breezeline™
Internet. TV. Voice.

Polycom® VVX® 500 Business Media Phone

Performance 12-line, Gigabit Ethernet IP phone with 3.5" touchscreen display and video capability

Features

- 12-Line Appearances
- 3.5" Color Touchscreen
- Touchscreen Menu Navigation
- HD Voice™ Technology
- Full Duplex Speakerphone
- 2 x Gigabit Ethernet Ports
- 2 x USB Ports
- Supports Expansion Sidecars
- Supports Video Conferencing via USB Camera Accessory
- Record Calls to USB
- Digital Picture Frame

Dedicated Buttons

- Home
- Speaker
- Volume
- Mute

The Polycom® VVX® 500 performance business media phone unifies superior voice capabilities and applications into a simple-to-use, yet high-performance productivity solution, built to integrate seamlessly into a wide range of UC environments.

Simplicity and ease of use

The VVX 500 phone is built for today's busy managers and knowledge workers who need a powerful, expandable office phone that keeps up with their multitasking and schedule juggling. Building on the behavior common to mobile phones, the multi-touch, gesture-based user interface of the VVX 500 phone makes navigation intuitive and easy.

Maximize productivity

Designed for a broad range of environments, from small and medium businesses to large enterprises, the VVX 500 performance business media phone improves productivity by complementing the workplace applications on the user's computer. Training and multipoint communication applications are complemented by the VVX 500 video playback capability for streaming content.

Best-in-class deployment and administration

The VVX 500 phone is easy to deploy and simple to manage. Its enterprise-grade, web-based intuitive configuration method gives administrators the ability to easily set up and maintain a large number of phones throughout the entire enterprise. The built-in, broad interoperability capabilities allow IT departments to leverage previous IT infrastructure investments and achieve easy integration with third-party UC and productivity applications.

Highly customizable and expandable

The VVX 500 phone provides personalized information at a glance, through built-in Web applications and even a digital photo frame. The VVX 500 phone is ready for future expansion modules and accessories for applications such as video conferencing and even wireless networking.

Market-leading open standards interoperability

Designed for enhanced interoperability, leveraging and complementing the other existing IT investments of any enterprise, the VVX 500 phone delivers HD voice, a superior UC experience bundled with business applications.

Polycom® VVX® 500 Product Specifications

User Interface Features

- Gesture-based, multitouch-capable, capacitive touchscreen
- 3.5" TFT LCD display at QVGA (320 x 240) resolution, 4:3 aspect ratio
- Screensaver and digital picture frame mode
- On-screen virtual keyboard
- Voicemail and videomail support[1]
- Dual USB ports (2.0 compliant) for media and storage applications
- WebKit-based browser
- Adjustable base height
- Unicode UTF-8 character support
- Multilingual user interface including Chinese, Danish, Dutch, English (Canada/ US/ UK), French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Slovenian, Spanish, and Swedish

Audio Features

- Polycom® HD Voice™ technology delivers lifelike voice quality for each audio path handset, the hands-free speakerphone, and the optional headset
- Polycom® Acoustic Clarity™ technology providing full-duplex conversations, acoustic echo cancellation and background noise suppression
  - Type 1 compliant (IEEE 1329 full duplex)
- Frequency response: 100 Hz–20 kHz for handset, optional headset and hands-free speakerphone modes
- Codecs: G.711 (A-law and -law), G.729AB, G.722, G.722.1, G.722.1C
- Individual volume settings with visual feedback for each audio path
- Voice activity detection
- Comfort noise generation
- DTMF tone generation (RFC 2833 and in-band)
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Packet loss concealment

Headset and Handset Compatibility

- Dedicated RJ-9 headset port
- Hearing aid compatibility ITU-T P.370 and TIA 504A standards
- Compliant with ADA Section 508 Subpart B 1194.23 (all)
- Hearing aid compatible (HAC) handset for magnetic coupling to hearing aids
- Compatible with commercially-available TTY Adapter equipment
- Support compatible USB Headsets

