

STUDIOFINIX ST-HCS818BTX2-US

STUDIOFINIX 6.5 Inch Bluetooth Ceiling Speakers (Model ST-HCS818BTX2-US) User Manual

Brand: STUDIOFINIX | Model: ST-HCS818BTX2-US

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your STUDIOFINIX 6.5 Inch Bluetooth Ceiling Speakers. These 2-way speakers, combined with a 4-channel Bluetooth amplifier, are designed to deliver high-quality audio in various indoor environments.



Image: Overview of the STUDIOFINIX 6.5 Inch Bluetooth Ceiling Speakers, amplifier, and accessories included in the kit.

2. WHAT'S IN THE BOX

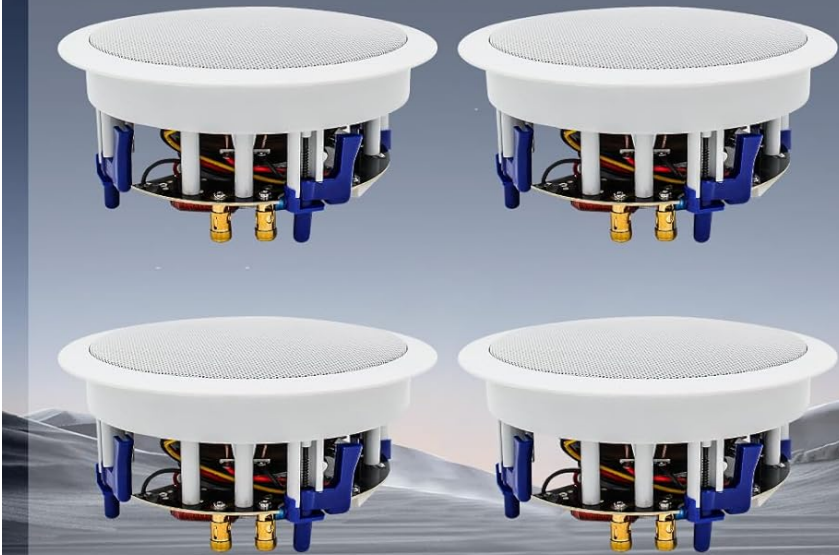
Verify that all components are present before beginning installation:

- 4 x 6.5" Ceiling Speakers
- 4 x Speaker Connection Wires
- 1 x Bluetooth Amplifier Box
- 1 x Power Adapter
- 1 x User Manual (this document)

What you Get

6.5 Inch Ceiling Passive Speaker

5 Meters Speaker Cable



4 Channel Bluetooth Amplifier

12V3A Power Adapter



Image: Diagram illustrating the components included in the package: four 6.5-inch ceiling speakers, speaker cables, a Bluetooth amplifier, a power adapter, and the user manual.

3. SPECIFICATIONS

Technical Specifications

Feature	Detail
Brand	STUDIOFINIX
Model Name	ST-HCS818BTX2-US
Speaker Type	In-Ceiling
Connectivity Technology	Bluetooth 5.0

Special Feature	Waterproof (for specific applications)
Recommended Uses	Indoor/Outdoor (covered patio)
Unit Count	4.0 Count (Speakers)
Product Dimensions	9.3"D x 9.3"W x 4.3"H (Speaker)
Mounting Depth	4.92 inches (12.5 cm)
Cut-Out Diameter	8.07 inches (20.5 cm)
Item Weight	19.29 pounds (total package)

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your ceiling speakers:

- Planning:** Determine the optimal placement for your speakers in the ceiling. Ensure there are no obstructions (e.g., electrical wires, pipes) behind the chosen locations.
- Cut-Out:** Use the provided template to mark the exact cut-out diameter on the ceiling. The required cut-out diameter is 8.07 inches (20.5 cm). Carefully cut the holes using an appropriate tool.
- Wiring:** Run speaker wires from the location of the Bluetooth amplifier to each speaker cut-out. Ensure sufficient length for connections.
- Speaker Connection:** Connect the speaker wires to the spring-loaded terminals on the back of each speaker. Match positive (+) and negative (-) terminals correctly.
- Mounting Speakers:** Insert each speaker into its respective ceiling cut-out. Tighten the four screws on the speaker frame. As you turn the screws, the mounting tabs will rotate and secure the speaker against the drywall. Continue screwing until the speaker is firmly in place.
- Amplifier Placement:** Position the Bluetooth amplifier in a suitable location, ensuring it is within range of your audio source and has access to a power outlet.
- Amplifier Wiring:** Connect the speaker wires from the ceiling speakers to the corresponding L+ (Left Positive), L- (Left Negative), R+ (Right Positive), and R- (Right Negative) terminals on the Bluetooth amplifier.
- Power Connection:** Connect the power adapter to the Bluetooth amplifier and then plug it into a wall outlet.

