# Nautilus™800

## Floor-standing loudspeaker system

## Product Summary

- Technically similar to the Signature™800, it is presented in the standard Nautilus™800 Series veneers. The imposing Nautilus™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 gracefully curved cabinet, veneered in a choice of finishes and the sloping top surface covered in the finest Connolly Leather, houses two 10-inch bass drivers. Together with the down-firing Flowport, these deliver bass of prodigious dynamics. An improved version of the FST™ midrange driver, exhibits such low levels of distortion and coloration that it does not draw attention to itself.
- 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.

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| **Description** | 3-way vented-box system | **Nominal impedance** | 8Ω (minimum 3.0Ω) |
| **Drive units** | 1 x 25mm metal dome high-frequency<br>1 x 160mm woven Kevlar® cone FST™ midrange<br>2 x 250mm Paper/Kevlar® cone bass | **Power handling** | 50W - 1000W into 8Ω on unclipped programme |
| | | **Dimensions** | Height:1197mm Width: 450mm<br>Depth: 645mm |
| **Frequency response** | 37Hz - 23kHz ± 2db on reference axis | **Finishes** | Cabinet: Real wood veneers, Black Ash, Cherrywood, Red Stained Cherywood<br>Grille: Black cloth |
| **Sensitivity** | 91db spl (2.83V, 1m) | | |