



DATA SHEET

Polycom® VVX® 101 Business Media Phone

An affordable and reliable single line IP desk phone

The Polycom® VVX® 101 is a simple, yet reliable, one-line SIP phone, with a 10/100 Ethernet port, that delivers enterprise grade sound quality. The VVX 101 phone is a stylish, cost effective telephony solution, ideal for a home office or shared/common areas, such as lobbies, hallways and break rooms or anywhere needing simple and reliable connectivity.

Unsurpassed voice quality and clarity

The VVX 101 full duplex Type 1-compliant speakerphone with legendary Polycom® Acoustic Clarity™ and Polycom® Acoustic Fence™ technology that delivers excellent sound quality and enables noise- and echo-free conversations that are as natural as being there.

Simplicity and ease-of-use

The Polycom VVX 101 comes with a familiar, intuitive user interface with multi-language support that you can use without having to think about the “how to”.

Best-in-class deployment and administration

The VVX 101 phone is engineered to make installation, configuration, and upgrades as simple and efficient as possible. An enterprise-grade, Web- based configuration method allows administrators to easily provision and maintain a large number of phones throughout an organization. Additionally, the extensive administrative feature set included ensures that hosted service providers have the latest technologies to integrate the VVX 101 seamlessly into their existing telephony environment.

Broad and robust interoperability

The VVX 101 is designed for interoperability and is certified to interoperate with the industry’s broadest range of PBX systems and SIP call control platforms.



Benefits

- Use the VVX 101 as a simple, one line phone for home office or shared/common-areas
- Make more efficient and productive calls with unparalleled voice clarity
- Deploy in hosted or premise-based environments
- Reduce deployment and maintenance costs—the Polycom Zero Touch Provisioning and web-based configuration tool makes the VVX 101 simple to deploy, easy to administer, upgrade, and maintain
- Leverage previous IT infrastructure investments—deploy VVX 101 business media phones on your existing network without needing to upgrade your call control platform

Polycom VVX 101 Specifications

User interface features

- 2.5 in Graphical LCD (132 x 64) resolution
- Voicemail support
- Reversible deskstand/wallmount
- Unicode UTF-8 character support. Multilingual user interface including Danish, Dutch, English (Canada/US/UK), French, German, Italian, 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 hold key
- Dedicated headset key
- Dedicated hands-free speakerphone key
- Dedicated microphone mute key

Audio features

- Polycom Acoustic Clarity™ technology providing full-duplex conversations, acoustic echo cancellation and background noise suppression
 - Type 1 compliant (IEEE 1329 full duplex)
- Frequency response – 150 Hz – 7 kHz for hands-free speakerphone and optional headset mode
- 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 (HAC) handset for magnetic coupling to hearing aids
- Compatible with commercially-available TTY adapter equipment

Call handling features¹

- 1 SIP identity (registration)
- Additional programmable line key
- Shared call/bridged line appearance
- Flexible line appearance (one or two line keys can be assigned for phone’s 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 applications²
- Bundled with Polycom UC Software:
 - Corporate Directory Access using LDAP
 - Visual Conference Management

Network and provisioning

- SIP Protocol Support
- SDP
- IETF SIP (RFC 3261 and companion RFCs)
- Single 10/100Base-TX port
- 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 Diffserv/DSCP
- VLAN - CDP, DHCP VLAN discovery, LLDP-MED for VLAN discovery
- Network Address Translation (NAT)– support for static configuration and “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

Power

- Built-in auto sensing IEEE 802.3af Power over Ethernet (Class 1)
- External Universal AC Adapter (optional, 12V 6W 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
- UAE TRA
- Australia RCM
- ROHS compliant
- ICASA
- CITC
- ANATEL³
- Customs Union³
- KCC³
- TAA³
- CCC³

Safety

- UL 60950-1
- CE Mark
- CAN/CSA C22.2 No 60950-1
- 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 101 comes with:

- VVX 101 console
- Handset with handset cord
- Network (LAN) cable - CAT-5E
- Quick Start Guide

Size

- 6.5 x 6 x 7 in (17 x 15 x 18 cm)(W X H X D)