4 Channel Bluetooth Amplifier Box









- ①  Press and hold above 3 seconds to power on/off.
Short press to play/pause.
- ②  Press and hold above 3 seconds to restore factory settings.
Short Press to switch mode between BLUETOOTH/USB/AUX/MIC.
- ③  Press and hold above 3 seconds to turn on/off TWS mode.
Short press to decrease the volume.
- ④  Press and hold above 3 seconds to turn on/off Mono Mode.
Short press to increase the volume.
- ⑤  Press and hold above 3 seconds to fast rewind.
Short press to the previous song.
- ⑥  Press and hold above 3 seconds to fast forward.
Short press to the next song.

Image: Technical diagram detailing the product installation size, including total speaker diameter (9.25 inches / 23.5 cm), cut-out diameter (8.07 inches / 20.5 cm), and mounting depth (4.13 inches / 10.5 cm).

How to Connect it?

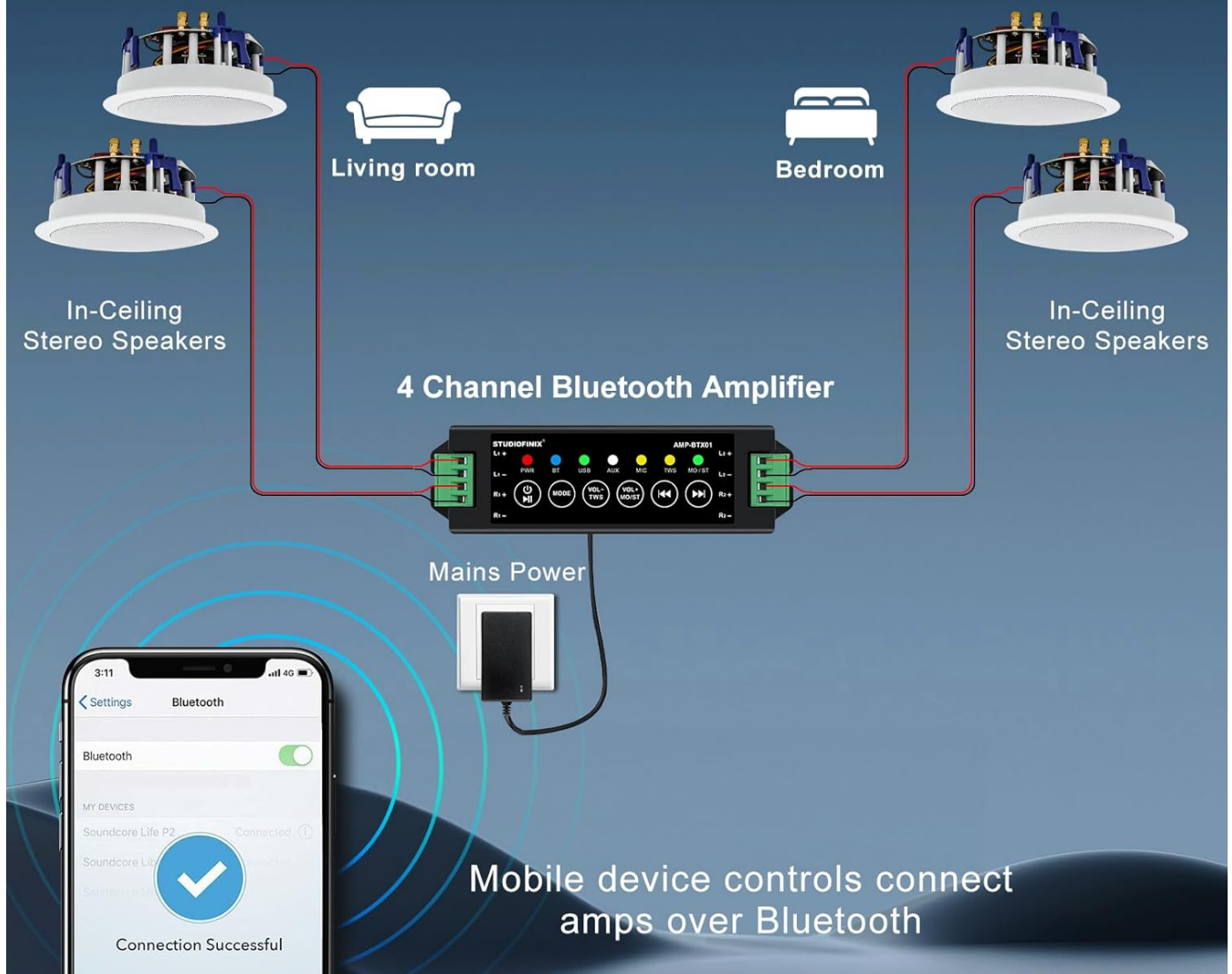


Image: Connection diagram showing four in-ceiling stereo speakers connected to a 4-channel Bluetooth amplifier, which is then connected to mains power. A mobile device is shown successfully connected via Bluetooth to the amplifier.

5. OPERATING INSTRUCTIONS

5.1. Bluetooth Pairing

To connect your audio device to the STUDIOFINIX Bluetooth Amplifier:

1. Ensure the amplifier is powered on. The Bluetooth indicator light will typically be blinking, indicating it is in pairing mode.
2. On your mobile device (smartphone, tablet, etc.), navigate to the Bluetooth settings.
3. Search for available Bluetooth devices. The amplifier will appear with a name that includes "818" (e.g., "STUDIOFINIX 818").
4. Select the amplifier from the list to pair. Once connected, the Bluetooth indicator light on the amplifier will become solid.

5. You can now play audio from your device through the ceiling speakers.

5.2. Amplifier Controls

The 4-channel Bluetooth amplifier features several controls for managing audio playback and settings:



Image: Close-up of the STUDIOFINIX 4-channel Bluetooth amplifier box, highlighting its buttons and ports. Numbered labels correspond to the control descriptions below.

1. Power/Play/Pause Button:

- Press and hold for 3 seconds to power on/off the amplifier.
