

JBL C83

8-inch (200mm) 3-element Invisible Loudspeaker

JBL



JBL Conceal Series

The JBL Conceal Series combines patented technologies with JBL's acoustic design to deliver a product that truly disappears into the room. The products in the Conceal Series include a compression molded baffle with a proprietary FidelityGlass™ acoustic panel, an integrated rear enclosure, and advanced transducers and network designs. The products install as easily as a standard drywall patch and feature a paintable surface that can also be custom finished. With a broad hemispherical coverage pattern and no visible components, JBL Conceal Series loudspeakers can be discreetly and optimally located throughout an environment, immersing the listener in great sound that is heard and not seen.

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The JBL Conceal Series C83 is a high-performance invisible architectural loudspeaker that features a single panel design with premium acoustic performance. The C83 panel includes a rigid frame that houses the drivers and acoustic components that would be found on a conventional visible architectural in-wall or in-ceiling loudspeaker. The frame attaches directly to the structural framing of the wall, while the face of the loudspeaker – the FidelityGlass™ panel – features a smooth and durable surface that is designed to be finished in a similar fashion to the wallboard surrounding it. With the edges of the loudspeaker flush to the wallboard, the seams are taped and spackled using common methods and techniques. Once sanded and properly prepared, you simply need to paint or wallpaper the surface of the loudspeaker to match your desired finish.

The complete invisibility of the Conceal Series products combined with their broad hemispherical acoustic coverage pattern allows for optimal placement virtually anywhere in a room, be it in a wall or ceiling location. The finished aesthetic benefits far exceed that of a traditional in-wall or in-ceiling loudspeaker resulting in a new level of performance.

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Features

- One-piece design with 8-inch (200mm) woofer and dual MF/HF transducers
- Proprietary FidelityGlass™ acoustic panel and compression molded baffle
- Custom designed transducers with JBL premium acoustic crossover network
- Integrated wooden back box enclosure for reduced acoustic intrusion into adjacent spaces
- Loudspeaker system installs like a standard drywall patch
- Paintable surface can also be custom finished for complete invisibility

Specifications

- ▶ Description: 8-inch (200mm) 3-element Invisible Loudspeaker
- ▶ Nominal Impedance: 4 Ohm
- ▶ Recommended Amplifier Power: 50 – 160 Watts RMS
- ▶ Sensitivity: 84 dB/1W/1m measured in-room
- ▶ Frequency Response: 45 Hz – 20 kHz (-6dB) measured in-room
- ▶ Driver Technology: Direct-coupled Transducers (HF/MF) and Acoustic Levered Cone Woofer (LF)
- ▶ Panel Size: (H x W x D): 22" H x 15-7/8" W x 3-7/8" D (559mm H x 403mm W x 98mm D)