

HCL-804A

8 Units Two-way Directivity Controllable Column Loudspeaker



Overview

Two-way directivity controllable column loudspeaker comes with 8×4" midwoofers and 24×0.75" tweeters. Built-in multi-channel DSP engine and high-performance class D digital amplifier can control each array element with high precision in a programmable manner. It can be decomposed into two independent beams for control and adjustment, providing simultaneous input of analog audio and AES/EBU digital audio signals to achieve hot backup. System setting and monitoring are all carried out via standard Ethernet, which is efficient and convenient.

When combined with a woofer, the system fulfills the sound reinforcement requirements of presenting PPT and video programs.

Features

- Vertical pointing angle and width adjustable
- Dual beam adjustable
- Independent switch for beam sidelobe suppression
- Beam center point adjustable
- AES/EBU and analog dual signal input with hot backup

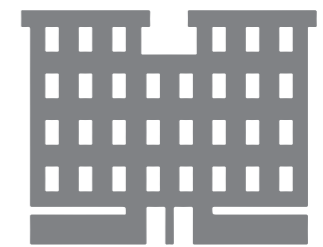
Applications



Hotels



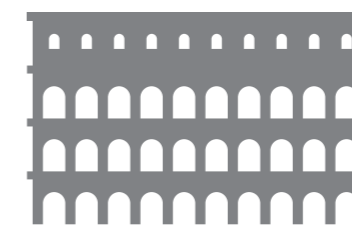
Small and Medium Meeting Rooms



Multifunction Halls



Lecture Halls



Large Meeting Rooms



Ballroom

Specifications

Item	Parameter
Frequency Range	100Hz-20kHz (±3dB) / 80Hz-22kHz (-10dB)
Sensitivity	103dB
Rated Power	400W
Max SPL	129dB SPL, 135dB SPL peak
Midwoofer Unit	8 × 4" complex carbon fiber diaphragm midwoofer units
Tweeter	24 × 0.75" nano carbon fiber diaphragm tweeters
Horizontal Coverage Pattern	100°
Vertical Coverage Pattern	-45°~ + 45° (accuracy of 0.1 degree)
Beam Control	2 solely adjustable beams with adjustable center point
Beam Width	12°~90°
Coverage Area	3m~30m
AD & DA	24bit-96kHz
Control Interface	RJ45
Input	An AES/EBU input, an analogy input
Enclosure Material	Aluminum + surface coating
Dimensions (H × W × D)	1000 × 131 × 158mm
Weight	15kg