



LEGEND

ML 2500.3

SUBWOOFER

1400 W



MLG 2500.3
optional grille

TECHNICAL SPECIFICATIONS

Component	Subwoofer	
Subwoofer size	mm (in.)	250 (10)
Voice Coil Ø	mm (in.)	100 (4)
Power Handling	W peak	1400
	Continuous	700
Impedance	Ω	4
Frequency Response	Hz	27 ÷ 500
Magnet size	mm	95 x 28 x 6
	(in.)	(3.7 x 1.1 x 0.24)
Centre to centre distance	mm (in.)	251 (9.88)
Hole diameter/	mm (in.)	6,4 (0.25)
Eyelet dimensions	mm (in.)	-
Weight of one speaker	kg (lb)	7,5 (16.53)
Magnet	Neodymium	
Dome/Cone	Pressed-pulp cone with mineral powders	
*Xmech	mm (in.)	±27 (1.06)

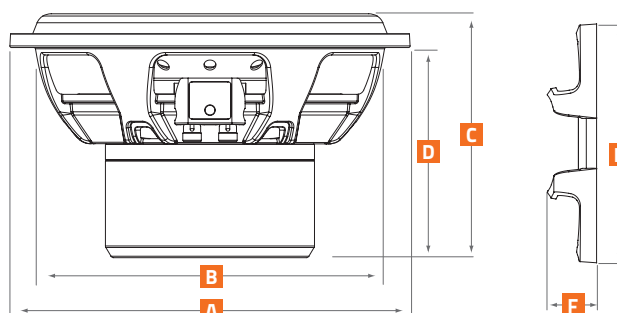
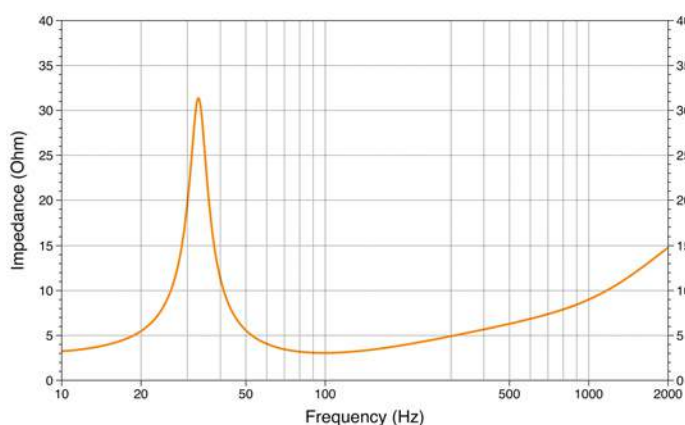
*X-mech: maximum mechanical excursion it indicates the motion range in the speaker linear functioning area, in both ways.

ELECTRO-ACOUSTIC PARAMETERS

D	mm	212,5
Xmax	mm	±17
Re	Ω	2,75
Fs	Hz	33
Le	mH	1,05
Vas	l	23,5
Mms	g	175
Cms	mm/N	0,125
BL	T·m	12,6
Qts		0,63
Qes		0,65
Qms		7,5
Spl	dB	88

A	268 mm	10.55 in.
B	234 mm	9.21 in.
C	159 mm	6.26 in.
D	137 mm	5.4 in.
E	274 mm	10.78 in.
F	50 mm	1.97 in.

1. Extraordinary large neodymium magnet, optimized with FEA simulations, to ensure magnetic field stability even under high excursion.
2. Very low carbon content CNC machined plates, for maximum magnetic permeability and low distortion at high power levels.
3. Voice coil internal magnet with high size / performance ratio, for maximum efficiency.
4. CCAW, 100 mm (4") voice coil, capable of handling 1400 W musical power, keeping the working temperature very low, reducing dynamic compression to the minimum.
5. Voice coil wound with In/Out method, for even cooling of the different coil layers.
6. Voice coil wound on TIL former: this material made from fibreglass combines the heat dissipation properties of aluminium with the stiffness of Polyamide composites, for a no-compromise acoustic performance.
7. Central pole featuring "Aluminium Shorting Ring", for minimum distortion and maximum extension at low frequency.
8. Boundary Free" IIR rubber surround, for higher SPL performance with same external diameter.
9. Exponential V-cone* with optimized geometry for high cone stiffness and strong resistance to deformation even at maximum excursions.
10. Mineral-injected paper cone, for superior rigidity and damping.
11. Very acoustically transparent anti-resonant aluminium alloy basket featuring six-spoke self-standing structure and built-in venting holes underneath the spider.
12. CNC machined elegant diamond-cut basket edge featuring the Hertz logo.
13. Ergonomic, ultra-compact design, with array of electro-acoustic parameters optimized for sealed box application with 17 - 25 lt volume.



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