

## Theater Solutions TSLCR5

# Theater Solutions TSLCR5 In-Wall Speaker Instruction Manual

Model: TSLCR5

## INTRODUCTION

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The Theater Solutions TSLCR5 In-Wall Speaker is designed to deliver high-quality audio performance for home theater and surround sound systems. This center channel speaker is engineered with precision to provide clear dialogue and a full-bodied sound experience. Its design allows for discreet installation within walls or ceilings, blending seamlessly into your living space while providing powerful audio output.

## SAFETY INFORMATION

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- Always disconnect power to the amplifier/receiver before making any connections or performing maintenance.
- Ensure proper wiring polarity (+ to + and - to -) to prevent damage to the speaker and amplifier.
- Do not expose the speaker to excessive moisture or extreme temperatures.
- When cutting into walls, always verify the absence of electrical wires, plumbing, or other obstructions using a stud finder and appropriate tools. Consult a professional if unsure.
- Keep small parts and packaging materials away from children to prevent choking hazards.

## PACKAGE CONTENTS

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Verify that all components are present in the package:

- 1 x Theater Solutions TSLCR5 In-Wall Speaker with Removable Grill
- 1 x Cut-Out Template
- 1 x Instruction Manual (this document)



Image: The cover of the instruction manual booklet, indicating the "Theater Solutions Reference Series In-Ceiling Speaker System Instruction Booklet".

## SETUP AND INSTALLATION

### Speaker Placement Guide

For optimal performance, consider the following placement guidelines for your TSLCR5 center channel speaker:

- **Center Channel:** Position the TSLCR5 directly above or below the center of your television or projection screen, at ear level when seated, if possible. This ensures clear dialogue and sound localization.
- **Surround Sound:** While primarily a center channel, this speaker can also be used for surround sound applications. For side surrounds, place them to the sides of the listening area, slightly behind and above ear level. For rear surrounds, place them behind the listening area.
- **Wall Structure:** Ensure the chosen location has sufficient depth and is free of studs, wiring, and plumbing. Use a stud finder to locate wall studs.

### Installation Instructions

#### 1. Prepare the Location:

Once you have selected the ideal location, use a stud finder to ensure there are no obstructions within the wall. Mark the exact center of your desired speaker placement.

#### 2. Trace the Cut-Out:

Place the provided cut-out template on the wall at the marked center. Use a pencil to carefully trace around the inside edge of the template. Ensure the template is level before tracing.

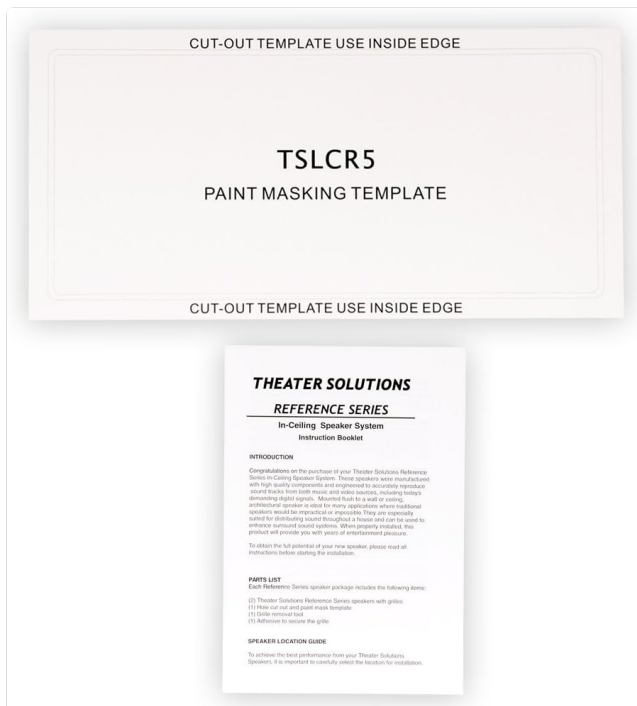


Image: A white paper template labeled "TSLCR5 PAINT MASKING TEMPLATE" with instructions to "CUT-OUT TEMPLATE USE INSIDE EDGE". This template is used to mark the precise opening for the speaker installation.

