



Polycom® HDX Ceiling Microphone Array

Extraordinary room coverage with superior audio pickup



Benefits

Superior audio pickup

- Supports stereo audio with Siren™ 22
- Supports Polycom StereoSurround with a single installed Ceiling Microphone Array
- Adjustable drop height provides extraordinary voice pickup from anywhere in the room
- Provides proper frequency equalization, level settings and acoustic echo cancellation
- Makes full use of award-winning Polycom Digital Microphone and Audio Technology

Superb room coverage

- 360-degree coverage with three-cardioid elements. The only ceiling microphone array on the market that forms a directional microphone beam that automatically points to the person speaking
- Up to four microphone arrays to increase coverage without an increase in noise
- Handles rooms up to 2,800 square feet, three times greater than competitive unidirectional products

Neat, easy installation

- Unobtrusively mounts on conference room ceiling
- Comes as complete kit with all mounting hardware required
- Electronics are hidden in the ceiling, out of the way of the floor and tabletop for increased room flexibility
- Connects directly to the Polycom HDX video conferencing system

The world's most innovative audio microphone solution for the classroom or boardroom from the leader in video conferencing solutions.

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 during video communications 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 microphone. Unobtrusive microphone elements are in the room while electronics and mounting hardware are located 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 four Ceiling Microphone Arrays to a single Polycom HDX video conferencing 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 conferencing systems, guaranteeing you'll always enjoy the best audio quality in echo cancellation, noise reduction, and automatic gain control.

Make Great Things Happen with Polycom's HDX Ceiling Microphone Array

In today's Internet driven world, the ability to conduct real time communication and collaboration has become critical to an organization's survival. As the market leader in voice, video, data and Web solutions, our award-winning conference technology makes it easy for people to interact and maximize productivity — over any network, in just about any environment, anywhere around the globe. That's why more organizations worldwide use and prefer Polycom conferencing solutions. Because when people work together, great things happen. See how you, too, can achieve great things with Polycom's HDX Ceiling Microphone Array.



Polycom HDX Ceiling Microphone Array Specifications

Solution Includes

- (1) microphone array
- 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) 50-foot (1524 cm) plenum C-Link II cable
- Wall plate

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)

Installation Guidelines

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

Video System Compatibility

- Up to four can be daisy chained
- HDX 9004, HDX 9002, HDX 9001

Product Characteristics

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

Warranty

- One year-return to factory parts and labor

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

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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Part No. 3726-17613-001 Rev. 3/07