

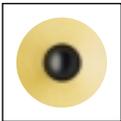
# MATRIX™ 805

## Stand-mount/Bookshelf loudspeaker system

### Product Summary

- The Matrix 805 is the smallest of the Matrix 800 Series, but it has all the technology, clarity, power and performance of the bigger speakers.
- The tweeter on top is ferrofluid cooled. The 165mm bass/mid-range driver is a Kevlar® cone. The Matrix 805 is a compact, highly sensitive 87dB shelf or stand-mounted monitor.
- As a home Hi-Fi monitor, it is ideal when space is at a premium. As a front or rear channel monitor in a Home Cinema system, the Matrix 805 excels. The entire Matrix 800 Series is Acoustically Voice Matched to deliver the same tonal balance. The Matrix 805, used in conjunction with the Matrix 800 ASW and the Matrix HTM will deliver seamless surround sound with depth, power and accuracy.

### 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>	2 way vented-box system	<b>Power Handling</b>	50W – 120W into 8 ohms on unclipped programme
<b>Drive Units</b>	1 x 25mm metal dome - high frequency 1 x 165mm Kevlar® - bass/midrange	<b>Dimensions</b>	Height: 407mm Width: 260mm Depth: 210mm
<b>Frequency Response</b>	52Hz – 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)		



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