

more

high fidelity range



MW142

DPC Cone Double Magnet 5" Woofer



A 5" unit with a unique design, incorporating an extremely large diameter aluminium voice coil for such a small unit.

Vented double magnet system with steel chassis — damped polymer composite cone — rubber surround — smooth response to upper limit of 5 KHz with excellent on and off axis response and good roll off.

High power handling emanates from this unique design, resulting in a very impressive small bass/mid or mid range unit.



Specification

Overall Dimensions	Ø- 142mm(5.5") x 52mm(2")
Nominal Power Handling (Din)	150 W
Transient Power — 10ms	1000 W
Voice Coil Diameter	75mm(3")
Voice Coil Type / Former	Hexatech Aluminium
Frequency Response	48-5000 Hz
FS — Resonant Frequency	52 Hz
Sensitivity 1W/1M	86 dB
Z — Nominal Impedance	8 ohms
RE — DC Resistance	5.2 ohms
LBM — Voice Coil Inductance @ 1 KHz	0.5 mh
Magnetic Gap Width	1.35mm(0.053")
HE — Magnetic Gap Height	5mm(0.196")
Voice Coil Height	12mm(0.47")
X — Max. Linear Excursion	3.5mm(0.137")
B — Flux Density / BL Product (BXL)	0.6 T / 5.0 NA
Qms — Mechanical Q Factor	2.14
Qes — Electrical Q Factor	0.82
Q/T — Total Q Factor	0.45
Vas — Equivalent Gas Air Load	7 litres (0.25 ft³)
MMS — Moving Mass / Rmec	13gm / 2.06na/m
SD — Effective Cone/Dome Area	90 cm²
Cone/Dome Material	DPC (Damped Polymer Composite)
Nett Weight	0.97 kg

Specifications given are as after 24 hours of running.

