

# Introducing the new SubSeries 200

## NAD Power, Smart Bass circuitry, and Musical Performance in a Compact Design



**The SubSeries 200 continues PSB Speakers' new direction in subwoofer design,** first introduced in our popular SubSeries 300. Featuring a sophisticated, customized power amplifier developed in partnership with our sister company, NAD Electronics, the SubSeries 200 will please listeners with its effortless handling of demanding music and mighty bass in a smaller design. NAD is a leading manufacturer of high performance amplifiers, well regarded for its award-winning designs, that shares our passion for honest reproduction of music and sound for real world listeners.

### More Power, Less Energy

Capable of producing a whopping 560W of peak dynamic power, 280W of dynamic power, and 200W of continuous power (at <0.08% THD), the specially designed NAD high power Class D Discrete MOSFET amplifier output stage is 90% efficient. Our SubSeries 200 can easily handle the most demanding music without a hitch, yet it produces more power with less energy. A newly designed power supply reduces standby power consumption to an ultra low <0.5 watts for even more energy savings.

### Sweet Sound, Smart Bass

Above all else, our engineers designed our SubSeries 200 to be musical, which is apparent on your first listen. PSB's many years of experience and analysis in subwoofer design produces flat frequency response, full bass extension, low distortion, and high output. The SubSeries 200 incorporates the latest implementation of our proprietary "Smart Bass" limiting circuitry to prevent audible overload even under the most demanding music and film soundtracks. As a result, SubSeries 200 delivers consistently clean and accurate musicality no matter what you throw at it.

### Great Size, Killer Detail

The SubSeries 200's compact cabinet contains a 10-inch woofer that smoothly cranks out low frequencies thanks to its polypropylene cone, butyl rubber surround, high power 1 1/2-inch voice coil, and large 35oz magnet. With its 2 5/8-inch diameter internally and externally radiused down firing port, the SubSeries 200 virtually eliminates any port noise. Great attention to detail went into the woofer's design, with our engineers employing FEA (Finite Element Analysis) software and Klippel's sophisticated Distortion Analyzer System to minimize distortion in the 10-inch woofer.

The dynamic SubSeries 200 is designed to fit aesthetically with our versatile Image Series speakers—sharing design cues such as the cabinet's fit and finish, clean lines of the sculpted MDF fascia, and curvaceous feet—yet it will perform equally well with any quality speakers, including our own Imagine or Alpha Series speakers.

### Features

- Powerful NAD Class D Discrete MOSFET amplifier
- Capable of 560W of peak dynamic power, 280Wrms dynamic power, and 200Wrms continuous power at <0.08% THD.
- Higher power with less energy with 90% efficient output stage.
- Ultra-low, energy saving <0.5W standby power consumption.
- FEA and Klippel optimized woofer reduces harmonic distortion.
- High power handling 1 1/2-inch voice coil to minimize thermal compression.
- Massive 35oz magnet for greater woofer sensitivity and damping.
- Easily accessible front mounted control and convenient bi-colour status indicator.
- Stereo Low Level and LFE input and outputs for simple connection to source equipment.
- Available in Black Ash or Dark Cherry finish to suit any décor.



# SubSeries 200

## FREQUENCY RANGE

Response @ 0° ± 3dB	28-150Hz
LF Cutoff -10dB	25Hz

## AMPLIFIER POWER

Continuous	200W
Dynamic	280W
Dynamic Peak	560W
Type	Class D Discrete MOSFET Output Devices

## ACOUSTIC DESIGN

Woofer	10" (250mm) Polypropylene Cone Rubber Surround 1 1/2" (38mm) Voice Coil 35oz (990g) Magnet
Crossover	Variable 50-150Hz, LR4 Low Pass Filter
Internal Volume	0.77 ft <sup>3</sup> (22 litres)
Design Type	Bass Reflex 2 5/8" (67mm) Down Firing Port

## SIZE

Gross Dimensions including grille, feet, knobs and terminals	(W x H x D) 13 3/8 x 17 1/2 x 15 1/2" (338 x 443 x 391mm)
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## WEIGHT

Net	34lb (15.5kg)/each
Shipping	39lb (18kg)/each

## FINISH

Black Ash  
Dark Cherry

## FEATURES

Front Mounted Volume,  
Crossover & Phase Switch  
Auto On/Off  
LFE Input  
<0.5W Standby Power

## POWER

Input	120V, 60Hz	220-240V, 50/60Hz
Fuse	T3.15AL, 250V	T1.6AH, 250V

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