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› [Herdio 5.25" Home Audio Package Wall Mount Bluetooth Amplifier Receiver System with In-Ceiling Wall Passive Speakers \(Model HCS 528-16BT\) Instruction Manual](#)

## Herdio HCS 528-16BT

# Herdio 5.25" Home Audio Package Wall Mount Bluetooth Amplifier Receiver System with In-Ceiling Wall Passive Speakers (Model HCS 528-16BT) Instruction Manual

## 1. SAFETY INFORMATION

Please read all safety instructions carefully before installing or operating this product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Power Source:** Use only the provided power adapter. Ensure the power supply voltage matches the product's requirements.
- **Water and Moisture:** Do not expose this product to water, moisture, or extreme humidity. Avoid installation in areas where water contact is possible.
- **Heat:** Do not install near heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- **Ventilation:** Ensure proper ventilation around the amplifier unit. Do not block any ventilation openings.
- **Installation:** Installation should be performed by qualified personnel following local electrical codes. Ensure all wiring is secure and properly insulated.
- **Cleaning:** Disconnect power before cleaning. Use a dry cloth only. Do not use liquid cleaners or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

## 2. PRODUCT OVERVIEW

The Herdio 5.25" Home Audio Package provides a versatile sound solution for various indoor environments. It includes a wall-mount Bluetooth amplifier receiver and two 5.25-inch in-ceiling passive speakers. The system supports multiple audio input options, including Bluetooth, AUX, and USB, along with a microphone input for paging or announcements.

### 2.1. Wall Mount Bluetooth Amplifier Receiver

This compact amplifier unit is designed to fit into a standard wall plate, offering convenient access to controls and connectivity. It features a master volume knob, input selection switch, USB port for media playback and device charging, a 3.5mm AUX-in jack, and a 1/4" MIC-in jack.