### 3. Cut the Opening:

Using a drywall saw or rotary tool, carefully cut along the traced line. Take caution to make a clean cut. Once the hole is cut, remove any debris.

### 4. Run Speaker Wire:

Run high-quality speaker wire (16-gauge or thicker recommended for runs under 50 feet) from your amplifier/receiver to the cut-out opening. Leave enough slack to comfortably connect to the speaker terminals.

### 5. Connect Speaker Wires:

Strip approximately 1/2 inch of insulation from the ends of the speaker wires. Connect the positive (+) wire (usually red or marked) from your amplifier to the red (+) terminal on the speaker. Connect the negative (-) wire (usually black or unmarked) from your amplifier to the black (-) terminal on the speaker. Ensure a secure connection by pressing down the spring-loaded terminals and inserting the bare wire.

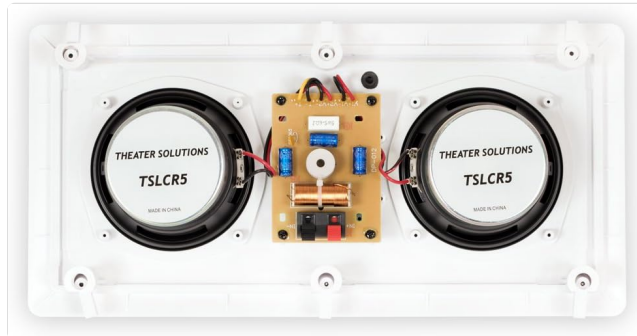


Image: The rear of the TSLCR5 speaker, displaying the internal components including the crossover network and the spring-loaded wire terminals for connecting speaker cables.

### 6. Mount the Speaker:

Carefully insert the speaker into the cut-out opening. The speaker features a unique wall locking mounting system. Tighten the mounting screws (usually located on the front baffle under the grill) which will cause the mounting clamps to pivot outwards and secure the speaker firmly to the drywall. Do not overtighten.



Image: A direct front view of the TSLCR5 in-wall speaker with its grill removed, showcasing the dual 5.25-inch woofers and the central tweeter.

### 7. Attach the Grill:

Once the speaker is securely mounted, carefully attach the paintable grill. The grill is designed to fit snugly over the speaker frame.



Image: The TSLCR5 in-wall speaker with its white, perforated grill partially removed, revealing the speaker components underneath and demonstrating how the grill attaches.

## OPERATING INSTRUCTIONS

The TSLCR5 is a passive speaker and requires an external amplifier or A/V receiver to operate. Ensure your amplifier/receiver is compatible with an 8-ohm impedance load.

- **Power On:** After installation, connect your amplifier/receiver to a power source and turn it on.
- **Source Selection:** Select the desired audio source (e.g., Blu-ray player, streaming device, TV) on your amplifier/receiver.
- **Volume Control:** Start with the volume at a low level and gradually increase it to your desired listening level.
- **Receiver Settings:** For optimal sound, configure your A/V receiver's speaker settings. Set the center channel speaker to "Small" or "Large" based on your system's subwoofer presence and crossover frequency. Consult your receiver's manual for detailed setup instructions.

## MAINTENANCE

The TSLCR5 speaker requires minimal maintenance to ensure long-lasting performance.

