

W226Be

Dual 6.5-inch (165mm) 2-way In-wall Loudspeaker

REVEL®

PERFORMA⁴ Be™



Product Overview

With dual 6.5-inch (165mm) aluminum cone woofers the W226Be is right at home as front LCRs in medium size media rooms. The speaker can be used vertically for left and right front channels or horizontally as a center. A zero-bezel magnetically attached grille allows the W226Be to blend into any décor and with elements including Beryllium Tweeters with Acoustic Waveguides and Patented Revel DNA it is sure to deliver unparalleled detail and a cohesive soundstage. Additionally, the W226Be shares the same caliber of components and acoustic signature as the PerformaBe in-room speakers allowing it to be mixed and matched to systems where bookshelf or floor standing versions may already exist.

At the heart of the W226Be is a 1-inch (25mm) beryllium dome tweeter driven by dual ceramic-magnets. The powerful tweeter and 5th-generation ceramic-coated, cast-aluminum Acoustic Lens waveguide seamlessly integrate with the directivity of the companion woofer driver resulting in greater efficiency, improved dynamic range, reduced distortion, and increased power handling compared to aluminum or titanium tweeters.

The dual 6.5-inch (165mm) aluminum cone woofers utilize Deep Ceramic Composite (DCC) cones for improved performance. DCC is a plasma electrolytic oxidation process that uses a plasma discharge to create a coarse ceramic coating on both sides of the aluminum core. The deep ceramic layers sandwiching the aluminum core provide constrained layer damping that push cone breakup modes outside of the passband allowing the driver to maintain ideal piston motion throughout its range. DCC

cones combine with optimized motor magnetics to deliver improved mid- and low-frequency performance.

Revel PerformaBe crossover networks utilize all film capacitors and air core inductors in the midrange and tweeter circuits. These premium components allow Revel's world-class engineers to extract nuances and details from music that would otherwise be lost. Combined with traditional Revel high-order crossover slopes and proprietary Acoustic Lens waveguide geometry, transducer integration is seamless.

Highlights

- 1-inch (25mm) Beryllium dome tweeter with dual ceramic-magnets and acoustic lens waveguide
- Dual 6.5-inch (165mm) Deep Ceramic Composite (DCC) Aluminum Cone Woofers
- High-Order Crossover Design
- Zero-bezel magnetically attached and paintable grille
- Cat Claw Mounting System for Wallboard or optional Backbox installations
- Mounting depths fit within standard 4-inch-deep wall stud bays
- Acoustically tuned wooden backbox (sold separately) delivers optimum performance and minimizes room-to-room sound transfer

Specifications

W226BE	
Description	Dual 6.5" (165mm) 2-way In-wall Loudspeaker
High Frequency Transducer	1" (25mm) Beryllium dome with dual ceramic-magnets and acoustic lens waveguide
Midrange Frequency Transducer	N/A
Low Frequency Transducer	2x 6.5" (165mm) Deep Ceramic Composite (DCC) Aluminum Cone Woofers
Recommended Amplifier Power (RMS)	50-200 Watts @ 4 ohms
Frequency Response (-6dB on-axis)	43-40 kHz
Sensitivity (2.83V@1m)	90 dB
Maximum SPL	110 dB
Impedance (Nominal / Minimum)	6 Ohms / 4 Ohms
Crossover Frequency	2000 Hz
Crossover Type / Slope	3rd order
Controls	High Frequency Level - Flat / Attenuated
Input Type	Gold-plated Spring-Loaded Binding Posts
Mounting Type	Revel Cat Claw Mounting System
Compatible Wall Thickness Range	Min 0.4" (10mm) / Max 1.0" (25mm)
Cutout Dimension(s)	21.6" x 8.9" (549mm x 226mm)
Mounting Depth	3.5" (87.9mm)
Enclosure Volume Range	1100 in ³ (18L) to 2200 in ³ (36L)
Net Dimensions with grille (HxWxD)	22.9" x 10.2" x 3.8" (582.8mm x 259.4mm x 95.9mm)
Net Weight (Speaker + Grille)	15.7 lb (7.1kg)
Shipping Dimensions (HxWxD)	26.9" x 14.1" x 10.0" (684mm x 357mm x 255mm)
Shipping Weight	19.7 lb (8.9kg)
Packed As (Each / Pair)	Each
UPC Code	050667380137
EAN Code	1200130003592

W226BEBB (Sold Separately)	
Description	W226Be In-Wall Back-box
Input Type	Gold-plated Spring-Loaded Binding Posts
Compatible Wall Thickness Range	Min 0.4" (10mm) / Max 0.6" (16mm)
Enclosure Volume (Cubic Inch / Liters)	1113.1 in ³ (18.2L)
Net Dimensions (HxWxD)	37.8" x 14.0" x 3.5" (960mm x 355mm x 87.9mm)
Net Weight	16.8 lb (7.6kg)
Shipping Dimensions (HxWxD)	44.0" x 20.3" x 10.6" (1117mm x 515mm x 270mm)
Shipping Weight	27.3 lb (12.4kg)
Packed As (Each / Pair)	Each
UPC Code	050667380175
EAN Code	1200130003639

WB62 (Sold Separately)	
Description	W226Be Pre-Construction Bracket
Packed As (Each / Pair)	Each

Dimensions

