

Herdio HE-502B-US

Herdio 5.25" Passive Outdoor Speakers Instruction Manual

Model: HE-502B-US

INTRODUCTION

Thank you for choosing Herdio 5.25" Passive Outdoor Speakers. These speakers are designed to deliver superior sound quality in various environments, both indoors and outdoors. Featuring an IP44 waterproof rating and durable construction, they are built to withstand diverse weather conditions. This manual provides detailed instructions for proper installation, operation, and maintenance to ensure optimal performance and longevity of your speakers.



Image: Herdio 5.25" Passive Outdoor Speakers (Pair)

WHAT'S IN THE BOX

Please verify that all components are present before beginning installation.

- 2 x Passive Outdoor Speakers
- 2 x Speaker Cables (16.4 Feet / 5 meters each)
- 2 x Mount Brackets
- 1 x Owner's Manual (this document)

WHAT'S IN THE BOX?

Passive Speaker * 2

18.8cm/7.40in

24.8cm/9.76in

15.2cm/5.98in



Manual * 1



Speaker Cables * 2

Image: Included components: speakers, cables, and manual.

SPECIFICATIONS

Feature	Description
Model Name	HE-502B-US
Speaker Type	Outdoor Passive Speaker
Speaker Size	5.25 Inches
Woofer	5.25-inch Injection-Molded PP Cone
Tweeter	1-inch PET Dome
Maximum Output Power	300 Watts (per pair)

Impedance	4 Ohm
Signal-to-Noise Ratio	89 dB
Water Resistance Level	IP44 Waterproof Rating
Product Dimensions (L x W x H)	7.4" (18.8cm) x 5.98" (15.2cm) x 9.76" (24.8cm)
Item Weight	9.63 pounds (4.38 kg)
Mounting Type	Wall Mount (with swivel brackets)
Recommended Uses	Indoor/Outdoor



Image: Speaker internal components and power rating.

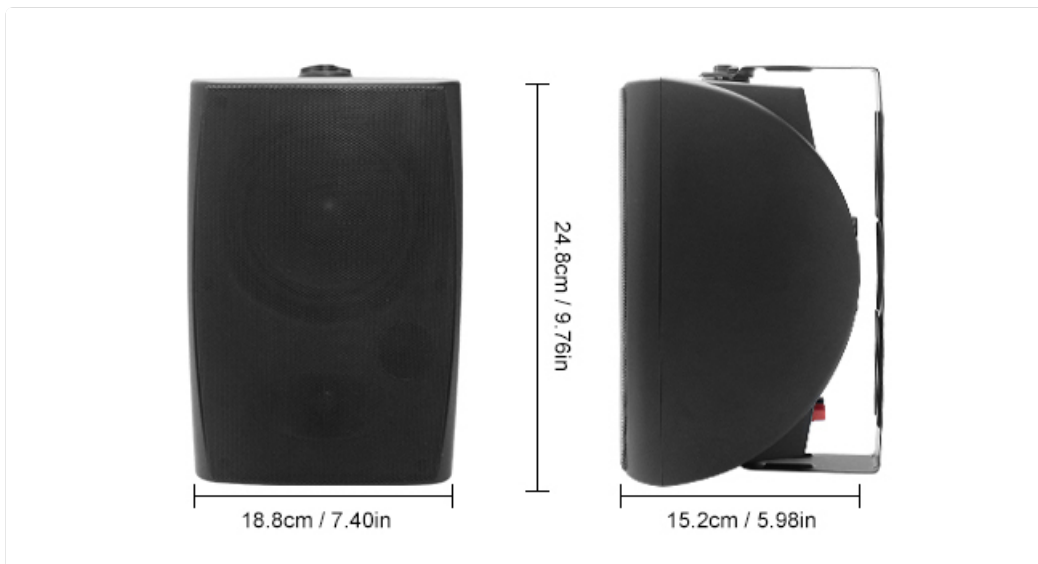


Image: Speaker dimensions.

SETUP AND INSTALLATION

These are passive speakers and require an external amplifier or Bluetooth receiver to function. An amplifier is not included with this product.

1. Speaker Placement

Consider the acoustics of your chosen location. For optimal sound dispersion, place speakers at an appropriate height and distance from each other. The versatile swivel brackets allow for flexible positioning.

