

**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.

- Reproduces full-range music and speech with genuine fidelity for rich, room-filling sound.
- CX 815, 100 V line taps: 15 W, 7.5 W, 3.8 W; 70 V line taps: 7.5 W, 3.8 W, 1.9 W.
- CX 815E, 100 V line taps: 15 W, 7.5 W, 3.8 W; 70 V line taps: 7.5 W, 3.8 W, 1.9 W.
- Discreet moulded ABS enclosure finished in white, set behind a steel grille, resists moisture and impact while sitting light and unobtrusive in the ceiling or on the wall. Variants suffixed 'E' add a sealed back enclosure for use in open ceilings and plenum spaces.
- CX 815, Ø275 × 95 mm, cut-out Ø245 mm, 2 kg.
- CX 815E, Ø275 × 180 mm, cut-out Ø245 mm, 3 kg.
- Specified for hotels, restaurants, retail stores, boutiques, lounges and hospitality interiors.



CX 815

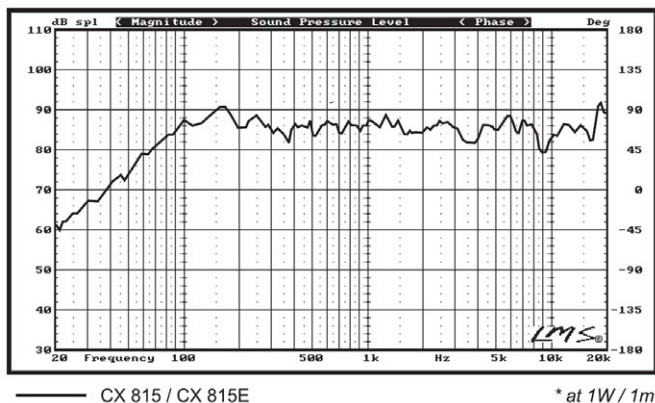


CX 815E

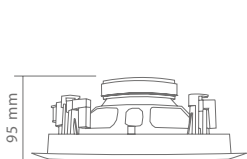
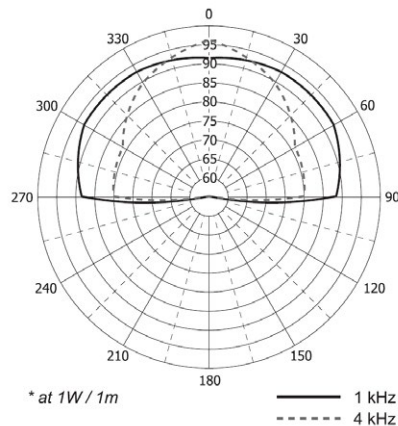
Technical Specification

	CX 815	CX 815E
Rated Input	100 V : 15 W (15W - 7.5W - 3.8W) 70 V : 7.5 W (7.5W - 3.8W - 1.9W)	100 V : 15 W (15W - 7.5W - 3.8 W) 70 V : 7.5 W (7.5W - 3.8W - 1.9 W)
Rated Impedance	0.7kΩ, 1.3kΩ, 2.6kΩ	0.7kΩ, 1.3kΩ, 2.6kΩ
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
Cutout Dimension (Ø)	245 mm	245 mm
Dimensions	Dia. 275 x 95 mm	Dia. 275 x 180 mm

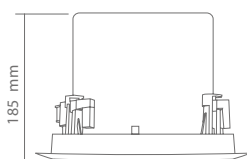
Frequency Response



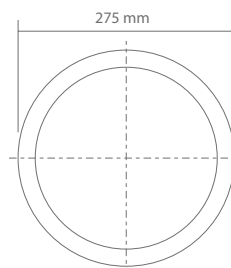
SPL Polar Plot



CX 815



CX 815E



CX815/CX 815E