

## W228Be

Dual 8-inch (200mm) 3-way In-wall Loudspeaker

REVEL®

PERFORMA Be<sup>4</sup>™



### Product Overview

Sharing the same architecture as the award-winning Revel PerformaBe F228Be floor standing loudspeaker, the W228Be delivers unmatched audio performance in an in-wall design. The dual 8-inch (200mm) Deep Ceramic Composite (DCC) Aluminum Cone Woofers provide plenty of bass extension that blends seamlessly with the 5.25-inch (130mm) midrange and 1-inch (25mm) Beryllium dome tweeter. The midrange and tweeter are enclosed in a rotatable enclosure allowing for the W228Be to be used vertically as a center channel without affecting the acoustic performance. A zero-bezel magnetically attached and paintable grille allows the W228Be 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.

At the heart of the W228Be 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 midrange driver resulting in greater efficiency, improved dynamic range, reduced distortion, and increased power handling compared to aluminum or titanium tweeters.

The 5.25-inch (130mm) midrange and dual 8-inch (200mm) 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
- 5.25-inch (130mm) Deep Ceramic Composite (DCC) Aluminum Cone Midrange
- Dual 8-inch (200mm) Deep Ceramic Composite (DCC) Aluminum Cone Woofers
- High-Order Crossover Design
- Rotatable Mid/High Frequency Module allows for vertical or horizontal mounting options
- 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

<b>W228BE</b>	
<b>Description</b>	Dual 8" (200mm) 3-way In-wall Loudspeaker
<b>High Frequency Transducer</b>	1" (25mm) Beryllium dome with dual ceramic-magnets and acoustic lens waveguide
<b>Midrange Frequency Transducer</b>	5.25" (130mm) Deep Ceramic Composite (DCC) Aluminum Cone Mid-range
<b>Low Frequency Transducer</b>	2x 8" (200mm) Deep Ceramic Composite (DCC) Aluminum Cone Woofers
<b>Recommended Amplifier Power (RMS)</b>	50-400 Watts @ 4 ohms
<b>Frequency Response (-6dB on-axis)</b>	35-40 kHz
<b>Sensitivity (2.83V@1m)</b>	90 dB
<b>Maximum SPL</b>	115 dB
<b>Impedance (Nominal / Minimum)</b>	6 Ohms / 4 Ohms
<b>Crossover Frequency</b>	220 Hz, 2500 Hz
<b>Crossover Type / Slope</b>	4th order and 3rd order
<b>Controls</b>	High Frequency Level - Flat / Attenuated
<b>Input Type</b>	Gold-plated Spring-Loaded Binding Posts
<b>Mounting Type</b>	Revel Cat Claw Mounting System
<b>Compatible Wall Thickness Range</b>	Min 0.4" (10mm) / Max 1.0" (25mm)
<b>Cutout Dimension(s)</b>	35.3" x 12.2" (896mm x 309mm)
<b>Mounting Depth</b>	3.8" (96.4mm)
<b>Enclosure Volume Range</b>	1650 in <sup>3</sup> (27L) to 3300 in <sup>3</sup> (54L)
<b>Net Dimensions with grille (HxWxD)</b>	37.0" x 13.9" x 4.1" (938.6mm x 352.9mm x 104.5mm)
<b>Net Weight (Speaker + Grille)</b>	31.5 lb (14.3kg)
<b>Shipping Dimensions (HxWxD)</b>	45.0" x 17.3" x 10.0" (1142mm x 440mm x 255mm)
<b>Shipping Weight</b>	40.6 lb (18.4kg)
<b>Packed As (Each / Pair)</b>	Each
<b>UPC Code</b>	050667380144
<b>EAN Code</b>	1200130003608

<b>W228BE (Sold Separately)</b>	
<b>Description</b>	W228Be In-Wall Back-box
<b>Input Type</b>	Gold-plated Spring-Loaded Binding Posts
<b>Compatible Wall Thickness Range</b>	Min 0.4" (10mm) / Max 0.6" (16mm)
<b>Enclosure Volume (Cubic Inch / Liters)</b>	1664.1 in <sup>3</sup> (27.3L)
<b>Net Dimensions (HxWxD)</b>	55.1" x 14.0" x 3.5" (1400mm x 355mm x 87.9mm)
<b>Net Weight</b>	20.9 lb (9.5kg)
<b>Shipping Dimensions (HxWxD)</b>	61.4" x 20.3" x 10.6" (1560mm x 515mm x 270mm)
<b>Shipping Weight</b>	34.4 lb (15.6kg)
<b>Packed As (Each / Pair)</b>	Each
<b>UPC Code</b>	050667380182
<b>EAN Code</b>	1200130003646
<b>WB82 (Sold Separately)</b>	
<b>Description</b>	W228Be Pre-Construction Bracket
<b>Packed As (Each / Pair)</b>	Each

# Dimensions

