



**DEGO**

*Definition of Sound*

Nova 3000 SW 300 P

HIGH-PERFORMANCE PAPER MEMBRANE

Instruction manual for 300 Subwoofer

Article-No. 970 0083 00

Designed, engineered & manufactured in Germany

## CONGRATULATIONS!

55 years of experience in speaker development transferred into your high-end subwoofer masterpiece DEGO Nova 3000 SW 300 P.

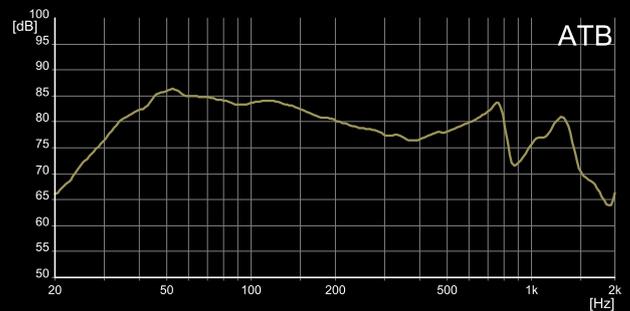
The completely newly designed 300 mm Subwoofer with coated semi-pressed paper cone that perfectly complements the powerful, double-vented magnet system, and delivering a deep, room-filling sound volume. Its outstanding sound quality makes DEGO Nova 3000 SW 300 one of the finest Subwoofer in German engineering.



### Nova 3000 SW 300 P SPECIFICATIONS

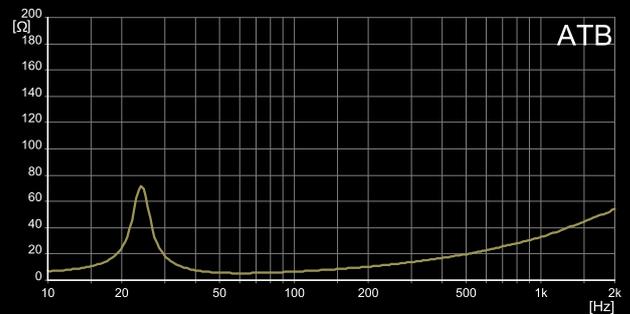
DC resistance	$R_e$	2 x 1.8	$\Omega$
Nominal impedance	$Z_N$	2 x 2	$\Omega$
Voice coil inductance	$L_e$	4.9	mH
Voice coil diameter		65	mm
Voice coil height		38.4	mm
Height of gap		8	mm
Linear excursion		$\pm 15.2$	mm
Max. mech. excursion		$\pm 25$	mm

Frequency response [1W/1m]



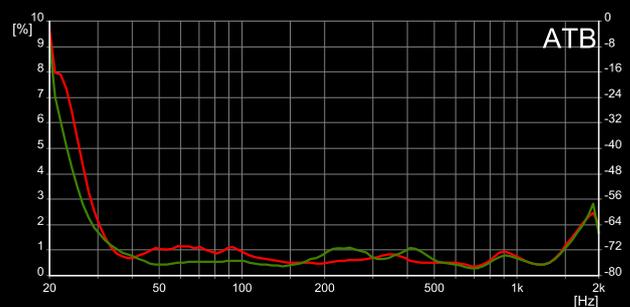
Resonance frequency	$f_s$	23.7	Hz
Mechanical Q factor	$Q_{ms}$	9.7	
Electical Q factor	$Q_{es}$	0.44	
Total Q factor	$Q_{ts}$	0.42	

Impedance



Moving mass	$M_{ms}$	208.2	g
Effective piston area	$S_d$	520	cm <sup>2</sup>
Mechanical Resistance	$R_{ms}$	3.20	kg/s
Compliance	$C_{ms}$	0.22	mm/N
Force factor	$Bl$	15.9	Tm
Equivalent volume	$V_{as}$	82.5	dm <sup>3</sup>
Efficiency	$\eta$	0.24	%
SPL 1W/1m		85.8	dB
SPL 2.83V/1m		89.2	dB

Harmonic Distortion [1W/1m]



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Nova 3000 SW 300 P SPECIFICATIONS

Subwoofer	300	mm	Mounting Depth	155	mm
Impedance	2 x 2	$\Omega$	Outside Diameter	326	mm
Nominal Power	2 x 250	W	Mounting Diameter	286	mm
Peak Power	2 x 400	W			
Sensitivity 1W/1m	85.8	dB			

