

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.

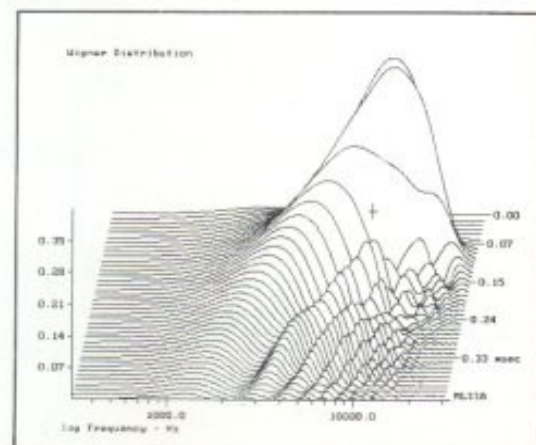
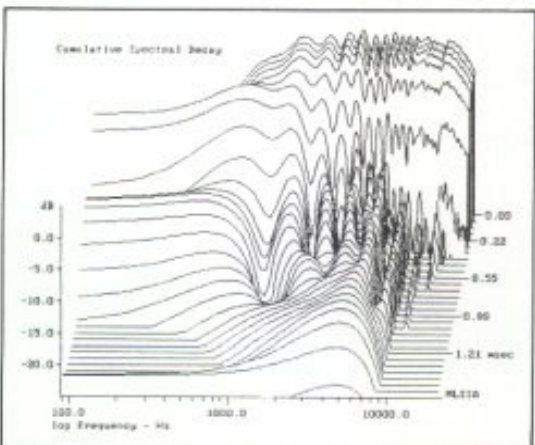
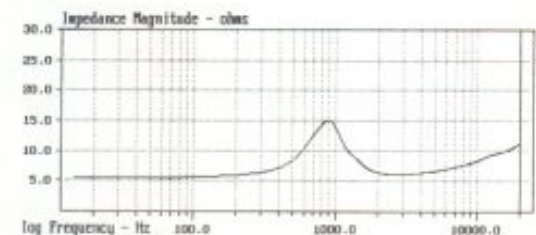
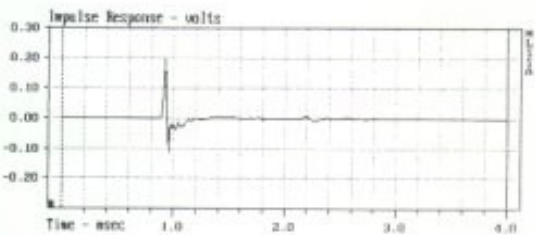
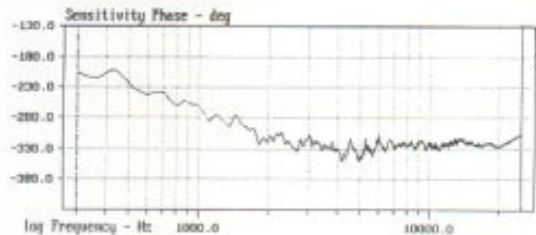
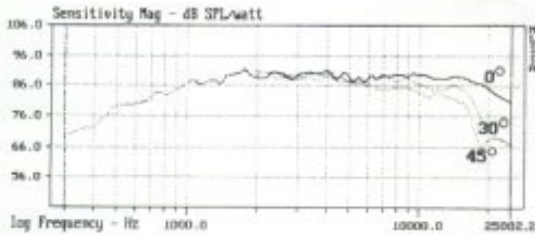
This tweeter exhibits a very smooth frequency response, both on and off axis, with good power handling and low distortion.

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.

Specification

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	2.5mm(0.098")
B - Flux Density / BL Product (BXL)	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 Cas Air Load	0.01 litres
MMS - Moving Mass	0.5 gm
SD - Effective Cone/Dome Area	6.0 cm ²
Cone/Dome Material	Hand Treated Fabric
Nett Weight	0.536 kg

Specifications given are as after 24 hours of running.



high
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range

