## Herdio HCS-4-628BT

# Herdio 6.5" 600 Watts Bluetooth Ceiling Speakers

Model: HCS-4-628BT

### Introduction

Thank you for choosing Herdio 6.5" 600 Watts Bluetooth Ceiling Speakers. This system is designed to provide high-quality audio for various indoor environments, including kitchens, home theaters, bedrooms, offices, and covered patios. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and longevity of your speaker system.

### Safety Information

Please read all safety instructions carefully before installation and operation. Retain this manual for future reference.

- **Power Source:** Only use the provided power adapter. Ensure the power supply matches the voltage requirements specified for the amplifier.
- **Installation:** Installation should be performed by a qualified professional if you are unsure about electrical wiring or ceiling modifications. Ensure proper ventilation around the amplifier.
- **Moisture:** This product is **NOT** waterproof. Do not expose the speakers or amplifier to water or excessive moisture. While suitable for covered patios, avoid direct rain or splash.
- **Heat:** Do not install near heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- **Cleaning:** Disconnect power before cleaning. Use a dry cloth for cleaning. Do not use liquid cleaners or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

### What's in the Box

Carefully unpack the contents and ensure all items are present:

- 4 x 6.5" Ceiling Speakers
- 4 x Speaker Connection Wires (5 meters each)
- 1 x Amplifier Box (4-channel Bluetooth amplifier)
- 1 x Power Adapter (12V3A)
- 1 x User Manual (this document)




Image: All components included in the Herdio 6.5" Bluetooth Ceiling Speaker system package.

## Setup

### 1. Speaker Installation (Flush Mount)

The speakers are designed for flush mounting in ceilings or walls. Ensure you have the necessary tools (e.g., drywall saw, wire strippers, screwdriver - not included).

1. **Measure and Cut:** Determine the desired location for each speaker. The cut-out diameter required is **6.3 inches (16 cm)**. The total speaker diameter is **7.5 inches (19 cm)**. The mounting depth required is **3.15 inches (8 cm)**. Carefully cut the opening in your ceiling or wall.
2. **Connect Speaker Wires:** Connect the speaker wires to the spring-loaded terminals on the back of each speaker. Ensure correct polarity (+ to + and - to -). The red terminal is positive (+), and the black terminal is negative (-).
3. **Insert Speaker:** Gently push the speaker into the cut-out opening. The spring-loaded clips will secure the speaker in place.
4. **Attach Grille:** Place the magnetic grille over the speaker. It will snap into place.




Image: Speaker dimensions for installation.




Image: Spring-loaded speaker terminal for wire connection.



Image: Installing the speaker into the ceiling.

## 2. Amplifier Connection

Connect the speaker wires from each speaker to the corresponding channels on the 4-channel Bluetooth amplifier. Ensure correct polarity for all connections.




Image: Connection diagram for the speaker system.

### 3. Power Connection

Connect the provided 12V3A power adapter to the amplifier's power input. Plug the power adapter into a standard wall outlet. The amplifier will power on automatically.

## Operating Instructions

### 1. Bluetooth Pairing

1. Ensure the amplifier is powered on. The Bluetooth indicator light on the amplifier will be blinking, indicating it is in pairing mode.
2. On your mobile device (smartphone, tablet, etc.), go to the Bluetooth settings.
3. Search for available devices and select "Herdio" (or similar name) from the list.

4. Once connected, the Bluetooth indicator light on the amplifier will become solid. You can now play audio through the speakers.

### 2. Wireless Series Connection (TWS Mode)

The amplifier supports True Wireless Stereo (TWS) mode, allowing you to pair two amplifiers for a wider stereo soundstage.

- Power on both amplifiers.
- On one amplifier, press and hold the **VOL-TWS** button for 3 seconds to activate TWS mode. It will attempt to pair with another nearby amplifier.
- Once paired, the two amplifiers will function as a single stereo system.

### 3. Control Panel Functions

The amplifier features a control panel with various buttons for managing playback and settings:

