



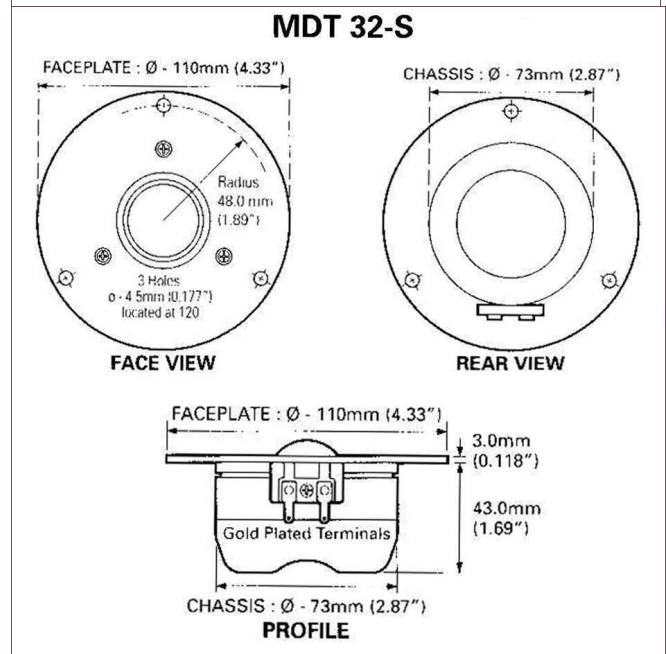
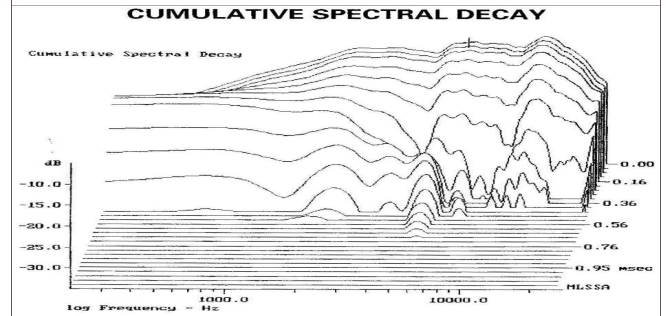
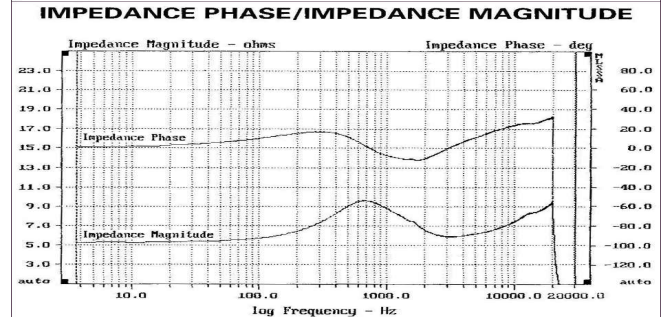
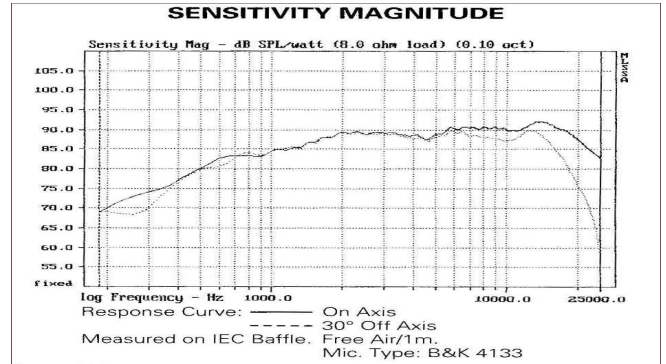
MDT 32S

28mm Handcoated Silk Dome Tweeter

- Large diameter Hexatech voice coil
- Ferrofluid cooled
- High power handling
- Replaceable dome/coil assembly
- Dampened rear chamber
- Sturdy gold-plated terminals
- Aluminium faceplate



SPECIFICATIONS		
Overall Dimensions		OD 110mm (4.33") x 46mm (1.81")
Nominal Power Handling (DIN)	P	200 W
Transient Power 10ms		1000 W
Nominal Impedance	Z	8 Ohm
Sensitivity 1W/1M		90 dB
Frequency Response		1600 – 25000 Hz
Resonant Frequency	FS	650 Hz
VOICE COIL		
Voice Coil Diameter	fi	28 mm (1.125")
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	0,09 mH
MAGNET SYSTEM		
Magnet System Type		Ferrite, Vented Pole
HE - Magnetic Gap Height	HE	2,5 mm (0.098")
B Flux density	B	1,5 T
BL Product	BXL	3,5 N.A
Max. Linear Excursion	X	
OPERATIONAL PARAMETERS		
Moving Mass	MMS	0,44 gm.
Cone / Dome Material		Hand Treated Selected Silk dome
Effective Piston Area	S	6,0 cm ²
Net Weight	Kg.	0.56 Kg.



The MDT-32S is an improved version of the former MDT-32 and is the most popular Morel driver worldwide with a very high and regarded reputation. The hand treated silk softdome has great consistency. The large volume, damped rear chamber is shaped to minimise vibrations and internal reflections. A very smooth impedance curve and a low resonance point is the result. A 28mm aluminium Hexatech voice coil and ferro fluid cooling let this tweeter handle a tremendous power. It exhibits a clear and detailed sound with a fast transient response and excellent dynamics.

Because of the flat impedance curve and low Fs, the easiest 6dB/octave crossovers can be used, even in 2-way systems with larger sized woofers and low crossover frequency.

For exchange of other (bad/broken) industry standard tweeters both MDT-30 and MDT-32 are available with 104mm faceplate on request now.