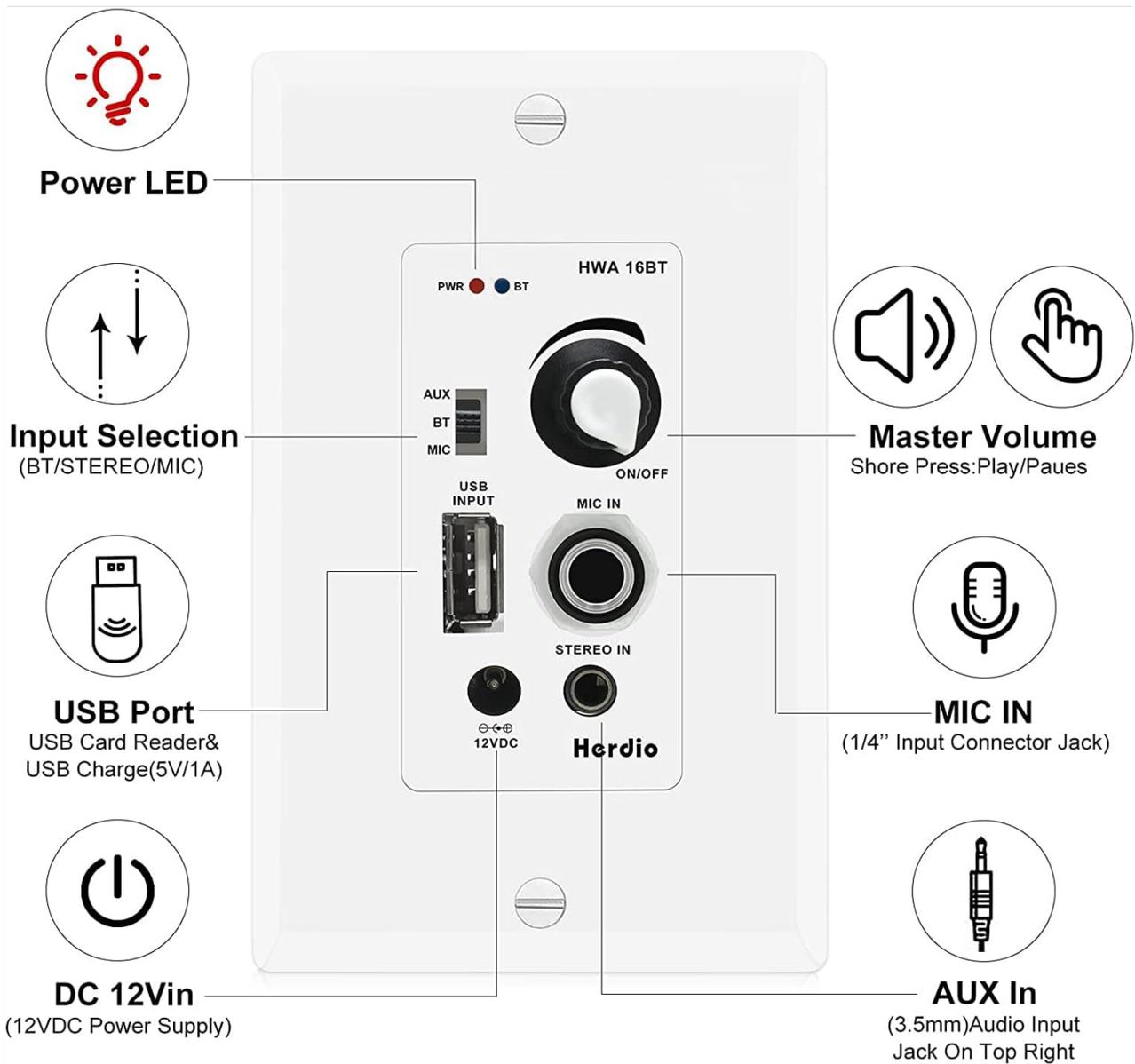


Figure 1: Wall Mount Amplifier Controls. This image displays the front panel of the wall-mount amplifier, detailing the power LED, input selection switch (AUX, BT, MIC), USB port, master volume/power knob, MIC IN jack, and AUX IN jack.

