

## Polycom OBi Edition VVX 450 12-line Desktop Business IP Phone



Product Name: Polycom OBi Edition VVX 450 12-line Desktop Business IP Phone

Manufacturer: Polycom / Poly

Model Number: 2200-48842-025

Polycom OBi Edition VVX 450 12-line Desktop Business IP Phone

The Polycom VVX 450 is a high-quality, twelve-line, color display and high-performance IP phone for businesses of all sizes and is ideal for executives and upper management.

Polycom VVX 450 Key Features

- HD Voice and Polycom Acoustic Fence
- Built-in Customisation
- 4.3" Colour Display
- Two Gigabit Ethernet ports
- USB Port
- Web-based configuration tool
- Unparalleled Flexibility
- Intuitive User Interface
- Easy deployment and administration

Polycom VVX 450 Technical Specification  
User Interface Features

- 4.3" colour 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

Audio Features

- Polycom HD Voice delivers lifelike voice quality for each audio path, handset, hands-free speakerphone, and optional headset.
- Polycom 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  $\mu$ -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

## Polycom OBi Edition VVX 450 12-line Desktop Business IP Phone

• 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 synchronisation using SNTP
- TFTP/HTTP/HTTPS server-based central provisioning for mass deployments
- Call server redundancy supported
- 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

## Polycom OBi Edition VVX 450 12-line Desktop Business IP Phone

- 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<sup>®</sup>; 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 KCC3
- UAE TRA
- Russia CU3
- Brazil ANATEL3
- Australia RCM
- South Africa ICASA3
- Saudi Arabia CITC
- China CCC3
- 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

## Polycom OBi Edition VVX 450 12-line Desktop Business IP Phone

• Desk stand/wall mount bracket  
• Setup sheet

### Size

• 24cm x 23cm x 5.7cm WxHxD (9.5in x 10in x 2.2in WxHxD)

### Weight

• Carton weight: 1.043kg (2.23lbs)

### Warranty

• One (1) year

**Price: £168.10**

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