Part numbers

- 2200-40250-025 – VVX 101 WW PoE

Unit weight

- 1.8 lbs (0.8 kg)

Master carton quantity

- Ten (10)

Warranty

One (1) year

Learn more

To learn more about VVX, visit <http://www.polycom.com/voice-conferencing-solutions/desktop-ip-phones.html>

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 Available in future UC Software release

³ Planned compliance and localization

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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DATA SHEET

Polycom® VVX® 201 Business Media Phone

Entry-level Two-line IP phone with HD sound quality and 2 Ethernet ports

The Polycom® VVX® 201 is a simple, yet reliable, two-line IP phone, with two 10/100 Ethernet ports, that delivers enterprise grade sound quality. The Polycom VVX 201 phone is a stylish, cost effective telephony solution, ideal for retail environments, call centers or shared/common areas, such as lobbies, hallways and break rooms or anywhere needing simple and reliable connectivity.

Unsurpassed voice quality and clarity

The VVX 201 features full duplex Type 1-compliant speakerphone with legendary Polycom® HD Voice™ and Polycom® Acoustic Fence™ technology that delivers superior sound quality and enables noise- and echo-free conversations that are as natural as being there.

Simplicity and ease-of-use

The Polycom VVX 201 comes with a familiar, intuitive user interface with multi-language support that you can use without having to think about the “how to”. The phone features a backlit LCD for improved readability.

Best-in-class deployment and administration

The VVX 201 phone is engineered to make installation, configuration, and upgrades as simple and efficient as possible. An enterprise-grade, Web- based configuration method allows administrators to easily provision and maintain a large number of phones throughout an organization. Additionally, the extensive administrative feature set included ensures that hosted service providers have the latest technologies to integrate the VVX 201 seamlessly into their existing telephony environment.

Broad and robust interoperability

The VVX 201 is designed for interoperability and is certified to interoperate with the industry’s broadest range of PBX systems and SIP call control platforms.



Benefits

- Ideal for call centers, retail environments and for shared/common-areas
- Make more efficient and productive calls with Polycom’s HD Voice technology
- Deploy the VVX 201 in hosted or premise-based environments
- Reduce deployment and maintenance costs—the Polycom Zero Touch Provisioning and web-based configuration tool makes the VVX 201 simple to deploy, easy to administer, upgrade, and maintain
- Leverage previous IT infrastructure investments—deploy VVX 201 business media phones on your existing network without needing to upgrade your call control platform

Polycom VVX 201 Specifications

User interface features

- 2.5 in Graphical Backlit LCD (132 x 64) 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 hold key
- Dedicated headset key
- Dedicated hands-free speakerphone key
- Dedicated microphone mute key

Audio features

- Polycom HD Voice technology delivers life-like 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 – 150 Hz – 7 kHz for hands-free speakerphone, handset and optional headset mode
- Codecs: G.711 (A-law and μ -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 features¹

- 2 SIP identities (registrations)
- 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 applications²
- Bundled with Polycom UC Software:
 - Corporate Directory Access using LDAP
 - Visual Conference Management

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 Diffserv/DSCP
- VLAN - CDP, DHCP VLAN discovery, LLDP-MED for VLAN discovery
- Network Address Translation (NAT) – support for static configuration and “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

Power

- Built-in auto sensing IEEE 802.3af Power over
- Ethernet (Class 2)
- External Universal AC Adapter (optional, 12V 6W 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
- UAE TRA
- Australia RCM
- ROHS compliant
- ICASA
- CITC
- ANATEL³
- Customs Union³
- KCC³
- TAA³
- CCC³

Safety

- UL 60950-1
- CE Mark
- CAN/CSA C22.2 No 60950-1
- 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 201 Comes With:

- VVX 201 console
- Handset with handset cord
- Network (LAN) cable - CAT-5E
- Quick Start Guide

Size

- 6.5 x 6 x 7 in (17 x 15 x 18 cm)(W X H X D)

Part Numbers

- 2200-40450-025 – VVX201 WW PoE
- 2200-40450-019 – VVX 201, Skype for Business, POE

