

Polycom® CX5000 HD

Unified Conference Station Optimized for Microsoft® Lync™

Unique 360-degree HD group video collaboration for Microsoft Lync

More Productive Meetings

The Polycom® CX5000 HD Unified Conference Station adds a cost-effective high definition (HD) enabled unique group voice and video collaboration experience for Microsoft® Lync™ environments. The CX5000 HD provides remote participants 720p HD active speaker video that automatically tracks the flow of conversation and a 360-degree panoramic view of the conference room for more productive and efficient meetings.

Unique and Engaging Meeting Experience

Optimized for Microsoft Lync, the CX5000 HD brings the powerful collaboration capabilities of Lync voice, video and content together through a unique 360-degree panoramic view of the entire room. A second HD video view of the active speaker is also sent, using advanced technology that automatically focuses on the current speaker and tracks the flow of conversation to enable richer, more interactive communication.

Easy to Deploy and Use

An intuitive design with full plug-and-play functionality makes it easy to deploy and use the Polycom CX5000 HD with little or no training. In a conference room, anyone with a laptop that has Microsoft Lync can simply plug the Polycom CX5000 HD into their PC and start sharing voice and 360-degree panorama video. Users with a quad core processor can also send high definition 720p active speaker video and content all within the familiar Lync user interface.

Polycom and Microsoft Solutions

Polycom offers the most comprehensive voice and video collaboration solutions for Microsoft Unified Communications environments. Polycom and Microsoft provide a fully unified, intuitive set of collaboration solutions that enables individuals and groups to instantly see, hear, and talk with colleagues around the world. The result is improved collaboration, streamlined operations and faster more informed decisions. Visit www.polycom.com/microsoft to learn more.

About Polycom

Polycom is the global leader in standards-based unified communications (UC) solutions for telepresence, video, and voice powered by the Polycom® RealPresence™ Platform. The RealPresence Platform interoperates with the broadest range of business, mobile, and social applications and devices. More than 400,000 organizations trust Polycom solutions to collaborate and meet face-to-face from any location for more productive and effective engagement with colleagues, partners, customers, and prospects. Polycom, together with its broad partner ecosystem, provides customers with the best TCO, scalability, and security—on-premises, hosted, or cloud delivered.

For more information, visit www.polycom.com, call 1-800-POLYCOM, or contact your Polycom sales representative.



Benefits

- **Enable richer communications** by automatically focusing on the active speaker in true HD while tracking the conversation flow
- **Fully engage all participants** by providing a 360° view of the conference room
- **Enhance team collaboration** and creativity through real-time interactions
- **Reduce training costs** with simple to use USB plug-and-play functionality that requires little or no training to use



Polycom CX5000 HD Specifications

Your infrastructure must include Microsoft Lync Server, Microsoft Office Communications Server 2007 or Microsoft Office Live Meeting 2007.

Base

- Size (L x W x H): 350 x 350 x 360 mm
- Weight: 3.15 kg
- Power: 15 volts DC nominal, supplied by Power Data Box

Video

- Panoramic video resolution: 1056 x 144 pixels
- Active speaker video resolution
 - CIF: 352 x 288 pixels
 - VGA: 640 x 480 pixels
 - HD720: 1280 x 720 pixels
 - Frame rate for panoramic and active speaker video:
 - 15 frames per second with 60 Hz AC power
 - 12.5 frames per second with 50 Hz AC power

Display

- High-resolution backlit graphical LCD
- Device status icons

Caller ID

- Bellcore Type 1 (requires connection to POTS network and telephone company subscription for activation)

Touch Screen

- 12-key telephone keypad
- Information navigation keys
- Delete key

Hard Keys

- On-hook/off-hook, flash, mute, volume up, volume down, information keys

Audio Performance

- Console Loudspeaker
 - Frequency response: 150 Hz – 7.5 kHz
 - Volume: Adjustable to 89 dBA SPL (peak) volume at 0.5 meters
- Console Microphones
 - 6 directional microphones
 - Frequency response: 150 Hz – 6.0 kHz
- Full Duplex (Class 2)
- PBX/PSTN telephony: 300 Hz – 3.4 kHz
- Transmit frequency response over USB (when used with Microsoft Lync 2010, Office Communicator 2007 or Live Meeting 2007): 150 Hz – 6 kHz

