

Herdio HMS-60

Herdio HMS-60 3-Inch Waterproof Marine Speakers Instruction Manual

Model: HMS-60 (MXS-60BK)

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Herdio HMS-60 3-inch waterproof marine speakers. Designed for durability and performance in various environments, these speakers deliver clear audio for your marine, powersports, or outdoor applications. Please read this manual thoroughly before use to ensure optimal performance and longevity of your speakers.

PRODUCT FEATURES

- **3-Inch 2-Way Full Range Design:** Equipped with a HIFI woofer for comprehensive sound reproduction.
- **High Power Handling:** Capable of handling a maximum of 140 Watts (per pair).
- **IP44 Splash-Proof Protection:** Constructed with water-resistant materials, including a polypropylene cone with rubber edge and molded ABS plastic basket, designed to withstand humid and salty environments.
- **Compact and Easy Installation:** Small design allows for versatile placement in various settings.
- **Versatile Application:** Suitable for yachts, ATVs, UTVs, golf carts, powersports vehicles, motorcycles, heavy-duty vehicles, spas, and hot tubs.

PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present and in good condition:

- 1 Pair of Herdio HMS-60 Marine Speakers
- Mounting Screws (Quantity: 8)
- Speaker Wires (6.5 feet)

Product Installation Dimension



Image: Complete assembly kit for Herdio HMS-60 speakers, showing two speakers, eight mounting screws, and two sets of speaker wires.

SETUP AND INSTALLATION

Proper installation is crucial for the performance and durability of your speakers. Follow these guidelines for a successful setup.

1. Speaker Dimensions and Mounting

The compact design of the HMS-60 speakers allows for flexible installation. Ensure you have adequate space and use the provided dimensions for precise cutting and mounting.

- **Overall Diameter:** 3.94 inches (10 cm)
- **Mounting Hole Diameter:** 2.95 inches (7.5 cm)
- **Mounting Depth:** 2.83 inches (7.2 cm)



Image: Diagram illustrating the total length, height, and total width dimensions for installing the Herdio HMS-60 speakers.

2. Wiring Connections

Connect the speaker wires to your audio source (e.g., amplifier, head unit). Ensure correct polarity: red wire to positive (+), black wire to negative (-).

Your browser does not support the video tag.

Video: This video demonstrates the wiring process for the Herdio 3-inch marine waterproof speakers, showing how to connect the speaker cables to the speaker terminals and prepare for connection to an amplifier. Note: These speakers require an external amplifier (not included) to function.

Important: These are passive speakers and require an external amplifier to operate. This model does not include a built-in amplifier.

3. Secure Mounting

Once the wiring is complete, place the speakers into the prepared openings and secure them using the provided mounting screws. Ensure a tight fit to prevent vibration and maintain water resistance.

OPERATING INSTRUCTIONS

After successful installation, follow these steps to operate your speakers:

1. **Power On:** Ensure your external amplifier or head unit is powered on.
2. **Connect Audio Source:** Connect your desired audio source (e.g., MP3 player, smartphone, marine radio) to the amplifier.
3. **Adjust Volume:** Start with the volume at a low level on your audio source and amplifier, then gradually increase to your desired listening level.
4. **Audio Output:** The speakers provide stereo audio output.

MAINTENANCE

To ensure the longevity and continued performance of your Herdio HMS-60 speakers, regular maintenance is recommended:

- **Cleaning:** Wipe the speaker grilles and housing with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Water Exposure:** While the speakers are IP44 splash-proof, avoid prolonged submersion or direct high-pressure water jets.
- **Inspection:** Periodically check the mounting screws and wiring connections for any signs of loosening or corrosion. Tighten screws as needed.
- **Environmental Protection:** If possible, protect speakers from extreme weather conditions when not in use, especially during prolonged storage.

