

CX 690

COAX

300 W



TECHNICAL SPECIFICATIONS

Component	Three way coaxial	
Size		
Woofer	(in.)	6 x 9
Tweeter diaphragm	mm (in.)	40 (1.58)
Supertweeter diaphragm	mm (in.)	20 (0.8)
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	300
	W continuous	100
Impedance	Ω	4
Frequency Response	Hz	40 ÷ 23k
Woofer Magnet size D x d x h	mm (in.)	100 x 32 x 15 (3.94 x 1.26 x 0.59)
Tweeter Magnet size D x h	mm (in.)	19 x 3 (0.75 x 0.12)
Weight of one speaker	kg (lb.)	1,55 (3.42)
Woofer 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.



- 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.
- Wide rubber suspension engineered for a long excursion and excellent sound damping.
- High-density flux ferrite magnet combined with low-carbon polar plates for reduced distortion at high power levels.
- Basket with metallic finish acoustically combined with a rubber magnet cover for total damping of spurious vibrations.
- 40 mm (1.58 in.) dome tweeter for efficient distortion-free mid-high frequency reproduction.
- 20 mm (0.8 in.) dome supertweeter to maximize the level of very high frequencies in horizontal installations.
- Tweeter faceplate geometry optimized with FEM simulations (Finite Element Modeling), to provide an extremely linear frequency response in off-axis installations.
- Provided elegant grille made with high-resistance ABS plastic structure with a metallic finish combined with a protective metal mesh.

