



## LEGEND ML 1800.3 COMP WOOFER 400 W



### TECHNICAL SPECIFICATIONS

Component	Woofer	
Woofer size	mm (in.)	180 (7)
Voice Coil Ø	mm (in.)	50 (2)
Power Handling	W peak	400
	Continuous	200
Impedance	Ω	4
Frequency Response	Hz	38 ÷ 6k
Magnet size D x d x h	mm	90 x 60,7 x 5
	(in.)	(3.54 x 2.39 x 0.2)
Centre to centre distance	mm (in.)	173 (6.81)
Hole diameter/ Eyelet dimensions	mm (in.)	5 (0.2)
	mm (in.)	-
Weight of one speaker	kg (lb)	1,71 (3.77)
Magnet	Neodymium	
Dome/Cone	Pressed-pulp cone with cotton fibres	
*Xmech	mm (in.)	±10 (0.4)

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

### ELECTRO-ACOUSTIC PARAMETERS

D	mm	149
Xmax	mm	±4
Re	Ω	3,2
Fs	Hz	60
Le	mH	0,35
Vas	l	12,2
Mms	g	27,5
Cms	mm/N	0,3
BL	T·m	7,8
Qts		0,5
Qes		0,53
Qms		7,22
Spl	dB	93

A	184 mm	7.24 in.
B	160 mm	6.3 in.
C	88 mm	3.46 in.
D	76 mm	3 in.
E	189,2 mm	7.45 in.
F	27 mm	1.06 in.

1. Neodymium magnet optimized with FEA simulations for real dynamics and utmost control.
2. Very low carbon content CNC machined plates, for maximum magnetic permeability and low distortion at high power levels.
3. Aluminium covered pole for a linear impedance modulation and low distortion.
4. 50 mm CCAW double layer voice coil wound on a Polyamide former for exceptional power handling and compression-free reproduction even in the most demanding musical passages.
5. Exponential V-cone® with optimized geometry for utmost linearity and dispersion.
6. "Boundary Free" IIR rubber surround, for better efficiency and wider mid-bass frequency.
7. Pressed-pulp cone with cotton fibres, combining stiffness and lightweight, to achieve wide frequency response and limited break-ups at high frequency.
8. Three-spoke, very acoustically transparent anti-resonant aluminium alloy basket featuring built-in venting holes.
9. CNC machined elegant diamond-cut basket edge featuring the Hertz logo.
10. Die-cast aluminium factory provided grille featuring diamond-cut aluminium Hertz logo.

