

SUBSERIES BP8

Powered Subwoofer



Bass. Refined.

The PSB SubSeries BP8 powered subwoofer is an innovation in precision-engineered bass. Proprietary bipolar dual 8" drivers, premium amplification, and advanced isolation features work together to deliver a granular level of detail while keeping distortion to a minimum. The BP8 elevates immersive movie, music, and gaming experiences with deep, powerful bass and a level of accuracy that is rare for a subwoofer of its size and value.

Vibration Reducing Cabinet

The BP8 centers on a robust, acoustically inert sealed cabinet housing a proprietary opposing bipolar dual 8" driver setup to deliver deep, powerful bass reaching depths of 20Hz with exceptional precision, detail, and minimal distortion. Through this in-phase, opposing driver design, vibrations within the cabinet are eradicated, enabling efficient conversion of electrical power into pure acoustic output. The BP8's sealed cabinet design prevents the possibility of port or passive radiator-based distortion.

Proprietary Drivers

The BP8 boasts dual opposing 8" drivers featuring woven carbon fibre cones, filleted rubber surrounds, 2.5" ultra-high powered voice coils, and robust 45-ounce magnet structures. Drawing inspiration from the driver design elements of

- **Dual 8" drivers in bipolar configuration**
- **500 Watt Continuous Power**
- **nCore HybridDigital amplifier**
- **Sealed cabinet design**
- **Woofer features woven fibre cones and doped paper backing**
- **Rear Mounted Volume**
- **Crossover Controls**
- **Phase Switch**
- **Low Level Input**
- **Auto On/Standby Switch**
- **12V trigger**
- **Gold-plated RCAs**
- **USB Power Jack**
- **IsoAcoustics isolation feet**

Synchrony and Passif 50, these drivers deliver remarkably linear piston-like movement, ensuring exceptional efficiency and power handling. The extremely high magnetic motor strength (BL) of the BP8 contributes to better efficiency, accuracy, and controlled sound reproduction, resulting in improved clarity, extended low-frequency bandwidth, and reduced distortion. With the equivalent air displacement of a single 11 1/2" woofer, the dual 8" woofers in the BP8 deliver greater speed and better cone characteristics.

Premium Amplification

Based on the renowned nCore technology, the BP8's Hybrid Digital amplifier is conservatively rated at 500 watts, delivering incredible dynamics and a granular level of detail. This power is not only plentiful, but very refined, allowing a high degree of precision and considerable control of the driver's movement.

Advanced Isolation

Integrated IsoAcoustics isolation feet effectively decouple and silence the subwoofer, isolating it from room-generated vibrations and resonances. This isolation significantly enhances sound clarity and detail by preventing most room-induced vibrations from affecting the subwoofer's performance.

Elegant Form

Surprisingly compact at 14 x 13 x 13" (HWD), the BP8 outshines larger competitors in both performance and sleek design. The BP8 is available in Satin Black and Satin White finish options.



SPECIFICATIONS

FREQUENCY RESPONSE

Response	
On Axis @ 0° ±3dB	25Hz - 150Hz
LF Cutoff -10dB	20Hz

AMPLIFIER

Continuous Power Design	500 Watts Analog Devices DSP & Hypex Amp
-------------------------	---

LED Indicator	RED > STANDBY GREEN > ON
---------------	-----------------------------

ACOUSTIC DESIGN

Woofer (Nominal)	8" (203mm) Carbon Fibre Cone High Density Rubber Surround 2 1/2" (64mm) Voice-Coil 45 oz (1275g) Magnet Steel Basket
Crossover	VARIABLE 50Hz - 150Hz LFE setting (350Hz)

Design Type	Sealed	
SIZE (W x H x D)	IN	MM
Net W	13.0	330
Net H	14.0	355
Net D	13.0	330
Gross W	13.39	340
Gross H	14.33	364
Gross D	13.86	352

*Gross dimensions include / knobs / speaker terminals / feet

WEIGHT	LB	KG
Net	42	19.1
Shipping	48	22

FINISH

Satin Black, Satin White

FEATURES

Controls	VOLUME CONTROL [AMP PANEL] VARIABLE FREQUENCY [AMP PANEL] PHASE CONTROL 0°-180° [AMP PANEL]
Connections	Low/Line Level Inputs Gold-plated Stereo RCAs USB Power Output (5V, 1A) 12V Trigger Input
Other	Universal Voltage (100V-240V, 50/60Hz) NA & EU power cords supplied Auto On/Stand-by
Energy Star Compliance	0.5w STANDBY

NOTES

When using with an LFE signal, crossover frequency control has to be set to max (LFE)