



**101 VOICE**  
RELIABLE BUSINESS COMMUNICATIONS  
AN IT MANAGEMENT CORPORATION BRAND

# Polycom VVX 310

Entry-level business media phone for your lobby or cubicle



HD 



## Overview

The Polycom VVX 310 is a 6-line desk phone, suitable for daily operation in offices or cubicles. It's a high-caliber, economical product delivering progressive unified communications features.

With HD Voice technology, you gain the call clarity you desire to ensure every discussion is a productive use of time. We've all squandered time on calls with awful quality, that could've been beneficial had we been able to make out each word. You won't have that obstacle with the VVX 410.

And with Gigabit speed potential, the VVX 410 can keep pace with the IT progression in your office and continue serving your team with exceptional media quality, including high-definition audio.

## Key Features

### Backlit LCD Display

A simple user interface is vital for user productivity. The VVX 310 is easy to read and navigate, even in dimly lit areas. Your team will appreciate it.

### HD Voice

Get more out of your conversations with HD Voice quality for crisp and clear conversations. Excellent communication is a must in today's fast-paced business environment.

### Gigabit Ethernet

Gigabit ethernet gives you more bandwidth, which means better performance, less congestion, and most importantly, less frustration.

### 6 SIP Lines

Higher call volume than normal? No problem. It's got 6 lines to easily handle it. You'll always be prepared.

# Features and Specifications

## User Interface Features

- Backlit 8-level Grayscale graphical LCD (208 x 104) resolution
- Voicemail support
- 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 headset
- 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
- Coders: G.711 (A-law and  $\mu$ -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

## Power

- Built-in auto sensing IEEE 802.3af Power over Ethernet (Class 2)
- External Universal AC adapter (optional), 48VDC 0.3A

## Call Handling Features

- 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

## 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

## 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

## Network and Provisioning

- SIP Protocol Support
- SDP
- IETF SIP (RFC 3261 and companion RFCs)
- Two-port Ethernet switch
  - 1000Base-TX
  - 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
- 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 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

## 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
- UAE TRA
- Russia CU
- Brazil ANATEL
- Australia RCM
- RoHS Compliant

## Warranty

- 1 year