- Short press to play or pause audio playback.

2. Mode/Factory Reset Button:

- Press and hold for 3 seconds to restore factory settings.
- Short press to switch between input modes: Bluetooth, USB, AUX, MIC.

3. Volume Down/TWS Mode Button:

- Press and hold for 3 seconds to turn on/off TWS (True Wireless Stereo) mode.
- Short press to decrease the volume.

4. Volume Up/Mono Mode Button:

- Press and hold for 3 seconds to turn on/off Mono Mode.
- Short press to increase the volume.

5. Previous Track/Fast Rewind Button:

- Press and hold for 3 seconds to fast rewind.
- Short press to go to the previous song.

6. Next Track/Fast Forward Button:

- Press and hold for 3 seconds to fast forward.
- Short press to go to the next song.

6. MAINTENANCE

To ensure the longevity and optimal performance of your STUDIOFINIX ceiling speakers:

- **Cleaning:** Gently wipe the speaker grilles and amplifier with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Grille Painting:** The speaker grilles are paintable. If you choose to paint them, ensure the paint is applied thinly and evenly to avoid clogging the perforations, which could affect sound quality.
- **Environmental Conditions:** While the speakers are designed for indoor/outdoor (covered patio) use and are noted as "Waterproof" in specifications, avoid direct exposure to heavy rain or extreme moisture to prevent damage to internal components.
- **Cable Management:** Periodically check speaker wire connections to ensure they are secure.

7. TROUBLESHOOTING

If you encounter issues with your STUDIOFINIX ceiling speakers, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speakers	<ul style="list-style-type: none">◦ Amplifier not powered on.◦ Incorrect speaker wiring.◦ Bluetooth not connected or wrong input mode selected.◦ Volume too low.	<ul style="list-style-type: none">◦ Ensure power adapter is connected and amplifier is on.◦ Check all speaker wire connections for correct polarity (+/-).◦ Verify Bluetooth connection on your device and amplifier. Press MODE button to cycle inputs.◦ Increase volume on both your device and the amplifier.