# USB INTERFACE

MP3 Flash Drive Reader Or  
Device Charge Port

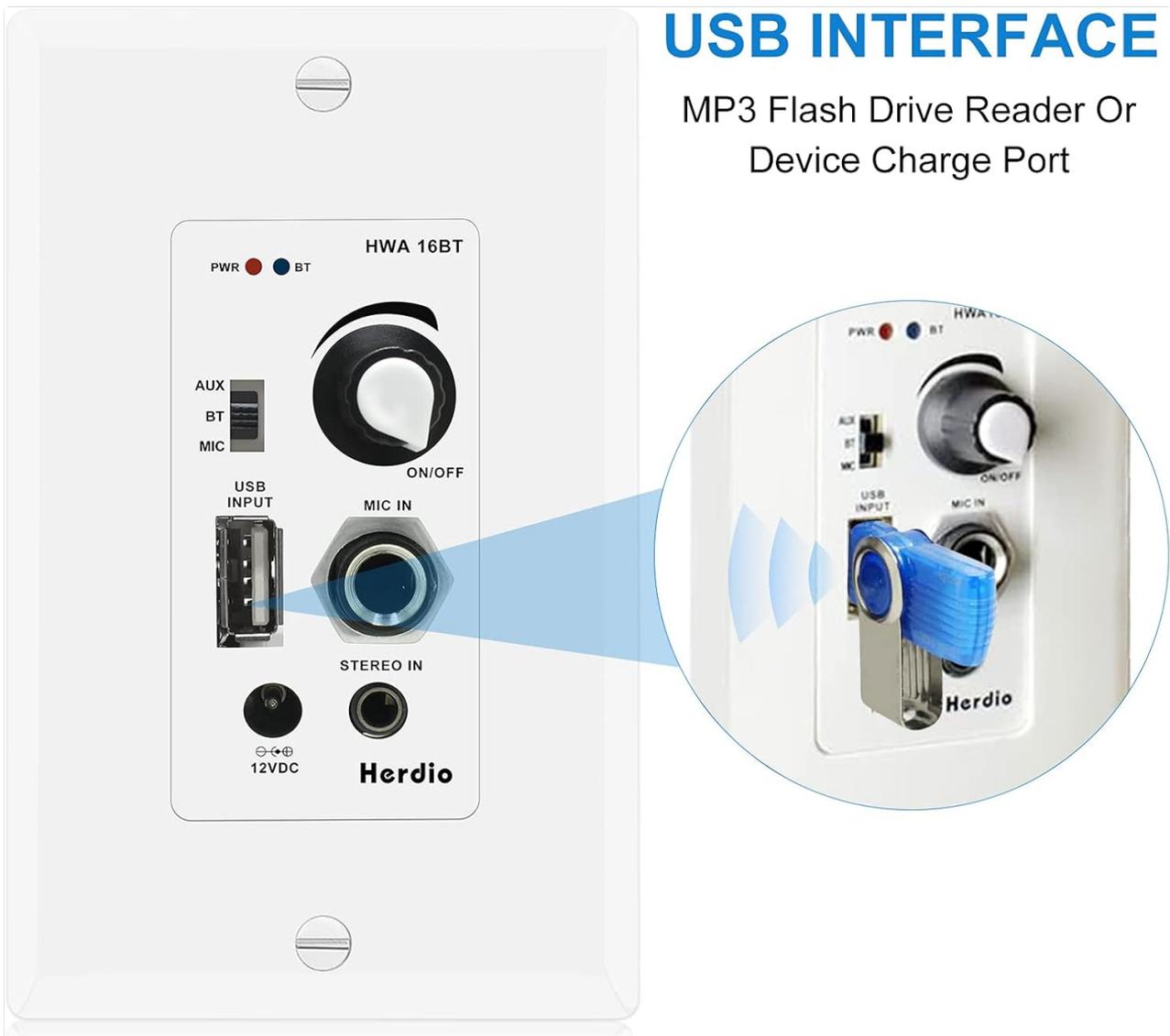
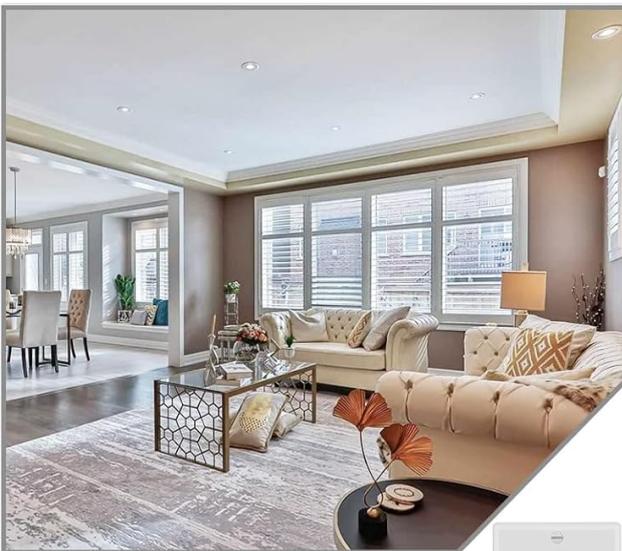


Figure 2: USB Interface. This image shows a USB flash drive inserted into the USB input port on the wall-mount amplifier, illustrating its function for media playback or device charging.

## 2.2. 5.25-inch In-Ceiling Passive Speakers

The system includes two 5.25-inch passive speakers designed for flush mounting in ceilings or walls. These speakers are engineered to reproduce clear sound with good responsiveness, suitable for various audio applications.



**HOME**



**SHOP**



**HOTEL**



**COMPANY**

Figure 3: In-Ceiling Speaker Design. This image highlights the speaker's design, emphasizing its powerful bass capabilities and integrated coaxial tweeter for balanced audio output.

### 3. WHAT'S IN THE BOX

Carefully unpack the contents and ensure all items are present:

- 1x Bluetooth In-Wall Audio Receiver Wall Plate
- 1x 12V Power Supply
- 2x Screws for Wall Plate Installation
- 2x 5.25-inch In-Ceiling Speakers (Model HCS-528)
- 2x Speaker Wires
- 1x User Manual for Amplifier
- 1x User Manual for Speakers
- 2x Gaskets for Speakers
- 1x Cutout Template for Speakers

# PACKAGE INCLUDE



Figure 4: Package Contents. This image displays all components included in the Herdio 5.25" Home Audio Package, laid out for verification.