SUITABLE SIZE

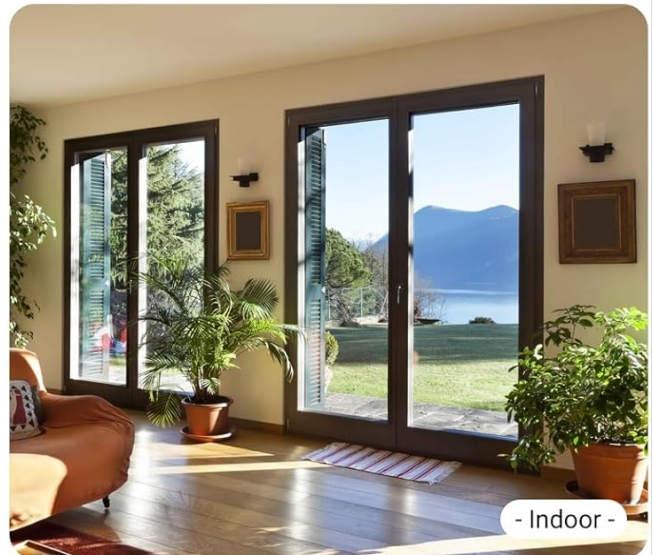


Image: Examples of suitable speaker placement in various indoor and outdoor settings.

2. Mounting the Speakers

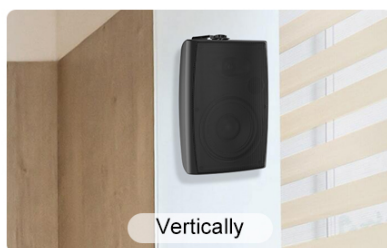
The speakers come with adjustable U-shape mounting brackets for easy installation on walls or ceilings. Ensure the mounting surface is sturdy enough to support the weight of the speakers.

1. Attach the U-shape bracket to the desired mounting surface using appropriate screws (not included).
2. Align the speaker with the bracket and secure it using the provided knobs on the sides of the speaker.
3. Adjust the angle of the speaker for optimal sound direction and tighten the knobs to fix its position. The brackets allow for 180-degree swivel adjustment.

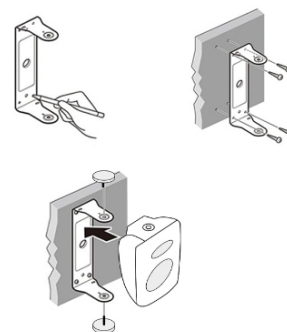


EASY INSTALLATION 180 DEGREE VERSITILE SWIVEL BRACKETS

Image: Easy installation with 180-degree versatile swivel brackets.



Installation Steps with flexible U shape bracket



Easy Flexible Installation

Image: Flexible installation options with U-shape bracket.

3. Wiring the Speakers

Connect the speakers to your amplifier or receiver using the provided speaker cables. Ensure correct polarity for

optimal sound performance.

- Identify the positive (+) and negative (-) terminals on both the speaker and your amplifier/receiver. The speaker terminals are color-coded: red for positive (+) and black for negative (-).
- Connect the red wire from the speaker cable to the red (positive) terminal on the speaker and the red (positive) terminal on your amplifier.
- Connect the black wire from the speaker cable to the black (negative) terminal on the speaker and the black (negative) terminal on your amplifier.
- Repeat for the second speaker.

DAISY- Chaining (Passive+Passive)

