JBL SYNTHESIS

SCL-4XL

SPECIFICATION SHEET



2-way Dual 8-inch (200mm) In-Wall Loudspeaker

The SCL-4XL is a custom in-wall loudspeaker perfectly suited for use as an LCR behind an acoustically transparent projection screen in medium to large-sized rooms. Its 110° on-axis horizontal coverage makes it an ideal surround channel for larger rooms that require coverage for multiple rows of seats.

It features JBL's patented 2415-INV 1½-inch (38mm) compression driver mated to a High-Definition Imaging (HDI™) horn. Dual 8-inch (200mm) Advanced Aluminum Matrix cone cast-frame woofers operate in a 2-way network configuration allowing for installation vertically or horizontally without lobing or other acoustic issues found in traditional designs.

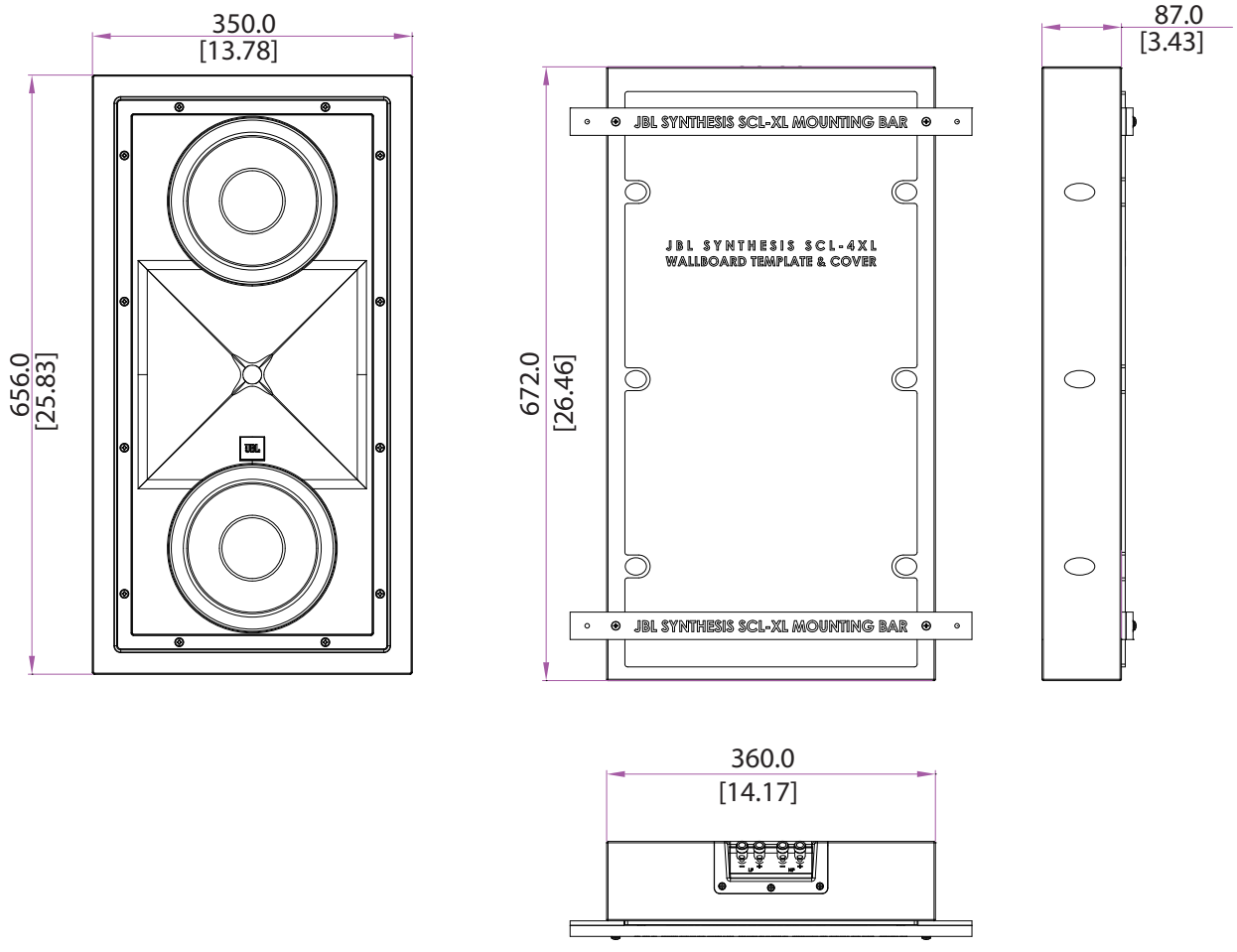
The integrated MDF enclosure is designed for installation in standard 2x4-inch wood frame construction, and internal connections allow for bi-wiring or bi-amplification in advanced installations.

The SCL-4XL delivers extraordinary performance in a wide variety of applications and is ideal for use in medium, large, and extra-large rooms.

Features

- Patented JBL 2415-INV 1½-inch (38mm) HF compression driver
- Patented High-Definition Imaging horn geometry
- 8-inch (200mm) Advanced Aluminum Matrix cone, cast-frame woofers
- Molded baffle with integrated MDF enclosure and isolation mounting system
- Advanced crossover network with bi-wire/bi-amp capability
- Dual set of gold-plated spring-loaded binding post input terminals
- Zero-bezel, magnetically attached paintable grille

General Specifications	
Type:	2-way in-wall loudspeaker
Low Frequency Driver:	Dual 8-inch (200mm) cast-frame, Advanced Aluminum Matrix cone woofers
High Frequency Driver:	2415-INV, 1½-inch (38mm) high frequency compression driver
Inputs:	Dual set of spring-loaded gold-plated binding posts for bi-amp/bi-wire capability (crossover not defeated)
Audio Specifications	
Power Handling:	300 Watts RMS (CEA-426B specification, at rated load impedance)*
Frequency Response:	64Hz – 20kHz (-6dB)
Coverage Area (-6dB, averaged over 2kHz-10kHz):	110° Horizontal, 110° Vertical
Sensitivity (2.83V@1m):	93dB
Impedance:	4Ω nominal, 3.3Ω minimum @ 520Hz
Crossover Frequencies:	1.16kHz
Physical Specifications	
Finished Dimensions with Grille (H x W x D):	26.5” x 14.2” x 4.1” (672mm x 360mm x 105mm)
Mounting Depth with Backbox:	3.43” (87mm)
Product Weight:	37lbs (16.7kg)
Shipping Weight:	52lbs (24kg)
Enclosure type:	Sealed in-wall mount with included backbox
Finish:	Matte Black with white paintable grille



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