Unit weight

- 1.8 lbs (0.8 kg)

Master Carton Quantity

- Ten (10)

Warranty

One (1) year

Learn more

To learn more about VVX, visit <http://www.polycom.com/voice-conferencing-solutions/desktop-ip-phones.html>

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 Available in future UC Software release

3 Planned compliance and localization

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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DATA SHEET

Polycom® VVX® 300, 301, 310, 311 Business Media Phones

Powerful entry-level business media phones for today's cubicle workers handling a low to moderate volume of calls delivering crystal clear communications

The Polycom® VVX® 300 Series are expandable business media phones that deliver crystal clear communications, enhanced collaboration and personal productivity.

Simplicity and ease of use

The VVX 300 Series brings high-quality, cost-effective solutions to any environment through advanced unified communications (UC) features. The intuitive user interface of the VVX 300 Series makes usability and navigation easy and requires minimal training.

Unsurpassed voice quality and clarity

The VVX 300 Series delivers breakthrough Polycom® HD Voice™ quality for lifelike conversations while minimizing fatigue, making calls more efficient and productive.

Maximize productivity

Give your front-line workers the best experience with this high-quality 6-line business media phone. The VVX 300 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 VVX 300 Series screen for mouse/keyboard navigation and interaction.

Best-in-class deployment and administration

The VVX 300 Series is easy to deploy and simple to manage. Using an enterprise-grade, Web-based configuration method allows administrators to easily provision and maintain even a large number of phones throughout the entire organization.

Customizable and expandable

The VVX 300 Series provides personalized information at a glance, through built-in Web applications and custom backgrounds. The VVX 300 Series also comes ready for future expansion modules as your users' needs and business grows.

Market-leading open standards interoperability

Designed for enhanced interoperability, the VVX 300 Series leverages and complements the other existing IT investments in your business. With the broadest call server interoperability in the industry, the Polycom VVX 300 entry-level business media phone can become the flexible and future-proof foundation for any organization's UC strategy.



Benefits

- Improve productivity for cubicle workers and call center operators through an intuitive easy-to-use user interface
- Make more efficient and productive calls with the unparalleled voice clarity of Polycom® HD Voice™
- Reduce deployment and maintenance costs—the Polycom Zero Touch Provisioning and Web-based configuration tool makes the VVX 300 simple to deploy, easy to administer, upgrade, and maintain
- Leverage previous IT infrastructure investments—deploy VVX 300 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

Polycom VVX 300 Series specifications

User interface features

- 3.2 in Backlit 8-level Grayscale graphical LCD (208 x 104) resolution
- Voicemail support¹
- 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 headset²
- Polycom® Acoustic Clarity™ technology providing full-duplex conversations, acoustic echo cancellation and background noise suppression
 - Type 1 compliant (IEEE 1329 full duplex)
- Frequency response – 150 Hz – 7 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, 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 features¹

- 6 lines (programmable line keys)
- Shared call/bridged line appearance
- Busy Lamp Field (BLF)
- 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
 - Visual Conference Management

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 (VVX 300)
 - 1000Base-TX available on VVX 310
 - 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
- 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
- Hardware diagnostics
- Status and statistics reporting
- IPv4 and IPv6

- 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 2)
- External Universal AC adapter (optional), 48VDC 0.3A

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 KC³
- UAE TRA⁴
- Russia CU⁴
- Brazil ANATEL⁴
- Australia RCM
- RoHS Compliant

Safety

- UL 60950-1
- CE Mark
- CAN/CSA C22.2 No 60950-1
- EN 60950-1
- IEC 60950-1
- AS/NZS 60950-1
- ICASA (add)
- CITC⁴

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 300 comes with:

- VVX 300 console
- Handset with handset cord
- Network (LAN) Cable - CAT-5E
- Quick Start Guide
 - A ferrite clamp is included in the box
 - Open Source OFFER is included in the box

Size

- 7.5 x 6 x 7 in (19 x 15 x 18 cm) (W x H x D)

