POLYCOM® VVX® 310/311 BUSINESS MEDIA PHONE

POWERFUL ENTRY-LEVEL BUSINESS MEDIA PHONES FOR TODAY'S CUBICLE WORKERS HANDLING A LOW TO MODERATE VOLUME OF CALLS DELIVERING CRYSTAL CLEAR COMMUNICATIONS

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™

- Leverage previous IT infrastructure investments – deploy VVX 310/311 business media phones on your existing network without needing to upgrade your call control platform

The Polycom® VVX® 310/311 is an expandable business media phone that delivers crystal clear communications, enhanced collaboration and personal productivity.

SIMPLICITY AND EASE-OF-USE

The VVX 310/311 phone brings high-quality, cost effective solutions to any environment through advanced UC features. The intuitive user interface of the VVX 310/311 makes usability and navigation easy and requires minimal training.

UNSURPASSED VOICE QUALITY AND CLARITY

The VVX 310/311 delivers breakthrough Polycom® HD Voice™ quality for life-like conversations while minimizing fatigue making calls more efficient and productive.

BEST-IN-CLASS DEPLOYMENT AND ADMINISTRATION

The VVX 310/311 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 310/311 phone provides personalized information at a glance, through built-in web applications and custom backgrounds. The VVX 310/311 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 310/311 leverages and complements the other existing IT investments in your business.

Business VoiceEdge™

COMCAST BUSINESS PROMISE

COMCAST BUSINESS B4B™

POLYCOM VVX 310/311 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 handsfree 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

Network and Provisioning
- SIP Protocol Support
- SDP
- IETF SIP (RFC 3261 and companion RFCs)
- Two-port Ethernet switch
  - 1000Base-TX available on VVX 310/311
  - 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
- Digest authentication
- Password login
- 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 310/311 Comes With:
- VVX 310/311 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
- 2200-46161-025 – VVX310/311 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
- 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