



DEGO

*Definition of Sound*

Space 3000 MW 165

HIGH TECH ALUMINIUM CONE DRIVER

Instruction manual for Midwoofer set

Article-No. 970 0052 00

Space Series

Designed, engineered & manufactured in Germany

## CONGRATULATIONS!

You have just purchased the DEGO Reference Midwoofer Space 3000 MW.

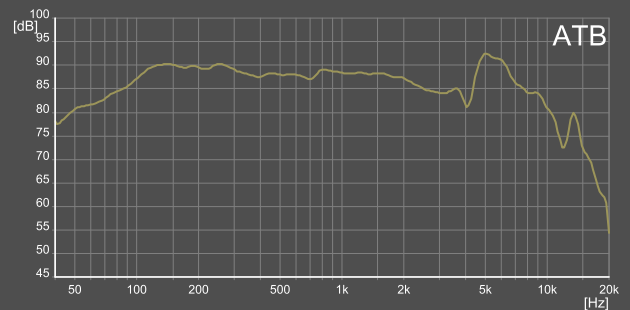
The 165 mm bass-midwoofer with resonance damping membrane embossing and aluminium dome. The R.A.C.E. technology reduces natural resonances of the aluminium cone. The solid aluminum die-cast basket offers an optimal pole core valve. The DEGO Space Midwoofer is one of the finest speakers in German engineering.



### SPACE 3000 MW SPECIFICATIONS

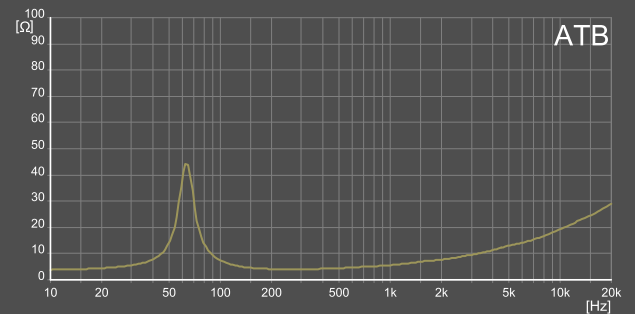
DC resistance	$R_e$	3.4	$\Omega$
Nominal impedance	$Z_N$	4	$\Omega$
Voice coil inductance	$L_e$	0.30	mH
Voice coil diameter		37	mm
Voice coil height		12	mm
Height of gap		6	mm
Linear excursion		$\pm 3$	mm
Max. mech. excursion		$\pm 12$	mm

Frequency response [1W/1m]



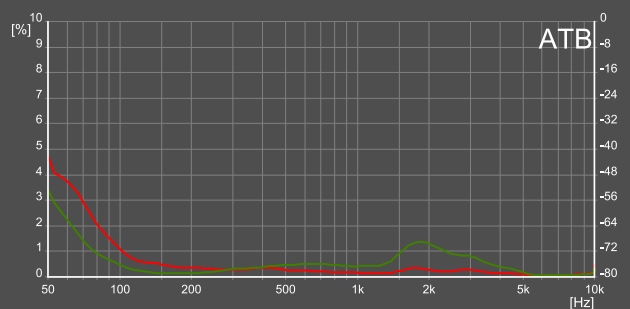
Resonance frequency	$f_s$	68	Hz
Mechanical Q factor	$Q_{ms}$	8.15	
Electical Q factor	$Q_{es}$	0.65	
Total Q factor	$Q_{ts}$	0.60	

Impedance



Moving mass	$M_{ms}$	14.9	g
Effective piston area	$S_d$	135	cm <sup>2</sup>
Mechanical Resistance	$R_{ms}$	0.78	kg/s
Compliance	$C_{ms}$	0.36	mm/N
Force factor	$Bl$	5.88	Tm
Equivalent volume	$V_{as}$	9.32	dm <sup>3</sup>
Efficiency	$\eta$	0.45	%
SPL 1W/1m		88.5	dB
SPL 2.83V/1m		92.1	dB

Harmonic Distortion [1W/1m]



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SPACE 3000 MW SPECIFICATIONS

Woofer	165	mm	Mounting Depth	66.5	mm
Impedance	4	$\Omega$	Outside Diameter	166	mm
Nominal Power	100	W	Mounting Diameter	142	mm
Peak Power	120	W			
Frequency Response	45 - 6k	Hz			
Sensitivity 1W/1m	90	db			

