



CX 815 | Flush Mount 2-Way Coaxial Ceiling Loudspeaker
CX 815E | Flush Mount 2-Way Coaxial Ceiling Loudspeaker



The CX 815 and CX 815E Flush Mount 2-Way Coaxial Ceiling Loudspeaker are designed for high ceiling applications in a public address system where directive sound projection is required. The unit consists of a 200 mm 2-way coaxial loudspeaker driver, capable of delivering up to 106 dB of Sound Pressure Level (SPL) and providing excellent speech and music reproduction properties.

The unit's built-in line matching transformer makes it suitable for 70 V and 100 V distributed speaker system. Multiple power tapings on the transformer allows for outputs of 15, 7.5 and 3.8 W (100 V line system) or 7.5, 3.8 and 1.9 W (70 V line system).

The loudspeaker driver unit is mounted onto an aesthetically pleasing 275 mm circular ABS grille finished with a matted surface in Pure White (RAL 9010) and covered with a fine metal mesh. The whole unit is clamp mounted to the ceiling board without any visible screw mounting holes.

The CX 815E features a metal back enclosure which helps eliminate crosstalk within the ceiling cavity, while acoustic damping material lining the enclosure reduces echoing.

- 275 mm circular pure white ABS grille, utilising a 200 mm two way coaxial loudspeaker driver unit, suitable for applications requiring high efficiency and music quality output.
- Clamp mounted installation to eliminate visible mounting screws.
- Ready fitted line matching transformer with multiple impedance tapings, suitable for 70 V and 100 V distributed speaker systems.
- Metal back enclosure (CX 815E) padded with acoustic damping material reduces echoing and enhances speech intelligibility.



CX 815

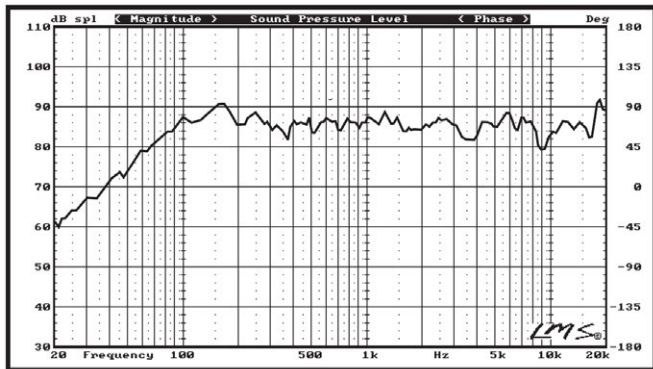


CX 815E

Technical Specification

	CX 815	CX 815E
Rated Input	100 V : 15 W (15 - 7.5 - 3.8 W) 70 V : 7.5 W (7.5 - 3.8 - 1.9 W)	100 V : 15 W (15 - 7.5 - 3.8 W) 70 V : 7.5 W (7.5 - 3.8 - 1.9 W) & 8 ohm
Rated Impedance	670 Ω (670 - 1330 - 2670 Ω)	670 Ω (670 - 1330 - 2670 Ω) / 8 ohm
Maximum Power	22.5 W	22.5 W
Frequency Response	55 Hz - 20 kHz	55 Hz - 20 kHz
Sensitivity 1W @ 1m	94 / 106 dB	94 / 106 dB
Coverage Angle (1kHz, -6dB)	120 °	120 °
Speaker Component	200 mm 2-Way Coaxial Loudspeaker	200 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, white Grille: Treated Steel Mesh, white Enclosure: ABS, white
Dimensions	Dia. 275 x 95 mm	Dia. 275 x 180 mm
Weight	2 kg	3 kg

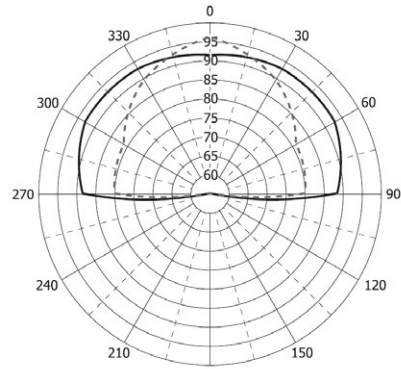
Frequency Response



— CX 815 / CX 815E

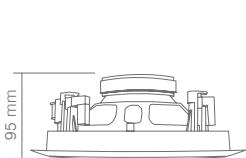
* at 1W / 1m

SPL Polar Plot

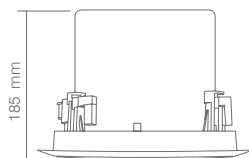


* at 1W / 1m

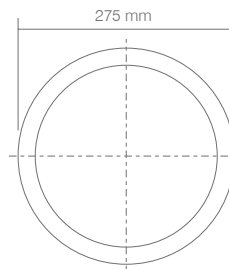
— 1 kHz
- - - 4 kHz



CX 815



CX 815E



CX815/CX 815E