



HC 831 | High Quality Ceiling Speaker
HC 831E | High Quality Ceiling Speaker



The H Series 8-inch speakers, boasting a robust 30W power output, are meticulously crafted to meet the diverse demands of PA system deployments in various environments, including hotels, conference rooms, and auditoriums. These speakers are designed to ensure clear and effective communication, making them perfect for public address purposes. They offer several configuration options to suit any setup: High Impedance for centralized PA systems that require uniform sound distribution across large areas, Low Impedance for exceptional sound coverage in distributed systems, and Wireless for ultimate flexibility and cable-free installation. The H Series 8-inch speakers provide the versatility to customize your PA system to the unique acoustical and design needs of any space, enhancing both the functionality and the auditory experience.

- **Rated Inputs:** Both models support 100V and 70V systems with adjustable power settings (30W, 15W, 7.5W at 100V and 15W, 7.5W, 3.8W at 70V), accommodating various installation requirements.
- **Impedance Options:** Rated impedance at 330Ω (with 330, 670, and 1330Ω taps), versatile for both centralized and distributed audio systems.
- **Consistent Power and Sensitivity:** Each speaker has a maximum power of 40W and a sensitivity of 96/108 dB, ensuring clear and powerful sound projection.
- **Broad Frequency Range:** The frequency response spans from 55Hz to 20kHz, capturing a wide spectrum of sounds.
- **Wide Coverage Angle:** Coverage angle of 120°, ideal for even sound distribution in various room sizes.



HC 831

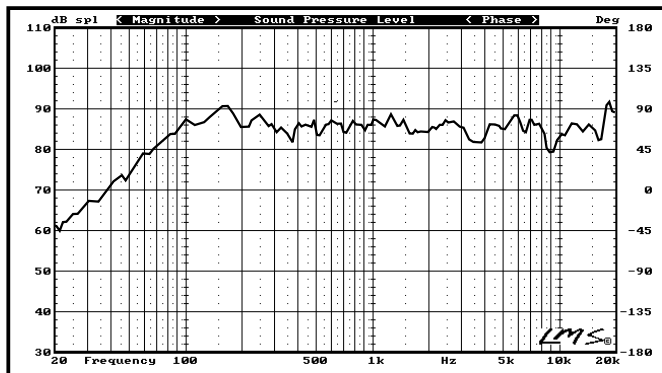


HC 831E

Technical Specification

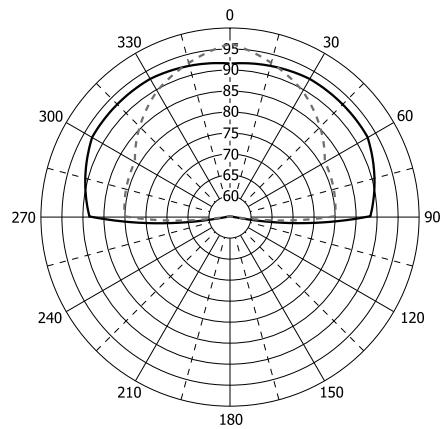
	HC 831	HC 831E
Rated Input	100 V : 30W (30 - 15- 7.5 W) 70 V : 15 W (15 - 7.5 - 3.8 W)	100 V : 30W (30 - 15- 7.5 W) 70 V : 15 W (15 - 7.5 - 3.8 W)
Rated Impedance	330 Ω (330- 670 - 1330 Ω)	330 Ω (330- 670 - 1330 Ω)
Maximum Power	40 W	40 W
Frequency Response	55 Hz - 20 kHz	55 Hz - 20 kHz
Sensitivity 1W @ 1m	96 / 108 dB	96 / 108 dB
Coverage Angle (1kHz, -6dB)	120 °	120 °
Speaker Component	200 mm 2-Way Coaxial Loudspeaker	200 mm 2-Way Coaxial Loudspeaker
Safety	EN 62368-1	EN 62368-1
Material & Finish	Frame: ABS Grille: Treated Steel Mesh	Frame: ABS Grille: Treated Steel Mesh Enclosure: Steel
Dimensions	Dia. 275 x 95 mm	Dia. 275 x 180 mm
Weight	2.3 kg	3.3 kg

Frequency Response



— HC 831 / HC 831E * at 1W / 1m

SPL Polar Plot



* at 1W / 1m — 1 kHz - - - 4 kHz