Technology and Art of Sound
Manufactured by elettromedia Italy

HERTZ

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SYSTEM Mille

MLK 3 PA 300 W

Technical Specifications

Component		3 way system
Size mm (inch)	ML 1600 Woofer ML 700 Midrange ML 280 Tweeter MLCX 2 TM Crossover	165 (6" 1/2) 70 (2" 3/4) 28 (1" 1/8) 150 x 283 x 43,5 (5" 7/8 x 11" 1/8 x 1" 11/16)
Power Handling	W Peak W continuous	300 150
Impedance	Ω	4
Frequency Response	Hz	40 ÷ 25k
Sensitivity	dB/SPL	93
Crossover included	LO/HI PASS	4 kHz @ 18/18 dB Oct.
Comp. adjustment	Tweeter	+2; 0; -2
Outer Ø mm (inch)	Woofer Midrange Tweeter	167 (6" 9/16) 88 (3" 7/16) 54 (2" 1/8)
Mounting Ø mm (inch)	Woofer Midrange Tweeter	144 (5" 11/16) 73 (2" 7/8) 48 (1" 7/8)
Total depth mm (inch)	Woofer Midrange Tweeter	85 (3" 3/8) 44 (1" 3/4) 27 (1" 1/16)
Mount. depth mm (inch)	Woofer Midrange Tweeter	75 (2" 15/16) 38 (1" 1/2) 12,5 (1/2")
Weight of one component kg (lb)	Woofer Midrange Tweeter Crossover	1,24 (2,73) 0,27 (0,60) 0,11 (0,24) 0,89 (1,96)
Voice Coil Ø mm (inch)	Woofer Midrange Tweeter	36 (1" 7/16) 20 (13/16") 28 (1" 1/8)

Electro-Acoustic Parameters

D	mm	130
Xmax	mm	4,5
Re	Ω	3
Fs	Hz	71
Le	mH @ 1 kHz	0,14
Le	mH @ 10 kHz	0,06
Vas	l	6,8
Mms	g	18,45
Cms	mm/N	0,27
BL	Tm	6,02
Qts		0,63
Qes		0,69
Qms		8,20
Spl	dB	93

ML 280

1. Tetolon® Fiber dome features a hemispheric-hyperbolic profile, for maximum rigidity and linear frequency response.
2. The magnetic motor assemble is optimised through the use of FEM instruments. The use of a double REN® Neodymium magnet generates extraordinary energy, for extremely high performance.
3. The pure copper shorting ring creates an anti-inductive effect, ensuring linear impedance. The CCAW voice coil is wound on an aluminium former, making this mobile group especially light, yet rigid.
4. Decompression and venting ducts provide thermal dissipation, prevent compression from forming under the dome, optimise the damping factor and control resonance.
5. The main structure and the rear acoustic chamber are CNC machined from a solid aluminium block, creating an absolutely inert chassis.

ML 700 / ML 1600

1. The pressed-pulp cone is enriched with cotton fibres combined with water-repellent impregnants. With the absence of the traditional dustcap, the exponential profile generates an outstanding dispersion pattern.
2. The central pole piece is covered with a pure copper sleeve. This combined with its 20 mm (ML 700) and 36 mm (ML 1600) CCAW double layer voice coil wound on a Kapton® former provides a linear impedance.
3. The motor assembly is centred upon a uniquely sized REN® Neodymium ring.
4. Anti-resonant aluminium alloy basket; the unique low incidence spokes offer minimum resistance to rear wave emissions.
5. Nomex® spider with integrated lead wires.
6. The butyl rubber cover protects the magnet and contributes to the reduction of unwanted resonances and residual vibrations.

MLCX 2 TM

1. The highest quality components are mounted to a FR 2 PCB with very thick traces required for high power handling.
2. The Rubber Touch crossover case features a passive cooling system and hidden mounts for practical and impressive installations.
3. Three position level control, in 2 dB steps, for tweeter attenuation. This provides the ability to adjust the emission level to one's own tastes.

All Specifications Subject to Change Without Notice
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