

DATA SHEET

Polycom® VVX® 300, 301, 310, 311 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® 300 Series are expandable business media phones that deliver crystal clear communications, enhanced collaboration and personal productivity.

Simplicity and ease of use

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

Unsurpassed voice quality and clarity

The VVX 300 Series delivers breakthrough Polycom® HD Voice™ quality for lifelike conversations while minimizing fatigue, making calls more efficient and productive.

Maximize productivity

Give your front-line workers the best experience with this high-quality 6-line business media phone. The VVX 300 Series 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 Series screen for mouse/keyboard navigation and interaction.

Best-in-class deployment and administration

The VVX 300 Series 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 large number of phones throughout the entire organization.

Customizable and expandable

The VVX 300 Series provides personalized information at a glance, through built-in Web applications and custom backgrounds. The VVX 300 Series 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 Series 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 UC 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 Series 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 Series specifications

User interface features

- 3.2 in Backlit 8-level Grayscale graphical LCD (208 x 104) resolution
- Voicemail support¹
- 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 headset²
- 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 features¹

- 6 lines (programmable line keys)
- Shared call/bridged line appearance
- Busy Lamp Field (BLF)
- Flexible line appearance (1 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 3-way audio conferencing
- 1-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 supported¹
- QoS Support – IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS and Diffserv/DSCP
- VLAN - CDP, DHCP VLAN discovery, LLDP-MED for VLAN discovery
 - Network address translation support for static configuration and “keep-alive” SIP signaling
- RTCP and RTP support
- Event logging
- Syslog
- Hardware diagnostics
- Status and statistics reporting
- IPv4 and IPv6

- TCP
- UDP
- DNS-SRV

Security

- 802.1X authentication and EAPOL media encryption via SRTP
- Transport layer security
- 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 802.3af Power over Ethernet (Class 2)
- External Universal AC adapter (optional), 48VDC 0.3A

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 KC³
- UAE TRA⁴
- Russia CU⁴
- Brazil ANATEL⁴
- Australia RCM
- RoHS Compliant

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)
- CITC⁴



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
 - 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

- 2200-48300-025 – VVX 301 WW PoE
- 2200-48350-025 – VVX 311 WW PoE
- 2200-46135-025 – VVX 300 WW PoE
- 2200-46161-025 – VVX 310 WW PoE
- 2200-48300-019 – VVX 301 Skype for Business, POE
- 2200-48350-019 – VVX 311 Skype for Business, POE
- 2200-46135-019 – VVX 300 Skype for Business, POE
- 2200-46161-019 – VVX 310 Skype for Business, POE

Weight

- Unit weight: 2.0 lbs (0.9 kg)

Unit box dimensions

- 11.4 x 7.9 x 3.5 in (29 x 20 x 9 cm)
- 3.1 lbs (1.4 kg)

Master carton quantity

- Ten (10)

Warranty

- One (1) year

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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
 4. Planned future compliance for VVX 301/311.