MDT 29
Soft Dome Tweeter

A more cost-effective high quality tweeter. Hand-treated soft dome, copper voice coil with self-terminating leads, liquid cooled and self-centering replaceable diaphragm assembly.

This tweeter exhibits a very smooth frequency response, both on and off axis, with good power handling and low distortion.

The soft dome and voice coil’s mass are critically matched, resulting in a low resonance point of 900 Hz, and very smooth roll off from 1800 Hz, making this tweeter ideal for any two-way or three-way system.

Specifications:
- Overall Dimensions: Ø 94mm (3.7") x 29mm (1.14")
- Nominal Power Handling (DIN): 80 W
- Transient Power — 10ms: 1000 W
- Voice Coil Diameter: 28mm (1.125")
- Voice Coil Type / former: Copper Wire / Aluminium
- Frequency Response: 1800-20000 Hz
- FS — Resonant Frequency: 900 Hz
- Sensitivity 1W/1M: 89 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: 0.05 mH
- Magnetic Gap Width: 0.75mm (0.029")
- HE — Magnetic Gap Height: 2.5mm (0.098")
- Voice Coil Height: 1.5 T / 3.3 NA
- Qms — Mechanical Q Factor: 0.143
- Qes — Electrical Q Factor: 0.078
- Q/T — Total Q Factor: 0.050
- Vas — Equivalent Air Volume: 0.01 liters
- MMS — Moving Mass: 0.5 gm
- SD — Effective Cone/Dome Area: 6.0 cm²
- Cone/Dome Material: Hand Treated Fabric
- Nett Weight: 0.536 kg

Specifications given are as after 24 hours of running.