

PRO MP 300 D2.3

COMP SUBWOOFER
1200 W



TECHNICAL SPECIFICATIONS

Component		Subwoofer
Woofer size	mm (in.)	300 (12)
Voice Coil Ø		65 (2,5)
Power Handling	W peak	1200
	W continuous	600
Impedance	Ω	2+2
Centre to centre distance	mm (in.)	302 (11.89)
Magnet size D x d x h	mm	165 x 75 x 35
	(in.)	(6.5 x 2.95 x 1.38)
Total driver displacement	l (cu.in.)	1,75 (0.03)
Hole diameter	mm (in.)	5,5 (0.22)
Weight of one speaker	kg (lb)	8,2 (18,08)
Magnet		High density flux ferrite
Cone		Pressed-pulp cone with mineral powders
*Xmech	mm (in.)	±27 (1.06)

*Xmech: maximum mechanical excursion it indicates the motion range in the speaker linear functioning area, in both ways.

ELECTRO-ACOUSTIC PARAMETERS

D	mm	260
Xmax	mm	17,00
Re	Ω	1,2
Fs	Hz	26,00
Le	mH	1,3
Vas	l	67,4
Mms	g	220,00
Cms	mm/N	0,17
BL	T·m	10,6
Qts		0,52
Qes		0,56
Qms		6,5
Spl	dB	85,5

*The Thiele and Small parameters are measured with coils in parallel. For series coils specification multiply Re and Le by 4 and BL by 2, all other specifications remain the same. The Thiele and Small parameters are measured after the speaker has been conditioned by a specific signal and represent the expected long term parameters after a short period of use.



1. Ergonomic, compact design, specifically developed for sealed box enclosures starting at 27 lt volume.
2. CCAW, 65 mm (2,5") 4-layer voice coil, capable of handling 1200 W musical power. The 2 Ω + 2 Ω DVC impedance configuration improves versatility to match any amplifier system.
3. Voice coil wound on TIL-P material with venting holes behind the winding. This combines efficient heat dissipation with a high Qms factor (low mechanical loss) for bursting dynamic sound.
4. Exponential V-cone® with optimized geometry for high cone stiffness and strong resistance to deformation even at maximum excursions.
5. Boundary Free IIR rubber surround, for higher SPL performance while keeping a nominal external diameter.
6. Mineral-injected paper cone, for superior rigidity and damping.
7. Extremely acoustically transparent anti-resonant aluminium alloy basket with six-spokes standing structure and built-in venting holes underneath the spider.
8. CNC machined elegant diamond-cut basket edge featuring the Hertz logo.
9. Terminal block accepting cables up to 8 AWG to provide ultra-low wiring resistance in low impedance configurations. A plastic cover prevents any accidental short-circuit.
10. Possibility to secure the subwoofer to the box wall, taking full advantage of its minimal dimensions.
11. High performance compact motor with a superior magnetic field transferred to the coil.

