

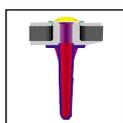
Nautilus™ 803

Floor-standing loudspeaker system

Product Summary

- Floor-standing design with a two in one cabinet construction, which reduces sound diffraction between the bass and midrange. Nautilus™ treble unit, Matrix™ cabinet and Flowport™ bass tube.
- The Nautilus 803 cabinet is made up of layers of ply. The graceful curves of the cabinet are skillfully moulded layer by layer which helps to eliminate the unwanted resonances caused by flexing of flat and square cabinet walls.

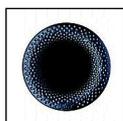
Technical highlights



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.



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|---------------------------|--|--------------------------|---|
| Description | 3-way vented-box system | Nominal impedance | 8 (min 3.0) |
| Drive units | 1 x 25mm metal dome high-frequency 1 x 150mm woven Kevlar® cone FST midrange 2 x 180mm paper/Kevlar® cone bass | Power handling | 50W - 250W into 8 ohm on unclipped programme |
| Frequency response | 42Hz - 20kHz ± 2dB on reference axis | Dimensions | Height: 1064mm Width: 285mm Depth: 431mm |
| Sensitivity | 90dB spl (2.83V, 1m) | Finishes | Cabinet: Real wood veneers, Black Ash, Cherrywood, Red Stained Cherrywood Grilles: Black cloth |



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