

PRO CPX 690

COAX
360 W



TECHNICAL SPECIFICATIONS

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

From R&D to final product
KLIPPEL
since 2005

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.

Technology • Art • Sound
Manufactured by
elettromedia

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.

