



GO PRO WITH TWELVE LINES

BENEFITS

- Conversations stay on track. Hear every nuance with industry-leading sound quality featuring Poly HD Voice
- Eliminate distracting background noise at the source with exclusive award-winning Poly Acoustic Fence technology
- With the Obi Edition VVX, every pixel can be customized to reflect a corporate brand, color or image
- Easy deployment and administration with web-based management tools and zero-touch provisioning

POLY VVX 450 IP PHONE - OBI EDITION

More lines—more contacts at your fingertips. Feel in command of your day with this high quality, color, twelve-line phone that gets the job done without distracting background noise. Be confident that your conversations will always sound great on Google Voice and other selected cloud VoIP platforms. IT will appreciate robust provisioning and management capabilities that take the headache out of telephony deployment and support. Need even more lines? The optional VVX EM50 expansion module puts them right where you need them.

- 12 line keys with a 4.3 inch color LCD display (480 x 272 pixels)
- Crystal clear sound with Poly HD Voice and Poly Acoustic Clarity
- Full duplex speakerphone with world-class echo cancellation
- Easy to install anywhere with optional Poly Wi-Fi USB accessory
- Headset options to suit any style (USB, RJ9, EHS ports)

POLY VVX 450 IP PHONE - OBI EDITION



SPECIFICATIONS

USER INTERFACE FEATURES

- 4.3" color LCD (480x272 pixel resolution)
- Adjustable base height
- Unicode UTF-8 character support
- Two USB ports (2.0 compliant) for Plantronics USB headsets or Wi-Fi 5G dongle
- 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

- Poly HD Voice delivers lifelike voice quality for each audio path, handset, hands-free speakerphone, and optional headset.
- Poly Acoustic Clarity provides 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 handset, optional headset and handsfree speakerphone modes
- Codecs: G.711 (A-law and μ -law), G.729AB, G.722 (HD Voice), iLBC, OPUS
- 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

- 12 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
- OBi XML applications
- Corporate directory access using LDAP

NETWORK AND PROVISIONING

- SIP protocol support
- SDP
- IETF SIP (RFC 3261 and companion RFCs)
- Two-port Gigabit Ethernet switch 10/100/1000Base-TX across LAN and PC ports
- Conforms to IEEE802.3-2005 (Clause 40) for Physical media attachment
- Conforms to IEEE802.3-2002 (Clause 28) for link partner auto-negotiation
- Static or dynamic host configuration protocol (DHCP) network setup
- Time and date synchronization using SNTP
- TFTP/HTTP/HTTPS server-based central provisioning for mass deployments
- call server redundancy supported¹
- QoS Support—IEEE 802.1p/Q tagging
- (VLAN), Layer 3 TOS,
- DHCP VLAN discovery, LLDP-MED for VLAN discovery
- Network address translation support for static configuration and "keep-alive"
- 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
- HTTPS secure provisioning
- Support for signed software executables

POWER

- Built-in auto sensing IEEE 802.3af power over Ethernet (Class 0) 13W (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
- UAE TRA

- Russia CU
- Brazil ANATEL
- Australia RCM
- South Africa ICASA
- Saudi Arabia CITC
- Indonesia SDPPI
- S.Korea KC
- Mexico NOM ANCE
- RoHS Compliant
- TAA

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 450 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 NUMBER

- 2200-48842-025 OBi Edition VVX 450 PoE

WEIGHT

- Carton weight
 - 1.043kg (2.23 lbs)

MASTER CARTON QUANTITY

- Ten (10)

WARRANTY

- One (1) year

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.

LEARN MORE

For more information on Poly VVX 450 IP Phone - OBi Edition visit

www.poly.com/us/en/products/phones