



DEGO

Definition of Sound

Nova 3000 SW 200 A

HIGH-PERFORMANCE ALUMINUM MEMBRANE

Instruction manual for 200 Subwoofer

Article-No. 970 0078 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 A.

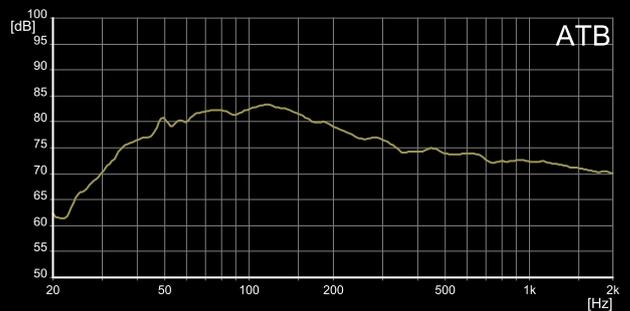
The completely newly designed 200 mm Subwoofer, featuring a rigid aluminum cone that perfectly complements the powerful, double-vented magnet system, delivering a deep, room-filling sound volume. Its outstanding sound quality makes DEGO Nova 3000 SW 200 A one of the finest Subwoofer in German engineering.



Nova 3000 SW 200 A SPECIFICATIONS

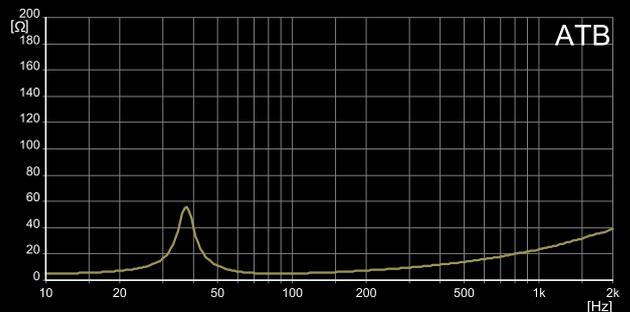
DC resistance	R_e	2 x 1.8	Ω
Nominal impedance	Z_N	2 x 2	Ω
Voice coil inductance	L_e	3.7	mH
Voice coil diameter		50	mm
Voice coil height		30.5	mm
Height of gap		8	mm
Linear excursion		± 11.3	mm
Max. mech. excursion		± 16	mm

Frequency response [1W/1m]



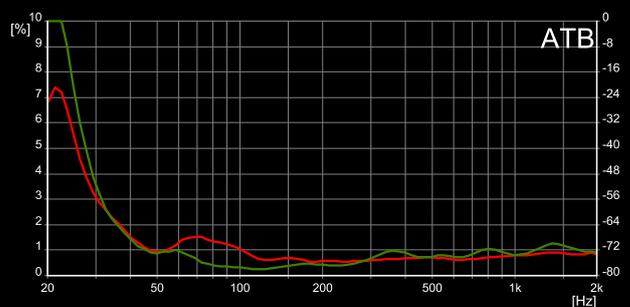
Resonance frequency	f_s	31.6	Hz
Mechanical Q factor	Q_{ms}	6.92	
Electical Q factor	Q_{es}	0.58	
Total Q factor	Q_{ts}	0.53	

Impedance



Moving mass	M_{ms}	97.4	g
Effective piston area	S_d	218	cm ²
Mechanical Resistance	R_{ms}	2.82	kg/s
Compliance	C_{ms}	0.26	mm/N
Force factor	Bl	11.8	Tm
Equivalent volume	V_{as}	17.5	dm ³
Efficiency	η	0.11	%
SPL 1W/1m		82.2	dB
SPL 2.83V/1m		85.7	dB

Harmonic Distortion [1W/1m]



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Subwoofer	200	mm	Mounting Depth	118	mm
Impedance	2 x 2	Ω	Outside Diameter	222	mm
Nominal Power	2 x 150	W	Mounting Diameter	191	mm
Peak Power	2 x 300	W			
Sensitivity 1W/1m	82.2	dB			

