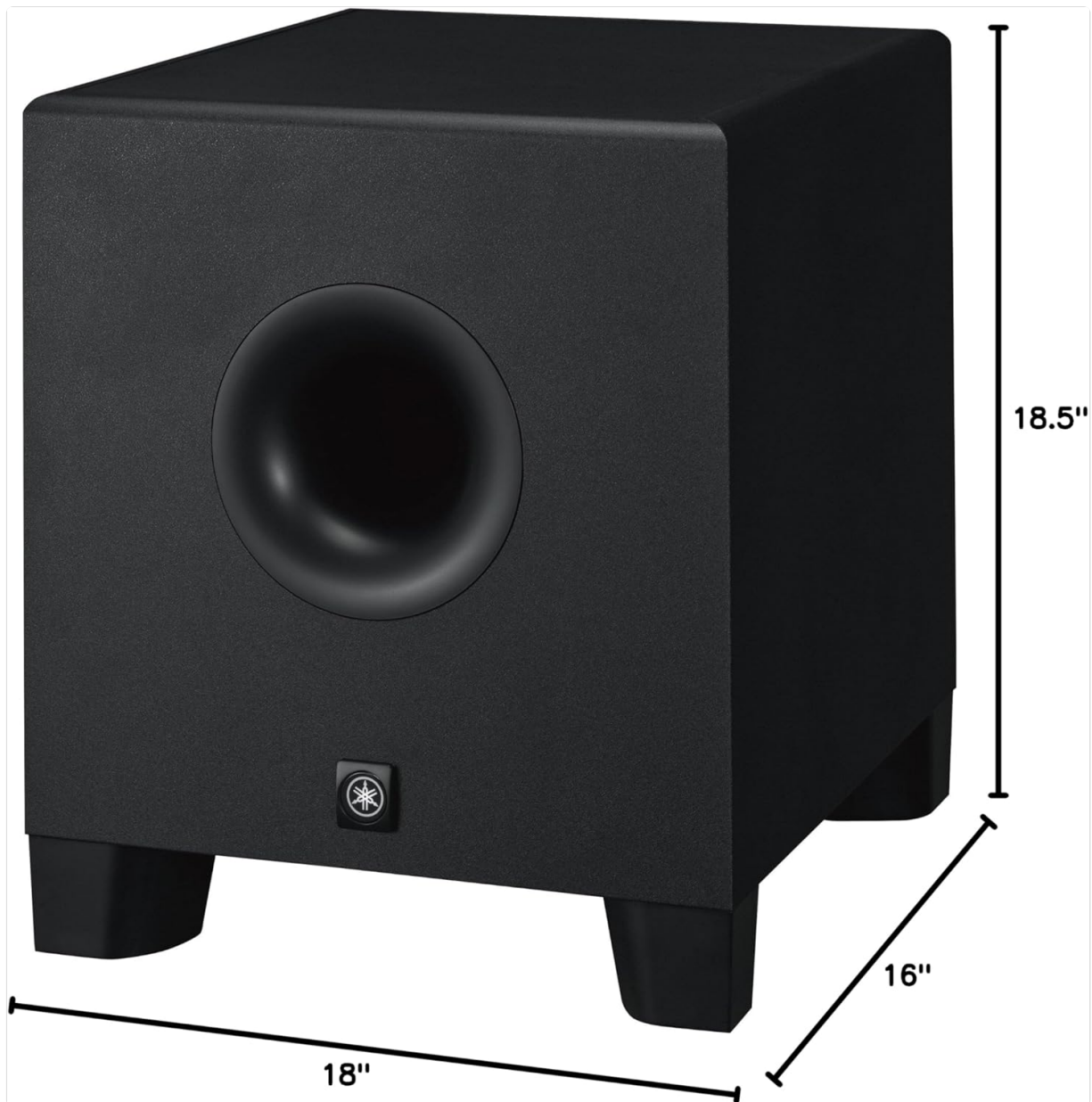


Figure 3: Visual representation of the Yamaha HS8S subwoofer's dimensions (18"D x 16"W x 18.5"H).

5.2 Connections

The HS8S offers flexible connectivity options for integration into various studio setups:

- **Input:** Connect your audio source (e.g., audio interface, mixer) to the subwoofer's input jacks. The HS8S supports XLR and TRS (balanced) connections.
- **Output:** Connect the subwoofer's output jacks to your main studio monitors. This allows the subwoofer to handle the low frequencies, passing the higher frequencies to your main monitors.
- **Power:** Connect the supplied power cable to the AC IN port on the rear panel and then to a suitable power outlet.



Figure 4: Angled view of the Yamaha HS8S Studio Subwoofer, showing its robust construction.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

To power on the subwoofer, flip the power switch located on the rear panel to the 'ON' position. The Yamaha logo on the front will illuminate. To power off, flip the switch to 'OFF'.

6.2 Level Control

Use the LEVEL knob on the rear panel to adjust the overall output volume of the subwoofer. Start with a low setting and gradually increase it to achieve a balanced sound with your main monitors.

