

## Theater Solutions CS4C

# Theater Solutions CS4C In-Ceiling Surround Sound Home Theater Contractor Pair

## Instruction Manual

### INTRODUCTION

---

Theater Solutions by Goldwood CS4C Contractor Series In-Ceiling Speakers are designed to provide high-quality audio for home theater and whole-house audio systems. These speakers deliver lush bass and full-bodied sound, integrating seamlessly into new and existing audio setups. Constructed with moisture-resistant materials, they are suitable for various listening environments. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and longevity.

### PARTS LIST

---

Each Theater Solutions CS4C speaker package includes the following items:

- Two (2) Theater Solutions CS4C In-Ceiling Speakers with Grills
- Cut-out Template
- Instruction Manual

### SETUP AND INSTALLATION

---

#### Choosing a Location

For optimal sound dispersion, carefully select the location for installation. Consider the room acoustics and desired sound field for home theater or whole-house audio applications.

#### Required Tools

- Drill
- Drywall saw
- Wire strippers
- Screwdriver
- Measuring tape
- Pencil

#### Installation Steps

1. **Prepare the Opening:** Use the provided cut-out template to mark the desired speaker location on the ceiling. Ensure there are no obstructions (e.g., studs, electrical wires, plumbing) behind the drywall. Carefully cut the circular opening using a drywall saw. The required hole size is approximately 5.75 inches.



Image showing the Theater Solutions CS4C paint masking and cut-out template. This template is used to mark the precise circular opening required for speaker installation in the ceiling.

2. **Connect Speaker Wires:** Run speaker wires from your audio receiver or amplifier to the speaker opening. Strip approximately 0.5 inches of insulation from the ends of the speaker wires. Connect the positive (+) wire to the positive terminal on the speaker and the negative (-) wire to the negative terminal. The CS4C speakers use raw wire clamp or solder connections.



Image showing the rear view of the Theater Solutions CS4C in-ceiling speaker, highlighting the connection terminals and the 'Theater Solutions CS4C Made in China' label.

3. **Mount the Speaker:** Insert the speaker into the cut-out opening. The pressure lock mounting system will clamp tight to the drywall. Tighten the mounting screws (usually located on the front baffle) to secure the speaker firmly in place. Do not overtighten.



Image showing a single Theater Solutions CS4C in-ceiling speaker with its white perforated grill removed, revealing the black speaker cone and the white mounting frame with visible mounting tabs.

4. **Attach the Grill:** Carefully align the removable grill with the speaker frame and press it gently into place until it is securely seated. The grills can be painted to match your decor if desired.



Image showing a pair of Theater Solutions CS4C in-ceiling speakers with their white perforated grills attached, ready for installation.

## OPERATING INSTRUCTIONS

---

Once installed, the Theater Solutions CS4C speakers operate as passive speakers, meaning they require an external amplifier or receiver to function. Ensure your audio source (receiver, amplifier) is properly connected and configured.

- **Power On:** Turn on your audio receiver/amplifier.
- **Volume Control:** Adjust the volume level on your receiver/amplifier to a comfortable listening level. Avoid excessively high volumes that may cause distortion or damage to the speakers. The speakers are rated for up to 300 watts maximum output power.
- **Audio Source Selection:** Select the desired audio source (e.g., CD player, streaming device, TV) on your receiver/amplifier.
- **Sound Optimization:** Experiment with your receiver's equalizer or sound settings to optimize the audio output for your room's acoustics and personal preference.

## MAINTENANCE

---

Regular maintenance will help ensure the longevity and optimal performance of your Theater Solutions CS4C speakers.

- **Cleaning:** Dust the speaker grills periodically with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the speaker cone area. Do not use harsh chemicals or abrasive cleaners.
- **Grill Removal:** If you need to remove the grill for cleaning or painting, do so gently to avoid bending or damaging it. A small, flat tool can be used to carefully pry it off.
- **Environmental Conditions:** While moisture-resistant, avoid exposing the speakers to excessive humidity or direct water spray. Ensure the installation environment is within typical indoor temperature ranges.