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Video 1: Herdio Home Audio Package Unboxing. This video demonstrates the unboxing process and shows all included components of the Herdio audio package.

## 4. SETUP

### 4.1. Wall Mount Amplifier Installation

1. **Prepare the Wall:** Ensure you have a standard electrical wall box available for installation.
2. **Connect Power Cable:** Connect the 12V DC power cable (red positive, black negative) to the two-pin connector on the back of the amplifier module.
3. **Connect Audio Cable:** Connect the stereo input audio cable to the three-pin connector on the back of the amplifier module.
4. **Mount the Amplifier:** Carefully insert the amplifier module into the wall box. Secure it using the provided

screws.

5. **Attach Faceplate:** Place the decorative faceplate over the amplifier and secure it.



Figure 5: Wall Mount Amplifier Installation. This image illustrates the process of installing the wall-mount amplifier into a standard electrical box.

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Video 2: Herdio Wall Mount Amplifier Installation. This video provides a step-by-step guide on how to install the wall-mount amplifier system.

## 4.2. Ceiling Speaker Installation

1. **Determine Location:** Choose appropriate locations in the ceiling or wall for the speakers, ensuring no obstructions behind the surface.
2. **Cut Opening:** Use the provided cutout template to mark and cut a circular opening in the ceiling/wall. The cutout diameter is 7.3 inches (18.5 cm).
3. **Remove Speaker Grille:** Gently remove the speaker grille using a small tool or screwdriver.
4. **Insert Speaker:** Insert the speaker into the cutout opening.
5. **Secure Speaker:** Tighten the speaker clips with screws to firmly secure the speaker in place.
6. **Replace Grille:** Carefully place the speaker grille back onto the speaker.

