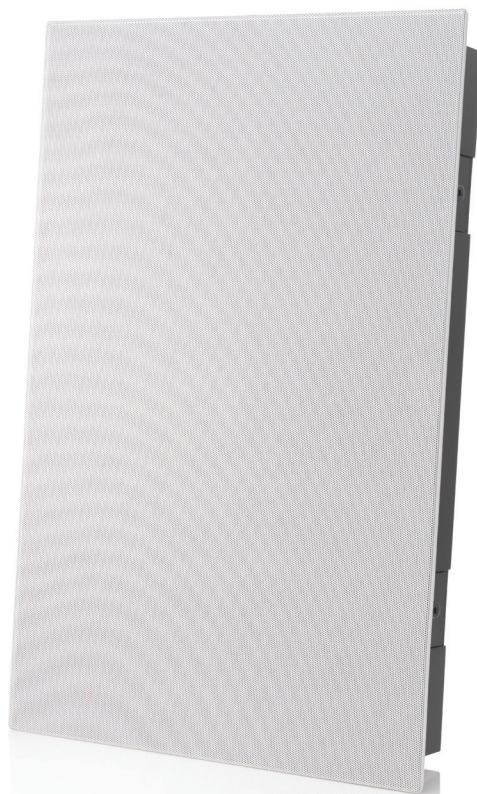


JBL SCL-4

In-Wall/In-Ceiling Loudspeaker



SYNTHESIS[®]
by HARMAN



JBL Sound: A Heritage of Excellence

JBL loudspeakers have been the choice of music and movie professionals for more than 70 years; they are behind the screens of more than 50 percent of all movie theaters and hang in concert venues everywhere. Many of your favorite songs and movie soundtracks were mixed or mastered on JBL speakers. But you don't have to be a recording industry professional to bring JBL sound home. Our home systems use technologies, materials and manufacturing techniques developed for professional speakers.

SCL-4 In-Wall/In-Ceiling Loudspeakers

Part of the JBL Synthesis Custom Loudspeakers range, the SCL-4 offers the highest level of acoustic performance available from a flush-mount loudspeaker. Utilizing JBL Professional's patented D2 compression driver technology, the SCL-4 is capable of delivering very high dynamics with remarkably low-distortion for clarity and intelligibility at virtually any volume level. The 2409H compression driver used in the SCL-4 is mated to JBL's patented High-Definition Imaging (HDI™) waveguide for remarkably uniform and predictable coverage over a wide area – eliminating the need for the speakers to be angled or aimed when installed. Low frequencies are delivered by a powerful cast-frame, Advanced Aluminum Matrix cone woofer operating in conjunction with the included MDF enclosure for consistent performance and minimal sonic intrusion into adjacent spaces. Premium network components, Bi-Wire and Bi-Amp capability, flexible mounting applications, and a Zero-Bezel, magnetically attached grille leave no details unattended. The SCL-4 is the perfect solution for in-wall LCR, surround, or overhead height channel applications as part of JBL Synthesis home theater system.



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Features

- Two-way 7-inch / 180mm driver configuration – a direct drop-in replacement for the S4Ai footprint
- 3.8-inch / 96.5mm deep enclosure fits standard 2 x 4 walls. The self-contained baffle system can alternatively be mounted without the rear enclosure for restricted depth applications
- Can be mounted in any orientation for maximum application flexibility and performance
- Computer Optimized HDI Constant Directivity Horn with very smooth and predictable off-axis behavior over a wide coverage area
- 2409H, 1-inch / 25mm annular ring Teonex[®] diaphragm compression driver with advanced HDI geometry horn
- Powerful cast-frame, Advanced Aluminum Matrix cone woofer with low-distortion Ferrite motor structure
- Solid, wood enclosure installs behind drywall and provides optimized acoustic performance
- Network is Bi-Wire and Bi-Amp capable using gold plated 5-way binding posts used on rear enclosure and baffle network assembly
- Zero-bezel, magnetically-attached grille can be painted to match decor

Specifications

- ▶ Speaker type: 2-way in-wall/in-ceiling loudspeaker
- ▶ Low frequency transducer: 7" (180mm) cast-frame, Advanced Aluminum Matrix cone woofer
- ▶ Mid/High frequency transducer: D2-derived 2409H, 1" (25mm), annular ring Teonex[®] diaphragm compression driver
- ▶ Maximum recommended amplifier power: 300 watts RMS
- ▶ Frequency response (-6dB on-axis): 45Hz – 33kHz
- ▶ Coverage area (-6dB@20kHz): 100 x 100 Degrees (Hor x Vert)
- ▶ Coverage area (-6dB@10kHz): 120 x 120 Degrees (Hor x Vert)
- ▶ Sensitivity (2.83V@1m): 91 dB
- ▶ Nominal impedance: 6 Ohm
- ▶ Crossover frequencies: 1.3kHz
- ▶ Enclosure type: Sealed in-wall mount with included back box
- ▶ Inputs: Dual gold-plated five-way binding posts
- ▶ Finished grille dimensions (H x W): 25.35" x 16.45" (644mm x 418mm)
Cutout dimensions with backbox (H x W): 23.93" x 14.2" (608mm x 360mm)
Mounting depth with backbox: 3.84" (97.6mm)
- ▶ Weight: 27.6 lb (12.51kg)
- ▶ Finishes: Matte Black with white paintable grille