



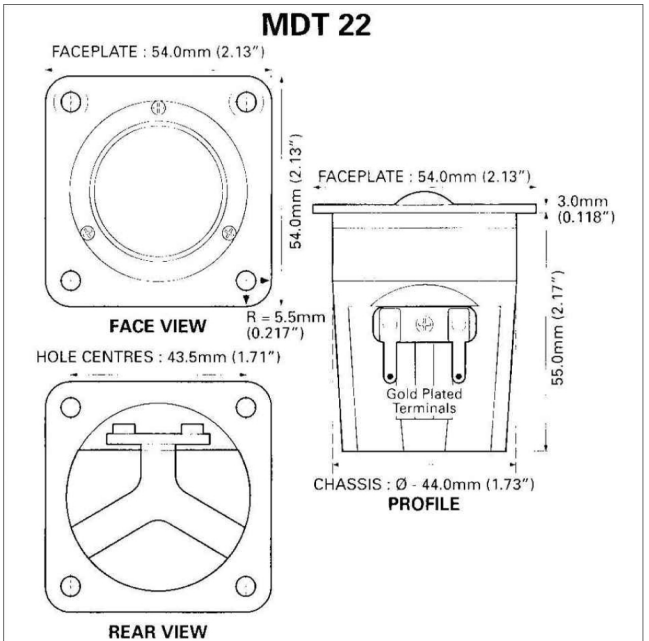
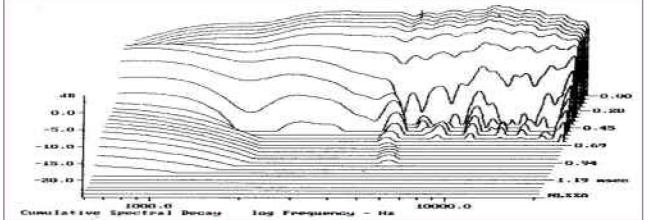
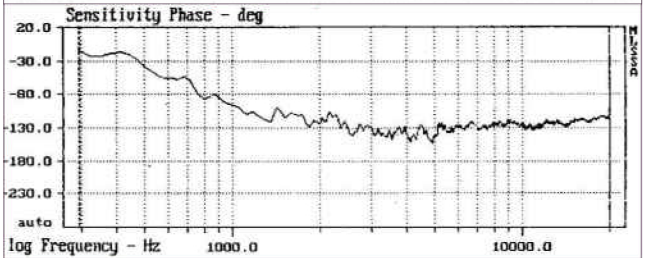
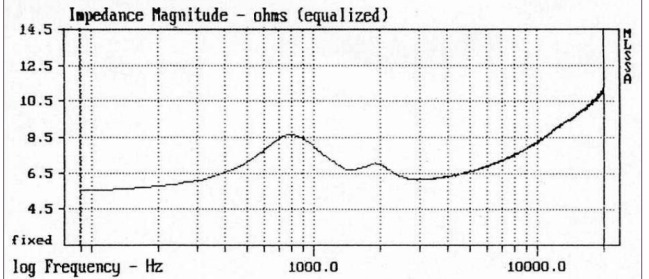
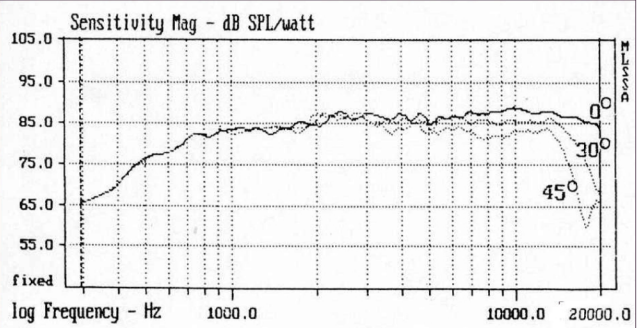
MDT 39

28mm Compact Soft Dome Tweeter

- Large diameter voice coil
- Ferrofluid cooled
- High power handling
- Gold-plated terminals
- Magnetically shielded for A/V systems



SPECIFICATIONS	
Overall Dimensions	54mm (2.12") x 54mm (2.12") x 58mm (2.28")
Nominal Power Handling (DIN)	P 80 W
Transient Power 10ms	500 W
Nominal Impedance	Z 8 Ohm
Sensitivity 1W/1M	88 dB
Frequency Response	2200 - 20000 Hz
Resonant Frequency	FS 750 Hz
VOICE COIL	
Voice Coil Diameter	DIA OD 28 mm (1.1")
Voice Coil Height	2,5 mm (0.098")
Voice Coil Former	Aluminium
Voice Coil Wire	Copper
Number of Layers	2
DC Resistance	RE 5,2 Ohm
Voice Coil Inductance @ 1KHz	LBM 0,06 mH
MAGNET SYSTEM	
Magnet System Type	Neodymium, vented in rear chamber
HE - Magnetic Gap Height	HE 2,5 mm (0.098 .)
B Flux density	B 1,4 T
BL Product	BxL 2,6 N.A
Max. Linear Excursion	X
OPERATIONAL PARAMETERS	
Moving Mass	MMS 0,46 gm.
Cone / Dome Material	Hand treated fabric
Effective Piston Area	SD 7,0 cm ²
Net Weight	Kg. 0,1 kg.



The MDT 39 is a small, high quality tweeter, ideal to match in a d'Appolito system because the woofers can be mounted very close to each other. The damped chamber gives the tweeter a very low resonance point of only 750 Hz, which allows to use 1st and 2nd order crossovers, even with quite low crossover points. Matching with 20cm woofers in a 2-way system will be no problem.

The Tweeters are not 100% shielded so we suggest to test each system design individually.