PRO MPK 130.3

TWO WAY SYSTEM

200 W

TECHNICAL SPECIFICATION

Component		2-way system
Size		
Woofer	mm (in.)	130 (5)
Tweeter diaphragm	mm (in.)	29 (1.14)
Voice Coil Ø		
Woofer	mm (in.)	25 (1)
Tweeter	mm (in.)	25 (1)
Power Handling	W peak	200
	W continuos	100
Sensitivity	dB SPL	91
Impedance	Ω	4
Frequency Response	Hz	60 ÷ 22,5k
Crossover	Midrange	Low pass 3,5 kHz @ -6 dB Oct.
	Tweeter	Hi pass 3,5k Hz @ -12 dB Oct.
Adjustment	Tweeter Level	0 / +2 dB
Weight of one component		
Woofer	kg (lb)	0.95 (2.09)
Tweeter	kg (lb)	0.07 (0.15)
Crossover	kg (lb)	0.16 (0.35)

ELECTRO-ACOUSTIC PARAMETERS		MP 25.3	MP 130.3
D	mm	29	110
Xmax	mm	-	±2,75
Re	Ω	3,9	3,1
Fs	Hz	1200	90
Le	mH	0,02	0,25
Vas	l	-	3
Mms	g	0,17	10,5
Cms	mm/N	0,1	0,24
BL	T▪m	1,6	5,3
Qts		0,55	0,64
Qes		1,98	0,74
Qms		0,57	5,1
Spl	dB	91	92

MP 25.3:

1. Tetolon fiber soft dome, for a natural yet detailed reproduction of musical nuances.
2. "Center Tuning Duct" geometry, for lower resonance frequency and reduced harmonic distortion.
3. High density flux Neodymium magnet, optimized for utmost control during high energy dynamic transients in the mid-high frequency range.
4. 25mm ferrofluid-cooled mobile voice coil.
5. Rear chamber filled with selected damping material and sized for lower Fs, to ensure a well damped high pass frequency roll-off, allowing low cut-off frequency crossover point.
6. Faceplate featuring FEM (Finite Element Modeling) optimized geometry, for high linearity in off-axis installations.
7. Wide array of installation accessories, for an easy OEM integration.

MP 130.3:

1. Pure copper voice coil wound on a Polyamide former combining excellent power handling combined with fast musical transients response.
2. Exponential V-cone® profile pressed-pulp cone with cotton fibers, combining stiffness and lightweight for a wide frequency response. Cone profile geometrically optimized for utmost linearity and dispersion in the mid frequency range.
3. "Boundary Free" rubber surround, for improved efficiency and wider mid-bass frequency.
4. High density flux ferrite magnet combined with very low carbon content iron plates, for low distortion at high power levels.
5. Low mounting depth, acoustically transparent aluminium alloy basket with spider vent holes.
6. Full protection metal mesh grill featuring the aluminium Hertz logo and attractive look mineral powder coated inner grill are included for several install combinations.

MPCX 2.3:

1. Two-position (0 / +2 dB) switch for tweeter level adjustments, to fine-tune the transducers emission.
2. 160V extremely high quality bi-metallized polyester film capacitors with ultra-low DF, for maximum sound transparency and neat mid/hi-frequencies.
3. 1mm pure copper wire low series resistance inductors, for low dissipation losses on the woofer section where high transient currents are demanded.
4. Small footprint design for easy installation, with top vent grille for efficient heat dissipation.