

SUBSERIES BP7

Powered Subwoofer



Deep Bass. Compact Design.

The PSB SubSeries BP7 delivers uncompromising low-frequency performance in a remarkably compact form. By combining PSB's proprietary bipolar driver configuration with a sealed cabinet design and premium amplification, the BP7 produces clean, articulate bass that integrates seamlessly with both music and home theatre systems. Its discreet footprint and refined finishes make it the ideal solution for listeners who want accuracy and power without overwhelming their living space.

Bipolar Driver Array

Dual 6.5" woven carbon fibre drivers are mounted in opposing alignment to eliminate cabinet vibrations and reduce distortion. This true bipolar configuration delivers fast, articulate low frequencies with surprising extension and control. The result is a subwoofer that translates amplifier power directly into pure acoustic energy, ensuring bass performance that is as musical as it is impactful.

Precision Class D Power

The BP7 features a 350-watt Universal Class D amplifier engineered for speed, control, and efficiency. Designed to handle dynamic peaks effortlessly, it delivers bass that is both powerful and nuanced. From subtle textures in acoustic recordings to the explosive dynamics of modern cinema, the BP7 maintains fidelity and control across all listening scenarios.

- Dual 6.5" woven carbon fibre drivers in bipolar configuration
- 350W Universal Class D amplifier
- Sealed cabinet acoustic design
- Frequency response: 28Hz – 150Hz ($\pm 3\text{dB}$), LF cutoff at 25Hz (-10dB)
- Satin Black and Satin White finishes with polished aluminium trim
- Stereo line-level inputs with 12V trigger
- Phase switch (0–180°)
- Auto standby mode with ultra-low power consumption



Sealed Cabinet Accuracy

The sealed acoustic design of the BP7 eliminates the port noise and resonances common in vented enclosures. This results in bass that is tighter, more controlled, and truer to the source material. With superior accuracy and flexibility in placement, the BP7 appeals to listeners who value precision and realism in their audio systems.

Compact, Elegant Form

Measuring just 10.6" wide and deep, and 11.4" high, the BP7 proves that powerful bass does not require a large enclosure. Satin Black and Satin White finishes, accented with polished aluminium trim rings, ensure the BP7 complements PSB's premium Imagine and PWM loudspeaker lines while fitting discreetly into any room.

Proprietary Driver Engineering

Drawing from PSB's five decades of acoustic innovation, the BP7's custom drivers feature filleted rubber surrounds, oversized magnets, and 1.5" voice coils. These components allow for extended excursion and remarkable accuracy, producing bass that is not only deep and powerful but also highly musical.



SPECIFICATIONS

FREQUENCY RESPONSE		
On Axis @ 0° ±3dB	30Hz - 150Hz	
LF Cutoff -10dB	25Hz	
AMPLIFIER POWER (Internal Amplifier)		
Continuous Power	350W	
Amplifier Design	Analog Devices DSP & Texas Instrument Class-D Amp	
LED Indicator	Red: Standby Green: On	
AC Fuse	T10AL 250V	
ACOUSTIC DESIGN		
Woofer (Nominal)	6.5" (152 mm) Carbon Fibre Cone High Density Rubber Surround 1 1/2" (38 mm) Voice-Coil 36 oz (1030 g) Magnet Steel Basket	
Crossover Variable	50Hz -150Hz	
Design Type	Sealed	
LFE setting	(350Hz)	
SIZE (W x H x D)	IN	MM
Net W	10.60	270
Net H	11.4	290
Net D	10.6	270
Gross W	10.60	270
Gross H	11.8	300
Gross D	11.6	295
WEIGHT	LB	KG
Net	26.5	12
Shipping	30	13.6
FINISH		
Satin Black, Satin White		
FEATURES		
Controls	Bass Level Crossover Phase switch	
Connections	High level, low level input Gold-plated Stereo RCAs Trigger Input	
Other	Universal Voltage (100V-240V, 50/60Hz) North America and European power cords supplied Auto On/Standby	
Energy Star Compliance	Cont 0.5W Standby rols	

NOTES

*Gross dimensions include /_ knobs
/_speaker terminals / feet