



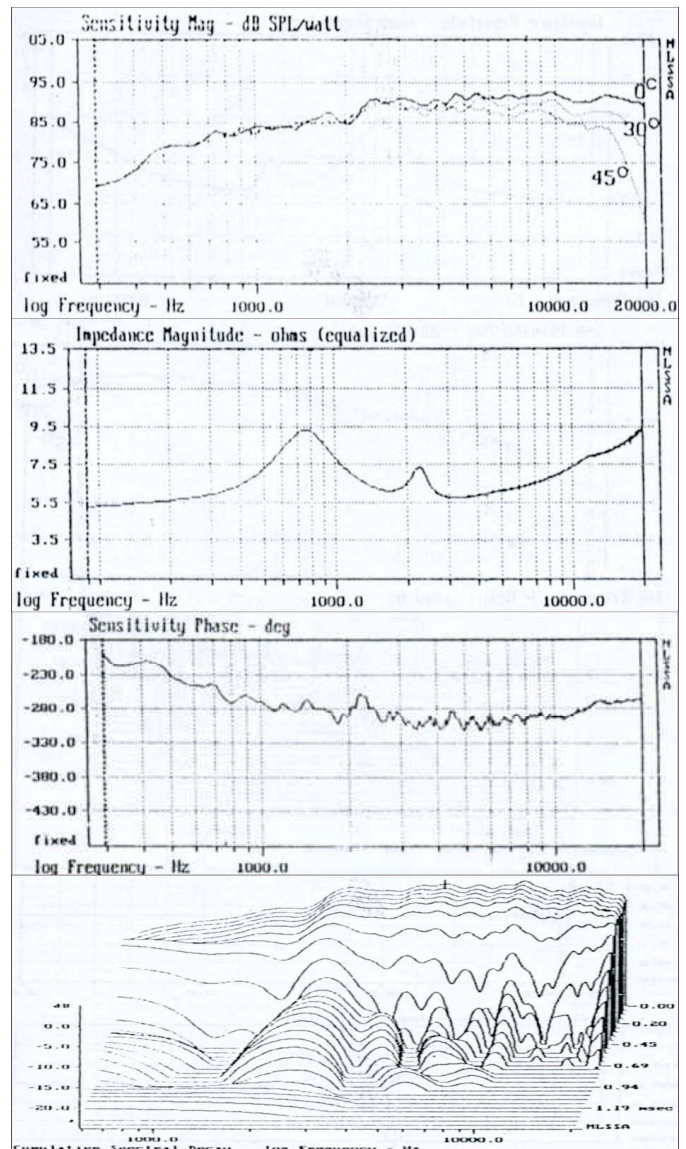
MDT 44

28mm Reference Silk Dome Tweeter

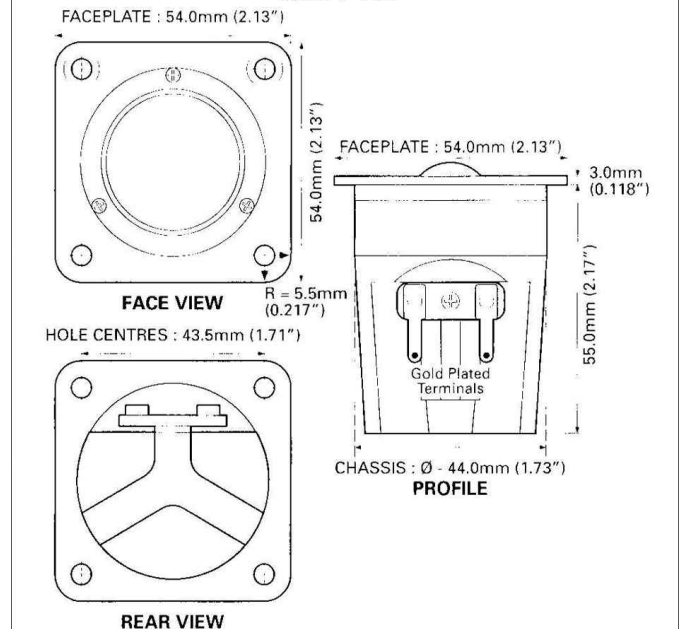
- Double Neodymium Magnet
- Large 28mm Hexatech aluminium voice coil
- Ferrofluid cooled
- High power handling
- Replaceable dome/coil assembly
- Gold plated terminals
- Sealed and dampened rear chamber
- Magnetically shielded for A/V systems
- Delivered as matched pairs



SPECIFICATIONS		
Overall Dimensions		54mm (2.12") x 54mm (2.12") x 58mm (2.28")
Nominal Power Handling (DIN)	P	120 W
Transient Power 10ms		1000 W
Nominal Impedance	Z	8 Ohm
Sensitivity 1W/1M		92 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		2,7 mm (0.106")
Voice Coil Former		Aluminium
Voice Coil Wire		Hexatech aluminium
Number of Layers		2
DC Resistance	RE	5,2 Ohm
Voice Coil Inductance @ 1KHz	LBM	0,05 mH
MAGNET SYSTEM		
Magnet System Type		Double neodymium vented
HE - Magnetic Gap Height	HE	2,5 mm (0.098 .)
B Flux density	B	1,7 T
BL Product	BxL	4,3 N.A
Max. Linear Excursion	X	
OPERATIONAL PARAMETERS		
Moving Mass	MMS	0,46 gm.
Cone / Dome Material		Acuflex Hand treated silk dome
Effective Piston Area	SD	7,0 cm²
Net Weight	Kg.	0,1 Kg.



MDT 22



This small, panel mounted reference tweeter is provided with **even two neodymium magnets** to power the Hexatech aluminium voice coil. The special hand treated softdome is damped by a large rear chamber which gives a rather low resonance point of only 750Hz. Therefore this tweeter can be matched with any crossover and speaker combination, because of the size of the faceplate especially in d'Appolito set-ups. As dome we use the same type as in the MDT 33. The drivers are packed **as matched pairs**. The tweeters are not 100% shielded so we suggest to test each system design individually.