



DEGO

Definition of Sound

Master 3000 Ti 25

SPECIALLY COATED FABRIC DOME DRIVER

Instruction manual for Tweeter set

Article-No. 970 0076 00

Master Series

Designed, engineered & manufactured in Germany

CONGRATULATIONS!

You have just purchased the DEGO Reference Tweeter Master 3000 Ti.

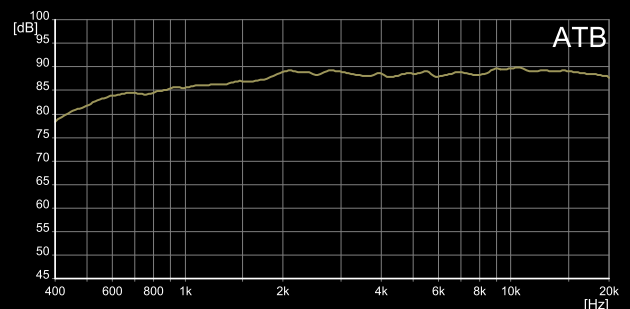
It features a 25 mm specially treated silk dome, a vented pole piece and a strong neodymium magnet with added volume in a particularly installation-friendly option. The outstanding pillar design and emerging sound stage makes it one of the finest speakers in German engineering.



MASTER 3000 Ti SPECIFICATIONS

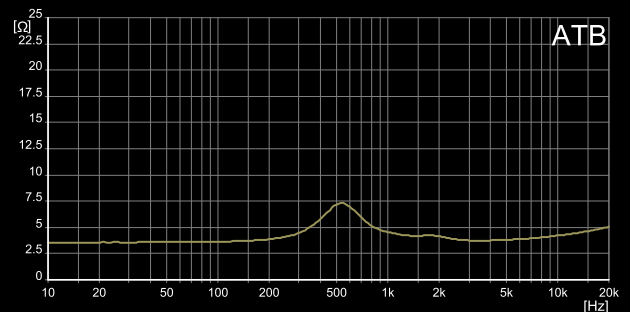
DC resistance	R_e	3.4	Ω
Nominal impedance	Z_N	4	Ω
Voice coil inductance	L_e	0.03	mH
Voice coil diameter		25	mm
Voice coil height		1.4	mm
Height of gap		2	mm

Frequency response [1W/1m]



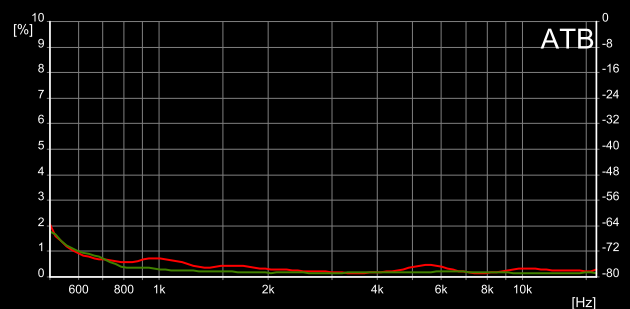
Resonance frequency	f_s	568	Hz
Mechanical Q factor	Q_{rms}	1.35	
Electrical Q factor	Q_{es}	0.74	
Total Q factor	Q_{ts}	0.48	

Impedance



Moving mass	M_{ms}	0.30	g
Effective piston area	S_d	7.07	cm ²
Mechanical resistance	R_{ms}	0.79	Kg/s
Compliance	C_{ms}	0.26	mm/N
Force factor	Bl	2.23	Tm
Equivalent air volume	V_{as}	0.019	dm ³
Efficiency	η	0.45	%
SPL 1W/1m		88.7	dB
SPL 2.83V/1m		92.4	dB

Harmonic Distortion [1W/1m]



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Tweeter	25	mm	Mounting depth	28.9	mm
Impedance	4	Ω	Outside diameter	68	mm
Nominal Power *	80	W	Mounting diameter	47	mm
Peak Power	120	W			
Frequency Response	1.5 - 23	kHz			
Sensitivity 1W/1m	88	db			

* Filter: 2. order HP Butterworth 2.5 kHz

