

Alpha P3 Compact Monitor



 N 43° 47' 42.68"
W 79° 7' 1.657"



Bookshelf Speakers

Built to fit virtually any space, PSB bookshelf speakers are engineered in Canada with more than 40 years of advanced acoustic research and design. From the legendary Alpha B1 to PSB's beautifully designed Imagine Series, every bookshelf speaker is meticulously tuned and tested at Canada's national research facilities to deliver the most accurate acoustics under the most demanding of listening conditions.

Behind the Alpha Series

First designed and manufactured in a small Canadian town in 1991, the Alpha Series started with the simple idea of creating affordable speakers that were focused purely on performance. With passion and dedication in pursuit of a natural sounding speaker, and by leveraging decades of research conducted at the Canadian National Research Council by PSB's founder, Paul Barton, the Alphas quickly rose to be one of the world's most iconic speakers and are still the reference benchmark for entry-level hi-fi speakers today.

The newly designed Alphas look to continue their legacy by staying true to the original concept from the '70s and combining it with today's latest cutting-edge technologies. Powerful and smooth, the all-new Alpha Series has been rebuilt with enhanced custom drivers and a new crossover design that works perfectly together to deliver natural, detailed sound with precision and less distortion. In a home theatre or stereo setup, the new Alphas outperform the originals in every measurement and will bring your music and movies to life.

Compact and versatile without sacrificing performance.

- ¾" Black anodized aluminium dome tweeter with front waveguide
- 4" Textured polypropylene woofer with rubber surround
- Bass reflex cabinet design with a rear-firing port
- Acoustically-transparent detachable magnetic grilles
- Five-way gold-plated binding post speaker terminals
- High-quality woodgrain vinyl finish
- Available in Black Ash or Walnut

Alpha P3 Compact Monitor

The Alpha P3 is a small two-way bookshelf speaker that connects to any stereo or home theatre system to fill the room with powerful, crystal-clear sound. Featuring a custom 4.5" woofer and aluminium dome tweeter that uses a waveguide to perfectly match the low and high frequencies for a smooth transition, the P3 delivers improved directivity and flattens the frequency response for a more natural sound. It also leverages specially textured woofer cones and a unique port tube design that uses bass flex to add back energy and extend the bass frequencies even lower and without any distortion.

Hear beautiful texture and detail

All new Alpha Series models employ a ¾" black anodized aluminium dome tweeter that extends the high-frequency response beyond the Alpha's original measurements and minimizes distortion for a rich, balanced listening experience. A waveguide on the front of the tweeter works to perfect on and off-axis performance while smoothing the response for improved resolution and detail. The ferrofluid cooled tweeter on the P3 has also been precision engineered to sit below the woofer to provide precise stereo imaging at any height.

Powerful woofer with dual layer voice coils

At the heart of every good speaker is a great woofer that produces low distortion and high output levels. With the new Alpha Series, the 4.5" woofer employs dual layer voice coils with a very powerful magnet structure and a cone that is made from a special textured polypropylene compound that prevents breakup. With bass reflex loaded through Paul's original port tube design from the '70s, the woofer adds back wave energy to extend the bass response and improve efficiency down to 43Hz.

Custom-built and perfected

The Alpha Series' new crossover wasn't custom designed to simply just direct low and high frequencies to the woofer and tweeter. It was re-engineered to control the directivity and flatten the frequency response while utilizing an unusually complex Linkwitz-Riley acoustic filter that is designed to get a perfect blend between the drivers and keep distortion at its lowest even at high volumes.

Unique modular cabinet design

The P3 has a unique combination of wall thickness and bracing to control resonances and provide a perfect platform for the driver components. The P3 cabinet's internal damping material was first used in PSB's most high-end models, and has now been adopted by the Alphas and positioned precisely for optimum effectiveness. A premium woodgrain vinyl finish and chrome front baffle highlights combine with magnetically attached grilles to provide a rich and timeless design.

SPECIFICATIONS

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|---|---|
| FREQUENCY RESPONSE (Anechoic Chamber) | |
| On Axis @ 0° ± 3dB | 57-21,000Hz |
| On Axis @ 0°±1 1/2dB | 67-20,000Hz |
| Off Axis @ 30°±3dB | 67-10,000Hz |
| LF Cutoff -10dB | 43Hz |
| SENSITIVITY (1 W (2.83 V) @ 1M, IEC-Filtered pink noise, C-weighted) | |
| Anechoic Chamber | 85dB |
| Typical Listening Room | 87dB |
| IMPEDANCE | |
| Nominal | 8 Ohms |
| Minimum | 4 Ohms |
| INPUT POWER (RMS, Clipping < 10% Time) | |
| Recommended | 10-80 Watts |
| Program | 60 Watts |
| ACOUSTIC DESIGN | |
| Tweeter (Nominal) | 3/4" (19mm) Black Anodized Aluminium Dome with Ferrofluid and Neodymium Magnet |
| Woofer (Nominal) | 4" (102mm) Textured Polypropylene Cone with Rubber Surround |
| Crossover | 3,000Hz, L4 |
| Design Type | Tuned Port Bass Reflex 1 3/8" (35mm) Rear Port |
| CONSTRUCTION | |
| Cabinet Sleeve | 1/2" (12mm) MDF |
| Baffle Front | 1" (25.4mm) MDF |
| Baffle Rear | 1/2" (12mm) MDF |
| Grille Face | Black Steel Micro Perf with Magnetic Attachment |
| Frame | |
| SIZE (W x H x D) (Gross Dimensions) | |
| Net | 5 1/8" x 8 5/8" x 6 7/8" * (130 x 220 x 174mm) |
| WEIGHT | |
| Net | 4.9lb (2.2kg)/each |
| Shipping | 11.45lb (5.2kg)/pr |
| FINISH | |
| | Black Ash or Walnut in Vinyl Clad |
| FEATURES | |
| | 5-way Gold-plated Binding Posts Clear Bumpers Rear Facing Port |

*Non-metric measurements are approximate.

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