

Signature™ 800

Floor-standing loudspeaker system

Product Summary

- Superbly finished in piano gloss Tiger's Eye veneer and the finest Connolly leather, the Signature 800 refines Nautilus 800 Series technology in a true audiophile system of authority and power.
- The imposing Signature 800 stands firmly on a cast aluminium plinth, which contains the crossover components – each one painstakingly selected to preserve the finest nuances in the signal.
- The down-firing Flowport delivers bass of prodigious dynamics when called upon to do so. An improved version of the FST™ midrange driver, flexibly mounted in its sphere/tube housing. Contributing to the incredibly open sound, the tube loaded tweeter extends the system response well into the ultrasonic region.

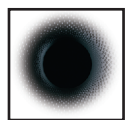
Technical highlights



Tweeter on top: B&W's Tweeter on top technology ensures that the sound remains focused and time-sensitive and that the stereo-image is presented with unparalleled three dimensional accuracy.



Kevlar®: B&W developed and patented the method of using Kevlar® for loudspeaker cones to reduce unwanted standing waves. DuPont originally created Kevlar® for use in bulletproof vests.



Flowport™: Golf ball aerodynamics theory points the way towards lower distortion reflex ports. Dimples improve the way the air flows over the surface of any object. In the case of reflex ports, they offer a significant improvement over simply flaring the port ends in reducing air flow turbulence at each end of the port; so you get less chuffing noise and less compression at high sound levels.



Matrix™: The basic construction of nearly all loudspeakers is exactly the same - panels of wood-based materials, bonded to form a rectangular box. B&W studied and evaluated how each aspect of cabinet behaviour and the efficiency of various materials and construction methods affects sound.



Description	3-way vented-box system	Nominal impedance	8Ω (minimum 3.0Ω)
Drive units	1 x 25mm metal dome high-frequency 1 x 160mm woven Kevlar® cone FST™ midrange 2 x 250mm Paper/Kevlar® cone bass	Power handling	50W - 1000W into 8Ω on unclipped programme
Frequency response	37Hz - 23kHz ± 2db on reference axis	Dimensions	Height: 1197mm Width: 450mm Depth: 645mm
Sensitivity	91db spl (2.83V, 1m)	Finishes	Cabinet: Grey Tigers Eye real wood veneer, Grille: Black Connolly leather

B&W

L I S T E N A N D Y O U ' L L S E E

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