Safety

- UL 60950-1
- CE Mark
- CAN/CSA-C22.2 No. 60950-1-03
- EN 60950-1
- IEC 60950-1
- AS/NZS60950-1

Operating Conditions

- Temperature: (+32 to 104°F (0 to 40°C)
- Relative humidity: 5% to 95%, non-condensing

Storage Temperature

- -40 to +160°F (-40 to +70°C)

Call Handling Features[2]

- 12 lines (registrations)
- Up to 24 simultaneous calls
- Shared call/bridged line appearance
- Flexible line appearance (one or more line keys can be assigned for each line extension)
- Distinctive incoming call treatment/call waiting
- Call timer and call waiting
- Call transfer, hold, divert (forward), pickup
- Called, calling, connected party information
- Local three-way audio conferencing
- One-touch speed dial, redial
- Remote missed call notification
- Do not disturb function
- Electronic hook switch capable
- Local configurable digit map/dial plan

Open Application Platform

- WebKit enabled full browser that supports HTML5, CSS, SSL security, and JavaScript
- Supports Polycom Apps SDK and API for third-party business and personal applications
- Bundled with Polycom Productivity Suite:
  - Corporate Directory Access using LDAP
  - Local Voice Call Recording on USB flash drive
  - Visual Conference Management

Networking and Provisioning

- SIP Protocol Support
- SDP
- IETF SIP (RFC 3261 and companion RFCs)
- Two-port Gigabit Ethernet switch
  - 10/100/1000Base-TX across LAN and PC ports
  - Conforms to IEEE802.3-2005 (Clause 40) for physical media attachment
  - Conforms to IEEE802.3-2002 (Clause 28) for link
- Partner auto-negotiation
- Manual or dynamic host configuration protocol
- (DHCP) network setup
- Time and date synchronization using SNTP
- FTP/TFTP/HTTP/HTTPS server-based central provisioning for mass deployments
- Provisioning and call server redundancy supported[1]
- QoS Support—IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DSCP
- VLAN—CDP, DHCP VLAN discovery, LLDP-MED for VLAN discovery
  - Network Address Translation (NAT) – support for static configuration and "Keep-Alive" SIP signaling
- RTCP and RTP support
- Event logging
- Syslog
- Local configurable digit map/dial plan
- Hardware diagnostics
- Status and statistics reporting
- IPv4
- TCP
- UDP
- DNS-SRV

Polycom VVX 500 Comes With

- Polycom VVX 500 console
- Handset with handset cord
- Network (LAN) cable
- Quick Start Guide

Size

- 7.5 x 6 x 7 in (19 x 15 x 18 cm) (W x H x D)

Part Numbers

- 2200-44500-025 – WW PoE

Weight

- Unit weight: 2.0 lbs (0.9 kg)

Unit Box Dimensions/Weight

- 14 x 10 x 5 in
- 3.1 lbs (1.4 kg)

Security

- 802.1X Authentication and EAPOL
- Media encryption via SRTP
- Transport Layer Security (TLS)[3]
- Encrypted configuration files[3]
- Digest authentication
- Password login
- Support for URL syntax with password for boot server address[3]
- HTTPS secure provisioning[3]
- Support for signed software executables[3]

Power

- Built-in auto sensing IEEE 802.3at Power Over Ethernet (Class 4)
- Energy-saving smart motion detector enables the screen to go into power-save mode when no one is in the office
- External Universal AC Adaptor (optional, 48V 380mA DC)

Approvals

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- VCCI Class B
- EN55024
- EN61000-3-2; EN61000-3-3
- NZ Telepermit
- Korea KC
- UAE TRA
- Russia GOST-R
- Brazil ANATEL
- Australia A&C Tick
- South Africa ICASA
- China CCC3
- South Africa ICASA
- Saudi Arabia CITC

Master Carton Quantity

- Five (5)

Country of Origin

- China

Warranty

- One (1) year

---

1 Most software-enabled features and capabilities must be supported by the server. Please contact your IP PBX/Softswitch vendor or service provider for a list of supported features.

2 To enjoy all the benefits of Polycom HD Voice when using the phone in the headset mode, you must use a wideband headset.

3 Planned future compliance.

breezeline.com/business