

# ▶ Polycom® HDX Ceiling Microphone Array

Extraordinary room coverage with superior audio pickup

Extending the reach of HD video, voice, and content sharing with powerful technology and a quick return on investment.

Polycom's digital microphone array is the only audio pickup device for video conferencing systems on the market that offers consistent, reliable, 360-degree voice pickup in 22 kHz StereoSurround™ audio! When paired with a Polycom HDX video conferencing system, the audio pickup and delivery is unmatched.

That's why Polycom offers the easy-to-mount Ceiling Microphone Array. It eliminates conference table clutter and stays out of the way of pencil tappers, while providing the same clear, crisp sound as our tabletop microphones. Unobtrusively, the microphone elements are located in the room while the electronics are mounted above the ceiling tile, so you don't even know it's there. This is ideal for video conferencing and applications of all kinds, in all environments from small to large classrooms and conference rooms.

## **Stereo pickup with a single microphone array**

The Ceiling Microphone Array is designed to eliminate acoustic noise coming from the ceiling, while boosting sensitivity gain even when the speaker is directly beneath the microphone. To achieve up to 2,800 square feet of coverage, simply connect up to two Ceiling Microphone Arrays to a single HDX video system. Adjustable drop height from ceiling will accommodate any room size or environment. This huge coverage area is up to three times larger than competitive unidirectional ceiling microphones. It is delivered as a complete kit with all mounting hardware required for easy installation.

Polycom Ceiling Microphone Array seamlessly integrates with the Polycom HDX video systems, and Polycom SoundStructure® guaranteeing you'll always enjoy the best audio quality in echo cancellation, noise reduction, and automatic gain control.

## **Find Out More**

Learn what a Polycom's HDX Ceiling Microphone Array can do for your organization. Visit us at [www.polycom.com](http://www.polycom.com) or contact your Polycom representative.



## **Benefits**

- ▶ Superior audio pickup – Adjustable drop height provides extraordinary voice pickup from anywhere in the room
- ▶ Award winning technology – Makes full use of Polycom digital microphone and 22 kHz StereoSurround audio
- ▶ Superb room coverage – 360-degree coverage with three-cardioid elements can handle a room up to 2,800 square feet, three times greater than competitive unidirectional products
- ▶ Capture the speaker – the only ceiling microphone on the market forms a directional microphone beam, automatically pointing to the person speaking
- ▶ Neat, easy installation – Complete kit includes everything you need to hide electronics in the ceiling, out of the way of the floor and tabletop



# Polycom HDX Ceiling Microphone Array Specifications

## Primary Solution Includes

- Microphone array element
- Electronics enclosure with ceiling mounting hardware (UL 2043 compliant and suitable for use in air-handling spaces)
- (1) 24-inch (60 cm) microphone interface cable
- (1) 30-foot (914 cm) plenum C-Link II cable\*
- (1) 50-foot (1524 cm) plenum C-Link II cable (RJ45)
- Wall plate
- Walta to RJ45 adapter cable (for non HDX 9000 installations)
- Microphone array element and interface cable available in black or white

## Extension Kit Includes

- Microphone array element
- Electronics enclosure with ceiling mounting hardware (UL 2043 compliant and suitable for use in air-handling spaces)
- (1) 24-inch (60 cm) microphone interface cable\*
- (1) 25-foot (762 cm) plenum C-Link II cable (RJ45)
- Microphone array element and interface cable available in black or white

## Digital Microphone Specifications

- 360-degree directional pickup
- Three cardioid elements per microphone
  - Elements spaced 120 degrees apart
- Each Ceiling Microphone Array covers a 30' diameter or 15' radius area
- Total coverage area for a single Ceiling Microphone Array is 700 square feet

## Audio Features

- Dynamic microphone steering
- Full-duplex digital audio
- Instant Adaptation Echo Cancellation
- Automatic Noise Suppression (ANS)
- Automatic Gain Control (ACG)

## Ideal Usage Environments

- K-12, Primary and Secondary school locations
- Higher Education including universities, colleges, community colleges, technical colleges
- Corporate training rooms
- Auditoriums
- Large lecture halls
- Medical training facilities
- Corporate boardrooms
- Military training/distributed learning rooms, command centers, briefing centers
- Continuing education center
- Museums or hospitals
- Content provider locations

## Polycom Worldwide Headquarters

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## Installation Guidelines

- Avoid interference with fluorescent lighting
- Avoid close proximity with AC vents
- Secure mounting ears for electronic boxes
- Avoid all other obvious sources of noise

## Video System Compatibility

	Maximum CMAs Supported
Polycom HDX 9000, SoundStructure C16, SoundStructure C12	Up to 4
Polycom HDX 8000, VSX 8000, VSX 7000s	Up to 3
Polycom HDX 7000, HDX 4000, SoundStructure C8	Up to 2

## Product Characteristics

- Dimensions (WDH): 4" / 6" / 1 5/8", 101.6 mm / 152.4 mm / 41.3 mm
- Weight 14 oz; 397 g

## Warranty

- One-year return to factory parts and labor

\* Also available as an option 6' white or black

## Ideal Applications

- Basic or advanced meetings
- General distance and distributed learning
- Specialized courses of instruction
- Continuing education
- Professional development
- Blended learning environments
- Music schools
- Theatre content and classes



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