

Model List

- HC 1012E | Professional 10" High Power Ceiling Speaker with Enclosure
- HCS 1024E | Professional 10" High Power Ceiling Sub-woofer

Product Introduction

Stepping to the forefront of architectural audio, the HC 1012E and HCS 1024E represent the pinnacle of the HC ceiling speaker series, engineered as a complete system solution for spaces that demand both aesthetic discretion and high-impact sonic performance. This powerful duo combines a 10-inch high-output, two-way loudspeaker with a dedicated 10-inch subwoofer, designed to deliver a true full-range audio experience that rivals traditional surface-mount systems. With robust 240W power handling and integrated metal enclosures, this system is purpose-built to fill large, high-ceilinged venues—such as hotel ballrooms, houses of worship, upscale restaurants, flagship retail stores, and corporate auditoriums—with dynamic, crystal-clear sound and deep, foundational bass. The HC 1012E and HCS 1024E make it possible to achieve concert-level fidelity that is heard, not seen, providing the ultimate audio solution for premium commercial installations.

Key Features

- HC 1012E: 10" woofer + 1.5" tweeter; HCS 1024E: 10" subwoofer for full-range audio pairing.
- Both models: 240W rated input, 480W peak power handling for large-scale PAVA systems.
- HC 1012E: 60Hz–20kHz frequency response; HCS 1024E: 50Hz–180Hz for subwoofer bass extension.
- HC 1012E: 117dB maximum peak SPL; HCS 1024E: 116dB with 93dB and 92dB sensitivity respectively.
- HC 1012E: 130° coverage angle; HCS 1024E: 120° for optimized sound distribution.
- HC 1012E power taps (100V): 120W, 60W, 30W; HCS 1024E: 240W, 120W, 60W.
- HC 1012E impedance: 8Ω; HCS 1024E: 4Ω for flexible system integration.
- Metal enclosure with metal mesh grille; integrated fire-rated construction.
- 5.08mm Phoenix female connectors; 330mm cutout dimension for standard installation.
- HC 1012E: Ø360×330mm, 10.5kg; HCS 1024E: Ø360×330mm, 9.5kg.
- EN IEC 62368-1 safety certified for hotel ballrooms, houses of worship, and premium commercial venues.



HC 1012E



HCS 1024E

Technical Specification

	HC 1012E	HCS 1024E
Rated Input (RMS)	240W	240W
Peak Power Handling	480W (Calculated)	480W (Calculated)
Power Taps (100V)	120W, 60W, 30W	240W, 120W, 60W
Impedance	8Ω	4Ω
Frequency Response	60Hz - 20kHz	50Hz - 180Hz
Frequency Range (-10 dB)	45Hz - 20kHz	36Hz - 150Hz
Sensitivity (1W/1m)	93dB	92dB
Maximum Peak SPL	117dB (Calculated)	116dB (Calculated)
Coverage Angle	130	120
Speaker Component	10" Woofer + 1.5" Tweeter	10" Subwoofer Driver
Safety	EN IEC 62368-1	EN IEC 62368-1
Dust & Water Protection	NA	NA
Material & Finish	Metal enclosure, metal mesh grille	Metal enclosure, metal mesh grille
Connectors	5.08 mm Phoenix Female Connector	5.08 mm Phoenix Female Connector
Cutout Dimension (Ø)	330 mm	330 mm
Dimensions (Ø x D)	360 x 330 mm	360 x 330 mm
Weight	10.5 kg	9.5 kg