

COAX

ECX 690.5 300 W



Technical Specifications

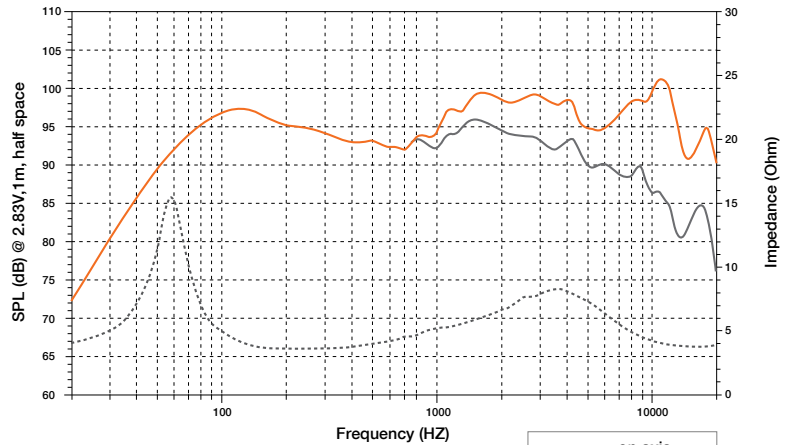
Component	-	Three way coaxial
Woofer size	mm (in.)	(6 x 9)
Tweeter diaphragm	mm (in.)	40 (1.58)
Supertweeter diaphragm	mm (in.)	15 (0.6)
Power handling	W peak	300
	W continuous	100
Impedance	Ω	4
Frequency response	Hz	40 ÷ 23k
Sensitivity	dB SPL	95
Woofer Magnet size D-d-h	mm (in.)	100 x 45 x 17 (4 x 1.8 x 0.7)
Woofer Voice coil \varnothing	mm (in.)	25 (1.0)
Tweeter Voice coil \varnothing	mm (in.)	20 (0.78)
Woofer magnet	-	High density flux ferrite
Tweeter magnet	-	Neodymium
Woofer cone	-	Water-repellent pressed paper
Tweeter dome	-	PEI
Supertweeter dome	-	PEI
Weight of one component	kg (lb.)	1,55 (3.42)

1. Water-repellent treated paper cone, butyl rubber surround.
2. Pure copper voice coil wound on aluminium former, for very good thermal and mechanical capacity.
3. Large motor assembly for excellent mobile voice coil control.
4. Low carbon content plates for maximum magnetic permeability and high heat dissipation.
5. Rubber magnet cover provides damping to the basket and motor structure and protects from abrasions and damages.
6. DIN size basket coated with scratch-proof, corrosive-resistant material.
7. Tin-plated, high current terminals.
8. Silver-plated lead wires, for maximum reliability and conductivity.
9. Epoxy glue for basket and motor system provides perfect coupling.
10. Curve memory Nomex spider for consistent, reliable performance.
11. Dome-cone tweeter with high energy neodymium magnet combined with a PEI supertweeter. The best possible efficiency and high frequency extension.

*Grille included

Electro-Acoustic Parameters

D	mm	171
Xmax	mm	3,5
Re	Ω	3,3
Fs	Hz	59
Le	mH	-
Vas	l	29
Mms	g	18,8
Cms	mm/N	0,38
BL	T-m	5
Qts	-	0,73
Qes	-	0,91
Qms	-	3,7
Spl	dB	95



A1	238 mm	9.35 in.	E1	263 mm	10.35 in.
A2	162 mm	6.35 in.	E2	190 mm	7.5 in.
B1	224 mm	8.8 in.	F	26 mm	1 in.
B2	151 mm	5.95 in.			
C	96 mm	3.8 in.			
D	79 mm	3.1 in.			

