



LEGEND ML 700.3 COMP MIDRANGE 100 W



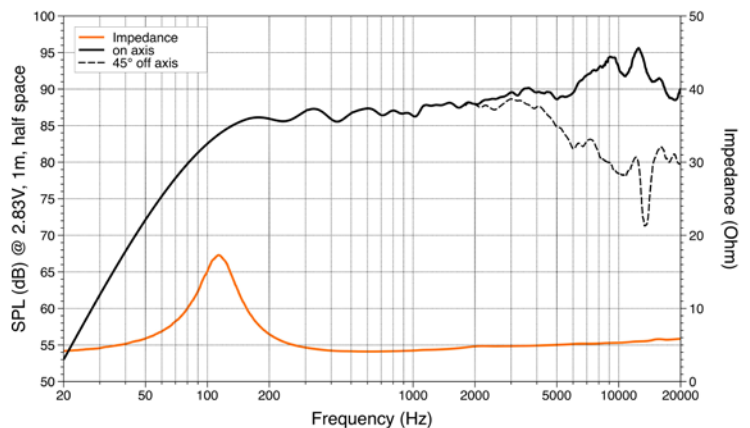
TECHNICAL SPECIFICATIONS

Component	Midrange	
Midrange size	mm (in.)	70 (3)
Voice Coil Ø	mm (in.)	20 (0.8)
Power Handling	W peak (Hi-Pass filtered @ 250Hz - 12dB Oct.)	100
Impedance	Ω	4
Frequency Response	Hz	200 ÷ 20k
Magnet size	mm	45 x 25 x 3,5
D x d x h	(in.)	(1.77 x 0.98 x 0.13)
Centre to centre distance	mm (in.)	80 (3.15)
Hole diameter/ Eyelet dimensions	mm (in.) mm (in.)	3,7 (0.14) -
Weight of one speaker	kg (lb)	0,21 (0.46)
Magnet	Neodymium	
Dome/Cone	Pressed-pulp cone with cotton fibres	

1. Neodymium magnet optimized with FEA simulations, for superior dynamics and control.
2. Very low carbon content CNC machined plates, for maximum magnetic permeability and low distortion at high power levels.
3. Extremely pure copper covered central pole and one-layer mobile coil, for a wider extension in the high frequency range.
4. Exponential V-cone® with optimized geometry for utmost linearity and dispersion.
5. CONEX spider with optimized profile, for maximum transparent acoustics at mid-high frequency.
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. Junction point between cone and former with geometry optimized with FEA methods, allowing a more integral coupling, thus ensuring wider extension at high frequency.
9. Three-spoke, very acoustically transparent anti-resonant aluminium alloy basket featuring built-in venting holes.
10. CNC machined elegant diamond-cut basket edge featuring the Hertz logo.
11. Die-cast aluminium factory provided grille featuring diamond-cut aluminium Hertz logo.

ELECTRO-ACOUSTIC PARAMETERS

D	mm	65
Xmax	mm	±1,1
Re	Ω	3,8
Fs	Hz	110
Le	mH	0,05
Vas	l	1,1
Mms	g	2,7
Cms	mm/N	0,7
BL	T·m	3,3
Qts		0,57
Qes		0,67
Qms		4
Spl	dB	90



A	87,8 mm	3.45 in.
B	74 mm	2.91 in.
C	47 mm	1.85 in.
D	41,3 mm	1.62 in.
E	93 mm	3.66 in.
F	17 mm	0.67 in.