Console Interface

- System cable: Proprietary interface to
- Power Data Box
- USB 2.0 device cable (480 Mbps link to PC)
- 2 USB host ports
- 2 satellite microphone connections

Power Data Box

- Size: 200 x 120 x 65 mm
- Weight: 0.55kg
- Power: 100 - 240 volts AC, 50 - 60 Hz, includes country-specific AC cable

Interfaces

- System cable: proprietary interface to

Base

- Telecom interface: RJ-11 POTS connection to PBX or PSTN
 - Data: RJ-45 10/100 Ethernet for system management
 - Software download mode: Download server or command line via USB
 - Network requirements: Compatible with standard PBX and PSTN networks
- ## Satellite Microphones (included)
- 2 directional satellite microphones
 - Frequency response: 150 Hz – 6.0 kHz
- ## External Dial Pad (included)
- USB Human Interface Device (HID)
 - 12-key keypad
 - On-hook/off-hook, flash, mute, volume up, volume down and delete keys
 - 16-character backlit alphanumeric display

Regulatory Compliance

- Safety
 - UL 60950-1
 - CSA C22.2 60950-1
 - IEC 60950-1
 - AS/NZS 60950-1
 - GB4943-2001 (China)
 - CNS14336
- EMC
 - CISPR 22 Class A (FCC, ICES, AS/NZS)
 - VCCI Class A
 - EN 55022 Class A
 - EN 55024
 - GB9254:2008, YD/T993-1998 (China)
 - KCC Approval (Korea)
 - CNS13438 (Taiwan)
 - ANATEL (Brazil)
- Telecom
 - FCC Part 68
 - IC CS-03
 - AS/ACIF S002 & S004
 - ES 203 021
 - Ordinance No.31
 - ITU-T P.300
 - PTC100 (New Zealand)
 - CNC compliant (Argentina)
 - PSTN01 (Taiwan)
 - IDA-TS-PSTN (Singapore)

Environmental Requirements

- Operating temperature: 0° - 40°C
- Relative humidity: 15% - 85% (noncondensing)
- Storage temperature: -40° - 60°C
- Recommended Room Conditions
- Room reverberation time: RT60 <0.600 seconds
- Ambient noise level: <50 dBA SPL
- Optimal lighting conditions: 300 lux, with a single lighting temperature (no mixed lighting)
- Maximum recommended table length: 16 ft.

Warranty

- 12 months

Polycom CX5000 ships with:

- Base with integrated 360-degree camera
- Power Data Box
- Satellite Microphones (2)
- External Dial Pad
- User documentation
- Cables
 - 1 power cable
 - 1 6-ft. telephone cord
 - 1 6-ft. Ethernet cable
- Telephone line adapter and filter (certain SKUs)

Polycom CX5000 requires a computer with the following:

- 2.0 GHz or faster processor
 - Quad core processor required for HD720p active speaker video transmission
- 2 GB of RAM or more
- 1.5 GB of available hard disk space
- Video card with 128 MB of RAM or more
- and support for full hardware acceleration
- 1024 x 768 or higher resolution video card and monitor
- Wired Ethernet connection
- Windows XP SP3, Windows Vista or Windows 7 Operating System

One of the following desktop clients is required on computers to which the Polycom CX5000 will be attached:

- Microsoft® Lync™ 2010
- Microsoft Office Live Meeting 2007 – (minimum software version 8.0.6362.128)
- Microsoft® Office Communicator 2007 or 2007 R2 (only Active Speaker video is supported)

Note: 720p video is supported only for point-to-point calls in Microsoft Lync 2010. Online Meetings are limited to VGA resolution.

Polycom Worldwide Headquarters
4750 Willow Road, Pleasanton, CA 94588
1.800.POLYCOM or +1.925.924.6000
www.polycom.com

