



REVEL PerformaBe SERIES

F228Be FLOORSTANDING LOUDSPEAKER AND
M126Be BOOKSHELF LOUDSPEAKER

THE PerformaBe SERIES



The PerformaBe Series was born out of the desire to create a loudspeaker that redefined performance expectations. Using the award-winning Performa3 F208 and M106 as the starting point, Revel's development team re-engineered virtually every component in order to extract the finest details, the highest levels of performance, and the most emotion possible. With an all-new Beryllium tweeter as the basis of the PerformaBe Series, the result is unparalleled detail and accuracy along with a sense of air, spaciousness, and a cohesive soundstage that will certainly define these models as world standards in performance.

THE BEAUTY OF BERYLLIUM

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 other metal tweeter diaphragms like aluminum and titanium, beryllium offers 4.5 times the stiffness and three times more damping, and does so at only half of the weight. Diamond vapor deposit diaphragms offer similar characteristics for stiffness and damping, but they do so with a weight penalty that limits performance in comparison to beryllium.

HIGH-FREQUENCY PERFECTION

At the heart of the PerformaBe models lies a 1-inch/25mm beryllium tweeter driven by massive 85mm dual ceramic magnets. This powerful tweeter is mated to a 5th-generation, ceramic-coated, cast-aluminum Acoustic Lens waveguide engineered to seamlessly integrate with the directivity of the companion midrange or midbass driver. The result is a tweeter with greater efficiency, improved dynamic range, reduced distortion, and increased power handling compared to aluminum or titanium tweeters.



ULTIMATE MIDRANGE CLARITY AND DEFINITION

The 5.25-inch/130mm Performa3 midrange driver has been updated with a larger DCC cone diaphragm and a smaller surround that combine for increased efficiency while a larger voice coil and ceramic motor structure reduce compression and increase dynamic range. Combined with the more efficient tweeter design, PerformaBe loudspeakers can play louder and more dynamically for an impactful and memorable audio experience.



ADVANCED HIGH-ORDER CROSSOVER NETWORKS

PerformaBe crossover networks utilize all film capacitors and air core inductors in the midrange and tweeter circuits, as well as the woofer circuit in the bookshelf model. These premium components allow Revel's engineers to extract nuances and details that would otherwise be lost to lesser components. Combined with traditional Revel high-order crossover slopes and proprietary Acoustic Lens waveguide geometry, transducer integration is seamless, delivering a holistic, three-dimensional soundstage that allows the loudspeakers to simply disappear, leaving only you and the music.



ELEGANT DESIGN

PerformaBe top panels are painted in a stylish metallic black with raised electroform badging. Each model is available in a choice of four high-gloss finishes for seamless integration into any décor; Black, White, Walnut and Metallic Silver.



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

Feature	M126Be	F228Be
Description	2-way Bookshelf Loudspeaker	3-way Floorstanding Loudspeaker
Low Frequency Driver Size and Material	6.5" (165mm) Deep Ceramic Composite (DCC) aluminum cone with cast frame	Dual 8" (200mm) Deep Ceramic Composite (DCC) aluminum cones with cast frames
Mid Frequency Driver Size and Material	N/A	5.25" (130mm) DCC aluminum cone with cast frame
High Frequency Driver Size and Material	1" (25mm) Beryllium dome with acoustic lens waveguide	1" Beryllium dome with acoustic lens waveguide
Recommended Amplifier Power	50 – 150 Watts	50 – 350 Watts
Nominal Impedance	8 ohms	8 ohms
Loudspeaker Sensitivity (2.83 V/1m)	86dB	90dB
Frequency Response	54Hz – 44kHz (-6dB)	27Hz – 44kHz (-6dB)
Crossover Frequency	1.7kHz	260Hz; 2.1kHz
Dimensions (H x W x D)	15.2 x 8.3 x 10.3" (386 x 211 x 262mm)	46.5 x 11.8 x 13.2" (1181 x 302 x 335mm)
Weight	22 lbs (9.97kg)	82 lbs (37.2kg)
Inputs	Gold-plated binding posts	Dual gold-plated binding posts with shorting straps



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