



The CX 631 speaker range is specially developed to address the growing needs of the Audio-visual (AV) and Background Music (BGM) industry, especially in the hotels, malls, conference rooms, lecture halls, auditoriums, museums, galleries, restaurants and bars application.

Many AV and BGM industry installers require different types of speaker system depending on the project requirement. Our CX 631 speaker solutions bring you this flexibility, to mix and match any of speaker system solution depending on the needs of your installation with the assurance of the highest audio reproduction quality.

The CX 631 Series 30W Coaxial Ceiling Loudspeakers are well sought-after in installations that require good musical quality reproduction with a wide dispersion coverage angle. It can produce a wide audio bandwidth due to its individually dedicated transducers for the high & low frequencies. The CX 631 is meant for discreet installations with its slim profile grille & fine metal mesh making the unit blend into its surroundings seamlessly.

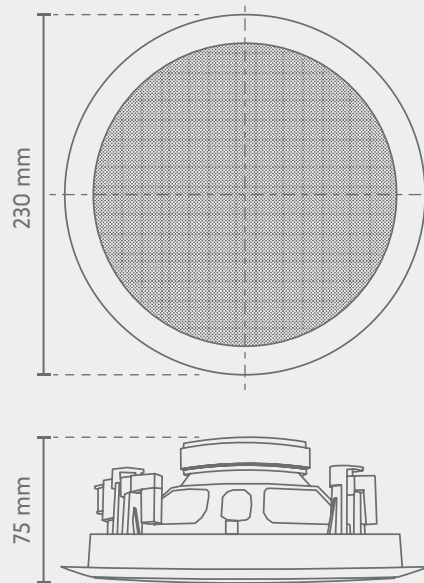
- 230 mm circular pure white ABS grille, utilizing a 160 mm 2-way coaxial loudspeaker driver unit, suitable for applications requiring high music quality output and wide area coverage.
- Clamp mounted installation to eliminate visible mounting screws.
- Ready fitted line matching transformer with multiple impedance tapings, suitable for 70 V and 100 V distributed speaker systems.
- Suitable for Public Address (PA) and Background Music (BGM) system application.



CX 631

Technical Specifications

CX 631	
<b>Rated Input (100 V)</b>	100V : (30 - 15 - 7.5 W) 70V : (15 - 7.5 - 3.8 W)
<b>Maximum Power</b>	45W
<b>Rated Impedance</b>	330Ω ( 330 - 670 - 1300 Ω)
<b>Sensitivity (1 W / rated at 1 m)</b>	92 / 107 dB
<b>Coverage Angle (1 kHz, -6 dB)</b>	130 °
<b>Frequency Response (-10 dB)</b>	50Hz – 20kHz
<b>Frequency Response (-3dB)</b>	70Hz – 18kHz
<b>Speaker Component</b>	160 mm 2-Way Coaxial Loudspeaker
<b>Safety</b>	Acc. to EN 60065
<b>Dimensions</b>	Dia. 230 x 75 mm
<b>Weight</b>	1kg



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**Engineers' Specification**

The coaxial ceiling loudspeaker unit shall consist of a 160 mm 2-way coaxial loudspeaker driver, mounted onto a 230 mm ABS circular grille, finished in pure white, and covered with a fine metal mesh. The unit shall be clamp mounted to the ceiling to avoid visible mounting screws. A line matching transformer shall be provided with multiple power tapplings of 30, 15 & 7.5 W (100 V) / 15, 7.5 & 3.8 W (70 V) suitable for distributed speaker systems.

The loudspeaker unit shall have a useable frequency range(-10dB) of 50Hz - 20 kHz, frequency range(-3dB) of 70 - 18 kHz, with a minimum SPL of 92 dB at 1 W / m, 1 kHz, and a coverage angle of 130 deg. The unit's weight shall not exceed 1 kg, and dimensions shall be not more than 230 mm diameter and depth 75 mm.