MDT 33
Wide Range Tweeter

An excellent hand-treated soft dome tweeter, extremely fast, using a replaceable, self-centering diaphragm assembly, incorporating flexible wire termination.

Morel unique double magnet system vented into an enhanced suitably damped rear chamber, allowing very low resonance and freedom from "honking" at the lower operating frequencies.

Aluminium voice coil — liquid cooled high power handling — high sensitivity — low distortion — smooth extended excellent on and off axis frequency response.

A very high dynamic range without compression of sound pressure level. Packed in matched pairs.

**Specification**

- **Overall Dimensions**: ø 110mm(4.3") x 66mm(2.6")
- **Nominal Power Handling (Din)**: 200 W
- **Transient Power**: 1000 W
- **Voice Coil Diameter**: 28mm(1.125")
- **Voice Coil Type / Former**: Hexatech Aluminium
- **Frequency Response**: 1800 - 20000 Hz ± 0.6 dB
- **FS — Resonant Frequency**: 700 Hz ± 10%
- **Sensitivity 1W/1M**: 92.5 dB
- **Z — Nominal Impedance**: 8 ohms
- **RE — DC Resistance**: 5.2 ohms
- **Harmonic Distortion for 96 dB SPL**: <0.8%
- **Intermodulation Distortion for 96 dB SPL**: <0.2%
- **LBM — Voice Coil Inductance @ 1 Khz**: 0.09 mH
- **Magnetic Gap Width**: 0.75mm(0.029")
- **HE — Magnetic Gap Height**: 2.5mm(0.098")
- **Voice Coil Height**: 2.7mm(0.106")
- **B — Flux Density / BL Product (BxL)**: 1.95 T / 8.3 NA
- **Qms — Mechanical Q Factor**: 0.159
- **Qet — Electrical Q Factor**: 0.195
- **QfT — Total Q Factor**: 0.088
- **Vas — Equivalent Air Load**: 0.01lbers
- **MMS — Moving Mass**: 0.44 gm
- **SD — Effective Cone/Dome Area**: 6.0 cm²
- **Cone/Dome Material**: Hand Treated Selected Fabric
- **Nett Weight**: 1.2 kg

Specifications given are as after 24 hours of running.