

The PSB SubSeries 1



Features

- Front-mounted controls make it simple to adjust volume, crossover frequency, and phase for highest performance in any room.
- Video shielding allows placement right next to, or under, a TV monitor.
- A streamlined curved-edge look matches the design elegance of the other speakers in the Alpha family, and fits gracefully into today's listening rooms.

With lots of accurate deep bass excitement for music and movies, plus exceptional user convenience and a sleek, contemporary look, the SubSeries 1 carries on the Alpha tradition of amazing performance at amazingly affordable cost.

The new SubSeries 1 is the first of a next generation of high-performance powered subwoofers from PSB. Building on the popular SubZero i, it brings a new level of performance and value to the most affordable subwoofer category. With many significant performance enhancements, it will deliver lower, louder, and more musically lifelike bass than other subwoofers in its price class. And though it's compact and unobtrusive, it provides the kind of high-impact performance associated with many bigger and more expensive subwoofers.

Performance Features:

- A built-in high-efficiency amplifier that delivers 110 watts continuous power, 140 watts dynamic power, and 280 watts peak power.
- Fast, controlled, lifelike lows, from a heavier 8-inch polypropylene-cone woofer with a very substantial 48oz magnet assembly.
- Extended low-frequency response, delivered in part by an oversize rubber surround that enables the driver cone to make long excursions—for response within 3dB down to 36Hz and useful output down to 32Hz.
- Greater sustained power, from a 1-1/2 inch voice coil that helps handle high continuous output without thermal power compression.
- Latest PSB sophisticated anti-overload circuitry, allowing the SubSeries 1 to sail musically through material—both with short-term peak demands and sustained high power—that cause audible problems with many subwoofers.





SubSeries 1

FREQUENCY RANGE	
Response @ 0° ± 3dB	36-150Hz
LF Cutoff -10dB	32Hz
SOUND PRESSURE LEVEL	
Maximum @ 100Hz	(@2m, Corner Placement, 2,600 cu ft Room) 106dB
IMPEDANCE	
Low Level	(4 Ohms Woofer Only)
High Level	15 kOhms
	470 Ohms
INPUT POWER	
Continuous	(Into 4 Ohms, <1% THD, 30-200Hz)
Dynamic	110 Watts
Peak	140 Watts
Type	280 Watts
	Class AB
	Discrete MOSFET Output Devices
ACOUSTIC DESIGN	
Woofer	8" (203mm) Polypropylene Cone Rubber Surround 1" (38mm) Voice Coil 28 oz (791g) Magnet +20 oz (567g) Shielding Magnet
Crossover	Variable 50Hz-150Hz 24dB/octave Linkwitz-Riley Low Pass Filter
Internal Volume	0.68cu ft (19.3 liter)
Design Type	Bass Reflex 1 x 1" x 8" Front Duct Radiused Externally Video Shielded
SIZE	
Gross Dimensions including grille, feet, knobs and terminals	(W x H x D) 9 5/8" x 13 1/4" x 14 1/2" (244mm x 337mm x 368mm)
WEIGHT	
Net	23.0lb (10.5kg)/each
Shipping	27.0lb (12.3kg)/each
FINISH	
	Black Ash, Maple or Sienna
FEATURES	
	Front-mounted Volume, Crossover, and Signal LED Rear-mounted Phase, Crossover Bypass, and On-Standby/Off Low/Line Level/LFE Gold-plated RCA Inputs High/Speaker Level Gold-plated 5-way Binding Post Inputs Vertical with Feet (or Horizontal)

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