

## ▶ Polycom® CX500 IP Phone

Optimized for use with Microsoft® Communications Server “14”—this UC phone is ideal for hallways, break rooms, and lobbies.

The Polycom® CX500 IP phone features embedded Microsoft® Communicator “14” software, allowing it to be seamlessly deployed within Microsoft Communications Server “14” environments. Its clutter free design and large color display for viewing call and directory information provide the ultimate in calling convenience for common areas, such as lobbies, hallways and break rooms.

The CX500 features standard Power over Ethernet (PoE) connectivity and an optional tamper-resistant wall mount providing flexibility and freedom. It also takes full advantage of the new device-only user mode in Communications Server “14” and doesn't require a connection to a PC making it ideal for deployment in public areas.

Featuring Polycom HD Voice™ technology, the CX500 phone brings life-like richness and clarity to every call. Polycom HD Voice technology incorporates Microsoft RTAudio wideband audio with Polycom Acoustic Clarity™ technology for crystal-clear, noise, and echo-free sound; as well as best-in-class system design for high-fidelity voice reproduction.

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.



Coming in Q4 2010

### Benefits

- ▶ **Standalone IP phone for use with Communications Server “14”** – Embedded client does not require a PC to make calls or gain access to general contact information.
- ▶ **Easy Deployment** – Built-in Power over Ethernet, with AC power kit also available
- ▶ **Revolutionary Voice Quality** – Polycom HD Voice™ technology for stunning voice quality and clarity
- ▶ **Unique Collaboration** – Polycom offers the only complete line of integrated voice and visual communications solutions for Microsoft collaboration tools

# Polycom CX500 Preliminary Specifications

## Audio and Acoustic Performance

### Audio—General

- Polycom HD Voice technology (Polycom Acoustic Clarity™ technology, mechanical design and wideband codec support)
- Individual volume settings with visual feedback for each audio path
- Voice activity detection
- Comfort noise fill
- DTMF tone generation/DTMF event RTP payload
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Packet loss concealment
- Background noise suppression
- Cellular Phone Immunity

### Audio—Handset

- Handset Frequency response: 150 – 7kHz
- Compliant with ADA Section 508 Recommendations: Subpart B 1194.23 (all)
- Hearing aid compatible (HAC) for magnetic coupling to approved HAC hearing aids
- Compatible with commercially-available TTY adapter equipment

### Audio—Speaker

- Monitor Only Speaker
- Speaker frequency response, 300 – 7kHz
- Speaker volume, maximum at 1/2 meter peak volume: ≤ 81dB

### CODEC support.

- Microsoft RTAudio technology
- G.722.1
- G.711 (narrowband)(A-law and  $\mu$ -law)

### Power

- Built-in, auto-sensing IEEE 802.3af-2003 Power over Ethernet Class 2 (<6.5W)
- Optional AC power kit

### User Interface

- Display, 3.5" QVGA TFT 24-bit color graphical display, 320 x 240 pixels, with Unicode character capability
- LED backlight with adjustable brightness
- Backlight auto-dim/sleep, wake on noise or key press

### Accessibility

- High contrast UI graphic screen option (software)

### Buttons/keys

- 12-button dial pad, 0 - 9, \*, #
- Volume Up & Volume Down
- 2-way navigation: Up, Down, Select
- Home, Previous
- 2 soft keys + Menu
- Hookswitch for handset
- Mute/unmute
- Speakerphone

### Indicators, LED

- Ringing/In Call/Hold
- Speaker
- Mute

### Connectivity

- 1-port 10/100 Mb Ethernet with POE
- Handset port, RJ-9

### Included Accessories

- Ethernet cable, 7 ft (2m)

### Other

- Wall mountable
- Cable routing for desk or wall
- Fixed position stand
- Security cable lock slot

### Accessories available separately

- AC Power Kit, 5-pack, with 24V PSU and 2m line cord with local plug
- Wall Mount Kit: bracket with ~100mm Ethernet patch cord

### Pre-requisites

- Microsoft® Communications Server "14"

### Physical

- Weight: phone with handset & cord: 786g; packaged, with all included accessories: TBDg
- Dimensions, maximum (d x w x h): phone: 195 x 181 x 179mm; packaged: 297 x 268 x 99 mm

### Operating Conditions:

- Temperature: 0 to +40 degrees C (+32 to 104 degrees F)
- Relative Humidity: +10% to 90%, non-condensing

### Storage Temperature:

- -40 to +70 degrees C (-40 to +160 degrees F)

### Regulatory Certifications

- To be determined

### User Interface Languages

- English
- French
- Spanish
- German
- Italian
- Dutch
- Russian
- Brazilian Portuguese
- Japanese
- Korean
- Simplified Chinese
- Traditional Chinese

\* The above information and specifications are preliminary and subject to change.

