

Model List

- HC 5021 | Professional 5" Ceiling Speaker
- HC 5021E | Professional 5" Ceiling Speaker with Enclosure
- HC 6031 | Professional 6" Ceiling Speaker
- HC 6031E | Professional 6" Ceiling Speaker with Enclosure
- HC 8041 | Professional 8" Ceiling Speaker
- HC 8041E | Professional 8" Ceiling Speaker with Enclosure

Product Introduction

Introducing the HC Series, a comprehensive family of professional ceiling speakers designed to deliver exceptional audio fidelity across a wide range of commercial applications. This versatile series offers a complete, scalable solution with 5-inch (HC 5021), 6-inch (HC 6031), and 8-inch (HC 8041) models, ensuring the perfect sonic fit for any space. Each size is available in two distinct versions: a standard, open-back model for streamlined installation, and an 'E' version equipped with a robust metal enclosure for enhanced acoustic performance, improved low-frequency response, and sound isolation between floors. Featuring a unique dual-tweeter design for broad, even coverage and flexible operation on both 100V line and 8 Ω systems, the HC Series is the definitive choice for delivering high-quality background music, paging, and public address in environments such as retail stores, hotels, conference rooms, and auditoriums.

Key Features

- Comprehensive family of professional ceiling speakers for commercial applications.
- Available in 5-inch (HC 5021), 6-inch (HC 6031), and 8-inch (HC 8041) models.
- Features a unique dual-tweeter design for broad, even sound coverage.
- Flexible operation on both 100V line and 8 Ω systems for versatile installation.
- HC 5021: 40W rated input (8 Ω), 80W max power, 91dB sensitivity.
- HC 6031: 60W rated input (8 Ω), 120W max power, 94dB sensitivity.
- HC 8041: 100W rated input (8 Ω), 200W max power, 95dB sensitivity.
- All models comply with EN IEC 62368-1 safety standard.



HC 5021



HC 5021E



HC 6031



HC 6031E



HC 8041



HC 8041E

Ceiling Speakers

Technical Specification

	HC 5021	HC 5021E	HC 6031	HC 6031E	HC 8041	HC 8041E
Rated Input (8Ω)	40W	40W	60W	60W	100W	100W
Maximum Power (8Ω)	80W	80W	120W	120W	200W	200W
Power Taps (100V)	20W, 10W, 5W, 2.5W	20W, 10W, 5W, 2.5W	30W, 15W, 7.5W, 3.75W	30W, 15W, 7.5W, 3.75W	40W, 20W, 10W, 5W	40W, 20W, 10W, 5W
Impedance	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω
Frequency Response	120Hz - 19kHz	110Hz - 19kHz	90Hz - 19kHz	80Hz - 19kHz	70Hz - 19kHz	60Hz - 19kHz
Frequency Range (-10 dB)	100Hz - 20kHz	100Hz - 20kHz	70Hz - 20kHz	70Hz - 20kHz	50Hz - 20kHz	50Hz - 20kHz
Sensitivity (1W/1m)	91dB	91dB	94dB	94dB	95dB	95dB
Maximum Peak SPL	110dB (Calculated)	110dB (Calculated)	115dB (Calculated)	115dB (Calculated)	118dB (Calculated)	118dB (Calculated)
Coverage Angle °	130	130	130	130	130	130
Speaker Component	5" Woofer + 2 x 0.75" Tweeter	5" Woofer + 2 x 0.75" Tweeter	6" Woofer + 2 x 1" Tweeter	6" Woofer + 2 x 1" Tweeter	8" Woofer + 2 x 1" Tweeter	8" Woofer + 2 x 1" Tweeter
Safety	EN IEC 62368-1	EN IEC 62368-1	EN IEC 62368-1	EN IEC 62368-1	EN IEC 62368-1	EN IEC 62368-1
Dust & Water Protection	NA	NA	NA	NA	NA	NA
Material & Finish	Open-back, metal mesh grille	Metal enclosure with backcan, metal mesh grille	Open-back, metal mesh grille	Metal enclosure with backcan, metal mesh grille	Open-back, metal mesh grille	Metal enclosure with backcan, metal mesh grille
Connectors	Spring Clip Terminals (Low Impedance) Flying Leads (High Impedance)	Spring Clip Terminals	Spring Clip Terminals (Low Impedance) Flying Leads (High Impedance)	Spring Clip Terminals	Spring Clip Terminals (Low Impedance) Flying Leads (High Impedance)	Spring Clip Terminals
Cutout Dimension (Ø)	180 mm	180 mm	200 mm	200 mm	250 mm	250 mm
Dimensions (Ø x D)	239 x 85 mm	239 x 215 mm	264 x 90 mm	264 x 242 mm	320 x 110 mm	320 x 246 mm
Weight	1.4 kg	1.7 kg	2.47 kg	2.8 kg	2.8 kg	3.2 kg