Part numbers

- 2200-48300-025 – VVX 301 WW PoE
- 2200-48350-025 – VVX 311 WW PoE
- 2200-46135-025 – VVX 300 WW PoE
- 2200-46161-025 – VVX 310 WW PoE
- 2200-48300-019 – VVX 301 Skype for Business, POE
- 2200-48350-019 – VVX 311 Skype for Business, POE
- 2200-46135-019 – VVX 300 Skype for Business, POE
- 2200-46161-019 – VVX 310 Skype for Business, POE

Weight

- Unit weight: 2.0 lbs (0.9 kg)

Unit box dimensions

- 11.4 x 7.9 x 3.5 in (29 x 20 x 9 cm)
- 3.1 lbs (1.4 kg)

Master carton quantity

- Ten (10)

Warranty

- One (1) year

Learn more

To learn more about VVX, visit <http://www.polycom.com/voice-conferencing-solutions/desktop-ip-phones.html>.

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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
 4. Planned future compliance for VVX 301/311.

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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DATA SHEET

Polycom® VVX® 400, 401, 410, 411 Business Media Phones

A color midrange business media phone for today's office workers and call attendants delivering crystal clear communications

The Polycom® VVX® 400 Series are expandable color business media phones that deliver crystal clear communications, enhanced collaboration and personal productivity.

Simplicity and ease of use

The VVX 400 Series brings high-quality, cost-effective solutions to front-line staff handling a moderate volume of calls through advanced unified communications (UC) telephony features. The intuitive color user interface of the VVX 400 Series makes navigation easy and requires minimal training.

Unsurpassed voice quality and clarity

The VVX 400 Series delivers breakthrough Polycom® HD Voice™ quality for lifelike conversations while minimizing fatigue, making calls more efficient and productive.

Maximize productivity

Give your front-line staff the best experience with this high-quality, 12-line color business media phone. The VVX 400 Series improves personal productivity by complementing the workplace applications on the 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 VVX 400 Series screen for mouse/keyboard navigation and interaction.

Best-in-class deployment and administration

The VVX 400 Series is easy to deploy and simple to manage. Using an enterprise-grade, Web-based configuration method allows administrators to easily provision and maintain even a large number of phones throughout the entire organization.

Customizable and expandable

The VVX 400 Series provides personalized information at a glance, through built-in Web applications and custom backgrounds. The VVX 400 Series also comes ready for future expansion modules as your users' needs and business grows.

Market-leading open standards interoperability

Designed for enhanced interoperability, the VVX 400 Series leverages and complements the other existing IT investments in your business. With the broadest call server interoperability in the industry, the Polycom VVX 400 Series midrange business media phone can become the flexible and future-proof foundation for any organization's UC strategy.



Benefits

- Improve productivity for office staff and knowledge workers via an intuitive larger, color display and easy-to-use line appearances
- Make more efficient and productive calls with the unparalleled voice clarity of Polycom® HD Voice™
- Reduce deployment and maintenance costs—the Polycom Zero Touch Provisioning and Web-based configuration tool makes the VVX 400 Series simple to deploy, and easy to administer, upgrade and maintain
- Leverage previous IT infrastructure investments—deploy VVX 400 Series business media phones on your existing network without needing to upgrade your call control platform
- Easily integrate with third-party UC and productivity applications for broad, standards-based, open APIs
- Single USB port (2.0 compliant) for media and storage applications (VVX 401 / VVX 411 only)

Polycom VVX 400 specifications

User interface features

- Backlit 3.5 in color LCD (320 x 240) resolution
- Voicemail support¹
- WebKit-based browser
- Adjustable base height
- Single USB port (2.0 compliant) for media and storage applications
- 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 headset²
- Polycom® Acoustic Clarity™ technology. Providing full-duplex conversations, acoustic echo cancellation and background noise suppression
 - Type 1 compliant (IEEE 1329 full duplex)
- Frequency response – 150 Hz – 7 kHz for handset, optional headset and hands-free speakerphone modes
- Codecs: G.711 (A-law and μ -law), G.729AB, G.722.1, 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 handset for magnetic coupling to hearing aids
- Compatible with commercially available TTY adapter equipment