## TROUBLESHOOTING

Problem	Solution
No Sound	Check all speaker wire connections at both the speaker and the receiver/amplifier. Ensure the receiver/amplifier is powered on and the correct input source is selected. Verify speaker wire polarity (+ to + and - to -).
Distorted Sound	Reduce the volume level on your receiver/amplifier. Check for loose speaker wire connections. Ensure the speaker wires are not frayed or shorting. Verify that the amplifier's power output is within the speaker's recommended wattage (up to 300 watts).
One Speaker Not Working	Check the connections for the non-working speaker. Swap the speaker wires at the receiver/amplifier to determine if the issue is with the speaker or the amplifier channel.
Grill Does Not Fit Properly	Ensure the grill is aligned correctly with the speaker frame. Check for any debris or obstructions preventing a flush fit.

## SPECIFICATIONS

Feature	Detail
Material	Plastic
Model Name	CS4C Ceiling Speakers
Speaker Type	Surround
Recommended Uses For Product	home theater
Subwoofer Diameter	4 Inches
Controller Type	Corded electric
Surround Sound Channel Configuration	2.0
Color	White
Included Components	2 speakers

Feature	Detail
Item Weight	2.5 Pounds
Impedance	8 Ohm
Number of Items	2
Speaker Size	4 Inches
Power Source	Corded Electric
Woofer Diameter	4 Inches
UPC	849155008024
Manufacturer	Goldwood Sound, Inc.
Product Dimensions	6.88 x 2 x 6.88 inches
Item model number	CS4C
Speaker Maximum Output Power	300 Watts
Connectivity Technology	Coaxial
Audio Output Mode	Surround
Mounting Type	Wall Mount, in_ceiling



## WARRANTY AND SUPPORT





For warranty information or technical support, please refer to the manufacturer's official website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

Manufacturer: Goldwood Sound, Inc.

Model: CS4C

### Related Documents - CS4C

	<p><a href="#">Theater Solutions TS212 Multimedia Speaker System User Manual</a></p> <p>User manual for the Theater Solutions TS212 2.1 channel multimedia speaker system, detailing package contents, specifications, features, remote control, system connections, speaker positioning, and FCC compliance.</p>
	<p><a href="#">Theater Solutions TS516BT 5.1 Multimedia Speaker System User Guide</a></p> <p>Comprehensive user guide for the Theater Solutions TS516BT 5.1 Multimedia Speaker System, covering package contents, specifications, features, front panel controls, remote operation, rear panel connections, system setup, and speaker placement recommendations.</p>

 <p>SURROUND SPEAKERS</p>	<p><a href="#">Bose Surround Speakers User Manual</a></p> <p>A comprehensive guide to setting up and using Bose Surround Speakers for an enhanced audio experience. Learn about placement, connections, troubleshooting, and safety instructions.</p>
	<p><a href="#">Klipsch Flexus Surr 200 Surround Speakers: Setup and Operation Guide</a></p> <p>A comprehensive guide to setting up and operating the Klipsch Flexus Surr 200 wireless surround speakers, covering installation, connectivity, and sound customization.</p>
	<p><a href="#">Polk MagniFi MAX SR: Maximum-Performance True 5.1 Home Theater Sound Bar System</a></p> <p>Discover the Polk MagniFi MAX SR, a true 5.1 home theater sound bar system delivering immersive surround sound, crystal-clear dialogue with VoiceAdjust technology, and deep bass. Features SDA Surround, Google Chromecast, and wide remote compatibility.</p>
	<p><a href="#">Sunyuey BKS-60 Sound Bar User Manual - Bluetooth, Surround Sound, Multi-Connection</a></p> <p>Comprehensive user manual for the Sunyuey BKS-60 sound bar. Learn how to set up, connect via Bluetooth, Optical, Aux, RCA, USB, or Micro SD, and operate your home theater system with the included remote control.</p>