Polycom® VVX® 300 and 310 Business Media Phones

Powerful entry-level business media phones for today's cubicle workers handling a low to moderate volume of calls delivering crystal clear communications

The Polycom® VVX®

Simplicity and ease-of-use

The VVX 300 phone brings high-quality, cost effective solutions to any environment through advanced UC features. The intuitive user interface of the VVX 300 makes usability and navigation easy and requires minimal training.

Unsurpassed voice quality and clarity

The VVX 300 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 workers the best experience with this high quality six-line business media phone. The VVX 300 improves personal productivity by complementing the workplace applications on their 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 300 phone's screen for mouse/keyboard navigation and interaction.

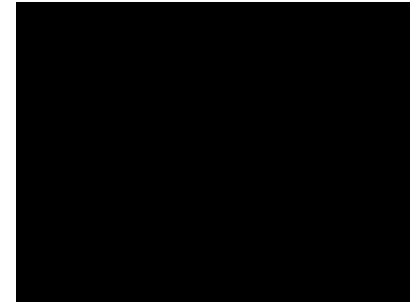## Best-in-class deployment and administration

The VVX 300 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 300 phone provides personalized information at a glance, through built-in web applications and custom backgrounds. The VVX 300 phone also comes ready for future expansion modules as your users' needs and business grows.

Market-leading open standards interoperability

Designed for enhanced interoperability, the VVX 300 leverages and complements the other existing IT investments in your business. With the broadest call server interoperability in the industry, the Polycom VVX 300 entry level business media phone can become the flexible and future-proof foundation for any organization's unified communications strategy.

Benefits

- Improve productivity for cubicle workers and call center operators through an intuitive easy to use user interface

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

- Reduce deployment and maintenance costs—the Polycom Zero Touch Provisioning and web-based configuration tool makes the VVX 300 simple to deploy, easy to administer, upgrade, and maintain

- Leverage previous IT infrastructure investments—deploy VVX 300 business media phones on your existing network without needing to upgrade your call control platform

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

Polycom VVX 300 specifications

User interface features

- Backlit 8-level Grayscale graphical LCD (208 x 104) 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, G.722.1, 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

Call handling features[2]

- 6 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 Ethernet switch
  - 10/100Base-TX across LAN and PC ports (VVX 300)
  - 1000Base-TX available on VVX 310
  - 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

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)
- 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

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)

Polycom VVX 300 comes with:

- VVX 300 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

Size

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

Part numbers

- 2200-46135-025 – VVX300 WW PoE
- 2200-46161-025 – VVX310 WW PoE

Weight

- Unit weight: 2.0 lbs (0.9 kg)

Unit box dimensions

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

Master carton quantity

- Ten (10)

Country of origin

Need flexible financing?

Polycom CAPITAL
Collaborative Financing

www.polycom.com/polycom-capital

About Polycom

Polycom is the global leader in open standards-based unified communications and collaboration (UC&C) solutions for voice and video collaboration, trusted by more than 415,000 customers around the world. Polycom solutions are powered by the Polycom® RealPresence® Platform, comprehensive software infrastructure and rich APIs that interoperate with the broadest set of communication, business, mobile and cloud applications and devices to deliver secure face-to-face video collaboration in any environment.

Polycom, Inc.	Polycom Asia Pacific Pte Ltd	Polycom EMEA
1.800.POLYCOM	+65 6389 9200	+44 (0)1753 723282
www.polycom.com	www.polycom.asia	www.polycom.co.uk