# Installation Dimension

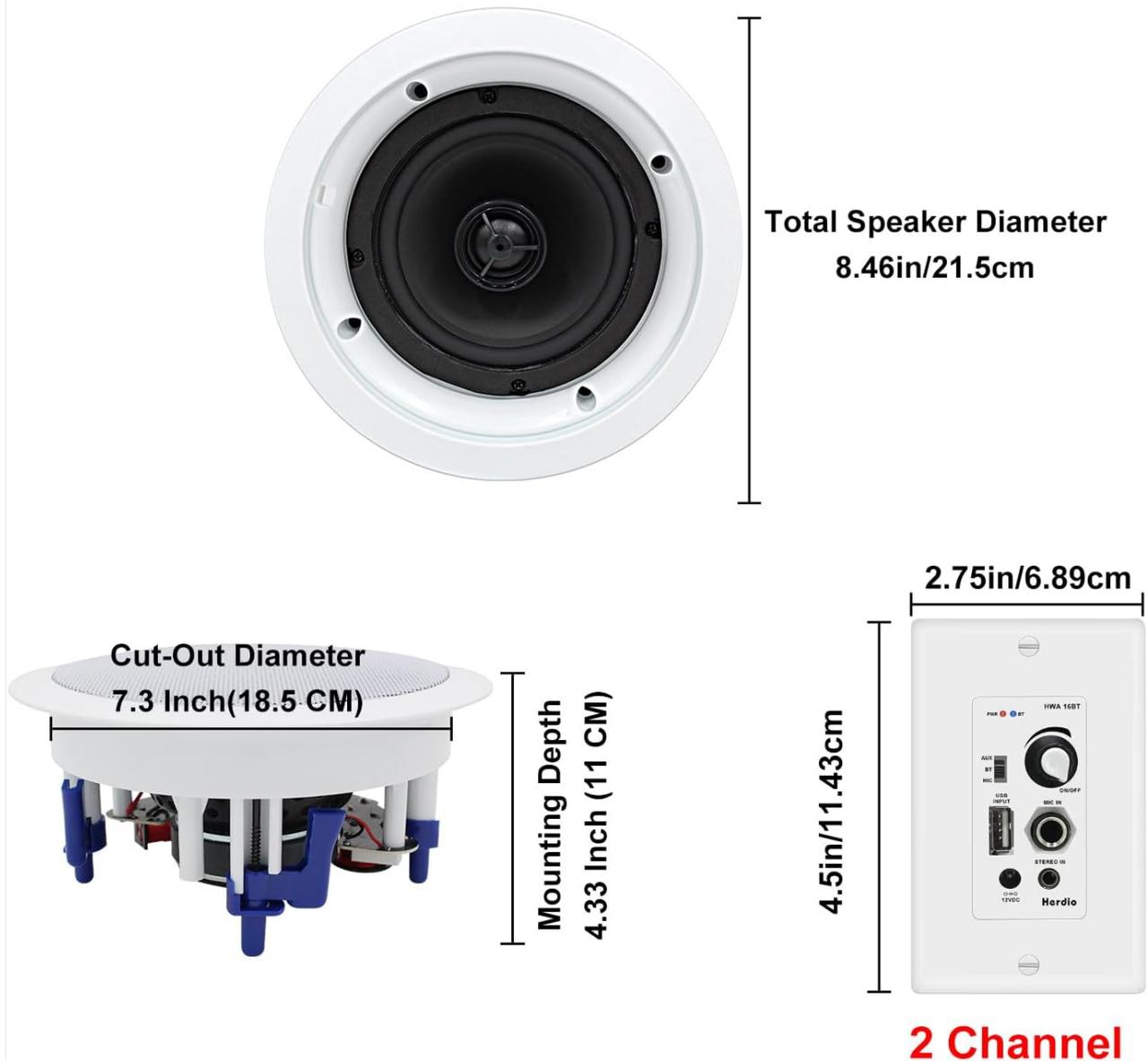


Figure 6: Installation Dimensions. This diagram provides the total speaker diameter (8.46 inches / 21.5 cm), cutout diameter (7.3 inches / 18.5 cm), speaker depth (4.33 inches / 11 cm), and wall plate dimensions (4.5 inches / 11.43 cm height, 2.75 inches / 6.89 cm width).



Figure 7: Removing Speaker Grille. This image shows how to carefully remove the speaker's protective grille.



Figure 8: Securing Speaker Clips. This image demonstrates tightening the speaker clips with screws to ensure a secure fit in the ceiling or wall.



Figure 9: Replacing Speaker Grille. This image shows the final step of placing the speaker grille back onto the installed speaker.

### 4.3. Wiring the System

1. **Connect Speaker Wires to Speakers:** Connect the provided speaker wires to the terminals on the back of each speaker. Ensure red wire connects to positive (+) and black wire to negative (-).
2. **Connect Speaker Wires to Amplifier:** Connect the other end of the speaker wires to the speaker output terminals on the back of the wall-mount amplifier. Use a screwdriver to loosen the terminal screws, insert the wires (red to SPK+, black to SPK-), and tighten the screws to secure the connection.
3. **Connect Power Supply:** Plug the 12V power supply into a standard electrical outlet and connect its DC plug to the 12V DC input jack on the wall-mount amplifier.

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Video 3: Wiring and Bluetooth Pairing. This video demonstrates how to connect the speaker cables to the amplifier and speakers, and then how to pair a Bluetooth device.

## 5. OPERATING INSTRUCTIONS

### 5.1. Powering On/Off and Volume Control

To power on the system, turn the master volume knob clockwise. You will hear an audible 'drop' sound, and the power LED (PWR) will illuminate. Continue turning the knob clockwise to increase the volume. To power off, turn the knob counter-clockwise until it clicks.

### 5.2. Input Selection

Use the input selection switch on the amplifier's front panel to choose between AUX, BT (Bluetooth), or MIC

inputs.

### 5.3. Bluetooth Pairing

1. Switch the input selector to 'BT'. The Bluetooth LED will flash, indicating it is in pairing mode.
2. On your mobile device (smartphone, tablet, etc.), enable Bluetooth and search for available devices.
3. Select 'Herdio' from the list of available devices to pair.
4. Once successfully paired, the Bluetooth LED on the amplifier will remain steadily lit.
5. You can now play audio from your device through the Herdio speaker system.

