

[Manuals.plus](#) /

› [Herdio](#) /

› Herdio 5.25 Inch Bluetooth Ceiling Speakers Instruction Manual

Herdio HCS528-16BT-4CH-US

Herdio 5.25 Inch Bluetooth Ceiling Speakers Instruction Manual

Model: HCS528-16BT-4CH-US

Brand: Herdio

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Herdio 5.25 Inch Bluetooth Ceiling Speakers with Wall Mount Amplifier Receiver. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.



Image: Overview of the Herdio 5.25 Inch Bluetooth Ceiling Speakers and the accompanying wall mount amplifier.

WHAT'S IN THE BOX

Verify that all components are present in the package:

- 4 x 5.25" Ceiling Speakers
- 1 x HWA-16BT-US Wall Mount Amplifier Receiver
- 2 x Speaker Connection Wires
- 1 x PWR-12V3A-US Power Adapter
- 1 x Herdio Owner's Manual (this document)

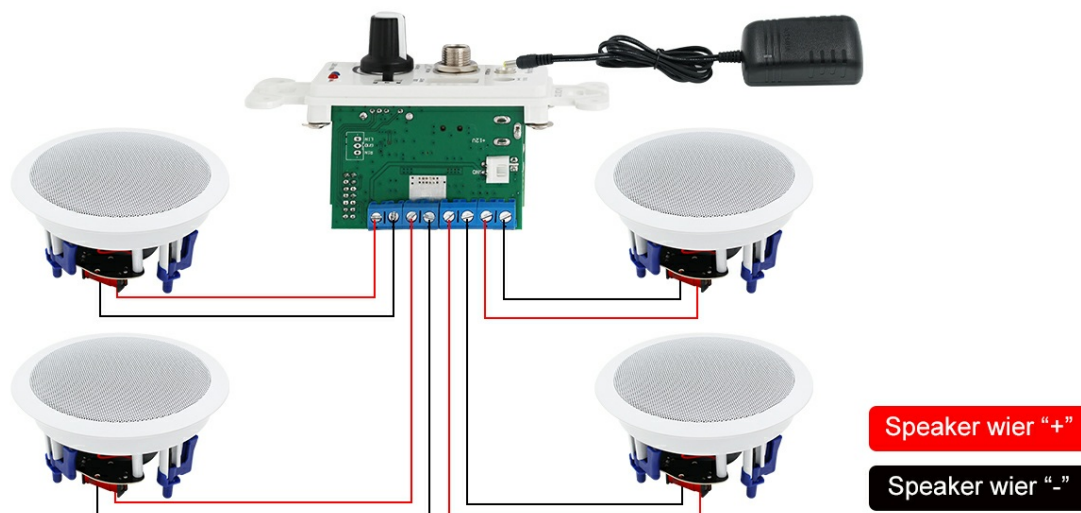


Image: Diagram illustrating all items included in the product package.

SETUP AND INSTALLATION

The Herdio ceiling speakers are designed for flush mounting in ceilings or walls. The wall-mounted amplifier provides convenient control and connectivity.

1. Speaker Placement

Plan the optimal placement for your four ceiling speakers to ensure balanced sound distribution in your desired area (e.g., living room, kitchen, office). Ensure there is sufficient clearance behind the mounting surface for the speaker depth.



Image: Illustration of the flush mount design and various application environments for the speakers.

2. Cutting the Mounting Holes

Using the provided template (if available, or refer to the cut-out diameter in specifications), carefully mark and cut circular holes in your ceiling or wall. The cut-out diameter is approximately 7.3 inches (18.5 cm).



Image: Rear view of a ceiling speaker, highlighting the spring-loaded mounting clips for easy installation.

3. Wiring the Speakers

Connect the speaker wires to the terminals on the back of each speaker. Ensure correct polarity (+ to + and - to -). Run the speaker wires through the ceiling/wall to the location of the wall mount amplifier.

INDEPENDENT 4 CHANNEL WALL BLUETOOTH AMPLIFIER

BT/AUX-IN /MIC IN /USB /Volume Control

-  MIC IN: 1/4 Microphone Input Connector Jack
-  USB PORT: USB Card Reader&USB Charge(5V 1A)
-  VOLUME/ON/OFF: Master Volume Control with Power ON/OFF
-  5.0 BT: Signal LED; BT Wireless Music function allows you connect & Stream
-  AUX IN: (3.5mm)Audio Input Jack can Connect & Instantly Stream Audio From your Favorite Devices



Image: Detailed connection diagram for the 4-channel amplifier, showing speaker output terminal connectors.

