



DEGO

*Definition of Sound*

Master 3000 MR

HIGH TECH ALUMINIUM CONE DRIVER

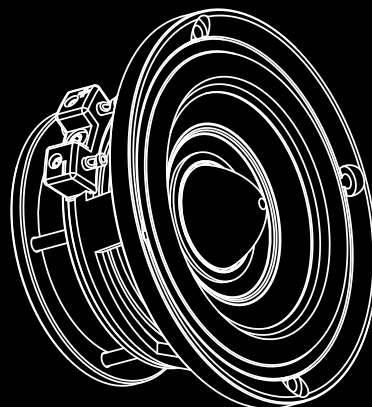
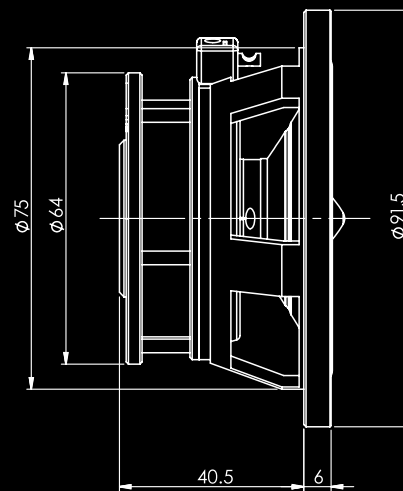
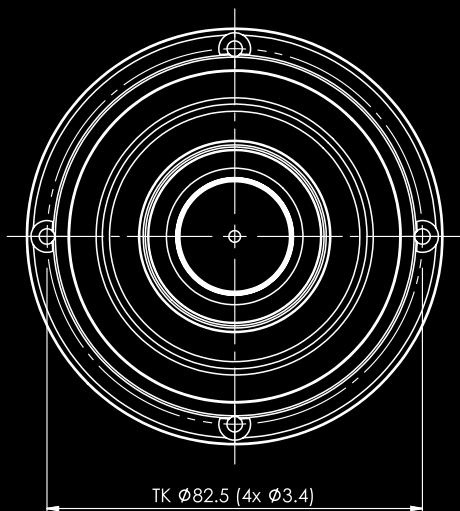
Owner's manual for the Midrange set

Master SERIES

Designed, engineered & manufactured in Germany

MASTER 3000MR SPECIFICATIONS

Woofers	(inch)	6.5	Mounting Depth	(mm)	40.5
Impedance	(Ohm)	4	Outside Diameter	(mm)	91.5
Nominal Power	(Watt)	100	Mounting Diameter	(mm)	75
Peak Power	(Watt)	120			
Frequency Response	(Hz)	45 - 6k			
Sensitivity	(db, 1W/1m)	90			



## CONGRATULATIONS!

You have just purchased the DEGO Reference Midrange Master 3000 MR.

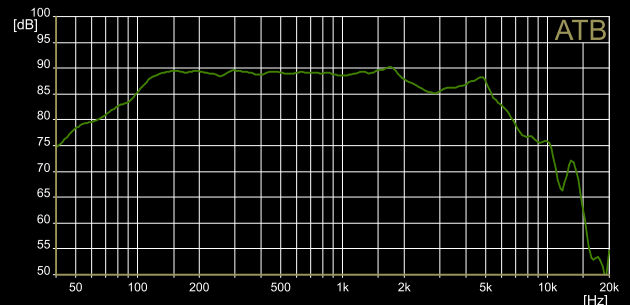
The totally new developed aluminium cone with R.A.C.E technology a strong neodymium magnet, optimized rubber surround, vented basket and outstanding pillar design makes the DEGO Reference Midrange one of the finest speakers in German engineering.



### MASTER 3000MR SPECIFICATIONS

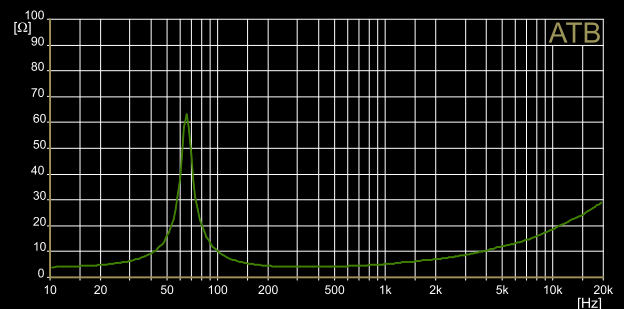
DC resistance	Re	3.4	Ω
Nominal impedance	Zn	4	Ω
Voice coil inductance	Le	0.29	mH
Voice coil diameter		37	mm
Voice coil height		12	mm
Height of gap		6	mm
Linear excursion		± 3	mm
Max. mech. excursion		± 10	mm

Frequency response [1W/1m]



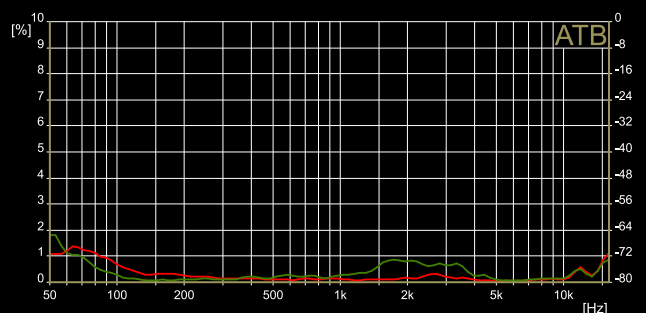
Resonance frequency	fs	62	Hz
Mechanical Q factor	Qms	10	
Electical Q factor	Qes	0.42	
Total Q factor	Qt	0.41	

Impedance



Moving mass	Mms	13.5	g
Effective piston area	Sd	135	cm <sup>2</sup>
Mechanical Resistance	Rms	0.53	kg/s
Compliance	Cms	0.47	mm/N
Force factor	Bl	6.54	Tm
Equivalent volume	Vas	12.1	dm <sup>3</sup>
Efficiency		0.69	%
SPL 1W/1m		90	dB
SPL 2.83V/1m		93	dB

Harmonic Distortion [1W/1m]



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