



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 installers require different types of speaker system depending on the project requirement. Our H series speaker solutions bring you this flexibility to mix and match any speaker system solution depending on the needs of your installation with the assurance of the highest audio reproduction quality.

The HC 851 Series Coaxial Ceiling Loudspeakers are well sought-after in installations that require good musical quality reproduction for its ability to produce a wide audio bandwidth due to its individually dedicated transducers for the high & low frequencies. Meant for discreet installations its slim profile grille & fine metal mesh makes the unit blend into its surroundings seamlessly.

- Reproduces full-range music and speech with genuine fidelity for rich, room-filling sound.
- HC 851, 100 V line taps: 50 W, 25 W, 12.5 W; 70 V line taps: 25 W, 12.5 W, 6.25 W.
- HC 851E, 100 V line taps: 50 W, 25 W, 12.5 W; 70 V line taps: 25 W, 12.5 W, 6.25 W.
- Discreet moulded ABS enclosure 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.
- HC 851, 275 × 105 mm, cut-out Ø245 mm, 2.5 kg.
- HC 851E, 275 × 175 mm, cut-out Ø245 mm, 3.2 kg.
- Specified for hotels, restaurants, retail stores, boutiques, lounges and hospitality interiors.



HC 851

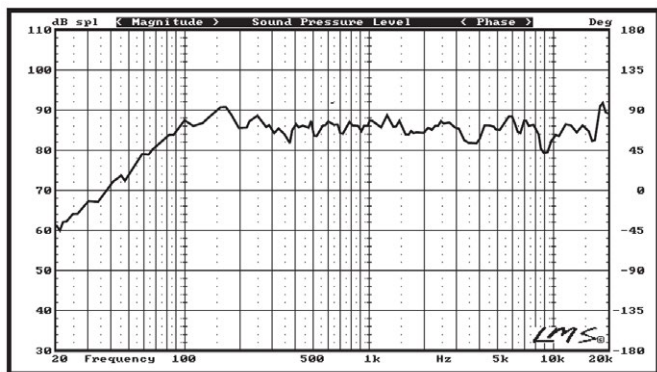


HC 851E

Technical Specification

	HC 851	HC 851E
Power Handling (RMS)	50W	50W
Peak Power Handling	100W (Calculated)	100W (Calculated)
Power Taps (100V)	50W, 25W, 12.5W	50W, 25W, 12.5W
Power Taps (70V)	25W, 12.5W, 6.25W	25W, 12.5W, 6.25W
Rated Impedance	0.2kΩ, 0.4kΩ, 0.8kΩ / 8Ω	0.2kΩ, 0.4kΩ, 0.8kΩ / 8Ω
Frequency Response	70Hz - 19kHz	65Hz - 19kHz
Frequency Range (-10 dB)	55Hz - 20kHz	55Hz - 20kHz
Sensitivity (1W/1m)	94dB	94dB
Maximum Peak SPL	106dB	106dB
Coverage Angle	120°	120°
Speaker Component	275 mm (10.8") 2-Way Coaxial	275 mm (10.8") 2-Way Coaxial
Safety	EN 62368-1	EN 62368-1
Dust & Water Protection	NA	NA
Material & Finish	Frame: ABS, Grille: Steel Mesh	Enclosure: Steel, Frame: ABS, Grille: Steel Mesh
Connectors	Flying Lead	Spring Clip Terminals
Cutout Dimension (Ø)	245 mm	245 mm
Dimensions (Ø x D)	275 x 105 mm	275 x 175 mm
Weight	2.5 kg	3.2 kg

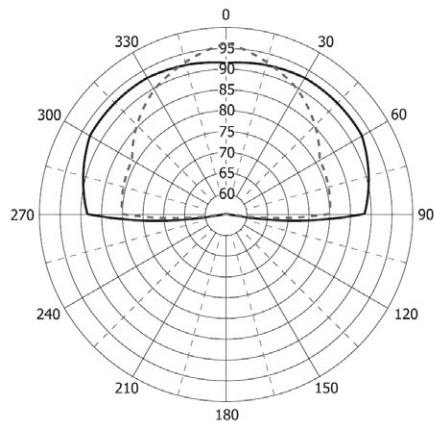
Frequency Response



— HC 851 / HC 851E

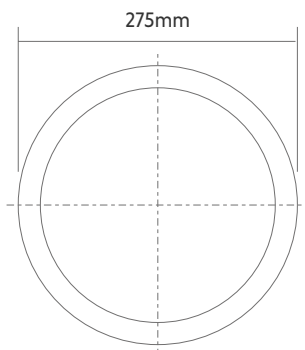
* at 1W / 1m

SPL Polar Plot

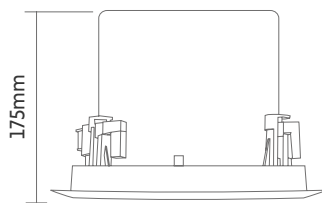


* at 1W / 1m

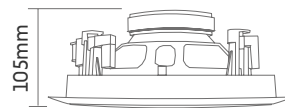
— 1 kHz
- - - 4 kHz



HC 851/HC 851E



HC 851E



HC 851