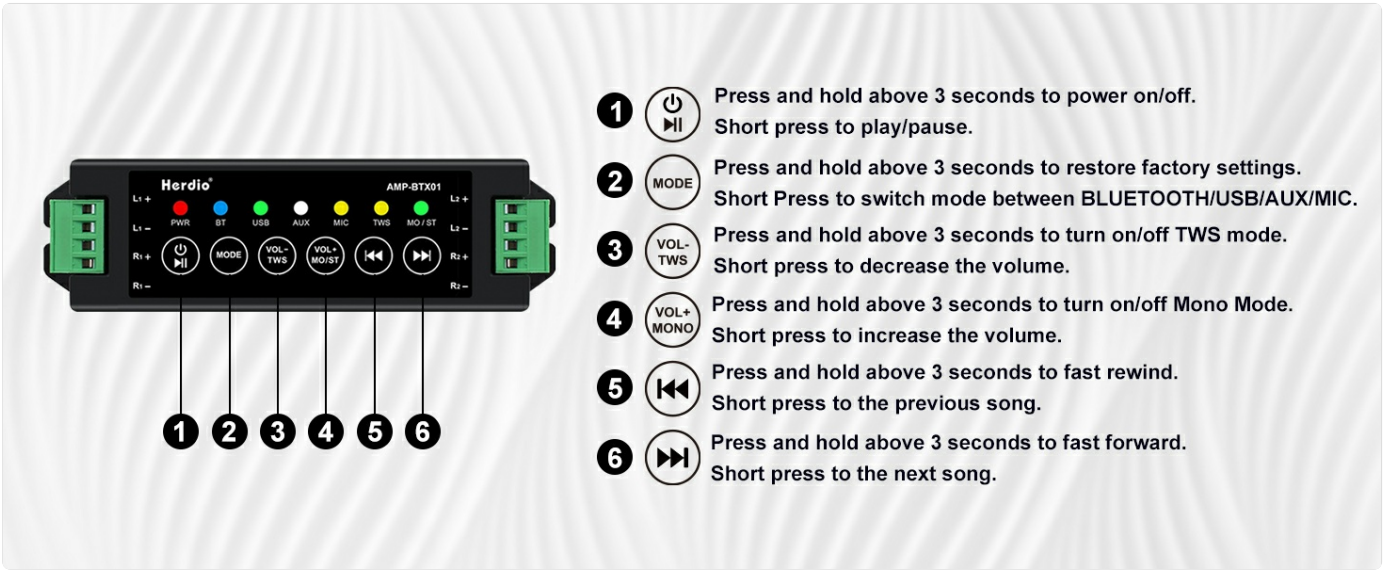



Image: Amplifier control panel and button functions.

1. **Power Button:** Press and hold for 3 seconds to power on/off. Short press to play/pause.
2. **Mode Button:** Press and hold for 3 seconds to restore factory settings. Short press to switch between Bluetooth/USB/AUX/MIC modes.
3. **VOL-TWS Button:** Press and hold for 3 seconds to turn on/off TWS mode. Short press to decrease the volume.
4. **VOL+MONO Button:** Press and hold for 3 seconds to turn on/off Mono Mode. Short press to increase the volume.
5. **Previous Track Button:** Press and hold for 3 seconds for fast rewind. Short press to go to the previous song.
6. **Next Track Button:** Press and hold for 3 seconds for fast forward. Short press to go to the next song.

## Maintenance

Regular maintenance will help prolong the life and performance of your Herdio speaker system.

- **Cleaning:** Use a soft, dry cloth to wipe down the speakers and amplifier. Do not use abrasive cleaners, waxes, or solvents.
- **Grille Care:** The speaker grilles are magnetic and can be removed for cleaning if necessary. Wipe them gently to remove dust.

- **Ventilation:** Ensure the amplifier has adequate ventilation to prevent overheating. Do not block any vents.
- **Wiring:** Periodically check all wire connections to ensure they are secure and free from damage.

## Troubleshooting

If you encounter issues with your Herdio speaker system, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|---|---|---|
| No sound from speakers | • Power not connected<br>• Incorrect wiring<br>• Bluetooth not paired<br>• Volume too low | • Ensure power adapter is plugged in and amplifier is on.<br>• Check speaker wire connections for correct polarity (+/-).<br>• Verify Bluetooth is paired and connected to the amplifier.<br>• Increase volume on both the amplifier and your source device. |
| Poor sound quality / Distortion | • Loose wire connections<br>• Source audio quality<br>• Volume too high | • Check all speaker wire connections.<br>• Try a different audio source or file.<br>• Reduce the volume on the amplifier or source device. |
| Bluetooth disconnects frequently | • Device too far from amplifier<br>• Interference | • Ensure your device is within the 100ft Bluetooth range.<br>• Move away from other wireless devices that may cause interference.<br>• Try re-pairing the Bluetooth connection. |
| Cannot pair Bluetooth | • Amplifier not in pairing mode<br>• Device already connected to another Bluetooth device | • Ensure the Bluetooth indicator light is blinking. If not, short press the Mode button to switch to Bluetooth mode.<br>• Disconnect your device from any other Bluetooth connections.<br>• Restart both the amplifier and your device. |

## Specifications

| Feature | Specification |
|---|---|
| Model Name | HCS-4-628BT |
| Speaker Type | Woofer (Coaxial 2-way) |

| Feature | Specification |
| --- | --- |
| Speaker Size | 6.5 Inches |
| Speaker Maximum Output Power | 600 Watts (Peak) |
| Power Output (Amplifier) | 150 Watts MAX |
| Sensitivity | 89dB |
| Impedance | 8 Ohm |
| Frequency Response | 50Hz-20kHz |
| Wireless Communication Technology | Bluetooth 5.0 |
| Maximum Bluetooth Range | 100 Feet (unobstructed) |
| Control Method | App (via Bluetooth), On-board buttons |
| Product Dimensions (Speaker) | 7.5"D x 7.5"W x 3.93"H (19cm x 19cm x 10cm) |
| Cut-Out Diameter | 6.3" (16cm) |
| Mounting Depth | 3.15" (8cm) |
| Power Source | Corded Electric |
| Color | White |
| Number of Items | 4 Speakers + 1 Amplifier |

## Warranty and Support

Herdio products are designed for reliability and performance. For specific warranty details and terms, please refer to the warranty card included with your product or visit the official Herdio website.
If you require technical assistance or have questions regarding your Herdio 6.5" Bluetooth Ceiling Speaker system, please contact Herdio customer support through the following channels:

- **Online Support:** Visit the Herdio website for FAQs, troubleshooting guides, and contact forms.
- **Email Support:** Refer to your product packaging or the Herdio website for the customer support email address.
- **Amazon Store:** For purchases made on Amazon, you can also contact the seller, Herdio Direct, through your Amazon order history for support.

Please have your model number (HCS-4-628BT) and purchase date ready when contacting support.

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## Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question