- **Cleaning:** Gently wipe the speaker grill and frame with a soft, dry cloth to remove dust. For stubborn marks, a slightly damp cloth can be used, but ensure no moisture enters the speaker components. Do not use harsh chemicals or abrasive cleaners.
- **Grill Painting:** The grill is paintable to match your wall color. Before painting, remove the grill from the speaker. Use light coats of spray paint to avoid clogging the perforations. Allow to dry completely before reattaching.
- **Inspection:** Periodically inspect the speaker and connections for any signs of wear or damage.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No Sound from Speaker	Speaker wires disconnected or incorrectly connected.	Check all speaker wire connections at both the speaker and amplifier. Ensure correct polarity (+ to +, - to -).
	Amplifier/receiver not powered on or incorrect input selected.	Verify amplifier/receiver is on and the correct audio input is selected.
	Amplifier/receiver protection mode activated.	Turn off amplifier/receiver, wait a few minutes, then turn back on. Check for short circuits in wiring.

Problem	Possible Cause	Solution
Distorted Sound	Volume too high, causing clipping.	Reduce volume.
	Loose speaker wire connections.	Check and secure all speaker wire connections.
	Amplifier power insufficient or too high.	Ensure your amplifier's power output is within the recommended range (20-200 watts) for the TSLCR5.
Speaker Grill Rattles	Grill not seated properly. Vibrations from high volume.	Remove and re-seat the grill firmly. Ensure the speaker is securely mounted in the wall.

## SPECIFICATIONS

Feature	Detail
Model	TSLCR5
Speaker Type	In-Wall Center Channel / Surround Speaker
Recommended Power	20-200 Watts
Efficiency (Sensitivity)	92dB
Frequency Response	30Hz-20 kHz
Impedance	8 Ohm
Design	3-Way Design
Woofers	Dual 5.25" Woven Fiber Bulletproof Cone Woofers with Butyl Rubber Surrounds
Tweeter	Pivoting PEI Dome Tweeter
Crossover	Second Order 12dB per Octave Crossover
Connector Type	5-Way Binding Post (Spring-loaded wire terminals)
Cut-Out Dimensions	16.25" x 7.5" (41.27 cm x 19.05 cm)
Overall Dimensions	17.625" x 8.75" (44.76 cm x 22.22 cm)
Mounting Depth	3.625" (9.2 cm)
Color	White (Paintable Frame and Grill)
Item Weight	7 Pounds (3.17 kg)
Material	Plastic
UPC	813282015040







## WARRANTY AND SUPPORT

Theater Solutions provides a **Lifetime Warranty** for the TSLCR5 In-Wall Speaker, ensuring peace of mind regarding its quality

and durability.

For technical support, warranty claims, or further assistance, please contact Theater Solutions customer service. Refer to the official Theater Solutions website or your purchase documentation for the most current contact information.

Related Documents - TSLCR5

	<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><a href="#">JBL Synthesis SDP-80 Quick Start Guide: Immersive Surround Preamplifier Setup and Connections</a></p> <p>This Quick Start Guide provides essential information for setting up and connecting the JBL Synthesis SDP-80 36-Channel Immersive Surround Preamplifier, including software introduction, network configuration, and front/rear panel details.</p>
	<p><a href="#">Pyle PT589BT Wireless BT 5.1 Channel Home Theater System User Manual</a></p> <p>Comprehensive user manual for the Pyle PT589BT Wireless BT 5.1 Channel Home Theater System, covering installation, operation, troubleshooting, and specifications. Learn how to set up your surround sound speakers, connect devices, and enjoy wireless audio.</p>
	<p><a href="#">Bobtot K79 5.1 Channel Home Theater System Quick Setup Guide</a></p> <p>This guide provides instructions for setting up and connecting the Bobtot K79 5.1 Channel Home Theater System, including speaker placement, system connections, and remote control functions.</p>
	<p><a href="#">Yamaha DSR-100PRO Natural Sound Digital Surround Decoder Operation Manual</a></p> <p>Comprehensive operation manual for the Yamaha DSR-100PRO Natural Sound Digital Surround Decoder. This guide details setup, system configurations, connections, controls, adjustments, playback modes, recording, troubleshooting, and specifications for achieving immersive Dolby Pro Logic Surround sound.</p>