Polycom® CX5000

Unified Conference Station

Easily add group video collaboration to Microsoft Office Live Meeting 2007 and Microsoft Office Communications Server 2007.

More Productive Meetings and Fast ROI

The Polycom® CX5000 Unified Conference Station adds a unique group voice and video collaboration experience to Microsoft Office Live Meeting 2007 and Microsoft Office Communications Server 2007, giving remote participants a 360-degree panoramic view of the conference room and video that automatically tracks the flow of conversation for more productive and efficient meetings.

Unique and Engaging Meeting Experience

The Polycom CX5000 solution brings video, voice, and content together through Microsoft Live Meeting 2007 (version 8.0.6362.128 or later required), either as a hosted service or through Microsoft Office Communications Server 2007. A 360-degree panoramic view of the entire room is sent to all far-end participants, providing a continuous view of everyone in the meeting room. In addition, a second 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 so that the active speaker can always be identified. Both of these video views plus the content being shared are all shown on the same screen for remote participants who are connected to the same Live Meeting 2007 session. When used with the Office Communicator 2007 client in an Office Communications Server 2007 environment, the active speaker view is sent to all remote participants, bringing video, voice, and instant messaging into one seamless experience.

Easy to Deploy and Use

An intuitive design with full plug-and-play functionality makes it easy to deploy and use the Polycom CX5000 with little or no training. The Polycom CX5000 is a USB device that easily connects to any PC running the Live Meeting 2007 or Office Communicator 2007 client. In a conference room, anyone with a laptop PC and one of these applications can simply plug the Polycom CX5000 into their PC and start sharing voice, video, and content with remote participants. The remote participants need no additional equipment, just a computer and a network connection, to join the meeting with panoramic and active speaker video.

Polycom and Microsoft Solutions

Polycom offers a full suite of voice and video conferencing and telepresence solutions that interoperate with Office Communications Server 2007. The Polycom CX5000 adds a unique plug-and-play group video experience to this family of solutions. In addition, its integration with Live Meeting 2007 makes it easy for organizations of any size to add voice and video collaboration to multisite meetings

Benefits

▶ Automatically focus on the current speaker while tracking the conversation flow

▶ Fully engage all participants by providing a 360° view of the conference room

▶ Enable a fast ROI by immediately enhancing team collaboration through more effective and faster decision making, improved interaction and lower costs

▶ Set up and conduct meetings easily with simple to use USB plug-and-play features that require little or no training to use

▶ Easily record meetings for playback with synchronized voice, video and content, using Live Meeting 2007

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Polycom CX5000 Specifications

Your infrastructure must include 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
- Camera resolution: 3700 x 600 pixels
- Panoramic video resolution: 1056 x 144 pixels
- Active speaker video resolution
  - CIF: 352 x 288 pixels
  - VGA: 640 x 480 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: 300 Hz - 3.4 kHz in PBX/PSTN mode, 150 Hz - 7.5 kHz when used with Office Communications Server 2007 or Office Live Meeting 2007
  - Volume: Adjustable to 89 dBA SPL (peak) volume at 0.5 meters
- Console Microphones
  - 6 directional microphones, 150 Hz - 3.4 kHz
- Full Duplex (Class 2)

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, 150 Hz - 3.4 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
- EMC
  - CISPR 22 Class A (FCC, ICES, AS/NZS)
  - VCCI Class A
  - EN 55022 Class A
  - EN 55024
- Telecom
  - FCC Part 68
  - IC CS-03
  - AS/ACIF S002 & S004
  - ES 203 021
  - Ordinance No.31
  - ITU-T P.300

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:
- Microsoft Windows® XP, 32-bit with service pack 2 (SP2) or later, or Windows Vista, 32- or 64-bit
- 2.0 GHz or faster processor
- 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

One or both of the following desktop clients are required on computers to which the Polycom CX5000 will be attached:
- Microsoft® Office Communicator 2007 –or Microsoft® Office Communicator 2007 R2 (only Active Speaker video is supported)
- Microsoft® Office Live Meeting 2007 –(software version 8.0.6362.128, or later, is required for panoramic video)

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