Connect the speakers together to double the sound power

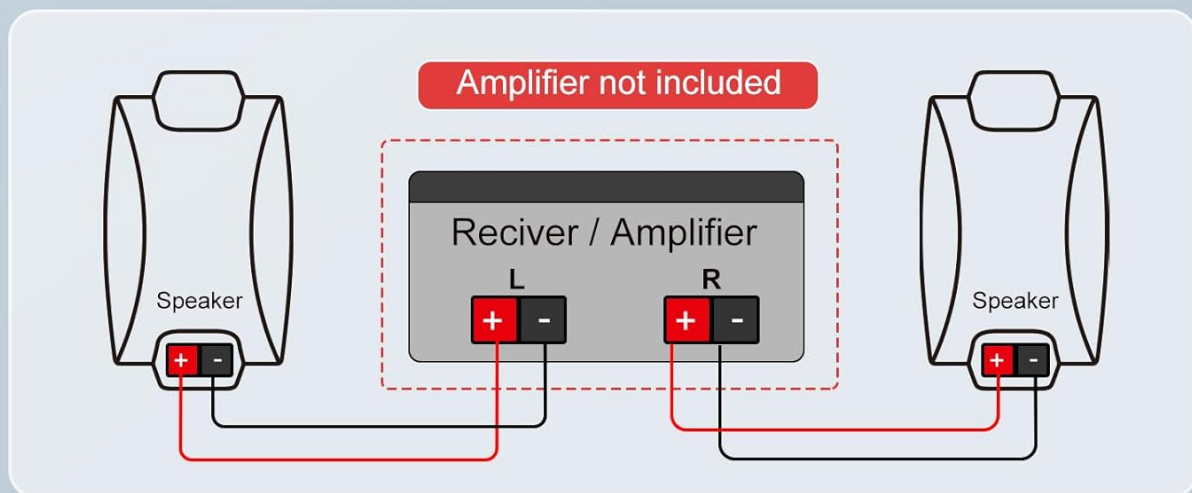


Image: Daisy-chaining connection diagram for passive speakers.



- ① 2*Passive(Include)
- ② 2*Speaker Cable(Include)
- ③ Amplifier (Not include)
- ④ Power Cord (Not include)



Speaker wiew “+”

Speaker wiew “-”



Image: Speaker wiring diagram, emphasizing the need for an external amplifier.

Your browser does not support the video tag.

Video: Unboxing and basic setup guide for Herdio 5.25 Inch Outdoor Speakers, demonstrating connection points and mounting.

OPERATING INSTRUCTIONS

Once properly installed and connected to an amplifier, operate your Herdio speakers as follows:

1. **Power On:** Ensure your amplifier/receiver is powered on.
2. **Source Selection:** Select the desired audio source on your amplifier (e.g., Bluetooth, AUX, CD).
3. **Volume Control:** Start with a low volume level on your amplifier and gradually increase it to your preferred listening level. Avoid excessively high volumes to prevent speaker damage.
4. **Sound Adjustment:** Use the tone controls (bass, treble) on your amplifier to adjust the sound to your preference.

These speakers are designed for both indoor and outdoor use, providing clear and powerful audio for various activities.

MAINTENANCE

To ensure the longevity and optimal performance of your Herdio outdoor speakers, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe down the speaker enclosures with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners, as they can damage the finish or waterproof sealing.
- **Water Exposure:** While the speakers have an IP44 waterproof rating, meaning they are protected against splashing water from any direction, they are not designed for submersion. Avoid direct high-pressure water jets.
- **Environmental Protection:** For prolonged periods of extreme weather (e.g., heavy snow, prolonged freezing temperatures, or intense heat), consider covering the speakers or temporarily relocating them to a sheltered area to maximize their lifespan.
- **Cable Inspection:** Periodically check speaker cables for any signs of wear, fraying, or damage. Replace damaged cables immediately to prevent short circuits or poor sound quality.

- **Bracket Check:** Ensure mounting brackets remain securely fastened to the surface and the speakers are tightly attached to the brackets.



Image: Speaker's waterproof design for outdoor use.

TROUBLESHOOTING

If you experience issues with your Herdio speakers, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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No Sound	<ul style="list-style-type: none">◦ Loose speaker connections.◦ Amplifier not powered on or incorrect source selected.◦ Volume too low on amplifier.◦ Damaged speaker cable.	<ul style="list-style-type: none">◦ Check all speaker wire connections at both the speaker and amplifier ends, ensuring correct polarity.◦ Verify amplifier is on and the correct input source is selected.◦ Increase amplifier volume gradually.◦ Inspect speaker cables for damage; replace if necessary.
Distorted Sound	<ul style="list-style-type: none">◦ Volume too high.◦ Incorrect impedance match with amplifier.◦ Damaged speaker.	<ul style="list-style-type: none">◦ Reduce amplifier volume.◦ Ensure your amplifier supports 4 Ohm speakers.◦ If distortion persists at low volumes, contact support.
One Speaker Not Working	<ul style="list-style-type: none">◦ Loose connection to that specific speaker.◦ Damaged speaker cable for that speaker.	<ul style="list-style-type: none">◦ Check connections for the non-working speaker.◦ Swap speaker cables to determine if the cable or speaker is faulty.

WARRANTY AND SUPPORT

Herdio products are designed for reliability and performance. For warranty information or technical support, please visit the official Herdio website or contact their customer service.

Official Website: www.herdio.tech.com

For further assistance, please refer to the contact information provided on the product packaging or the official website.