DATA SHEET

Polycom® VVX® 600, 601 Business Media Phones

Premium business media phones delivering best-in-class desktop productivity for busy corporate executives and managers

The Polycom® VVX® 600 Series are premium business media phones designed to enhance collaboration and personal productivity.

Simplicity and ease of use

The Polycom VVX 600 Series is built for executives and managers who need a powerful, yet intuitive, expandable office phone that helps them stay connected to lead your organization. Founded on the behavior common to smartphones and tablets, the intuitive gesture-based, multitouch user interface of the Polycom VVX 600 Series makes navigation easy and requires minimal training. With its combined ergonomic design, Polycom® HD Voice™ quality and a large, high-resolution color, multitouch screen, the Polycom VVX 600 Series business media phone is ideal.

Maximize productivity

Give your executives and managers the best unified communications (UC) experience and the industry's highest-quality business media phone. Designed for a broad range of environments from small and medium businesses to large enterprises, the Polycom VVX 600 Series improves personal productivity by complementing the workplace applications on their computer. Users can view and manage their Microsoft Exchange Calendars, receive meeting reminders and alerts, access the corporate directory and instant messaging/presence status right on their phone display, even while waiting for their PC to boot. They can also extend their PC's desktop to include the Polycom VVX 600 Series screen for mouse/keyboard navigation and interaction.

Best-in-class deployment and administration

The Polycom VVX 600 Series is easy to deploy and simple to manage through the Web-based, intuitive configuration tool. Its enterprise-grade Zero Touch Provisioning and server-based configuration on large-scale deployments as well as our redirection services gives your administrators the ability to easily provision and maintain a large number of phones throughout the entire enterprise. The built-in, broad interoperability capabilities allow IT departments to leverage previous IT infrastructure investments and achieve easy integration with third-party UC and productivity applications.

Highly customizable and expandable

The Polycom VVX 600 Series provides personalized information at a glance, through built-in Web applications and a digital photo frame. Polycom VVX 600 Series users access streaming content using the included video playback feature. The Polycom VVX 600 Series comes ready for future expansion modules and applications such as video-conferencing with the Polycom VVX Camera. The optional Polycom VVX Camera installs in seconds and enables the Polycom VVX 600 Series to connect into video conferences directly from the user's desk, without requiring a costly, dedicated video-conference room.

Benefits

- Improve productivity for executives and managers through larger, color multitouch display and more line appearances
- Make more efficient and productive calls with the unparalleled voice clarity of Polycom® HD Voice™
- Turn your Polycom® VVX® Business Media Phone into a videoconference ready desktop videoconferencing solution with an optional Polycom® VVX® Camera
- Improve workspace mobility through Bluetooth® headset integration
- Reduce deployment and maintenance costs—the Polycom Zero Touch Provisioning and Web-based configuration tool make the Polycom VVX 600 Series simple to deploy, and easy to administer, upgrade and maintain
- Leverage previous IT infrastructure investments—deploy Polycom VVX 600 Series business media phones on your existing network without needing to upgrade your call control platform
- Easily integrate with third-party Web-based UC and productivity applications for broad, standards-based, open APIs

Product specifications

User interface features

- Gesture based, multitouch capable capacitive touch-screen
- 4.3 in LCD (480 x 272) resolution
- 16:9 aspect ratio
- Screen saver and digital picture frame mode
- On-screen virtual keyboard
- Voicemail and videomail support[1]
- Dual USB ports (2.0 compliant) for media and storage applications
- Integrated Bluetooth® 2.1 EDR
- 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™ [2]
- 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, G.722.1, G.722.1C, 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

- Bluetooth® headset pairing (HFP/HSP)
- 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

USB headsets are supported. (See Support site for list of compatible headsets.)

Call Handling Features[2]

- 16 lines (registrations)
- Shared call/bridged line appearance
- Busy lamp field
- 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
- Bundled with Polycom UC Software:
  - Corporate directory access using LDAP
  - Local Voice call recording on USB flash drive
  - Visual conference management

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
- Manual or dynamic host configuration protocol (DHCP) network setup
- Time and date synchronization using SNTP
- FTP/TFTP/HTTP/HTTPS server-based central provisioning for mass deployments
- Support for Polycom Zero Touch Provisioning
- Provisioning and call server redundancy supported[1]
- QoS Support—IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and 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
- Hardware diagnostics
- Status and statistics reporting
- IPv4
- TCP
- UDP
- DNS-SRV

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

Power

- Built-in auto-sensing IEEE 802.3af Power over Ethernet (Class 4). Backwards compatibility with IEEE 802.3af.

Approvals

- Argentina CNC
- South Africa ICASA
- Saudi Arabia CITC
- India TEC
- Japan MIC/VCCI Class B
- Malaysia SIRIM
- Israel MOC
- Singapore IDA
- Taiwan NCC[3]
- Mexico NOM-121
- 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[3]
- Australia RCM
- ROHS compliant
- China CCC[3]

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: 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® 600 comes with

- Polycom VVX 600 console
- Handset with handset cord
- Network (LAN) cable - CAT-5E
- Quick start guide
- External universal AC adaptor (optional, 48V 0.52A DC)

Size (W x H x D)

- 8.5 x 6 x 7 in (21 x 15 x 18 cm)

Part numbers

- 2200-44600-025 – VVX 600 WW PoE
- 2200-44600-019 – VVX 600 Skype for Business, POE
- 2200-48600-025 – VVX 601 WW PoE
- 2200-48600-019 – VVX 601 Skype for Business, POE

Weight

- Unit weight: 2.0 lbs (0.9 kg)

Unit box dimensions/weight

- 11.46 x 7.9 x 3.82 in (29.1 x 20 x 9.7 cm)
- 3.1 lbs (1.4 kg)

Master carton quantity

- 5

Country of origin

- China

Warranty

- 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.
2. To enjoy all the benefits of Polycom® HD Voice™ when using the phone in the headset mode, you must use a wideband headset.
3. Planned future compliance

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About Polycom

Polycom helps organizations unleash the power of human collaboration. More than 400,000 companies and institutions worldwide defy distance with video, voice and content solutions from Polycom. Polycom and its global partner ecosystem provide flexible collaboration solutions for any environment that deliver the best user experience and unmatched investment protection.

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