

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

ï¿1/2 HD Voice and Polycom Acoustic Fence

� Built-in Customisation

� 4.3" Colour Display

� Two Gigabit Ethernet ports

تز½ USB Port

� Web-based configuration tool

ï¿⅓ 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

ī¿½ Two USB ports (2.0 compliant) for Plantronics USB headsets or Wi-Fi 5G dongle

ï¿⅓ Multilingual user interface

Audio Features

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

 $\ddot{i}_{\dot{c}}$ Polycom Acoustic Clarity provides full-duplex conversations, acoustic echo cancellation and background noise suppression.

า๊ะ่ 1/2 TIA-920 wideband audio type 1-compliant (IEEE 1329 full duplex)

าั¿½ 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

ī స్ట్రి Individual volume settings with visual feedback for each audio path

� Voice activity detection

� Comfort noise generation

12/2 DTMF tone generation (RFC 2833 and in-band)

� Low-delay audio packet transmission

ï¿⅓ Adaptive jitter buffers

� Packet loss concealment

Headset and Handset Compatibility

ï¿1/2 Dedicated RJ-9 headset port

T¿1/2 Hearing aid compatibility to ITU-T P.370 and TIA 504A standards

Ti21/2 Compliant with ADA Section 508 Subpart B 1194.23 (all)

� Hearing aid compatible (HAC) handset for magnetic coupling to hearing aids



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17.1/2 Compatible with commercially-available TTY adapter equipment

Call Handling Features

- � 12 lines (programmable line keys)
- ï¿1/2 Shared call/bridged line appearance
- � Busy lamp field (BLF)
- ī¿½ Flexible line appearance (one or more line keys can be assigned for each line extension)
- า๊¿½ Distinctive incoming call treatment/call waiting
- � Call timer and call waiting
- تز½ Call transfer, hold, divert (forward), pickup
- تزير Called, calling, connected party information
- � Local three-way audio conferencing
- ī స్ట్రి 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

- ï¿1/2 SIP protocol support
- ï¿⅓ SDP
- آزٰ IETF SIP (RFC 3261 and companion RFCs)
- Ti21/2 Two-port Gigabit Ethernet switch 10/100/1000Base-TX across LAN and PC ports
- آذِيًّ Conforms to IEEE802.3-2005 (Clause 40) for Physical media attachment
- Ti21/2 Conforms to IEEE802.3-2002 (Clause 28) for link partner auto-negotiation
- آذًا Static or dynamic host configuration protocol (DHCP) network setup
- า๊¿½ Time and date synchronisation using SNTP
- ï¿1/2 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
- Ti21/2 Network address translation support for static configuration and "keep-alive"
- � RTCP and RTP support
- ï¿1/2 Event logging
- آزيٰ Syslog
- � Hardware diagnostics
- ï¿1/2 Status and statistics reporting
- آز½ IPv4
- T¿½ TCP
- UDP ½٪ ت
- آز½ DNS-SRV

Security

- าั¿½ 802.1X authentication and EAPOL media encryption via SRTP
- � Transport layer security (TLS)
- � Encrypted configuration files
- � Digest authentication
- � Password login



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ï¿1/2 HTTPS secure provisioning

ï¿1/2 Support for signed software executables

Power

ī¿½ Built-in auto sensing IEEE 802.3af power over Ethernet (Class 0) 13W (Max)

ī¿1/2 External Universal AC/DC Adapter (optional) 5VDC @ 3A (15W)

� ENERGY STAR® rated

Approvals

ï¿1/2 FCC Part 15 (CFR 47) Class B

� ICES-003 Class B

ï¿1/2 EN55032 Class B

� CISPR32 Class B

� VCCI Class B

� EN55024

� EN61000-3-2; EN61000-3-3

� NZ Telepermit

ï¿⅓ Korea KCC3

ï¿⅓ UAE TRA

ï¿⅓ Russia CU3

آز½ Brazil ANATEL3

ï¿1/2 Australia RCM

ï¿1/2 South Africa ICASA3

ï¿1/2 Saudi Arabia CITC

� China CCC3

� RoHS Compliant

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Safety

� UL 60950-1/62368-1

ï¿⅓ CE Mark

� CAN/CSA C22.2 No 60950-1/62368-1-1

� EN 60950-1/62368-1

ï¿1/2 IEC 60950-1/62368-1

ï¿1⁄2 AS/NZS 60950-1

Operating Conditions

ī¿½ Temperature: 0 to 40°C (+32 to 104°F)

i¿½ Relative humidity: 5% to 95%, noncondensing

Storage Temperature

� -40 to +70° C (-40 to +160° F)

Polycom VVX 450 comes with

ï¿⅓ Console

ï¿1/2 Handset with handset cord

� Network (LAN) cable—CAT-5E



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

ï¿1/2 Desk stand/wall mount bracket

ï¿⅓ Setup sheet

Size

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

Weight

ï¿1/2 Carton weight: 1.043kg (2.23lbs)

Warranty

ï¿⅓ One (1) year

Price: £168.10