



## DATA SHEET

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# Polycom® CX5000 Optimized for use with Microsoft® Lync®

### More productive meetings

Polycom® CX5000 unified conference station adds a cost-effective high definition (HD) enabled unique group voice and video collaboration experience for Microsoft® Lync® environments. Polycom CX5000 unified conference station 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, Polycom CX5000 unified conference station brings the powerful collaboration capabilities of Microsoft 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 unified conference station with little or no training. In a conference room, anyone with a laptop that has Microsoft Lync can simply plug the Polycom CX5000 unified conference station 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 Microsoft 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](http://www.polycom.com/microsoft) to learn more.



### 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



## Product 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: 0.55 kg
- 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% (non-condensing)
- 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 x 6 ft telephone cord
  - 1 x 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 HD 720 p 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® 2013
  - 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)

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Note: 720p video is supported only for point-to-point calls in Microsoft Lync 2010 and Microsoft Lync 2013. Online Meetings are limited to VGA resolution.

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## About Polycom

Polycom is the global leader in open standards-based unified communications and collaboration (UC&C) solutions for voice and video collaboration, trusted by more than 415,000 customers around the world. Polycom solutions are powered by the Polycom® RealPresence® Platform, comprehensive software infrastructure and rich APIs that interoperate with the broadest set of communication, business, mobile and cloud applications and devices to deliver secure face-to-face video collaboration in any environment.

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