



**DEGO**

*Definition of Sound*

Nova 3000 SW 200 P

HIGH-PERFORMANCE PAPER MEMBRANE

Instruction manual for 200 Subwoofer

Article-No. 970 0079 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 200 P.

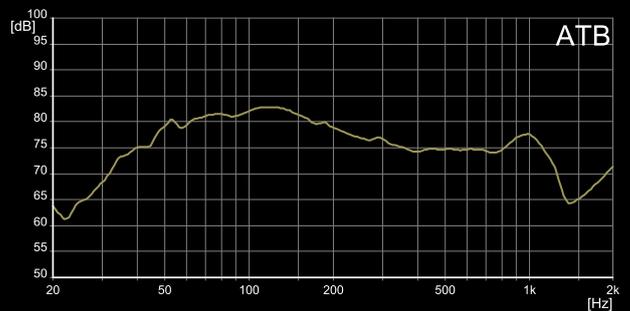
The completely newly designed 200 mm Subwoofer with coated semi-pressed paper cone that perfectly complements the powerful, double-vented magnet system, and delivering a deep, room-filling sound volume. Its outstanding sound quality makes DEGO Nova 3000 SW 200 P one of the finest Subwoofer in German engineering.



### Nova 3000 SW 200 P SPECIFICATIONS

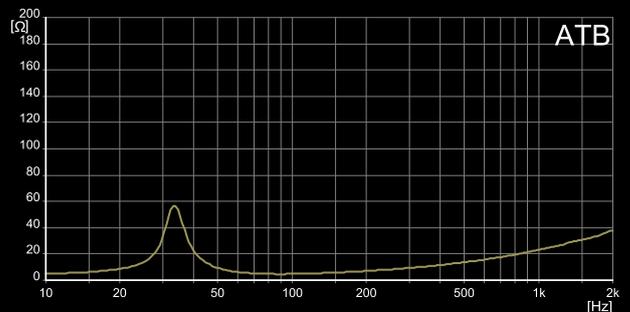
DC resistance	$R_e$	2 x 1.8	$\Omega$
Nominal impedance	$Z_N$	2 x 2	$\Omega$
Voice coil inductance	$L_e$	3.7	mH
Voice coil diameter		50	mm
Voice coil height		30.5	mm
Height of gap		8	mm
Linear excursion		$\pm 11.3$	mm
Max. mech. excursion		$\pm 16$	mm

Frequency response [1W/1m]



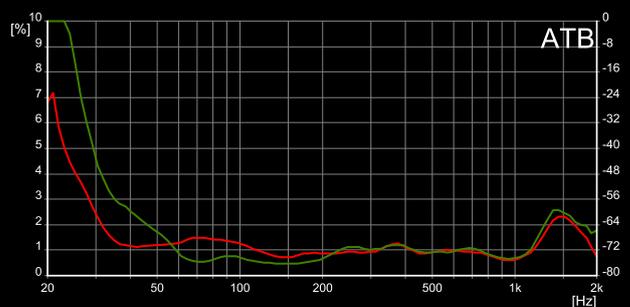
Resonance frequency	$f_s$	33.6	Hz
Mechanical Q factor	$Q_{ms}$	10.29	
Electical Q factor	$Q_{es}$	0.55	
Total Q factor	$Q_{ts}$	0.52	

Impedance



Moving mass	$M_{ms}$	97.3	g
Effective piston area	$S_d$	218	cm <sup>2</sup>
Mechanical Resistance	$R_{ms}$	2.30	kg/s
Compliance	$C_{ms}$	0.17	mm/N
Force factor	$Bl$	12.5	Tm
Equivalent volume	$V_{as}$	11.5	dm <sup>3</sup>
Efficiency	$\eta$	0.12	%
SPL 1W/1m		82.8	dB
SPL 2.83V/1m		86.2	dB

Harmonic Distortion [1W/1m]



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Subwoofer	200	mm	Mounting Depth	118	mm
Impedance	2 x 2	$\Omega$	Outside Diameter	222	mm
Nominal Power	2 x 150	W	Mounting Diameter	191	mm
Peak Power	2 x 300	W			
Sensitivity 1W/1m	82.8	dB			