### 5.4. Using USB Input

Insert a USB flash drive into the USB INPUT port for media playback. The amplifier will automatically detect and play audio files. This port also functions as a charging port for compatible devices (5V/1A).

### 5.5. Using AUX-In

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

### 5.6. Using MIC-In

Connect a microphone to the 1/4" MIC IN jack. Switch the input selector to 'MIC' for microphone input. This feature is suitable for paging or making announcements.

## 6. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the amplifier faceplate and speaker grilles. Avoid abrasive cleaners, solvents, or harsh chemicals.
- **Dust Removal:** Regularly dust the speaker grilles to prevent accumulation that could affect sound quality.
- **Environmental Conditions:** Keep the system in a dry environment, away from direct sunlight, extreme temperatures, and excessive dust.
- **Wiring Inspection:** Periodically check all wiring connections for tightness and signs of wear. Loose connections can lead to poor sound quality or intermittent operation.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound from speakers	<ul style="list-style-type: none"> <li>• Power not connected or turned on.</li> <li>• Incorrect input selected.</li> <li>• Speaker wires loose or incorrectly connected.</li> <li>• Volume too low.</li> <li>• Bluetooth not paired or connected.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure power supply is plugged in and amplifier is turned on.</li> <li>• Select the correct input source (AUX, BT, MIC).</li> <li>• Check all speaker wire connections at both the amplifier and speakers.</li> <li>• Increase the master volume.</li> <li>• Re-pair your Bluetooth device.</li> </ul>
Bluetooth not connecting	<ul style="list-style-type: none"> <li>• Amplifier not in pairing mode.</li> <li>• Device too far from amplifier.</li> <li>• Interference from other devices.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure input is set to 'BT' and Bluetooth LED is flashing.</li> <li>• Move your device closer to the amplifier (within 30 meters).</li> <li>• Turn off other Bluetooth devices nearby.</li> <li>• Try restarting both the amplifier and your device.</li> </ul>
Distorted sound	<ul style="list-style-type: none"> <li>• Volume too high.</li> <li>• Loose speaker connections.</li> <li>• Poor audio source quality.</li> </ul>	<ul style="list-style-type: none"> <li>• Reduce the volume.</li> <li>• Check speaker wire connections.</li> <li>• Test with a different audio source or file.</li> </ul>
USB playback not working	<ul style="list-style-type: none"> <li>• USB drive not formatted correctly.</li> <li>• Unsupported audio file format.</li> <li>• USB drive not fully inserted.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure USB drive is formatted to FAT32.</li> <li>• Check if audio files are in a supported format (e.g., MP3).</li> <li>• Re-insert the USB drive firmly.</li> </ul>

## 8. SPECIFICATIONS

Feature	Detail
Model Name	HCS 528-16BT
Mounting Type	Ceiling Mount (Speakers), Wall Mount (Amplifier)
Speaker Type	Surround Sound, 2-Way In-Ceiling Passive Speakers
Speaker Size	5.25 Inches (Woofer), 1 Inch (Tweeter)
Speaker Maximum Output Power	300 Watts
Frequency Response	20 KHz
Connectivity Technology	Bluetooth

Feature	Detail
Wireless Communication Technology	Bluetooth
Bluetooth Range	30 Meters
Special Features	AUX Input, USB Input (Media Playback/Charging), MIC Input
Power Source	Corded Electric (12V DC)
Product Dimensions (Amplifier)	4.5"H x 2.75"W (Wall Plate)
Product Dimensions (Speakers)	8.46"D x 7.3"W x 4.33"H (Total Diameter x Cutout Diameter x Depth)
Material	Acrylonitrile Butadiene Styrene (ABS)
Item Weight	7.04 pounds (Total Package)
Indoor/Outdoor Usage	Indoor

## 9. WARRANTY AND SUPPORT

This Herdio product is covered by a **1-Year Service Warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use.

The warranty does not cover damage caused by:

- Improper installation or operation.
- Accidents, misuse, abuse, or negligence.
- Unauthorized repairs or modifications.
- Power surges or lightning strikes.

For warranty claims, technical support, or customer service, please contact Herdio customer support through your retailer or visit the official Herdio website for contact information.