



CX 611 • CX 611E | Flush Mount 2-Way Coaxial Ceiling Loudspeaker



The CX 611 and CX 611E 2-Way Coaxial Wide Dispersion Ceiling Loudspeakers are meticulously crafted for both typical and high-ceiling applications within public address systems, where a broad coverage angle is essential. These units feature a 160 mm 2-way coaxial loudspeaker driver, boasting the capability to deliver an impressive 102 dB of Sound Pressure Level (SPL) and ensuring exceptional speech clarity and high-quality music reproduction.

Equipped with a built-in line matching transformer, these loudspeakers seamlessly integrate into 70 V and 100 V distributed speaker systems. The transformer's multiple power tapings offer versatile output options, providing 10, 6, and 3 W for 100 V line systems or 5, 3, and 1.5 W for 70 V line systems.

The loudspeaker driver unit is elegantly mounted on a 230 mm circular ABS grille, featuring a matte White finish and adorned with a fine metal mesh. The aesthetic appeal is complemented by a clamp mounting system, ensuring a clean and visually pleasing installation on the ceiling board without the presence of visible screw mounting holes. The CX 611 and CX 611E exemplify both functionality and design excellence in delivering superior audio performance in diverse public address environments.

- The CX 611E features a metal back enclosure to eliminate crosstalk and acoustic damping material to reduce echoing.
- It incorporates a 230 mm circular pure white ABS grille housing a 160 mm two-way coaxial loudspeaker driver unit for high efficiency and music quality output.
- The clamp-mounted installation eliminates visible mounting screws, ensuring a clean appearance.
- It comes with a ready-fitted line matching transformer with multiple impedance tapings, suitable for 70 V and 100 V distributed speaker systems.
- The wide dispersion design criteria make the speaker suitable for a broader coverage area.



CX 611

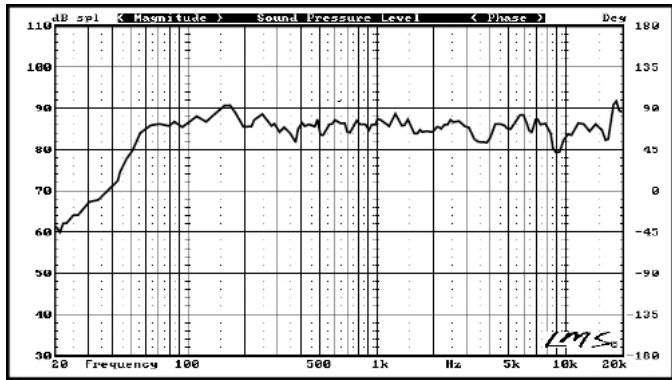


CX 611E

Technical Specification

	CX 611	CX 611E
Rated Input	100V: 10W (10-5-2.5W) 70V: 5W (5-3-1.5W)	100V: 10W (10-6-3W) 70V: 5W (5-3-1.5W)
Rated Impedance	1kΩ (1-1.667 -3.33 kΩ)	1kΩ (1-1.667 -3.33 kΩ)
Maximum Power	15 W	15 W
Frequency Response	50Hz - 20KHz	50Hz - 20KHz
Sensitivity 1W @ 1m	92 / 102 dB	92 / 102 dB
Coverage Angle (1kHz, -6dB)	130 °	130 °
Speaker Component	160 mm 2-Way Coaxial Loudspeaker	160 mm 2-Way Coaxial Loudspeaker
Safety	Acc. to EN 60065	Acc. to EN 60065
Material & Finish	Frame: ABS, white Grille: Treated Steel Mesh, white	Frame: ABS Grille: Treated Steel Mesh, white Enclosure:ABS, white
Dimensions	Dia. 230 x 75 mm	Dia. 260 x 178 mm
Weight	1 kg	2 kg

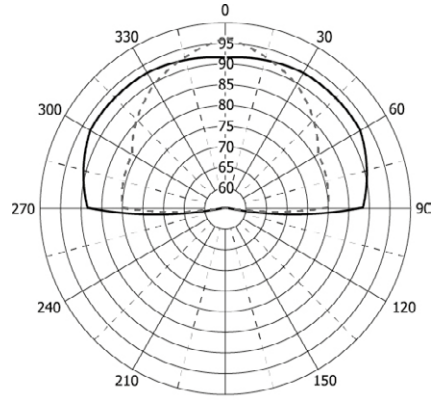
Frequency Response



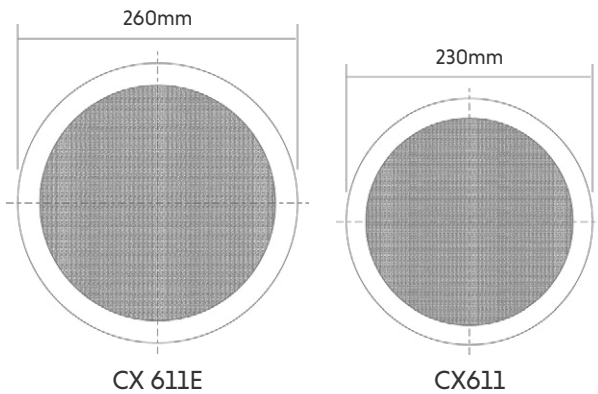
CX 611 / CX 611E

* at 1W / 1m

SPL Polar Plot

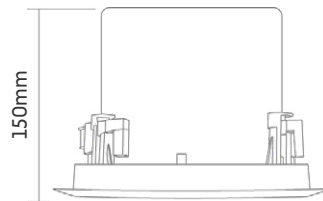


* at 1W / 1m

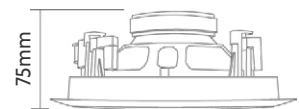
 — 1 kHz
 - - - 4 kHz


CX 611E

CX611



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