

# JBL SCL-8

2-Way 5.25-inch (130mm) In-Ceiling Loudspeaker

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The most compact round in-ceiling model in the JBL Synthesis Custom Loudspeaker (SCL) series, the SCL-8 is designed for unparalleled performance in small to medium theater rooms for immersive applications as a height channel, or in high-performance two-channel applications and distributed whole-house audio. The SCL-8 features the patented JBL D2410H-2 1-inch (25mm) compression driver mated to an offset High Definition Imaging (HDI™) horn and an angled 5.25-inch advanced aluminum matrix cone cast-frame woofer with integral waveguide baffle allowing the loudspeaker to be “aimed”, focusing its output towards a specific listening area. The SCL-8 is acoustically designed to complement any of the JBL Synthesis Custom Loudspeakers (SCL series) as part of a complete JBL Synthesis solution.

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## Highlights:

- 2-way in-ceiling loudspeaker system designed for off-axis listening as height, in-ceiling LCR and surround channels
- Features 1-inch 2410H-2 compression driver tweeter mated to a JBL patented offset High-Definition Imaging (HDI™) horn assembly, angled toward listening area
- Complemented with a 5.25-inch (130mm) advanced aluminum matrix cone, cast frame woofer with waveguide baffle, angled to match HDI horn
- Patented Cat Claw mounting mechanism for faster installations
- Gold plated, spring-loaded binding posts
- Comes with paintable zero-bezel, magnetically attached round and square grilles
- Compatible with CB8 pre-construction bracket

## General Specifications:

- ▶ Type: 2-way in-ceiling loudspeaker
- ▶ Low Frequency Driver: 5.25" (130mm) advanced Aluminum Matrix cone cast-frame woofer (JW130AI-4)
- ▶ High Frequency Driver: 1" (25mm) 2410H-2 Teonex® annular ring-diaphragm compression driver
- ▶ Recommended Amplifier Power: 25 – 100W RMS
- ▶ Impedance: 4 Ohm
- ▶ Loudspeaker Sensitivity: 85dB/2.83V/1m
- ▶ Frequency Response: 55Hz – 30kHz (-6dB on-axis), 2pi anechoic
- ▶ Crossover Frequency: 1.8kHz
- ▶ High Frequency Coverage Angle (-6dB): 60° Vertical (Up: 30°, Down: 30°, from 45° Vertical Center line), 120° Horizontal, from 2kHz to 10kHz
- ▶ Enclosure Type: Open back
- ▶ Controls: Boundary Proximity Control
- ▶ Grille Dimensions: Round: 10.77" (273mm) Diameter; Square: 10.77" (273mm) x 10.77" (273mm)
- ▶ Product Dimensions (with grille): 10.77" H x 10.77" W x 4.73" D (273mm x 273mm x 120mm)
- ▶ Cut-out Diameter: 9.72" (247mm)
- ▶ Accessory Rough-in Bracket: CB8
- ▶ Mounting Depth: 4.54" (115mm)
- ▶ Input Type: Gold-plated spring-loaded binding posts
- ▶ Product Weight: 7.8 lb. (3.5kg)
- ▶ Shipping Weight: 10.6 lb. (4.8kg)
- ▶ Shipping Units of Measure: Each
- ▶ Warranty: 5 Years