Polycom® VVX® 400 Series of Business Media Phones

A color mid-range business media phone for today's office workers and call attendants delivering crystal clear communications

BENEFITS

- Improve productivity for office staff and knowledge worker's via an intuitive larger, color display and easy to use line appearances

- Make more efficient and productive calls with the unparalleled voice clarity of Polycom® HD Voice™

- Reducedeploymentand maintenance costs—the Polycom Zero Touch Provisioning and web based configuration tool makes the VVX 400 simple to deploy, easy to administer, upgrade, and maintain

- Leverage previous IT infrastructure investments—deploy VVX 400 business media phones on your existing network without needing to upgrade your call control platform

- Easily integrate with third-party UC and productivity applications for broad, standards-based, open APIs

Call for Assistance:
206-687-9628

The Polycom® VVX® 400 is an expandable color business media phone that delivers crystal clear communications enhanced collaboration and personal productivity.

Simplicity and ease of use
The VVX 400 phone brings high-quality, cost effective solution to front line staff handling moderate volume of calls through advanced UC telephony features. The intuitive color user interface of the VVX 400 makes navigation easy and requires minimal training.

Unsurpassed voice quality and clarity
The VVX 400 delivers breakthrough Polycom® HD Voice™ quality for life-like conversations, while minimizing fatigue making calls more efficient and productive.

Maximize productivity
Give your front line staff the best experience with this high quality twelve line color business media phone. The VVX 400 improves personal productivity by complementing the workplace applications on the computer. Users can view and manage their Microsoft Exchange Calendars, receive meeting reminders and alerts, access the corporate directory and Instant Messaging/presence status right on their phone display, even while waiting for their PC to boot. They can also extend their PC's desktop to include the VVX 400 phone's screen for mouse/keyboard navigation and interaction.

Best-in-class deployment and administration
The VVX 400 phone is easy to deploy and simple to manage. Using an enterprise-grade, web-based, configuration method allows administrators to easily provision and maintain even a small number of phones throughout the entire organization.

Customizable and expandable
The VVX 400 phone provides personalized information at a glance, through built-in web applications and custom backgrounds. The VVX 400 phone also comes ready for future expansion modules as your users' need and business grows.

Market-leading open standards interoperability
Designed for enhanced interoperability, the VVX 400 leverages and complements the other existing IT investments in your business. With the broadest call server interoperability in the industry, the Polycom VVX 400 mid-range business media phone can become the flexible and future-proof foundation for any organization's unified communications strategy.

net2phone

Polycom VVX 400

Product specifications

User interface features
- Backlit 3.5" color LCD (320 x 240) resolution
- Voicemail support[2]
- 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[1]
- Polycom® Acoustic Clarity™ technology providing full-duplex conversations, acoustic echo cancellation and background noise suppression
  - Type 1 compliant (IEEE 1329 full duplex)
- Frequency response – 150 Hz – 7 kHz for handset, optional headset and hands-free speakerphone modes
- Codecs: G.711 (A-law and µ-law), G.729AB, G.722.1, G.722.1C, iLBC
- 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 to 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

Safety
- UL 60950-1
- CE Mark
- CAN/CSA C22.2 No 60950-1
- EN 60950-1
- IEC 60950-1
- AS/NZS 60950-1
- ICASA (add)
- CITC (add)

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

Storage temperature
- -40 to +70°C (-40 to +160°F)

Unit box dimensions
- 12 x 8.25 x 4.25 in
- 3.1 lbs (1.4 kg)

Call Handling Features[2]
- 12 lines (programmable line keys)
- Shared call/bridged line appearance
- Busy Lamp Field (BLF)
- 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 UC Software:
  - Corporate Directory Access using LDAP
  - Visual Conference Management

Network and provisioning
- SIP Protocol Support
- SDP
- IETF SIP (RFC 3261 and companion RFCs)
- Two-port Gigabit Ethernet switch
  - 10/100Base-TX across LAN and PC Ports
  - 1000Base-TX available on VVX410
  - 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[2]
- QoS Support – IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DHCP
- 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
- Hardware diagnostics
- Status and statistics reporting
- IPv4
- TCP
- UDP
- DNS-SRV

Polycom® VVX® 400 comes with
- VVX 400 console • Handset with handset cord
- Network (LAN) Cable - CAT-5E
- Quick Start Guide
  - A ferrite clamp is included in the box
  - Open Source OFFER is included in the box

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

Power
- Built-in auto sensing IEEE 802.3 af Power over Ethernet (Class 2)
- Energy-saving after hours mode
- External Universal AC Adapter (optional), 48VDC; 12W

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[3]
- UAE TRA
- Russia GOST-R[3]
- Brazil ANATEL[3]
- Australia A & C Tick
- ROHS compliant

Size
- 7.5 x 6 x 7 in (19 x 15 x 18 cm) (W x H x D) Part numbers
- 2200-46157-025 – VVX 400 WW PoE
- 2200-46162-025 – VVX 410 WW PoE

Weight
- 2.0 lbs (0.9 kg)

Master carton quantity
- Ten (10)

Country of origin
- China

Warranty
- One (1) year

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