**Product: JBL Synthesis SCL-7**

**Description Title:** SCL-7

**Descriptor:** 2-Way Dual 5.25-inch (130mm) In-Wall Loudspeaker

**Short Descriptor:** 2-Way Dual 5.25-inch (130mm) In-Wall Loudspeaker

**Short Description:** The SCL-7 is the smallest in-wall model in the expanded JBL Synthesis Custom Loudspeaker (SCL) series. It is designed for deployment in high-performance immersive audio systems in small to medium size rooms. The SCL-7 features JBL’s patented 2410H-2 1-inch (25mm) compression driver mated to an offset High Definition Imaging (HDI™) horn. This patented horn design is integrated with two 5.25-inch (130 mm) Advanced Aluminum Matrix cone cast-frame woofers into a precision molded baffle assembly. The innovative configuration yields incredibly smooth and consistent performance for off-axis placement up to 45 degrees from the listening position. The SCL-7 is acoustically designed to match any of the JBL Synthesis Custom Loudspeakers (SCL series) as part of a complete JBL Synthesis immersive audio solution.

**Long Description:** The SCL-7 is the smallest in-wall model in the expanded in the JBL Synthesis Custom Loudspeaker (SCL) series. It is designed for deployment in high-performance immersive audio systems in small to medium size rooms. The SCL-7 features JBL’s patented 2410H-2 1-inch (25mm) compression driver mated to an offset High Definition Imaging (HDI™) horn. This patented horn design is integrated with two 5.25-inch (130mm) Advanced Aluminum Matrix cone cast-frame woofers into a precision molded baffle assembly. The innovative configuration yields incredibly smooth and consistent performance for off-axis placement up to 45 degrees from the listening position. Premium components are used throughout the crossover network including a boundary gain adjustment switch while high-quality gold-plated push type speaker terminals ensure a secure connection. Installation is simple and quick with the new Cat Claw mounting mechanism that allows the speaker to be securely clicked into place freeing up two hands for tightening it down flush and level to the wall. A zero bezel magnetically attached grille is included and can be painted to match any décor. The SCL-6 is acoustically designed to match any of the JBL Synthesis Custom Loudspeakers (SCL series) as part of a complete JBL Synthesis immersive audio solution.

**Highlights:**

* 2-way in-wall loudspeaker system designed for off-axis listening as LCR and surround channels
* 1-inch 2410H-2 compression driver tweeter mated to a JBL patented High-Definition Imaging (HDI™) horn precision molded baffle assembly
* Two 5.25-inch (130mm) Advanced Aluminum Matrix cone cast frame woofers
* Can be mounted vertically or horizontally
* Patented Cat Claw installation mechanism
* Gold plated, spring-loaded binding posts
* Includes paintable zero-bezel, magnetically attached grilles
* Compatible with WB52 pre-construction bracket

**General Specifications:**

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| Type: | 2-Way In-wall loudspeaker |
| Low Frequency Driver: | Two 5.25” (130 mm) advanced Aluminum Matrix cone cast-frame woofers (JW13Al-4) |
| High Frequency Driver: | 1" (25 mm) 2410H-2 Teonex® annular ring-diaphragm compression driver  |
| Recommended Amplifier Power:  | 25 – 150W RMS |
| Impedance: | 4 Ohm |
| Loudspeaker Sensitivity: | 88 dB/2.83V/1m  |
| Frequency Response: | 55Hz - 30kHz (-6 dB on-axis), 2pi anechoic |
| Crossover Frequency: | 2.0 kHz |
| High Frequency Coverage Angle (-6 dB): | 60° Vertical,90° Horizontal (Left: 30°, Right: 60°, from center line), from 2 kHz to 15 kHz. |
| Enclosure Type: | Open back |
| Controls: | Boundary Proximity Control |
| Grille Dimensions: | 7.32” (186 mm) x 19.15” (486 mm) |
| Product Dimensions (with grille):  | 7.32” (186 mm) x 19.15” (486 mm) x 3.88” (99 mm) |
| Cut-out Dimensions: | 5.94” (151 mm) x 17.80” (452 mm) |
| Rough-in Bracket: | WB52 |
| Mounting Depth: | 3.64” (93 mm) |
| Input Type | Gold-plated spring-loaded binding posts |
| Product Weight: | 12.6 lbs (5.72 kg) |
| Shipping Weight: | 14.6 lbs (6.62 kg) |
| Shipping Units of Measure: | Each |
| Warranty: | 5 Years |

**Web Product Page Attachments:**

* Owner’s Manual
* Spec Sheet
* Quick Specs
* WB52 Quick Specs