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.

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