LEGEND

ML 1650.3

COMP WOOFER

250 W

TECHNICAL SPECIFICATIONS

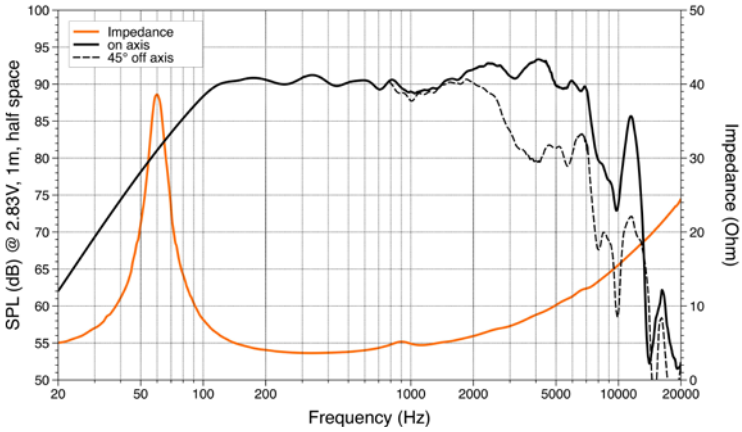
Component		Woofer
Woofer size	mm (in.)	165 (6.5)
Voice Coil Ø	mm (in.)	36 (1.4)
Power Handling	W peak	250
	Continuous	125
Impedance	Ω	4
Frequency Response	Hz	40 ÷ 6.5k
Magnet size D x d x h	mm (in.)	80 x 45 x 5 (3.15 x 1.77 x 0.2)
Centre to centre distance	mm (in.)	156 (6.14)
Hole diameter/ Eyelet dimensions	mm (in.) mm (in.)	5 (0.2) -
Weight of one speaker	kg (lb)	1,29 (2.84)
Magnet		Neodymium
Dome/Cone	Pressed-pulp cone with cotton fibres	
***Xmech**	mm (in.)	±9 (0.35)

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

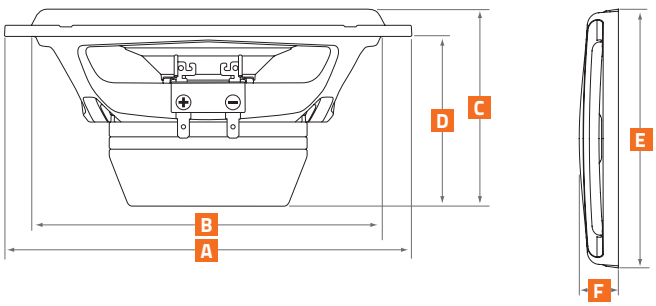
1. Neodymium magnet optimized with FEA simulations for real dynamics and utmost control.
2. Very low carbon content CNC machined plates, for maximum magnetic permeability and low distortion at high power levels.
3. Aluminium covered pole for a linear impedance modulation and low distortion.
4. 36 mm CCAW double layer voice coil wound on a Polyamide former for exceptional power handling and compression-free re production even in the most demanding musical passages.
5. Exponential V-cone® with optimized geometry for utmost linearity and dispersion at mid frequency range.
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.

ELECTRO-ACOUSTIC PARAMETERS

D	mm	132
Xmax	mm	±5
Re	Ω	3,3
Fs	Hz	65
Le	mH	0,24
Vas	l	8,3
Mms	g	17,5
Cms	mm/N	0,3
BL	T▪m	7
Qts		0,47
Qes		0,52
Qms		5,3
Spl	dB	93



A	165 mm	6.5 in.
B	141 mm	5.55 in.
C	80 mm	3.15 in.
D	69 mm	2.71 in.
E	170 mm	6.7 in.
F	26 mm	1.02 in.



All Specifications Subject to Change Without Notice_16.A