**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.

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**Specification**

- **Overall Dimensions**: 142mm(5.5”) x 52mm(2”)
- **Nominal Power Handling (Din)**: 150 W
- **Translent Power**: 1000 W
- **Voice Coi Diameter**: 75mm(3”)
- **Voice Coil Type / Former**: Hexatech Aluminium
- **Frequency Response**: 40-20000 Hz
- **Sensitivity 1W/1M**: 86 dB
- **Z — Nominal Impedance**: 8 ohms
- **RE — DC Resistance**: 5.2 ohms
- **IRM — 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**: 1.14
- **Qes — Electrical Q Factor**: 0.62
- **Q/T — Total Q Factor**: 0.46
- **Vas — Equivalent VAS Factor**: 7 litres (0.28 ft³)
- **MMS — Moving Mass / Rmec**: 13g / 2.08ms
- **SD — Effective Cone/Dome Area**: 90 cm²
- **Cone/Dome Material**: DPC (Damped Polymer Composite)
- **Net Weight**: 0.97 kg

Specifications given are as after 24 hours of running.