



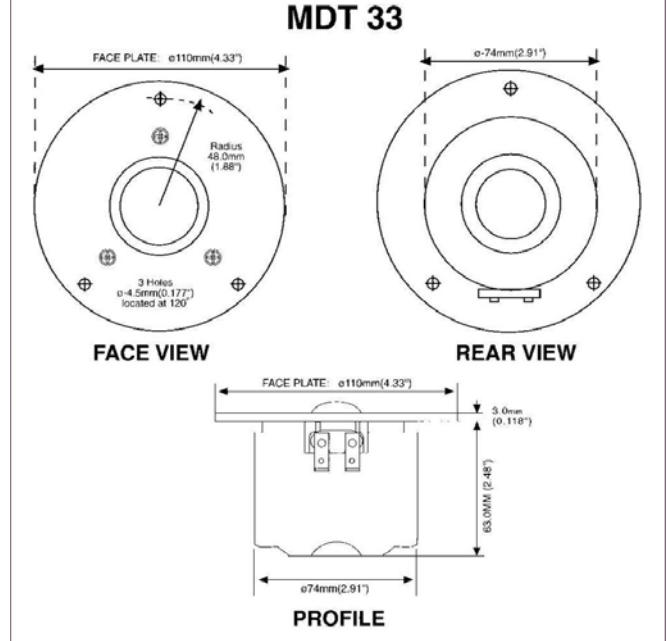
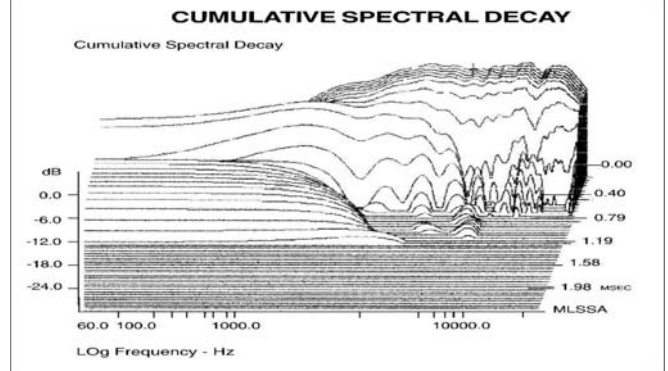
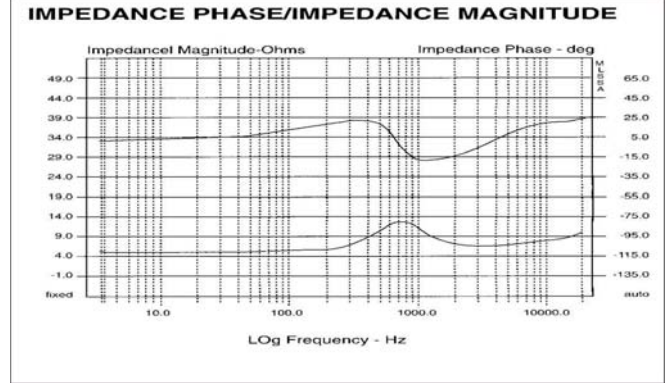
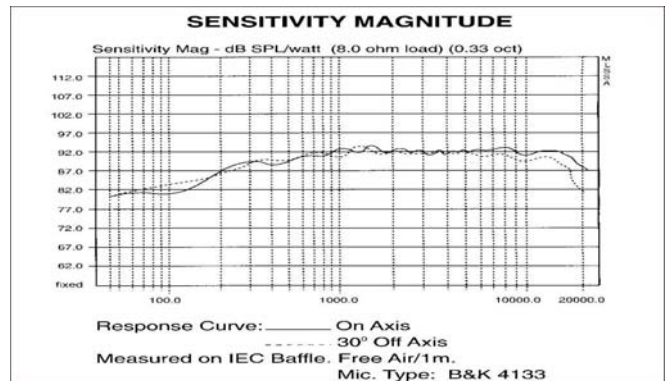
MDT 33

Triple magnet, Soft Dome Tweeter

- Packed in matched pairs
- Triple magnet system
- High sensitivity
- Large Hexatech aluminium voice coil
- High power handling
- Replaceable dome/coil assembly
- Aluminium face plate



SPECIFICATION		
Overall Dimensions		OD 110mm (4.32") x 66mm (2.6")
Nominal Power Handling (DIN)	P	200 W
Transient Power 10ms		1000 W
Nominal Impedance	Z	8 Ohms
Sensitivity 1W/1M		92.5 dB
Frequency Response		1800 - 20000 Hz
Resonant Frequency	FS	700 Hz + - 10%
VOICE COIL		
Voice Coil Diameter	OD	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 Triple system
HE - Magnetic Gap Height	HE	2.5mm (0.098")
B Flux density	B	1.95T
BL Product	BXL	6.3 N.A
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 ²
Net Weight	Kg.	1.2 Kg.



For a very long time this was Morel's flagship tweeter (insiders often use it as reference), incorporating a hand-treated soft dome and a large-diameter Hexatech aluminium voice coil. The magnet system is a powerful heavyweight triple-magnet housed in a protective aluminium envelop. The faceplate is of aluminium sprayed with fine-sanded black finish. It has a self-centering replaceable dome coil assembly. The pole piece of the tweeter is vented into the cavity of the magnet system which serves as a loading chamber for the tweeter. This tweeter exhibits crystal-clear and detailed sound, fast transient response and excellent dynamics. The Hexatech aluminium voice coil has flexible wire terminations. This, together with low viscosity ferrofluid cooling, gives this unit high power handling capability. The low resonance point and extended frequency response with smooth roll-off allows these units, which are packed in matched pairs, to be easily coupled with all types of crossovers in any 2- or multi-way reference speaker system.