

# Revel F226Be

3-way Floorstanding Loudspeaker

REVEL®

PERFORMA **Be**<sup>4</sup>™



Beryllium – Element 4 on the Periodic Table – is a rare earth metal that is renowned for its remarkable physical properties that make it the ideal material for a high-frequency transducer. Compared to aluminum and titanium tweeter diaphragms, Beryllium offers 4.5 times the stiffness and three times more damping, and does so at only half of the weight.

The Revel F226Be joins our award-winning PerformaBe series as a compact floorstanding loudspeaker. As part of the PerformaBe loudspeaker line, the F226Be features a 1-inch (25mm) Beryllium tweeter driven by massive 85mm 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 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.

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### Highlights:

- 1-inch Beryllium Dome Tweeter
- 5th-generation Acoustic Lens Waveguide
- Deep Ceramic Composite (DCC) Cone Midrange and Woofers
- High-order Crossovers with Film Capacitors and Air Core Inductors
- Magnetically Attached Grilles
- 4 Premium high-gloss finishes available

### Specifications:

Type	3-way dual 6.5" floorstanding loudspeaker
Low-frequency transducer	Two 6.5" (165mm) Deep Ceramic Composite aluminum cones, with cast frames
Midrange transducer	5-1/4" (130mm) Deep Ceramic Composite aluminum cone, with cast frame
High-frequency transducer	1" (25mm) Beryllium dome, with acoustic lens waveguide
Recommended amplifier power range	50 – 200 watts
Frequency response	44Hz – 40kHz (-6dB)
Low-frequency extension	38Hz (-10dB); 44Hz (-6dB); 50Hz (-3dB)
Nominal impedance	8 ohms
Sensitivity (2.83V/1m)	90dB
Crossover frequencies	260Hz; 2.1kHz
Enclosure type	Bass-reflex via front-mounted port
Inputs	Dual gold-plated binding posts with shorting straps
Available high-gloss finishes	Black, White, Metallic Silver, and Walnut
Dimensions – with grille (H x W x D)	41.3" x 9.8" x 13.7" (1050mm x 249mm x 347mm)
Product Weight:	Cabinet Weight: 58.0 lb (26.4kg) Grille Weight : 0.8 lb (0.4kg)