6.3 Frequency Controls (LOW CUT / HIGH CUT)

These controls are essential for seamless integration with your main monitors:

- **LOW CUT Switch:** Activate this switch to engage the low-cut filter.
- **LOW CUT Control (80-120Hz):** Adjust this knob to set the frequency below which the subwoofer will not reproduce sound. This helps prevent overlap with your main monitors' low-frequency capabilities.

- **HIGH CUT Control (80-120Hz):** Adjust this knob to set the frequency above which the subwoofer will not reproduce sound. This ensures the subwoofer only handles the desired low-frequency range, allowing your main monitors to focus on mids and highs.

6.4 PHASE Switch

The PHASE switch (NORM/REV) allows you to invert the phase of the subwoofer's output. Experiment with both settings to determine which provides the most coherent and impactful bass response in your listening position. Incorrect phase alignment can lead to cancellation or muddy bass.

7. MAINTENANCE

To ensure the longevity and optimal performance of your Yamaha HS8S Subwoofer, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or abrasive chemicals, as they may damage the finish.
- **Ventilation:** Keep the rear heat sink and bass-reflex port clear of obstructions to ensure proper airflow and prevent overheating.
- **Storage:** If storing the unit for an extended period, disconnect the power cable and store it in a dry, dust-free environment.

8. TROUBLESHOOTING

If you encounter issues with your HS8S subwoofer, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Sound	Power cable disconnected, power switch off, input cables loose/incorrect, level knob too low.	Check power connections, turn on power, ensure audio cables are securely connected to correct inputs, increase LEVEL knob.
Distorted Sound	Input signal too high, subwoofer level too high, incorrect phase.	Reduce input signal level from source, lower subwoofer LEVEL, try flipping the PHASE switch.
Weak/Muffled Bass	Incorrect HIGH CUT/LOW CUT settings, phase issue, poor room placement.	Adjust HIGH CUT/LOW CUT for optimal crossover, try flipping the PHASE switch, experiment with subwoofer placement.

If the issue persists after trying these solutions, please contact Yamaha customer support or a qualified service technician.

9. SPECIFICATIONS

Detailed technical specifications for the Yamaha HS8S Studio Subwoofer:

Specification	Value
Model Name	HS8S
Speaker Type	8-inch Bass-Reflex Powered Subwoofer

Specification	Value
Frequency Response	22Hz - 150Hz
Amplifier Power	150 Watts
Connectivity Technology	XLR, Wired
Audio Output Mode	Surround
Controls	LOW CUT switch, LOW CUT control (80-120Hz), HIGH CUT control (80-120 Hz), PHASE switch, Level control
Product Dimensions	18"D x 16"W x 18.5"H
Item Weight	33.6 Pounds
Color	Black
Material	Plastic Or Metal
Power Source	Corded Electric

10. OFFICIAL PRODUCT VIDEO

Watch the official product video for an overview of the Yamaha HS8 Studio Subwoofer's features and design.

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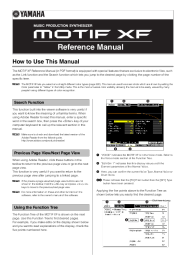
Video 1: Official product overview of the Yamaha HS8 Studio Subwoofer, highlighting its design and capabilities.

11. WARRANTY & SUPPORT

The Yamaha HS8S Studio Subwoofer comes with a limited warranty. For detailed warranty information, product registration, and technical support, please visit the official Yamaha website or contact your local Yamaha dealer.

You can find more information and support resources on the [Yamaha Store on Amazon](#).

Related Documents - HS8S

	<p>Yamaha HS Series Powered Studio Monitors and Subwoofer - Owner's Manual</p> <p>Comprehensive owner's manual for Yamaha HS Series powered studio monitors (HS8, HS7, HS5, HS8I, HS7I, HS5I) and subwoofer (HS8S), covering features, specifications, setup, and troubleshooting.</p>
	<p>Yamaha HS4 and HS3 Powered Studio Monitors Owner's Manual</p> <p>Comprehensive owner's manual for Yamaha HS4 and HS3 powered studio monitors, covering setup, connections, operation, specifications, and troubleshooting for music and video production.</p>
	<p>Yamaha MONTAGE 6/7/8 Music Synthesizer Owner's Manual</p> <p>Comprehensive owner's manual for the Yamaha MONTAGE series music synthesizers (MONTAGE 6, 7, and 8), detailing features, operation, safety, and specifications for music creation and performance.</p>
	<p>Yamaha 01X Digital Mixing Studio Owner's Manual</p> <p>Explore the capabilities of the Yamaha 01X Digital Mixing Studio with this comprehensive owner's manual. Learn about its features as a 28-channel digital mixer, 24-bit audio interface, and DAW control surface, enhanced by mLAN connectivity and bundled software for professional music production.</p>
	<p>Yamaha MOTIF XF Music Production Synthesizer Owner's Manual</p> <p>Comprehensive owner's manual for the Yamaha MOTIF XF Music Production Synthesizer, detailing its features, operations, setup, and advanced functions for music creation and live performance.</p>
	<p>Yamaha MOTIF XF Reference Manual</p> <p>Comprehensive reference manual for the Yamaha MOTIF XF Music Production Synthesizer, detailing its features, modes, and functions for musicians and producers.</p>