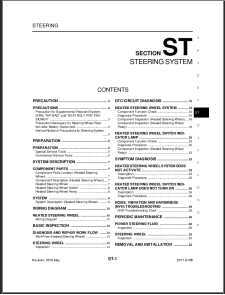
Poor sound quality (distortion, low bass)	<ul style="list-style-type: none">◦ Loose speaker connections.◦ Audio source quality.◦ Speaker placement.	<ul style="list-style-type: none">◦ Check all speaker wire connections.◦ Test with a different audio source or higher quality audio files.◦ Ensure speakers are not obstructed. Consider adding a subwoofer for enhanced bass.
Bluetooth connection issues	<ul style="list-style-type: none">◦ Device too far from amplifier.◦ Interference from other devices.◦ Amplifier in wrong mode.	<ul style="list-style-type: none">◦ Move your audio device closer to the amplifier.◦ Minimize other wireless devices operating nearby.◦ Press the MODE button to ensure Bluetooth mode is selected. Try unpairing and re-pairing.

8. WARRANTY AND SUPPORT

STUDIOFINIX products are designed for reliability and performance. For specific warranty information, please refer to the documentation included with your purchase or contact STUDIOFINIX customer support directly.

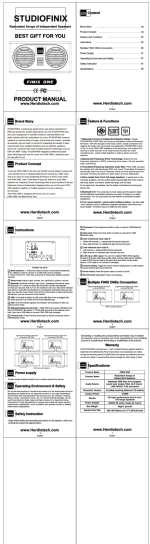
For technical assistance or further inquiries, please visit the official STUDIOFINIX website or contact their customer service department.

Related Documents - ST-HCS818BTX2-US



[Infiniti QX56 Steering System & Heated Wheel Service Manual](#)

Explore comprehensive service procedures, diagnostic guides, and technical specifications for the Infiniti QX56 steering system. This manual details the heated steering wheel functionality, including component descriptions, troubleshooting steps, and maintenance protocols.



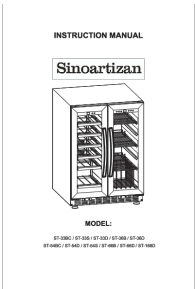
[STUDIOFINIX FINIX ONE Bluetooth Speaker - Product Manual & Specifications](#)

Comprehensive product manual for the STUDIOFINIX FINIX ONE speaker, detailing features, instructions, specifications, safety guidelines, and warranty information. Learn about its redundant speaker design, Bluetooth 5.0, and audio quality.



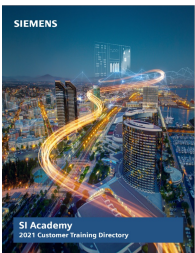
[LCN Special Template Chart for Door Closers](#)

A comprehensive chart detailing LCN special templates for various door closer series, including 4040XP, 2210, 4000, 1460, 5030, 2030, 3130, 4116, 4000T, 1460T, 2310ME, 4310ME, 4050T, 1260, and 4020 series. The chart specifies application types, mounting details, and necessary components or modifications for each special template.



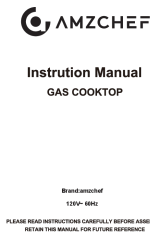
[Sinoartizan Wine Cooler Instruction Manual](#)

Comprehensive instruction manual for Sinoartizan wine coolers, covering safety, installation, operation, maintenance, troubleshooting, and technical specifications for various models including ST-33BC, ST-33S, ST-33D, ST-36B, ST-36D, ST-54BC, ST-54D, ST-54S, ST-66B, ST-66D, and ST-168D.



[SI Academy 2021 Customer Training Directory](#)

Siemens' SI Academy offers comprehensive training for building automation, fire safety, and security systems. Explore instructor-led, virtual, and web-based courses in the 2021 Customer Training Directory.



[AMZCHEF Gas Cooktop Instruction Manual - Installation, Operation & Safety Guide](#)

Comprehensive instruction manual for AMZCHEF gas cooktops, covering installation, operation, maintenance, troubleshooting, and safety guidelines. Includes model details and technical specifications for models like UL-30AMHG05D-ST and UL-36AMHG05-ST.