

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 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

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

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