

DM640i

Floor-standing loudspeaker system

Product Summary

- Designed with the more demanding digital sources of the nineties in mind, the 600 series has earned a reputation for minimal coloration and musical accuracy in audio reproduction. Successfully capturing the transients found in music meant developing a loudspeaker able to do justice to the attack of the original audio signal. Designed by a master of industrial design Dr Kenneth Grange, the cool, dark lines of the 600 series cabinet are perfect partner for contemporary furniture and interior design settings.
- The profound low frequency response is achieved by the use of heavier Cobex cones in the two 8in bass drivers, delivering a lower fundamental resonant frequency. The midrange unit is a separate, acoustically isolated Kevlar driver mounted in its own sub enclosure.
- This has been enhanced in the DM640 by taking the Silver Signature Kevlar cone profile, and introducing a new rubber surround, making it identical in every respect to the Kevlar driver in the much acclaimed B&W Matrix 805.
- The crossover has been revised to accommodate the changed response of the new midrange drive unit.

Technical highlights

- B&W's Tweeter technology ensures that the sound remains focused and time sensitive and that the stereo image is presented with unparalleled three dimensional accuracy.
- The strict acoustic requirements of the cabinet have dictated a front baffle moulding of extra high rigidity. The polymer has been chosen for its composition and ability to reduce unwanted resonances to a minimum.



Description	3-way 4th-order, variable port, bass reflex digital monitor system with bi-wiring	Frequency Response	46Hz – 20kHz ± 2dB on reference axis
Drive Units	1 x 26mm high frequency with metal dome, high temperature voice coil and fluid cooling	Sensitivity	91dB spl(2.83V 1m)
	1 x 160mm midrange with rigid die-cast chassis, Kevlar® diaphragm and 31mm high-temperature voice coil on Kapton® former	Nominal Impedance	4 ohms
	2 x 200mm bass/midrange with rigid die-cast chassis and 31 dia high-temperature voice coil on Kapton® former	Power Handling	30W – 200W into 4 ohms on undistorted speech and music programme
		Dimensions	Height: 965mm Width: 236mm Depth: 407mm
		Finish	Black Zelda



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