



Polycom® Ceiling Microphone Array

Extraordinary room coverage with superior audio pickup

Benefits

Superior audio pickup

- Supports Siren™ 14 kHz audio
- Supports Polycom StereoSurround with a single installed Ceiling Microphone Array
- Eliminates ceiling noise with specially designed mounting plate
- 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.
- Automatically senses when speaker moves around the room
- Up to three microphone arrays to increase coverage without an increase in noise
- Handles rooms up to 2100 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
- Wires are hidden in the ceiling, out of the way of the floor and tabletop for increased room flexibility
- Connects directly to the VSX video communications 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 14 kHz StereoSurround™ audio! When paired with a Polycom VSX™ video conferencing system, the audio pickup and delivery during video communications is unmatched.

That's why Polycom offers the easy-to-mount Ceiling Microphone. It eliminates conference table clutter and stays out of the way of pencil tapper's, while providing the same clear, crisp sound as our tabletop microphone. This makes it 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 2,100 square-feet of coverage, enough area to comfortably seat 175 people, simply connect up to three Ceiling Microphone Arrays to a single VSX video system. This huge coverage area is up to three times larger than competitive unidirectional ceiling microphones.

Polycom Ceiling Microphone seamlessly integrates with the Polycom VSX video systems, guaranteeing you'll always enjoy the best audio quality in echo cancellation, noise reduction, and automatic gain control. Quite simply, it's the best sound money can buy.

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. To learn more, please visit the Polycom Experience Center at www.polycom.com/experience



Polycom Ceiling Microphone Array Specifications

Solution Includes

- (1) microphone array
- (1) 23 inch (58 cm) diameter transparent Acoustic Disk
- (1) 30 feet (914 cm) plenum rated Conference Link cable
- (1) 50 feet (1524 cm) plenum rated Conference Link cable
- (1) 23 inch (58 cm) extension pole for mounting
- Ceiling mounting hardware

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

- Secure mounting using ceiling track
- Avoid interference with fluorescent lighting
- Avoid close proximity with AC vents
- Avoid all other obvious sources of noise
- VSX 7000 Series and VSX 8000 Series products support up to (3) installed microphone arrays
- VSX 5000 product supports a single installed microphone array

Video System Compatibility

- VSX 5000
- VSX 7000s, VSX 7000e and all related models
- VSX 8000 Series models

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 boardroom
- 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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