

SUBSERIES BP12

Powered Subwoofer



Deep bass. Elevated by design.

The PSB SubSeries BP12 sets a new standard for high-performance bass, combining advanced engineering with cutting-edge amplifier technology. As PSB's flagship powered subwoofer, the BP12 integrates a proprietary bipolar driver array, premium Purifi amplification, and intelligent app-based control to deliver powerful, articulate bass with remarkable clarity. Designed for both home theatre and hi-fi systems, the BP12 reproduces the full depth and detail of low frequencies — all within a sleek, resonance-free cabinet.

Bipolar Drive Configuration

The BP12 utilizes PSB's proprietary dual-driver bipolar configuration to achieve deep bass with minimal cabinet colouration. The two 12" drivers operate in perfect opposition, cancelling internal vibrations and virtually eliminating enclosure resonance. This highly efficient design converts amplifier power directly into pure acoustic energy, resulting in tighter, more controlled bass performance with reduced distortion.

Flagship Power with Purifi

The BP12 is the first PSB subwoofer to feature Purifi's acclaimed amplifier technology. Delivering 2 x 500 watts of continuous power, this dual-mono configuration provides immense dynamic headroom, exceptional damping, and

- Dual 12" drivers in bipolar configuration
- 2 x 500W continuous / 1000W total system power
- Powered by Purifi amplifier technology
- Sealed cabinet design with resonance cancellation
- Bluetooth app control for volume, phase, and crossover
- Frequency response: 30Hz – 150Hz (± 3 dB), LF cutoff at 17Hz
- Woven fibre cones with filleted rubber surrounds
- High-power voice coils with oversized magnet structure
- Built-in IsoAcoustics isolation feet
- Gold-plated RCA stereo inputs
- XLR stereo inputs
- 12V trigger and USB power output
- Premium automotive-grade finish

extremely low noise and distortion. The result is a subwoofer with both explosive output and nuanced finesse — equally at home in action-packed cinema and delicate acoustic soundscapes.

Deep, Detailed Bass

Engineered to deliver immersive low-frequency performance, the BP12 reaches down to 17Hz while maintaining exceptional accuracy and definition. Whether it’s the subtle rumble of a cinematic score or the visceral punch of a bassline, the BP12 renders every detail with clarity and confidence. Ultra-low distortion ensures a listening experience that’s felt as much as heard.

Isolation Meets Industrial Design

Finished in a luxurious automotive-grade gloss and equipped with IsoAcoustics isolation feet, the BP12 combines aesthetic refinement with functional excellence. The decoupled design minimizes room-induced vibrations while maintaining a clean, modern look that integrates seamlessly with any home audio setup.

Crafted to Perfection

With meticulously engineered components, flagship-level amplification, and PSB’s proprietary bipolar driver design, the BP12 embodies the pinnacle of PSB subwoofer engineering. Built for discerning listeners who demand the deepest lows and the highest standards, it delivers uncompromised output, control, and clarity in every respect.



SPECIFICATIONS

FREQUENCY RESPONSE		
Response		
On Axis @ 0° ±3dB	30Hz - 150Hz	
LF Cutoff -10dB	17Hz	
Amplifier (Internal Amplifier)		(Internal Amplifier)
Continuous Power	2 x 500 Watts	
Amplifier	Purifi	
DSP	Analog Devices	
LED Indicator	RED > STANDBY GREEN > ON Blue/Red > Bluetooth Pairing	
ACOUSTIC DESIGN		
Woofer (Nominal)	12" (305mm) Carbon Fibre Cone High Density Rubber Surround 3 1/2" (89mm) Voice-Coil 150 oz (4252 g) Magnet Steel Basket	
Crossover	VARIABLE 30Hz - 150Hz LFE setting (350Hz)	
Design Type	Sealed	
SIZE (W x H x D)	IN	MM
Net W	18.9	480
Net H	19.3	490
Net D	18.9	480
Gross W	26.75	680
Gross H	26.75	680
Gross D	25.38	645
WEIGHT	LB	KG
Net	132	60
Shipping	137	62.5
FINISH		
Automotive Paint & Clear Coat	Satin Black, Satin White	
Feet	Iso Acoustics	
FEATURES		
IOS/Android Mobile App Control	VOLUME CONTROL VARIABLE FREQUENCY PHASE CONTROL 0°-180°	
Connections	Balanced XLR Inputs: LFE or Left/Right Unbalanced RCA Inputs: LFE or Left/Right 12V Trigger Input	
Other	NA & EU power cords supplied Auto On/Stand-by	
Energy Star Compliance	0.5w STANDBY	
Universal Voltage	(100V-240V, 50/60Hz)	