IN WALL BLUETOOTH AMPLIFIER SPECS:

- Power Output:
100 Watt Peak, 40 Watt RMS x 4 Ch. @ 4 Ohm
- Advanced Technology Bluetooth Version: 5.0
- Wireless Range: 30' Feet (10 Meters)
- Mic Input Type: Dynamic
- Power Amp Type: Stereo Class-D
- Minimum Load Resistance:4 Ohm
- T.H.D.:0.03%(8 Ohm,1KHZ)
- Power Draw:12V 3Amps
- Power:DC 100-240V,50/60Hz(12V DC Adapter)



Image: Visual guide for connecting the speakers to the amplifier, indicating positive and negative terminals.

4. Installing the Speakers

Insert each speaker into its respective mounting hole. The spring-loaded clips will secure the speaker in place. Ensure the speaker grille is flush with the ceiling/wall surface.

5. Installing the Wall Mount Amplifier

Install the HWA-16BT-US wall mount amplifier into a standard wall gang box. Connect the speaker wires to the amplifier's output terminals. Connect the power adapter (PWR-12V3A-US) to the DC 12V input on the amplifier and plug it into a power outlet.



Image: Front view of the wall plate amplifier, showing the AUX IN port and other controls.

OPERATING INSTRUCTIONS

The wall mount amplifier provides multiple input options and controls for your audio system.

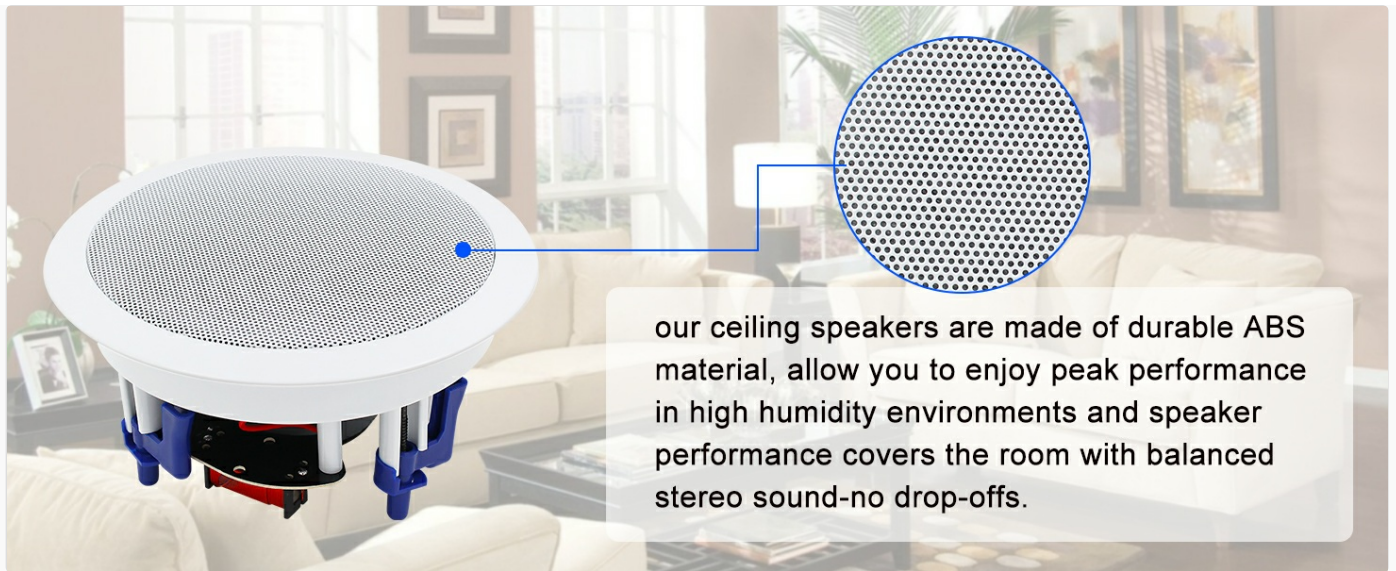


Image: Detailed diagram of the amplifier's control panel, indicating functions of each button and port.

1. Power On/Off and Volume Control

Rotate the large knob on the amplifier to turn the unit ON/OFF and adjust the master volume. The Power LED will illuminate when the unit is on.

2. Input Selection

Use the input selection switch to choose between Bluetooth (BT), AUX, or MIC input modes.

3. Bluetooth Connectivity

1. Switch the input selector to "BT". The Bluetooth Signal LED will blink, indicating pairing mode.
2. On your smart device (smartphone, tablet, PC), search for Bluetooth devices and select "Herdio" or "HWA-16BT".
3. Once connected, the Bluetooth Signal LED will remain solid. You can now stream audio wirelessly. The wireless range is approximately 30+ feet (10 meters).

