

Polycom VVX 410

Midrange business media phone with color LCD display



101 VOICE
RELIABLE BUSINESS COMMUNICATIONS



Overview

The Polycom VVX 410 is a 12-line desk phone with a color LCD display, ideal for the cubicle or office worker. The large, color display makes the phone easy to quickly navigate, helping to boost user productivity.

With HD Voice technology, you get the call clarity you need to make sure each conversation is time well spent. We've all wasted time on calls with bad quality, that could have been productive had we been able to hear every word. You won't have that issue with the VVX 410.

You also won't have the bandwidth issues that go along with slow ethernet speed capability. Built to handle up to a Gigabit per second, it gives you the performance you need to focus on your work without interruption.

Key Features

Color LCD Display

The beautiful display of the VVX 410 awakens your imagination with rich, crystal clear media for communication that's anything but ordinary.

Gigabit Ethernet

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

HD Voice

Get more out of your communications with HD Voice quality for crisp and clear conversations.

12 SIP Lines

Higher call volume than normal? No problem. It's got 12 lines to easily handle it.

Features and Specifications

User Interface Features

- Backlit 3.5 in color LCD (320 x 240) resolution
- Voicemail support
- WebKit-based browser
- Adjustable base height
- Single USB port (2.0 compliant) for media and storage applications
- 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
- Codecs: G.711 (A-law and μ -law), G.729AB, 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 handset for magnetic coupling to hearing aids
- Compatible with commercially available TTY adapter equipment

Call Handling Features

- 12 lines (programmable line keys)
- Shared call/bridged line appearance
- Busy lamp field
- Flexible line appearance (1 or more line keys can be assigned for each line extension)
- Supports compatible USB headsets
- 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
 - Local voice call recording on USB flash drive

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
- CITC

Network & Provisioning

- SIP protocol support
- SDP
- IETF SIP (RFC 3261 and companion RFCs)
- Two-port gigabit Ethernet switch
 - 10/100Base-TX across LAN and PC Ports
 - 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 KC3
- UAE TRA
- Russia CU
- Brazil ANATEL3
- Australia RCM
- ROHS compliant

Power

- Built-in auto-sensing IEEE 802.3af
- Power over Ethernet
- Energy-saving after-hours mode
- External universal AC adapter (optional), 48VDC 0.3A

Warranty

- 1 year