# Polycom® VVX® 501 Business Media Phone

Performance business media phone that delivers best-in-class desktop productivity and unified communications for busy professionals

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**The Polycom® VVX® 501** performance business media phone unifies superior voice capabilities and applications into a simple-to-use, yet high-performance unified communications (UC) solution. It is the ideal, all-in-one knowledge worker productivity tool, built to integrate seamlessly into a wide range of UC environments.

• Improves knowledge-worker productivity

• Reduces training time through superior calling features in a sleek design and simple-to-use phone

• Cuts telephony administration and maintenance costs

• Leverages previous IT infrastructure investments

• Easy to deploy, administer, upgrade and maintain

### User interface features

- Gesture-based, multitouch-capable, capacitive touch-screen
- 3.5-in TFT LCD display at QVGA (320 x 240 pixel) resolution, 4:3 aspect ratio
- Screensaver and digital picture frame mode
- On-screen virtual keyboard
- Voicemail support
- Dual USB ports (2.0 compliant) for media and storage applications
- WebKit-based browser
- Adjustable base height
- 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

### Audio features

- Polycom® HD Voice™ technology delivers lifelike voice quality for each audio path- handset, the hands-free speakerphone and the optional headset
- Polycom® Acoustic Clarity™ technology, providing full-duplex conversations, acoustic echo cancellation and background noise suppression Type 1 compliant (IEEE 1329 full duplex)
- Frequency response: 100 Hz–20 kHz for handset, optional headset and hands-free speakerphone modes
- Codecs: G.711 (A-law and μ-law), G.729AB, G.722
- 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 handset for magnetic coupling to hearing aids
- Compatible with commercially available TTY adapter equipment
- Supports compatible USB headsets

### Call handling features

- 12 lines (registrations)
- Up to 24 simultaneous calls
- Shared call/bridged line appearance

- Flexible line appearance (1 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 3-way audio conferencing
- 1-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

- WebKit-enabled full browser that supports HTML5, CSS, SSL security and JavaScript
- Supports Polycom Apps SDK and API for third-party business and personal applications

### Network and provisioning

- Network (LAN) cable - CAT-5E
- 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

### Security

- 802.1X authentication and EAPOL
- Media encryption via SRTP
- Transport layer security
- 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

### Partner auto-negotiation

- Manual or dynamic host configuration protocol (DHCP)
- DHCP network setup
- Time and date synchronization using SNTP
- HTTP/HTTPS server-based central provisioning for mass deployments
- Provisioning and call server redundancy supported1
- QoS Support – IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS and Diffserv/DSCP
- VLAN—CDP, DHCP VLAN discovery, LLDP-

MED for VLAN discovery Network address translation support for static configuration and "Keep-Alive" SIP signaling

- RTCP and RTP support
- Event logging
- Syslog
- Local configurable digit map/dial plan
- Hardware diagnostics
- Status and statistics reporting
- IPv4 and IPv6
- TCP, UDP, DNS-SRV

### Power

- Built-in auto-sensing IEEE 802.3 at Power over Ethernet (Class 4)
- External universal AC adaptor (optional, 48V 0.52A DC)

### Approvals

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- VCCI Class B
- EN55024
- EN61000-3-2; EN61000-3-3
- NZ Telepermit
- Korea KC
- UAE TRA
- Russia CU
- Brazil ANATEL
- Australia RCM
- South Africa ICASA
- China CCC
- Saudi Arabia CITC

### Safety

- UL 60950-1
- CE Mark
- CAN/CSA-C22.2 No. 60950-1-03
- EN 60950-1
- IEC 60950-1
- AS/NZS 60950-1

### Operating conditions

- Temperature: +32 to 104°F (0 to 40°C)
- Relative humidity: 5% to 95%, noncondensing

### Storage temperature

- -40 to +70°C (-40 to +160°F)

### Polycom® VVX® 501 comes with console

- Handset with handset cord
- Network (LAN) cable – CAT-5E
- Quick start guide
- Master carton quantity 5

**Size:** 7.5 x 6 x 7 in (19 x 15 x 18 cm) (W x H x D)