

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Jamo](#) /

› [Jamo 6.5CS In-Ceiling Speaker Instruction Manual](#)

Jamo 6.5CS

Jamo 6.5CS In-Ceiling Speaker Instruction Manual

Model: 6.5CS

1. PRODUCT OVERVIEW

The Jamo 6.5CS is a 2-way in-ceiling speaker designed for surround sound and home theater applications. It features a 6.5-inch polypropylene woofer and a Mylar tweeter, making it suitable for various environments, including those with occasional dampness like garages or basements. The speaker's paintable grille allows for seamless integration into any room decor.

Key Features:

- 2-way design for balanced audio reproduction.
- 6.5-inch polypropylene woofer for robust bass.
- Mylar tweeter for clear high-frequency response, moisture-resistant.
- Paintable grille and frame for discreet installation.
- Suitable for in-ceiling and in-wall installations.

2. SAFETY INFORMATION

Please read all safety instructions before installing or using your Jamo 6.5CS speakers. Retain this manual for future reference.

- **Installation:** Ensure proper mounting in ceilings or walls to prevent speakers from falling. Consult a qualified installer if unsure.
- **Wiring:** Always turn off power to audio equipment before making any connections. Use appropriate gauge speaker wire.
- **Moisture:** While the Mylar tweeter is moisture-resistant, avoid direct exposure to water or excessive humidity.
- **Heat:** Do not install speakers near heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- **Cleaning:** Disconnect speakers from power before cleaning. Use a soft, dry cloth.
- **Volume:** Prolonged exposure to high volume levels can cause hearing damage.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Jamo 6.5CS In-Ceiling Speaker (Pair)
- Paintable Grilles
- Installation Template
- Instruction Manual (this document)

4. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety. If you are not comfortable with electrical wiring or cutting into walls/ceilings, please consult a professional installer.

4.1 Planning Speaker Placement

Consider the acoustics of your room and the desired sound field. For surround sound, place speakers equidistant from the listening position. Ensure there are no obstructions (e.g., studs, electrical wires, plumbing) in the chosen installation area.

4.2 Cutting the Mounting Hole

1. Use the provided template to mark the desired cutout area on the ceiling or wall.
2. Carefully cut the opening using a drywall saw or appropriate tool. Ensure the cut is clean and precise.



Image 1: Jamo 6.5CS In-Ceiling Speaker with its paintable grille. This image shows the speaker ready for installation, highlighting its discreet design.

4.3 Wiring the Speakers

1. Turn off all power to your audio receiver/amplifier.
2. Run speaker wire from your receiver/amplifier to each speaker location. Leave enough slack for connections.
3. Strip approximately 1/2 inch (12mm) of insulation from the ends of the speaker wires.
4. Connect the positive (+) terminal of the speaker to the positive (+) terminal of the amplifier, and the negative (-) terminal of the speaker to the negative (-) terminal of the amplifier. Ensure correct polarity for optimal sound.



Image 2: Jamo 6.5CS In-Ceiling Speaker with the grille removed, revealing the 6.5-inch polypropylene woofer and the Mylar tweeter. This view is important for understanding the speaker's components and wiring terminals.

4.4 Mounting the Speakers

1. Insert the speaker into the cutout hole.
2. Tighten the mounting screws (usually located on the front baffle) evenly. These screws will engage the dog-leg clamps, securing the speaker to the ceiling/wall. Do not overtighten.
3. Attach the paintable grille by aligning it with the speaker frame and gently pressing until the magnets secure it in place.

5. OPERATING INSTRUCTIONS

Once installed and connected, your Jamo 6.5CS speakers are ready for use.

1. Turn on your audio receiver/amplifier.
2. Select the appropriate input source.
3. Adjust the volume to a comfortable listening level.
4. For optimal sound, refer to your receiver's manual for speaker setup and calibration, including setting speaker size (usually "small" for in-ceiling speakers) and crossover frequencies.

6. MAINTENANCE

The Jamo 6.5CS speakers require minimal maintenance.

- **Cleaning:** Gently wipe the grilles and frames with a soft, dry cloth to remove dust. Do not use harsh chemicals or abrasive cleaners.
- **Painting Grilles:** If you choose to paint the grilles, use a thin coat of spray paint. Ensure the paint does not

clog the perforations, which could affect sound quality. Remove the grille from the speaker before painting.

- **Inspection:** Periodically check speaker connections for tightness and ensure no wires are frayed or exposed.

7. TROUBLESHOOTING

If you experience issues with your Jamo 6.5CS speakers, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speaker	Loose or incorrect wiring. Receiver/amplifier not powered on or incorrect input selected. Speaker damaged.	Check all speaker wire connections at both the speaker and amplifier. Ensure correct polarity. Verify receiver/amplifier power and input selection. Test with another known working speaker or contact support.
Distorted sound	Volume too high. Incorrect amplifier settings. Damaged speaker.	Reduce volume. Check amplifier settings (e.g., bass/treble, EQ, crossover). Inspect speaker for physical damage.
Weak bass response	Incorrect speaker size setting on receiver. Phase issue (incorrect polarity). Room acoustics.	Set speaker size to "small" in receiver settings. Double-check speaker wire polarity. Consider adding a subwoofer for enhanced bass.

8. SPECIFICATIONS

Model Name:	6.5CS
Speaker Type:	In-Ceiling, In-Wall
Audio Output Mode:	Stereo, Surround
Speaker Maximum Output Power:	50 Watts
Subwoofer Diameter:	6.5 Inches
Number of Audio Channels:	2.0
Mounting Type:	Ceiling Mount
Item Weight:	4.8 Pounds
Power Source:	AC (via amplifier)
Waterproof:	No (Mylar tweeter is moisture resistant, but not fully waterproof)
UPC:	008634940129

9. WARRANTY AND SUPPORT

Jamo products are designed for reliability and performance. For specific warranty information, please refer to the warranty card included with your purchase or visit the official Jamo website. For technical support or service inquiries, please contact Jamo customer service through their official channels.

Jamo Official Website: www.jamo.com