



DEGO

Definition of Sound

HIGH TECH ALUMINIUM CONE DRIVER

Owner's manual for the Woofer set
Master 2000MW

Serial number: 4808026

Master SERIES

Designed by German engineers, manufactured in Germany

GENERAL INFORMATION

Congratulations!

You have just purchased the DEGO Reference Midwoofer Master 2000 MW made in Germany by Ehmann & Partner.

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 Midwoofer one of the finest speakers in German engineering.

CONTENT

The complete set includes:

- 2 midwoofers with HIGH TECH aluminium cone
- Owner's manual

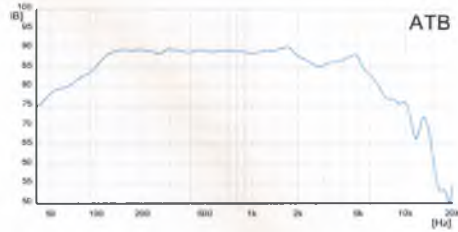
SPECIFICATIONS

Woofers	(inch)	6.5
Impedance	(Ohm)	4
Nominal Power	(Watt)	100
Peak Power	(Watt)	120
Frequency Response	(Hz)	45 - 6k
Sensitivity	(dB, 1W/1m)	90
Mounting Depth	(mm)	67,4
Outside Diameter	(mm)	166
Mounting Diameter	(mm)	142

Speaker Specification

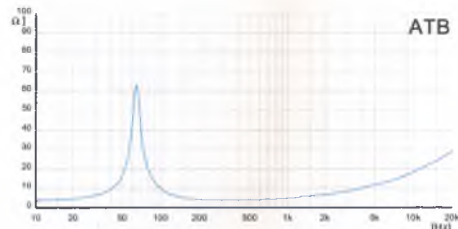
DC resistance	Re	3.4	Ω
Nominal impedance	Zn	4	Ω
Voice coil inductance	Le	0.29	mH
Voice coil diameter		37	mm
Voice coil height		12	mm
Height of gap		6	mm
Linear excursion		± 3	mm
Max. mech. excursion		± 10	mm

Frequency response [1W/1m]



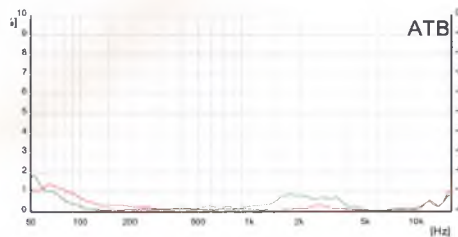
Resonance frequency	fs	62	Hz
Mechanical Q factor	Qms	10	
Electrical Q factor	Qes	0.42	
Total Q factor	Qt	0.41	

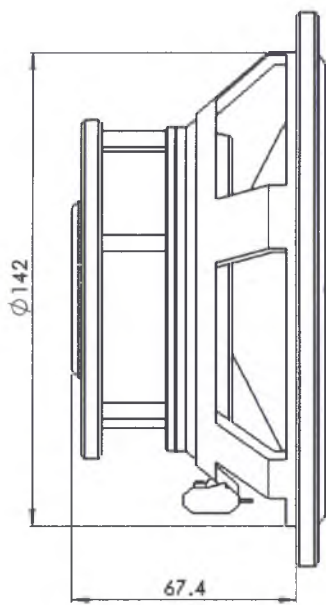
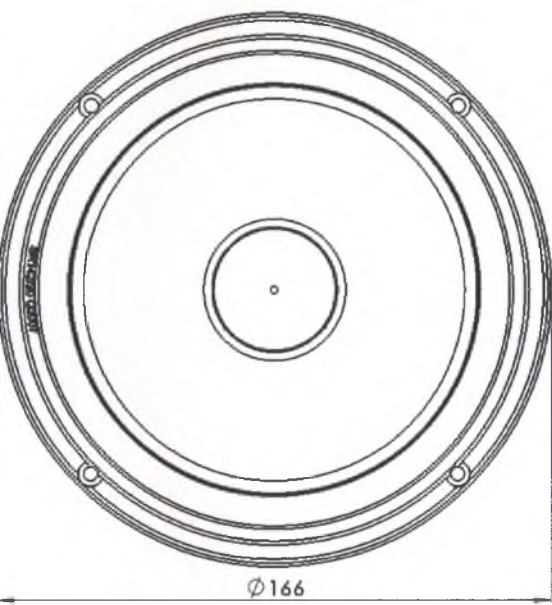
Impedance



Moving mass	Mms	13.5	g
Effective piston area	Sd	135	cm ²
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 ³
Efficiency		0.69	%
SPL 1W/1m		90	dB
SPL 2,83V/1m		93	dB

Harmonic Distortion [1W/1m]





Woofer drawing