

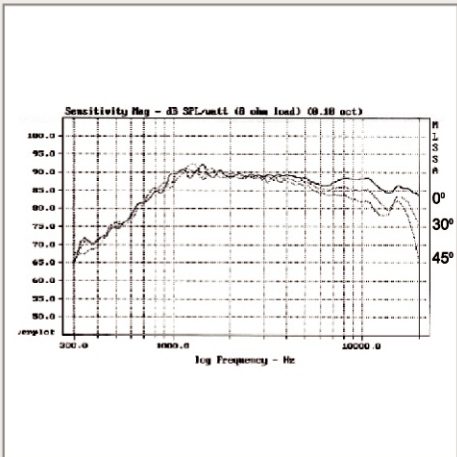
MDT 12 - SOFT DOME TWEETER

Neodymium Magnet Motor



FEATURES:

- Large diameter voice coil
- Powerful Neodymium magnet system
- Magnetically shielded for A/V systems
- Ferrofluid cooled
- High power handling
- Sturdy gold-plated input tags



Specifications

Overall Dimensions		54x54x19mm(2.1x2.1x0.75")
Nominal Power Handling (D.N)	P	80 W
Transient power 10ms		500 W
Nominal Impedance	Z	8 Ohms
Sensitivity 1W/1M		89 dB
Frequency Response		1800-25000 Hz
Resonant Frequency	FS	1000 Hz

Voice coil

Voice Coil Diameter	DIA	28mm (1.125")
Voice Coil Height		2.5mm (0.098")
Voice Coil Former		Aluminum
Voice Coil Wire		Copper
Number of Layers		2
DC Resistance	RE	5.2 Ohms
Voice Coil Inductance @ 1KHz	LBM	0.05 mH

Magnet System

Magnet System Type		Neodymium
HE - Magnetic Gap Height	HE	2.5mm (0.098")
B Flux Density	B	1.4 T
BL Product	BXL	2.8 N.A
Max. Linear Excursion	X	

Operational Parameters

Suspension Compliance	CMS	
Mechanical Q Factor	QMS	
Electrical Q Factor	QES	
Total Q Factor	Q/T	
Mechanical Resistance	RMS	
Moving Mass	MMS	0.47 gm.
Eq. Cas Air Load (liters)	VAS	
Cone / Dome Material		Selected Soft Fabric
Effective Piston Area	SD	6.0 cm ²
Net Weight	Kg.	0.08 Kg.

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