

## DATA SHEET

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# Polycom® VVX® 150 Business IP Phone

## Two-line, entry-level IP desk phone

The Polycom® VVX® 150 business IP desk phone is a high quality, two-line, IP phone that delivers reliable performance and an enterprise grade sound quality. It is ideal for home offices or shared/common areas, such as lobbies, hallways and break rooms or for any location that needs simple and reliable voice connectivity.

### Industry's best audio

The VVX 150 offers both Polycom® HD Voice™ and Polycom® Acoustic Fence™ technologies. Together, they dramatically improve the most important component of the VVX experience—voice clarity.

HD Voice delivers superior, high definition sound quality through industry leading, advanced voice processing capabilities. The Polycom's exclusive Polycom Acoustic Fence technology keeps business conversations free from extraneous noises, echoes and distractions.

### Easy-to-use, simple voice communications experience

The Polycom VVX 150 is a dependable Business IP phone, that is intuitive for end users. The Polycom VVX 150 has a simple, practical design. Its modern, intuitive navigation makes it easy to use and requires minimal training, resulting in rapid adoption.

### Easy deployment and administration

The Polycom VVX 150 integrates seamlessly into a wide range of UC environments. The enterprise-grade, web-based configuration tool makes the installation of the VVX 150 a breeze, allowing administrators to easily provision large numbers of phones throughout the entire organization. The VVX 150 phones are easy to deploy and administer for Service Providers and IT staff via broad, standards based, open APIs.



### Benefits

- Crystal clear HD audio performance—so you can hear every conversation detail
- 2.5" graphical, backlit monochrome LCD display offering visual information at a glance
- Two 10/100 ethernet ports offer cost savings
- Integrates with more than 60 industry leading call control platforms
- Web-based configuration tool makes the VVX 150 phones easy to administer, a breeze to upgrade and maintain throughout their entire lifecycle

## Product specifications

### User interface features

- 2.5" graphical backlit monochrome LCD (132x64 pixel resolution)
- Voicemail support
- Reversible deskstand/wallmount
- 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

### Feature keys

- 4 context-sensitive "soft" keys
- 2 line keys with bi-color (red/green) LED "Home" feature key
- 4-way navigation key cluster with center "Select" key
- 2 volume control keys
- Dedicated keys:
  - Back and Home
  - Hold and Transfer
  - Headset
  - Hands-free speakerphone
  - Microphone Mute

### Audio features

- Polycom® Acoustic Clarity™ technology providing full-duplex conversations, acoustic echo cancellation and background noise suppression
- TIA-920 Wideband Audio
- Type 1 compliant (IEEE 1329 full duplex)
- Frequency response—150 Hz—7 kHz for hands-free speakerphone, handset and optional headset mode
- Codecs: G.711 (A-law and  $\mu$ -law), G.729AB, G.722 (HD Voice), 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 SIP identity (registration)/ 2 programmable line keys
- Shared call/bridged line appearance
- Flexible line appearance (one or two line keys can be assigned for each registration)
- 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

### Open application platform

- 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
- 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 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 (NAT)—support for static configuration and
- "Keep-Alive" SIP signaling
- RTCP and RTP support

- Event logging
- Syslog
- Hardware diagnostics
- Status and statistics reporting
- TCP
- UDP
- DNS-SRV
- IPv4 and IPv6

### 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, 5.0 W (Max)
- External Universal AC/DC Adapter (optional) 5VDC @ 3A (15W)
- ENERGY STAR® rated

### Approvals

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55032 Class B
- CISPR32 Class B
- VCCI Class B
- EN55024
- EN61000-3-2; EN61000-3-3
- NZ Telepermit
- Korea KCC<sup>3</sup>
- UAE TRA
- Russia CU<sup>3</sup>
- Brazil ANATEL<sup>3</sup>
- Australia RCM
- South Africa ICASA<sup>3</sup>
- Saudi Arabia CITC
- China CCC<sup>3</sup>
- RoHS Compliant

### Safety

- UL 60950-1/62368-1
- CE Mark
- CAN/CSA C22.2 No 60950-1/62368-1-1
- EN 60950-1/62368-1
- IEC 60950-1/62368-1
- AS/NZS 60950-1

#### 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® 150 comes with

- Console
- Handset with handset cord
- Network (LAN) cable—CAT-5E
- Desk Stand/Wall Mount Bracket
- Setup Sheet

#### Size

- 24cm x 23cm x 5.7cm WxHxD
- 9.5in x 10in x 2.2in WxHxD

#### Part numbers

- 2200-48810-025—VVX 150 WW PoE

#### Weight

- Carton weight: 0.890kg (1.962 lbs)

#### Master carton quantity

- Ten (10)

#### Warranty

- One (1) year

#### Learn more

To learn more about VVX, visit <http://www.polycom.com/voice-conferencing-solutions/desktop-ip-phones.html>.

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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. Available in future UC Software release
  3. Planned compliance and localization