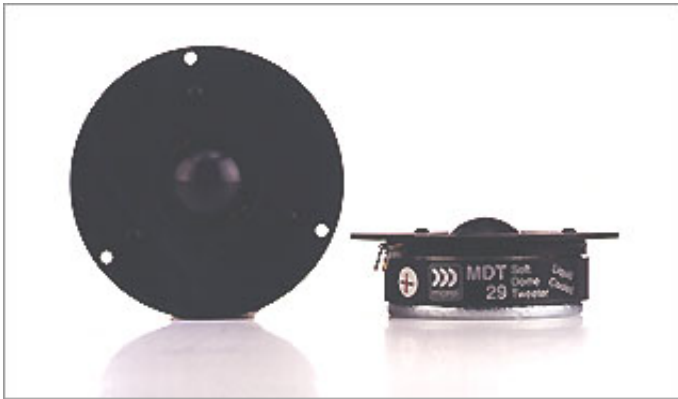




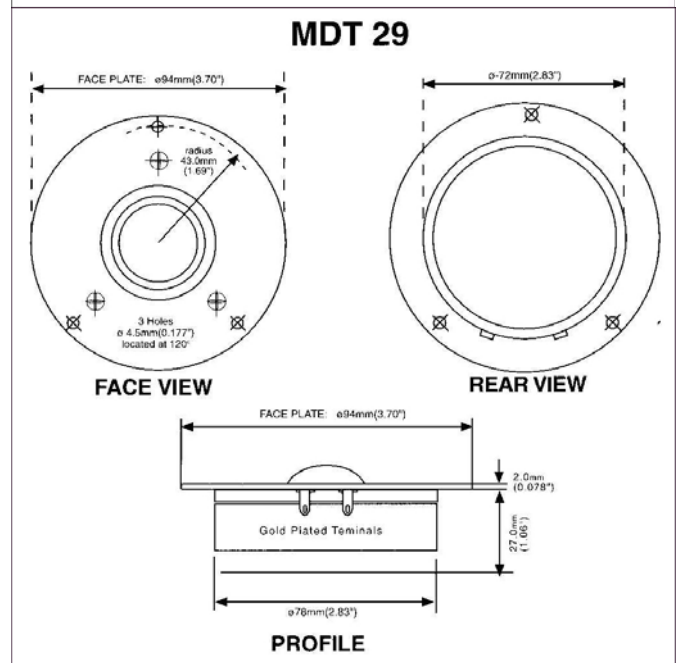
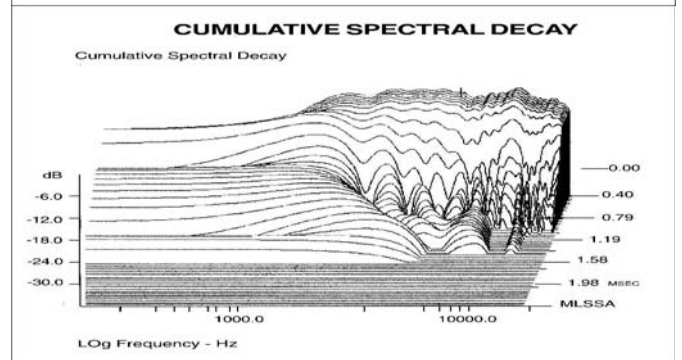
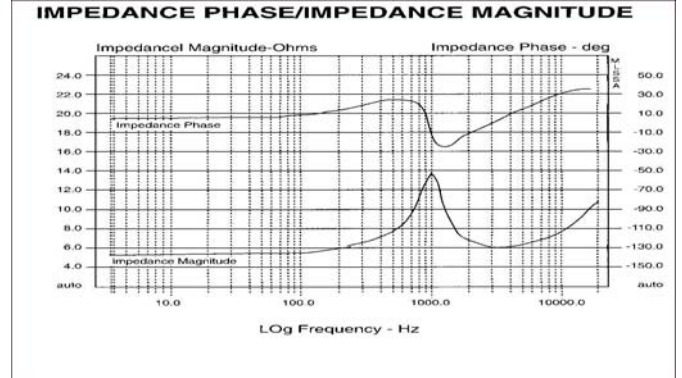
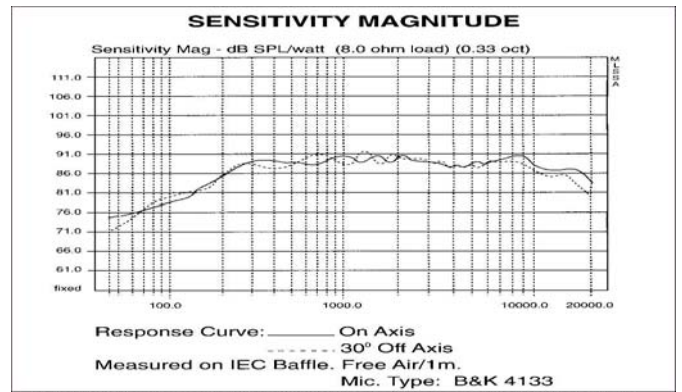
MDT 29

Soft Dome Tweeter

- Large diameter voice coil
- Ferrofluid cooled
- High power handling
- Replaceable dome/coil assembly
- Sturdy gold-plated input tags
- Injected polymer faceplate
- High value for money



SPECIFICATIONS		
Overall Dimensions		OD 94mm (3.7") x 27mm (1.06")
Nominal Power Handling (DIN)	P	80 W
Transient Power 10ms		1000 W
Nominal Impedance	Z	8 Ohms
Sensitivity 1W/1M		89 dB
Frequency Response		1800 - 20000 Hz
Resonant Frequency	FS	900 Hz
VOICE COIL		
Voice Coil Diameter	Ø	OD 28mm (1.125")
Voice Coil Height		2.5mm (0.098")
Voice Coil Former		Aluminium
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		Ferrite
HE - Magnetic Gap Height	HE	2.5mm (0.098")
B Flux density	B	1.45T
BL Product	BXL	3.3 N.A
Max. Linear Excursion	X	
OPERATIONAL PARAMETERS		
Moving Mass	MMS	0.5gm.
Cone / Dome Material		Hand Treated Fabric
Effective Piston Area	S	6.0 cm ²
Net Weight	Kg.	0.536 Kg.



This MDT 29 is a very cost effective tweeter and many used by high-quality manufacturers. The hand treated 28mm replaceable softdome is liquid cooled. This tweeter exhibits a very smooth frequency response, both on and off axis with good power handling and low distortion. The softdome and voice coil's mass are critically matched, resulting in a low resonance point and very smooth roll off from 1800Hz, making the tweeter ideal for any 2- or 3-way system with crossover slopes of 6 or 12dB/octave like all other Morel tweeters.