

# MATRIX™ 801 Series 3

## Floor-standing loudspeaker system

### Product Summary

- The Matrix 801 features a system that delivers the demanding range of frequency and dynamic responses required in a studio environment. Launched in 1979, it quickly established itself as the definitive studio reference monitor - with more than 80% of the classical recordings monitored through the Matrix 801.
- To deliver low frequency acoustic output, the bass driver must disperse a significant amount of air. The Matrix 801 has a highly linear, high efficiency motor system which delivers the long throw and symmetrical field required to produce an outstanding low frequency response. As a home Hi-Fi Monitor it is without equal.

### Technical highlights



**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.

- **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.



**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.



<b>Description</b>	3 way vented-box system	<b>Power Handling</b>	50W – 300W into 8 ohms on unclipped programme
<b>Drive Units</b>	1 x 25mm metal dome - high frequency 1 x 126mm Kevlar® - midrange 1 x 300mm Cobex® - bass	<b>Dimensions</b>	Height: 1008mm Width: 432mm Depth: 560mm
<b>Frequency Response</b>	32Hz – 20kHz ± 3dB on reference axis	<b>Finish</b>	Black Ash, Walnut, Rosewood. Grille: Black Cloth
<b>Sensitivity</b>	87dB spl(2.83V 1m)		
<b>Nominal Impedance</b>	8 ohms (minimum 4 ohms)		

