

# Polycom VVX 150



## Overview

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.

## Product Highlights

- Crystal clear HD audio performance
- 2.5" graphical, backlit monochrome LCD display
- 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

# Polycom VVX 150

## User Interface Feature

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

## 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

# Polycom VVX 150

## 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

"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

## 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

## 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)

## Comes with:

Console

Handset with handset cord

Network (LAN) cable-CAT-5E

Desk Stand/Wall Mount Bracket

Setup Sheet

# Polycom VVX 150

## 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