

PRO MPX 690.3

COAX
260 W



TECHNICAL SPECIFICATION

Component	Three way coaxial	
Size		
Woofer	(in.)	6 x 9
Tweeter diaphragm	mm (in.)	35 (1.4)
Supertweeter diaphragm	mm (in.)	29 (1.14)
Voice Coil Ø		
Woofer	mm (in.)	38 (1.5)
Tweeter	mm (in.)	28 (1.1)
Supertweeter	mm (in.)	20 (0.8)
Power Handling	W peak	260
	W continuous	130
Impedance	Ω	4
Frequency Response	Hz	30 ÷ 24k
Crossover	Integrated	4 k/10k Hz @ 6 dB Oct.
Woofer Magnet size D x d x h	mm (in.)	107 x 45 x 20 (4.21 x 1.77 x 0.79)
Weight of one speaker	kg (lb.)	2.28 (5.03)
Woofer Magnet	High density flux ferrite	
Tweeter Magnet	Neodymium	
Cone	Pressed-pulp cone with cotton fibers	
Dome	Tetolon	
Xmech	mm (in.)	±8 (0.31)

ELECTRO-ACOUSTIC PARAMETERS

D	mm	169
Xmax	mm	±4
Re	Ω	3
Fs	Hz	50
Le	mH	0,07
Vas	l	24
Mms	g	30
Cms	mm/N	0,34
BL	T·m	7,2
Qts		0,43
Qes		0,55
Qms		2
Spl	dB	94



A	241 mm	9.49 in.
B	223 mm	8.74 in.
C	108 mm	4.25 in.
D	90 mm	3.54 in.
E	267 mm	10.53 in.
F	38,5 mm	1.52 in.



- 38 mm pure copper woofer voice coil wound on a Polyamide former for exceptional power handling and dynamic compression-free reproduction.
- Pressed-pulp cone with cotton fibers material, combining stiffness and lightweight for a wide frequency response.
- Large rubber surround designed for long throw and optimal sound damping.
- Over-sized ferrite magnet combined with very low carbon content iron plates, for low distortion at high power levels.
- Aerodynamic thus acoustically transparent aluminium alloy basket, eliminates rear wave reflections.
- Anti-vibration rubber magnet cover, damps spurious vibrations.
- 28mm voice coil Neodymium Tetolon fiber dome tweeter, for undistorted mid-frequency reproduction.
- 20mm voice coil Neodymium Tetolon fiber dome super tweeter, to naturally compensate for drop-off in frequency response due to speaker horizontal installation.
- Tweeter faceplate with geometry optimized with FEM (Finite Element Modeling) simulations, to provide excellent off-axis frequency response up to 24kHz by perfectly mixing the two tweeters' emission.
- Full protection metal mesh grill featuring the aluminium Hertz logo and attractive look mineral powder coated inner grill are included for several install combinations.

