

# DM620

## Floor-standing loudspeaker system

### Product Summary

- The 600 series takes its place in a distinguished family tree that includes the world renowned Matrix 801 and the Matrix 802. Something of this superb pedigree was bound to rub off. In the same way that a luxury car benefits from racing technology, a 600 series loudspeaker system brings with it the pleasure of acquiring the worlds leading acoustic expertise with inherent good value that will be music to your ears.
- The DM620 comprises of an 8in bass/midrange driver with a reinforced polypropylene diaphragm of critical flare delivers pure, crisp sound free from audible coloration. The bass performance in the 30-litre enclosure is augmented by means of an 8in passive drive unit.
- The tweeter is a 26mm metal-domed tweeter originally developed for the highly successful Matrix 801 studio monitor. This high frequency unit has been specially created to permit higher power handling.

### Technical highlights

- An integral feature is magnetic fluid cooling which combats compression by reducing the temperature of the delicate voice coil in the tweeter at high frequencies.
- The practice of flush-mounting units into stylised moulded baffles has been implemented in the 600 Series. This, together with the bevelling of baffle edges, helps to fight diffraction and produce a cleaner sound. The front polymer compound baffles and the high density fibreboard sub-baffles combine to bolster the structure, and reduce radiation from mechanical cabinet vibration. This is further improved by internal bracing of the cabinet walls.
- The proven provision of being able to bi-wire or bi-amplify the system is present. Two sets of top quality, gold plated terminals are present to enable individual inputs for the high and low frequency units.



<b>Description</b>	2-way 4th-order passive radiator digital monitor system with bi-wiring	<b>Frequency Response</b>	58Hz – 20kHz ± 2dB on reference axis
<b>Drive Units</b>	1 x 26mm high frequency with metal dome, high-temperature voice coil magnetic fluid cooling	<b>Sensitivity</b>	96dB spl(2.83V 1m)
	2 x 200mm bass/midrange with rigid die-cast chassis, reinforced polypropylene diaphragm and 31mm high temperature voice coil on Kapton® former	<b>Nominal Impedance</b>	4 ohms
		<b>Power Handling</b>	25W – 100W into 8 ohms on undistorted speech and music programme
		<b>Dimensions</b>	Height: 742mm Width: 236mm Depth: 302mm
		<b>Finish</b>	Simulated veneers of walnut or zelda



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