



HC 630 | HC 630-L | HC 630E

High Quality 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 especially in the hotels, conference rooms, lecture halls, auditoriums, museums, galleries, restaurants and bars application.

Many AV and BGM industry requires different types of speaker system depending on the project requirement. Centralized systems that require a lot of speakers within a zone may require a High Impedance speaker system solution. Instances where a distributed equipment system is preferential for high quality music reproduction would benefit from Low Impedance speaker solutions. Then there

are challenging circumstances prohibiting the laying of speaker cables for example over a glass wall or partition; a wireless speaker system that requires zero audio cable is crucial.

There are also instances where all of the above speaker system (High Impedance, Low Impedance & Wireless) solutions are required within a single installation. Our H series speaker solutions bring you this flexibility to mix and match any speaker system solution depending on the needs of your installation.

- 230 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 tapplings, suitable for 70 V and 100 V distributed speaker systems.
- Metal back enclosure padded with acoustic damping material reduces echoing and enhances speech intelligibility.



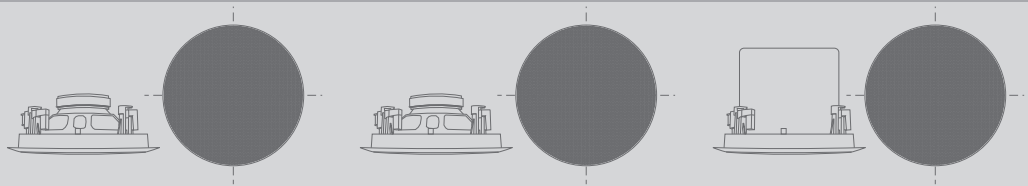
HC 630



HC 630-L

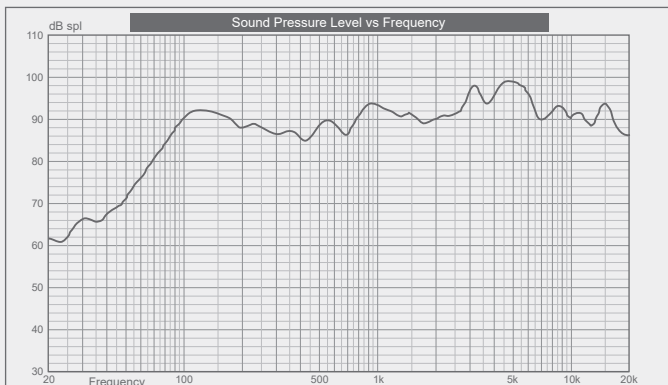


HC 630E



Technical Specifications

	HC 630	HC 630-L	HC 630E
Frequency Response (-10dB)	40Hz – 20kHz	40Hz – 20kHz	40Hz – 20kHz
Nominal Power (W)	30W	30W	30W
Maximum Power (W)	80W	80W	80W
Power Tappings	30W-15W	N/A	30W-15W-8Ω
Sensitivity (dB) 1W@1m	87dB	87dB	87dB
Nominal Impedance (Ω)	333Ω-667Ω	8Ω	333Ω-667Ω-8Ω
Speaker Component	6.5" Coaxial Speaker	6.5" Coaxial Speaker	6.5" Coaxial Speaker
Speaker Enclosure	N/A	N/A	Metal
Dimensions (cm)	D23 x H10	D23 x H10	D23 x H20
Weight (kg)	1.5	1.4	1.9



* at 1 W / 1 m

Engineers' Specifications

The coaxial ceiling loudspeaker unit shall consist of a 200 mm 2-way coaxial loudspeaker driver, mounted on to 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 screw. A line matching transformer shall be provided with multiple power tapplings of 10, 5 & 2.5 W (100 V) / 5, 25 & 1.3 W (70 V) suitable for distributed speaker systems. The loudspeaker unit shall have a useable frequency range of

40 Hz ~ 20 kHz with a minimum SPL of 94 dB at 1 W / m and a coverage angle of 120 deg.. A metal back enclosure shall be provided as a standard item and padded with acoustic damping material to reduce echoing.

