

PRO CPX 690

COAX
360 W



TECHNICAL SPECIFICATIONS

Component	Three way coaxial	
Size		
Woofers	(in.)	6 x 9
Tweeter diaphragm	mm (in.)	32 (1.26)
Supertweeter diaphragm	mm (in.)	24 (0.9)
Voice Coil Ø		
Woofers	mm (in.)	30 (1.2)
Tweeter	mm (in.)	28 (1.1)
Supertweeter	mm (in.)	20 (0.8)
Power Handling	W peak	360
	W continuous	120
Impedance	Ω	4
Frequency Response	Hz	35 ÷ 24k
Crossover	Integrated	4 k/10k Hz @ 6 dB Oct.
Woofers Magnet size D x d x h	mm (in.)	90 x 40 x 20 (3.54 x 1.57 x 0.79)
Tweeter Magnet size D x h	mm (in.)	27,8 x 3 (1.09 x 0.12)
Weight of one speaker	kg (lb.)	1,63 (3.59)
Woofers Magnet	Ferrite	
Tweeter Magnet	Neodymium	
Cone	Water repellent pressed paper	
Dome	Tetolon	
Xmech	mm (in.)	7,5 (0.3)

ELECTRO-ACOUSTIC PARAMETERS

D	mm	172
Xmax	mm	5
Re	Ω	3,4
Fs	Hz	68
Le	mH	0,53
Vas	l	15,8
Mms	g	26,5
Cms	mm/N	0,21
BL	T • m	6,0
Qts		0,77
Qes		1,10
Qms		2,7
Spl	dB	94

A	237,5 mm	9.35 in.
B	225 mm	8.86 in.
C	103 mm	4.06 in.
D	85 mm	3.35 in.
E	268 mm	10.55 in.
F	28,5 mm	1.12 in.

1. Pressed-paper cone with FEM-optimized geometry, it combines rigidity and lightness for a color-free sound.
2. Wide rubber suspension engineered for a long excursion and excellent sound damping.
3. High-density flux ferrite magnet combined with low-carbon polar plates for reduced distortion at high power levels.
4. Basket with metallic finish acoustically combined with a rubber magnet cover for total damping of spurious vibrations.
5. Tetolon® fiber 32 mm (1.26 in.) dome tweeter and 28 mm (1.1 in.) voice coil, for a distortion-free reproduction of mid-high frequencies.
6. Tetolon® fiber Neodymium Supertweeter featuring a 20 mm (0.8 in.) voice coil to compensate for the natural fall of high frequency response in horizontal installations.
7. Tweeter faceplate geometry optimized with FEM simulations (Finite Element Modeling), to provide an extremely linear frequency response in off-axis installations.
8. Provided elegant grille made with high-resistance ABS plastic structure with a metallic finish combined with a protective metal mesh.

