

CX 690

COAX

300 W



TECHNICAL SPECIFICATIONS

Component		Three way coaxial
Size		
Woofers	(in.)	6 x 9
Tweeter diaphragm	mm (in.)	40 (1.58)
Supertweeter diaphragm	mm (in.)	20 (0.8)
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	300
	W continuous	100
Impedance	Ω	4
Frequency Response	Hz	40 ÷ 23k
Woofers Magnet size	mm	100 x 32 x 15
D x d x h	(in.)	(3.94 x 1.26 x 0.59)
Tweeter Magnet size	mm	19 x 3
D x h	(in.)	(0.75 x 0.12)
Weight of one speaker	kg (lb.)	1,55 (3.42)
Woofers Magnet	High density flux ferrite	
Tweeter Magnet	Neodymium	
Cone	Semi-pressed paper + Mica	
Dome	PEI	
Xmech	mm (in.)	5,5 (0.22)

ELECTRO-ACOUSTIC PARAMETERS

D	mm	139
Xmax	mm	3,5
Re	Ω	3,3
Fs	Hz	70
Le	mH	0,2
Vas	l	11,1
Mms	g	13
Cms	mm / N	0,34
BL	T·m	4,9
Qts		0,67
Qes		0,83
Qms		3,3
Spl	dB	93,5



A	238 mm	9.37 in.
B	224 mm	8.82 in.
C	95 mm	3.74 in.
D	78,5 mm	3.09 in.
E	268 mm	10.55 in.
F	29 mm	1.14 in.



1. 6x9 in. semi-pressed paper elliptical cone SPP-M (Semi Pressed Paper-Mica) enhanced with Mica powder for an excellent balance between lightness and damping.
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. 40 mm (1.58 in.) dome tweeter for efficient distortion-free mid-high frequency reproduction.
6. 20 mm (0.8 in.) dome supertweeter to maximize the level of very high frequencies 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.

