

POLYCOM® VVX® 500/501

A PERFORMANCE BUSINESS MEDIA PHONE THAT
DELIVERS BEST-IN-CLASS DESKTOP PRODUCTIVITY AND
UNIFIED COMMUNICATIONS FOR BUSY PROFESSIONALS

BENEFITS

- Improves knowledge-worker productivity
- Reduces training time through superior calling features in a sleek design and simple-to-use phone
- Cuts telephony administration and maintenance costs
- Leverages previous IT infrastructure investments
- Easy to deploy, administer, upgrade, and maintain



The Polycom® VVX® 500/501 performance business media phone unifies superior voice capabilities and applications into a simple-to-use, yet high performance unified communications (UC) solution. It is the ideal, all-in-one knowledge worker productivity tool, built to integrate seamlessly into a wide range of UC environments.

SIMPLICITY AND EASE OF USE

The Polycom VVX 500/501 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 Polycom VVX 500/501 phone makes navigation intuitive and easy.

BEST-IN-CLASS DEPLOYMENT AND ADMINISTRATION

The Polycom VVX 500/501 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.

HIGHLY CUSTOMIZABLE AND EXPANDABLE

The Polycom VVX 500/501 phone provides personalized information at a glance, through built in Web applications and even a digital photo frame. Polycom's "My Info Portal" serves up stocks, news, sports, weather, and other streamed content directly to the phone screen. The Polycom VVX 500/501 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 Polycom VVX 500/501 phone delivers HD voice, a superior UC experience bundled with business applications. With the broadest call server interoperability in the industry, the Polycom VVX 500/501 business media phone is a flexible foundation for any organization's unified communications strategy.

POLYCOM VVX 500/501 SPECIFICATIONS

User Interface Features

- Gesture-based, multitouch-capable, capacitive touchscreen
- 3.5-in TFT LCD display at QVGA (320x240 pixel) resolution, 4:3 aspect ratio
- Screensaver and digital picture frame mode
- On-screen virtual keyboard
- Voicemail and videomail support¹
- 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 life-like 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 μ -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

Call Handling Features¹

- 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

Network 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 supported¹
- 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

Security

- Digest authentication
- Password login
- Support for signed software executables

Power

- Built-in auto sensing IEEE 802.3 at 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
- Saudi Arabia CITC

Safety

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

Operating Conditions

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

Storage Temperature

- -40 to +160°F (-40 to +70°C)

Polycom® VVX® 500/501 comes with

- Polycom VVX 500/501 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

- 2200-44500/501-025—WW PoE

Weight

- Unit weight: 2.0 lbs (0.9 kg)

Unit Box Dimensions/Weight

- 12 x 9 x 5 in
- 3.1 lbs (1.4 kg)

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