TROUBLESHOOTING

If you experience issues with your speakers, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No sound from speakers	Power off on amplifier/head unit. Incorrect wiring. Volume too low. Faulty audio source.	Ensure amplifier/head unit is powered on. Check all wiring connections for correct polarity (+/-). Increase volume on both audio source and amplifier. Test with a different audio source.
Distorted sound	Volume too high. Loose wiring connection. Damaged speaker.	Reduce volume. Check and secure all wiring connections. Inspect speaker for physical damage.
Intermittent sound	Loose wiring. Corroded connections.	Check and re-secure all wiring. Clean any corroded terminals.

If problems persist after attempting these solutions, please contact Herdio customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Brand	Herdio
Model Name	HMS-60
Item Model Number	MXS-60BK
Speaker Type	Woofer (2-Way Full Range)
Speaker Size	3 Inches
Material	Plastic (Polypropylene Cone with Rubber Edge, Molded ABS Plastic Basket)
Speaker Maximum Output Power	140 Watts (Pair)
Frequency Response	120Hz - 20Khz
SPL (1Watt/1Meter)	80dB
Water Resistance Level	IP44 Splash-proof

Feature	Detail
Connectivity Technology	Coaxial
Audio Output Mode	Stereo
Mounting Type	Car Mount, Motorcycle Mount, Boat Mount
Item Weight	1.72 pounds
Package Dimensions	8.78 x 4.69 x 3.35 inches

WARRANTY

The Herdio HMS-60 Marine Speakers come with a limited warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty card included in your product packaging or visit the official Herdio website. Keep your proof of purchase for any warranty claims.



SUPPORT

For technical support, troubleshooting assistance, or any inquiries regarding your Herdio HMS-60 speakers, please contact Herdio customer service through the following channels:

- **Official Website:** www.herdio.tech.com (Check for contact information, FAQs, and additional resources)
- **Email Support:** Refer to your product packaging or official website for the most current email address.

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Related Documents - HMS-60

	<p>Herdio Waterproof Indoor Outdoor Speakers Owner's Manual HOS-401 HOS-501 HOS-601</p> <p>This owner's manual provides detailed instructions for the Herdio HOS-401, HOS-501, and HOS-601 waterproof indoor/outdoor speakers, covering installation, wiring, setup, specifications, and warranty information.</p>
	<p>Herdio High Performance In-Ceiling/In-Wall Speakers - Owner's Manual and Installation Guide</p> <p>This document provides installation instructions, technical specifications, and warranty information for Herdio's high-performance in-ceiling and in-wall speaker systems, including models like HCS418, HCS528, HCS628, and HCS828, with and without Bluetooth connectivity.</p>



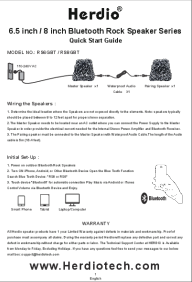
[Herdio Universal Bluetooth Amplified Box AMP-BTX01 User Manual](#)

This document provides important safety precautions, Bluetooth operation instructions, and technical specifications for the Herdio Universal Bluetooth Amplified Box AMP-BTX01. It also includes warranty information and installation guides for various Herdio speaker models.



[Herdio Home Bluetooth Ceiling/Wall Speakers Dual Amplifier System Wiring Program](#)

This document outlines the wiring program and Bluetooth operations for Herdio Home Bluetooth In Ceiling/Wall Speakers, featuring a dual amplifier system. It provides step-by-step instructions for connecting speakers, amplifier boxes, and power adapters, along with guidance on pairing Bluetooth devices.



[Herdio 6.5 & 8 Inch Bluetooth Rock Speaker Series Quick Start Guide](#)

This guide provides setup and wiring instructions for Herdio 6.5-inch and 8-inch Bluetooth Rock Speaker Series, including models RS6GBT, RS8GBT, RS6G, and RS8G. Learn how to connect your speakers, pair Bluetooth devices, and understand the product's technical specifications and warranty.



[Herdio 1618 In-Wall Bluetooth Audio Amplifier Receiver System - User Manual & Specifications](#)

Detailed user manual and technical specifications for the Herdio 1618 In-Wall/Wall Mount BT Audio Control Amplifier Receiver System (Model 2AYZ2-1618). Learn about features, installation, power, Bluetooth pairing, and FCC compliance.