

Yamaha HS8

Yamaha HS8 8-Inch Powered Studio Monitor Instruction Manual

Model: HS8

1. INTRODUCTION AND OVERVIEW

The Yamaha HS8 is a 2-way bass-reflex bi-amplified nearfield studio monitor designed for accurate sound reproduction in professional and home studio environments. It features an 8-inch cone woofer and a 1-inch dome tweeter, delivering a broad frequency response from 38Hz to 30kHz. The monitor is powered by a high-performance 120W bi-amp system (75W LF plus 45W HF) and includes advanced controls for room acoustics adaptation.

2. WHAT'S IN THE BOX

- 2 x YAMAHA HS8 8-Inch Powered Studio Monitor (White)
- Power Cables
- Owner's Manual

3. SETUP

3.1 Placement

Proper placement of your HS8 monitors is crucial for optimal sound reproduction. Position the monitors to form an equilateral triangle with your listening position. Ensure the tweeters are at ear level. Avoid placing monitors directly against walls or in corners, as this can exaggerate bass frequencies. If wall placement is unavoidable, utilize the ROOM CONTROL feature on the rear panel.

3.2 Connections

Connect your audio source to the HS8 monitors using either XLR or TRS phone jack cables. These inputs accept both balanced and unbalanced signals. Ensure secure connections for optimal audio quality.



Image: Rear panel of the Yamaha HS8 monitor. This image displays the various input options, including XLR and TRS jacks, along with the 'LEVEL' control knob, 'ROOM CONTROL' switch, and 'HIGH TRIM' switch. The power switch and AC IN port are also visible.

3.3 Power Connection

Connect the supplied power cables to the AC IN port on the rear of each monitor and then to a suitable power

outlet. Use the power switch to turn the monitors on or off.

4. OPERATING

4.1 Level Control

The **LEVEL** control knob on the rear panel adjusts the overall output volume of the monitor. Start with a low setting and gradually increase to a comfortable listening level.

4.2 Room Control

The **ROOM CONTROL** switch allows you to compensate for bass buildup that can occur when monitors are placed close to walls or in corners. Adjust this switch to -2dB or -4dB to reduce excessive low-frequency response, optimizing the sound for your specific room acoustics.

4.3 High Trim

The **HIGH TRIM** switch provides adjustment for the high-frequency response. Use this to fine-tune the treble output to suit your listening preferences or to compensate for overly reflective or absorbent room characteristics. Options typically include +2dB, 0dB, and -2dB.

5. FEATURES

- **Newly Developed Transducers:** Achieves astonishingly smooth responses over a wide range of bandwidth.
- **Controls and Connectivity:** Features two response controls with detailed settings (ROOM CONTROL and HIGH TRIM) that allow adaptation to the surface acoustics of rooms of varying shapes and sizes. XLR and TRS phone jack inputs accept balanced or unbalanced signals.
- **Cutting Edge Noise Reduction Technology:** Speaker port design incorporates advanced noise reduction technology to control and reduce air vibrations inside the port, minimizing unwanted noise and improving sound clarity.
- **Low Resonance Enclosure Design:** The cabinet is designed to eliminate unwanted resonance and increase the accuracy of sound reproduction to its extreme limit.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Yamaha HS8 monitors, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the cabinet. Avoid abrasive cleaners, solvents, or waxes, as these can damage the finish.
- **Dusting:** Regularly dust the speaker cones and tweeter with a soft brush or compressed air to prevent buildup that could affect sound quality.
- **Ventilation:** Ensure adequate airflow around the rear heat sink to prevent overheating. Do not block the rear port.
- **Handling:** Handle the monitors with care. Avoid dropping them or subjecting them to strong impacts.
- **Environmental Conditions:** Keep the monitors away from direct sunlight, excessive heat, humidity, or extreme temperature changes.

7. TROUBLESHOOTING

7.1 No Sound

- Check if the power cable is securely connected and the monitor is switched on.
- Verify that the audio input cables are correctly connected to both the monitor and the audio source.
- Ensure the LEVEL control on the monitor is not set to minimum.
- Check the volume level of your audio source.

7.2 Distorted Sound

- Reduce the input level from your audio source or the LEVEL control on the monitor to prevent clipping.
- Check for damaged audio cables.
- Ensure the ROOM CONTROL and HIGH TRIM settings are appropriate for your room and not causing unwanted frequency boosts.

7.3 Electrical Interference/Hum

- Use balanced XLR or TRS cables for connections to minimize noise.
- Ensure all audio equipment is connected to the same power circuit to avoid ground loops.
- Keep power cables and audio cables separated to reduce electromagnetic interference.
- Move wireless devices (phones, Wi-Fi routers) away from the monitors.

8. SPECIFICATIONS

Specification	Value
Brand	Yamaha
Model Number	HS8
Speaker Type	Monitor
Speaker Maximum Output Power	120 Watts
Frequency Response	38Hz - 30kHz
Woofer Diameter	8 Inches
Tweeter Diameter	1 Inches
Connectivity Technology	XLR, TRS
Audio Output Mode	Stereo
Power Source	Corded Electric
Item Dimensions D x W x H	9.1"D x 9.1"W x 9.1"H
Item Weight	56 Pounds (for the pair)
Enclosure Material	Wood, Paper, Aluminum

9. PRODUCT IMAGES



Image: Front view of a single Yamaha HS8 8-inch powered studio monitor in white. The iconic white cone woofer and dome tweeter are clearly visible.



Image: Angled front view of a single Yamaha HS8 8-inch powered studio monitor in white, showcasing its sleek design and speaker components.



Image: A slightly different angled front view of a single Yamaha HS8 8-inch powered studio monitor in white, highlighting its robust build.



Image: Diagram illustrating the dimensions of the Yamaha HS8 studio monitor, showing its height, width, and depth.

10. OFFICIAL PRODUCT VIDEOS

Pro Musician Gives Mega Quick Review on Yamaha HS8's

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Video Description: A quick review of the Yamaha HS8 studio monitors by a professional musician, highlighting key features and benefits for studio use. This video provides a concise overview of the product's performance and design.

11. WARRANTY AND SUPPORT

The Yamaha HS8 Studio Monitors come with a **Limited Warranty**. For detailed information regarding warranty coverage, terms, and conditions, please refer to the official documentation included with your product or visit the [Yamaha Store on Amazon](#) or the official Yamaha website.

For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact Yamaha customer support through their official channels.