

# DM6

## Floor-standing loudspeaker system

### Product Summary

- Early in 1972 it was decided to fill the gap in the existing range of B&W loudspeakers between the already successful DM2A and the DM70. Initially this was a fairly straightforward commercial requirement but as the development programme progressed its scope widened into the development of new measuring techniques and the use of new materials.
- It culminated in the production of what is probably the first British Loudspeaker System to take account of relative phase between the drive units and offering a transducer that has a substantially minimum phase characteristic throughout the audio spectrum, with the resultant improvement in the reproduction of all transient information.

### Technical highlights

- The DM6 Bass unit operated in an enclosure volume between 51-60 litres providing a system resonance below 50 Hz.
- The Midrange Unit crosses over from the Bass unit at 500 Hz and operates up to the point of crossover by the HF unit which was estimated around 6kHz. In view of the crossover frequencies chosen it was necessary for this unit to have a substantially linear response from well below 100kHz to some 10kHz.
- To compliment the other two units and carry the frequency response well above 20kHz. It was also felt desirable that unit should have really wide dispersion and that its diameter should be as small as possible consistent with the power handling required.



<b>Drive Units</b>	1 x TW20 high frequency unit voice coil diameter 19mm 1 x 131mm midrange unit MW150 voice coil diameter 37mm	<b>Power Handling</b>	25W – 350W
		<b>Dimensions</b>	Height including stand: 931mm Width: 410mm Depth: 380mm
<b>Frequency Response</b>	± 3dB 50Hz to 20 kHz, 3 metres on axis		
<b>Sensitivity</b>	95dB at 1 metre		
<b>Nominal Impedance</b>	8 ohms		



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