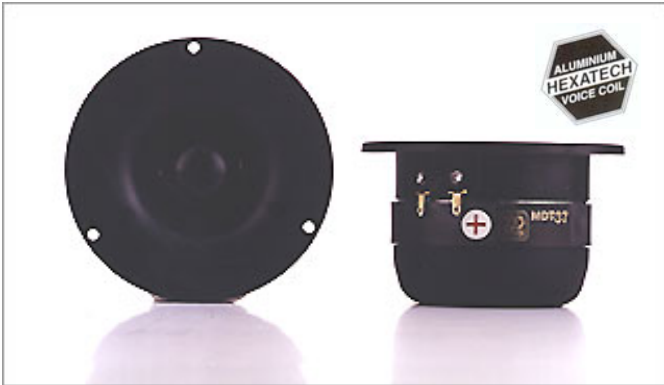




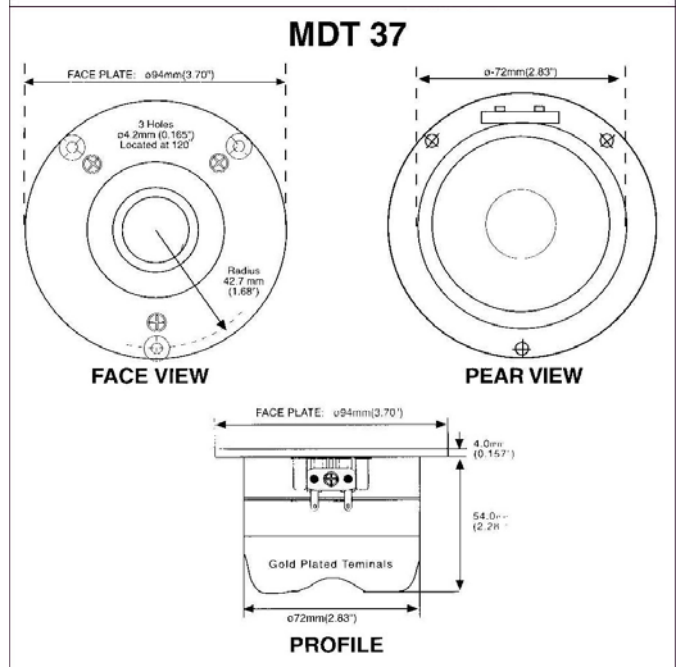
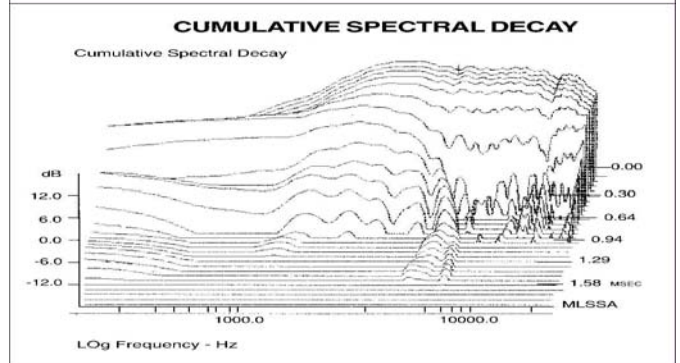
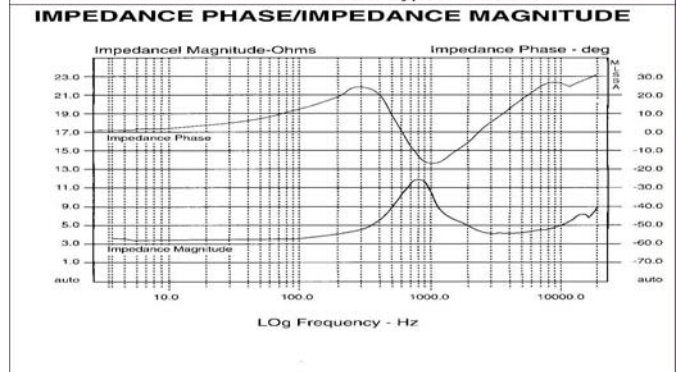
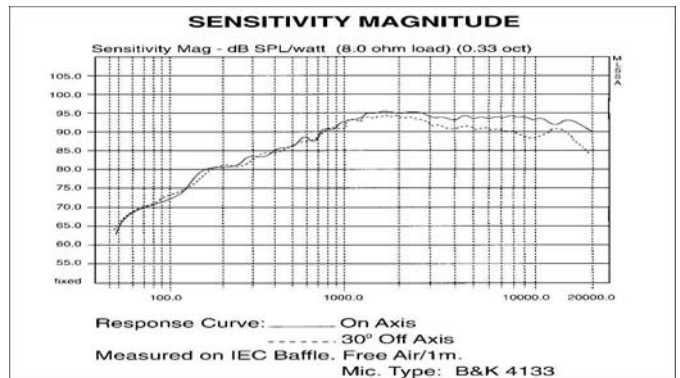
# MDT 37

## Soft Dome Horn Tweeter

- Large diameter Hexatech aluminium voice coil
- Ferrofluid cooled
- High power handling
- High max. SPL of 116dB nom.
- Replaceable dome/coil assembly
- Sturdy gold-plated input tags
- Injected polymer faceplate



SPECIFICATIONS		
Overall Dimensions		OD 94mm (3.7") x 58mm (2.28")
Nominal Power Handling (DIN)	P	200 W (116dB)
Transient Power 10ms		1000 W
Nominal Impedance	Z	8 Ohms
Sensitivity 1W/1M		93 dB
Frequency Response		1800 - 22000 Hz
Resonant Frequency	FS	700 Hz
VOICE COIL		
Voice Coil Diameter		28mm (1.1")
Voice Coil Height		2.7mm (0.106")
Voice Coil Former		Aluminium
Voice Coil Wire		Hexatech Aluminium
Number of Layers		2
DC Resistance	RE	5.2 Ohms
Voice Coil Inductance @ 1KHz	LBM	0.09 mH
MAGNET SYSTEM		
Magnet System Type		Ferrite Vented
HE - Magnetic Gap Height	HE	2.5mm (0.098")
B Flux density	B	1.5T
BL Product	BXL	3.5 tm
Max. Linear Excursion	X	
OPERATIONAL PARAMETERS		
Moving Mass	MMS	0.44 gm.
Cone / Dome Material		Hand Treated Selected Fabric
Effective Piston Area	S	6.0 cm <sup>2</sup>
Net Weight	Kg.	0.56 Kg.



This very high efficiency and rigid built tweeter is an improved version of the well-established and highly regarded MDT 27. A new horn facia, less deep and optimised for his purpose make this one even better. A better off axis response, improved dispersion and 3dB higher sensitivity above 5kHz are the results as well as a very flat frequency response curve. The damped rear chamber lowers the resonant frequency and smoothens the impedance curve. The ferro fluid, Hexatech aluminium voice coil let this special tweeter handle a tremendous power and provides high efficiency systems with a crystal clear and clean, dynamic sound. Quick service by self-centering dome assembly and very high SPL make this tweeter a perfect match for very high quality PA-systems as well as for high efficiency horn systems.