4. AUX Input

Connect an external audio device (e.g., MP3 player, TV) to the 3.5mm AUX IN jack using a standard audio cable. Switch the input selector to "AUX" to play audio from this source.

5. USB Input

Insert a USB flash drive into the USB port for media playback. This port also functions as a charging port (5V/1A) for your devices. Switch the input selector to "USB" to play audio from the USB drive.

6. Microphone Input

Connect a microphone to the 1/4" MIC IN jack for paging or announcements. Adjust the microphone volume as needed. This input is active when the input selector is set to MIC.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Herdio ceiling speakers and amplifier.

- **Cleaning:** Use a soft, dry cloth to clean the speaker grilles and amplifier faceplate. Do not use harsh chemicals or abrasive cleaners.
- **Environment:** While the speakers are made of durable ABS material and are suitable for high humidity

environments, avoid direct exposure to water or extreme temperatures.

- **Connections:** Periodically check all wiring connections to ensure they are secure and free from corrosion.

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 adapter not connected or faulty. • Amplifier is off or volume is too low. • Incorrect input selected. • Speaker wires are loose or incorrectly connected. • Audio source device issue.	• Ensure power adapter is securely connected and plugged into a working outlet. • Turn on the amplifier and increase the volume. • Select the correct input (BT, AUX, USB, MIC). • Check all speaker wire connections for proper polarity and tightness. • Verify the audio source device is playing and its volume is up.
Bluetooth not connecting	• Amplifier not in Bluetooth pairing mode. • Device is out of range. • Previous device still connected.	• Ensure input is set to "BT" and the Bluetooth LED is blinking. • Move your device closer to the amplifier (within 30 feet). • Disconnect from any previously paired devices or restart the amplifier.
Poor sound quality (distortion, low volume)	• Low quality audio source. • Incorrect wiring. • Speaker impedance mismatch (unlikely with included components). • Volume levels too high on source or amplifier.	• Try a different audio source or higher quality audio files. • Double-check speaker wiring for correct polarity. • Reduce volume on both the source device and the amplifier.

SPECIFICATIONS

Key technical specifications for the Herdio 5.25 Inch Bluetooth Ceiling Speakers and Amplifier:

Feature	Detail
Model Name	HCS528-16BT-4CH-US
Speaker Type	2-Way Full Range, Tweeter
Speaker Size	5.25 Inches (Woofer and Tweeter Diameter)
Speaker Maximum Output Power	600 Watts (Total for 4 speakers, 150W each)
Amplifier Power Output	100 Watt Peak, 40 Watt RMS x 4 Ch. @ 4 Ohm

Feature	Detail
Impedance	8 Ohm
Connectivity Technology	Bluetooth 5.0
Wireless Range	30+ Feet (10 Meters)
Audio Output Mode	Stereo
Mounting Type	Ceiling Mount, Wall Mount
Product Dimensions (Speaker)	8.46"D x 7.3"W x 4.33"H (21.5cm Diameter, 18.5cm Cut-out, 11cm Depth)
Product Dimensions (Amplifier)	4.5"H x 2.75"W (11.43cm H x 6.89cm W)
Material	Metal, Plastic (ABS Environmental Protection Material)
Special Features	Dustproof, Multi Room Audio, Noise Canceling, Shockproof, Waterproof (Speakers)
Power Source	Corded Electric (DC 12V)
Included Components	4x Ceiling Speakers, HWA-16BT-US Amplifier, 2x Speaker Cables, PWR-12V3A-US Power Adapter, Owner's Manual

4CH AMP

Connection	
A	Power supply:12V DC IN BLACK-
B	Power supply:12V DC IN RED+
c	Audio Auxiliary input-Black(Ground)
d	Audio Auxiliary input-Red(Left)
e	Audio Auxiliary input-White(Right)
1	Speaker Output L1-
2	Speaker Output L1+
3	Speaker Output L2-
4	Speaker Output L2+
5	Speaker Output R1-
6	Speaker Output R1+
7	Speaker Output R2-
8	Speaker Output R2+

Image: Diagram showing the dimensions of the ceiling speakers and the wall mount amplifier.

WARRANTY INFORMATION

The Herdio 5.25 Inch Bluetooth Ceiling Speakers and Wall Mount Amplifier come with a Limited Warranty. For specific details regarding the duration and terms of your warranty, please refer to the warranty card included in your package or contact Herdio customer support.

SUPPORT

For further assistance, technical support, or inquiries regarding your Herdio product, please visit the official Herdio

website or contact their customer service department. Contact information can typically be found on the product packaging or the brand's official online presence.

Online Resources: www.herdio.tech.com

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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