

Polycom® VVX® 310 Business Media Phone

Powerful 6-line, Gigabit Ethernet
IP phone with backlit LCD display



Features

- 6 Lines
- Backlit LCD Display
- 4-way Navigation Cluster
- HD Voice™ Technology
- Full Duplex Speakerphone
- 2 x Gigabit Ethernet Ports
- Supports Expansion Sidecars

Dedicated Buttons

- Home
- Volume
- Speaker
- Message
- Mute
- Hold
- Headset
- Transfer

The Polycom® VVX® 310 is an expandable business media phone that delivers crystal clear communications, enhanced collaboration and personal productivity.

Simplicity and ease of use

The VVX 310 phone brings high-quality, cost-effective solutions to any environment through advanced UC features. The intuitive user interface of the VVX 310 makes usability and navigation easy and requires minimal training.

Unsurpassed voice quality and clarity

The VVX 310 delivers breakthrough Polycom® HD Voice™ quality for lifelike conversations while minimizing fatigue, making calls more efficient and productive.

Best-in-class deployment and administration

The VVX 310 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

Designed for enhanced interoperability, the VVX 310 leverages and complements the other existing IT investments in your business. With the broadest call server interoperability in the industry, the VVX 310 entry level business media phone can become the flexible and future-proof foundation for any organization's unified communications strategy.

Market-leading open standards interoperability

Designed for enhanced interoperability, the VVX 310 leverages and complements the other existing IT investments in your business. With the broadest call server interoperability in the industry, the VVX 310 entry level business media phone can become the flexible and future-proof foundation for any organization's unified communications strategy.

Polycom® VVX® 301 Product Specifications

User Interface Features

- Backlit 8-level Grayscale graphical LCD (208 x 104) resolution
- Voicemail support²
- 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 headset¹
- 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 inband)
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Packet loss concealment

Call Handling Features²

- 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

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

Open Application Platform

- WebKit enabled full browser that supports HTML5, CSS, SSL security, and JavaScript
- Supports Polycom Apps SDK and API for thirdparty business and personal applications
- Bundled with Polycom US 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
 - 10/100 Base-TX across LAN and PC Ports (VVX 300)
 - Conforms to IEEE802.3-2005 (Clause 40) for Physical Media Attachment
 - Conforms to IEEE802.3-2005 (Clause 28) for link Partner Auto-Negotiation
- Manual or dynamic host configuration protocol (DHCP) network setup
- Time and date synchronization using SNTP
- FTP/FTPS/TFTP/HTTP/HTTPS server-based central provisioning for mass deployments
- Provisioning and call server redundancy supported²
- 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 802.3af Power Over Ethernet (Class 2)
- External Universal AC Adapter (optional) 48VDC; 12W

Polycom® VVX® 310 Comes With

- VVX 310 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

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 TRA
- Russia GOST-R3
- Brazil ANATEL3
- Australia A & C Tick0

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%, non-condensing

Storage Temperature

- -40 to + 70°C (-40 to + 160°F)

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/Weight

- 12 x 8.25 x 4.25 in
- 3.1 lbs (1.4 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.