

more

high fidelity range



MW164

Paper Cone Double Magnet 6" Woofer



Morel unique vented double magnet system. Increasing the magnetic field strength over the standard magnet system with corresponding low Q/T.

Treated paper cone — rubber surround — 3" voice coil with aluminium wire.

Smooth controlled response with high power handling capability — excellent bass response resulting from the longer voice coil, allowing a more linear excursion.



Specification

Overall Dimensions	∅- 160mm(6.3") x 65mm(2.55")
Nominal Power Handling (Din)	150 W
Transient Power — 10ms	1000 W
Voice Coil Diameter	75mm(3")
Voice Coil Type / Former	Hexatech Aluminium
Frequency Response	45-6000 Hz
FS — Resonant Frequency	48 Hz
Sensitivity 1W/1M	86 dB
Z — Nominal Impedance	8 ohms
RE — DC Resistance	6.4 ohms
LBM — Voice Coil Inductance @ 1 KHz	0.62 mh
Magnetic Gap Width	1.35mm(0.053")
HE — Magnetic Gap Height	6mm(0.25")
Voice Coil Height	14.5mm(0.57")
X — Max. Linear Excursion	4.25mm(0.167")
B — Flux Density / BL Product (BXL)	0.65 T / 6.7 NA
Qms — Mechanical Q Factor	2.53
Qes — Electrical Q Factor	0.78
Q/T — Total Q Factor	0.58
Vas — Equivalent Gas Air Load	11 litres (0.39 ft ³)
MMS — Moving Mass / Rmec	17gm / 2.02na/m
SD — Effective Cone/Dome Area	119 cm ²
Cone/Dome Material	Polymer Treated Paper
Nett Weight	1.1 kg

Specifications given are as after 24 hours of running.

