



HC 631 | High Quality Coaxial Ceiling Speaker
HC 631E | High Quality Coaxial Ceiling Speaker



The H series speaker range is specially developed to address the growing needs of the Audio-Visual (AV) and Background Music (BGM) industry, particularly in hotel, mall, conference room, lecture hall, auditorium, museum, gallery, restaurant, and bar applications. Many AV and BGM industry installers require different types of speaker systems depending on the project requirements. Our H series speaker solutions offer flexibility, allowing you to mix and match any speaker system solution based on your installation needs, ensuring the highest audio reproduction quality.

The HC 631 Series Coaxial Ceiling Loudspeakers are highly sought-after in installations that demand good musical quality reproduction with a wide dispersion coverage angle. They can produce a wide audio bandwidth due to individually dedicated transducers for high and low frequencies. The HC 631 Series is designed for discreet installations with its slim-profile grille and fine metal mesh, seamlessly blending the unit into its surroundings.

- 230 mm circular pure white ABS grille, housing a 160 mm 2-way coaxial loudspeaker driver unit, ideal for applications requiring high-quality music output and wide area coverage.
- Clamp-mounted installation for a clean appearance without visible mounting screws.
- Ready-fitted line matching transformer with multiple impedance tapings, suitable for 70 V and 100 V distributed speaker systems (Exclusive to HC 631 and HC 631E).
- ABS back enclosure (HC 631E) padded with acoustic damping material to reduce echoing and enhance speech intelligibility.
- HC 631E utilizes a bass reflex port design for an improved frequency response.
- Suitable for Public Address (PA) and Background Music (BGM) system applications.



HC 631

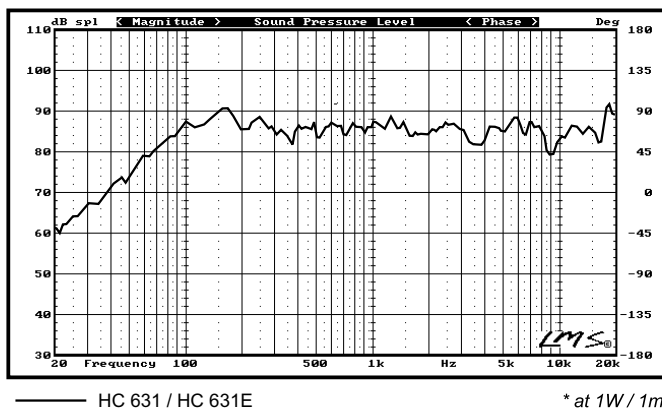


HC 631E

Technical Specification

	HC 631	HC 631E
Rated Input	100V : (30 - 15 - 7.5 W) 70V : (15 - 7.5 - 3.8 W)	100V : (30 - 15 - 7.5 W) 70V : (15 - 7.5 - 3.8 W)
Rated Impedance	330Ω (330 - 670 - 1300 Ω)	330Ω (330 - 670 - 1300 Ω) / 8Ω
Maximum Power	45W	45W
Frequency Response (-10 dB)	35 - 20kHz	35 - 20kHz
Frequency Response (-3dB)	60 - 18kHz	60 - 18kHz
Sensitivity 1W @ 1m	92 / 107 dB	92 / 107 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, white 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



SPL Polar Plot