Call handling features¹

- 12 lines (programmable line keys)
- Shared call/bridged line appearance
- Busy lamp field
- Flexible line appearance (1 or more line

keys can be assigned for each line extension)

- Supports compatible USB headsets
- 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
 - Visual conference management
 - Local voice call recording on USB flash drive

Network and provisioning

- SIP protocol support
- SDP
- IETF SIP (RFC 3261 and companion RFCs)
- Two-port gigabit Ethernet switch
 - 10/100Base-TX across LAN and PC Ports
 - 1000Base-TX available on VVX410
 - 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
- 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
- Hardware diagnostics
- Status and statistics reporting
- IPv4 and IPv6
- 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
- Energy-saving after-hours mode
- External universal AC adapter (optional), 48VDC 0.3A

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 KC³
- UAE TRA
- Russia CU
- Brazil ANATEL³
- Australia RCM
- ROHS compliant

Safety

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

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 400 comes with:

- VVX 400 console
- Handset with handset cord
- Network (LAN) cable - CAT-5E
- Quick start guide
 - A ferrite clamp is included in the box
 - Open source OFFER is included in the box

Size

- 7.5 x 6 x 7 in (19 x 15 x 18 cm) (W x H x D)

Part Numbers

- 2200-48400-025 – VVX 401 WW PoE
- 2200-48450-025 – VVX 411 WW PoE
- 2200-46157-025 – VVX 400 WW PoE
- 2200-46162-025 – VVX 410 WW PoE
- 2200-48400-019 – VVX 401 Skype for Business, POE
- 2200-48450-019 – VVX 411 Skype for Business, POE
- 2200-46157-019 – VVX 400 Skype for Business, POE
- 2200-46162-019 – VVX 410 Skype for Business, POE

Weight

- 2.0 lbs (0.9 kg)

Unit box dimensions

- 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

- 10

Warranty

- 1 year

Learn more

To learn more about VVX, visit <http://www.polycom.com/voice-conferencing-solutions/desktop-ip-phones.html>

-
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

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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DATA SHEET

Polycom® VVX® 500, 501 Business Media Phones

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

The Polycom® VVX® 500 Series performance business media phones unify 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.

Simplicity and ease of use

The Polycom VVX 500 Series phone is built for today's busy managers and knowledge workers who need a powerful, expandable office phone that keeps up with their multitasking and schedule-juggling. Building on the behavior common to mobile phones, the multitouch, gesture-based user interface of the Polycom VVX 500 makes navigation intuitive and easy.

Maximize productivity

Designed for a broad range of environments from small and medium businesses to large enterprises, the Polycom VVX 500 Series performance business media phone improves productivity by complementing the workplace applications on the user's computer. Users benefit from such capabilities as viewing their Outlook calendar on the phone and receiving meeting reminders while still having access to their corporate directory—all while waiting for their PCs to boot. Users can also extend their PC desktop to include the Polycom VVX 500 Series screen, helping to enable simplified interactions and dialing using their PC's mouse and keyboard. Training and multipoint communication applications are complemented by the Polycom VVX 500 Series video playback capability for streaming content.

Best-in-class deployment and administration

The Polycom VVX 500 Series is easy to deploy and simple to manage. Its enterprise-grade, Web-based, intuitive configuration method gives administrators the ability to easily set up 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 500 Series provides personalized information at a glance, through built-in Web applications and even a digital photo frame. Polycom's "My Info Portal" serves up stocks, news, sports, weather and other streamed content directly to the phone screen. The Polycom VVX 500 Series is ready for future expansion modules and accessories for applications such as videoconferencing and even wireless networking.

Market-leading open standards interoperability

Designed for enhanced interoperability, leveraging and complementing the other existing IT investments of any enterprise, the Polycom VVX 500 Series delivers HD Voice™, a superior UC experience bundled with business applications. With the broadest call server interoperability in the industry, the Polycom VVX 500 Series business media phone is a flexible foundation for any organization's UC strategy.



Benefits

- 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
- Delivers easy integration with third-party UC and productivity applications

Product specifications

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 and videomail support¹
- 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, G.722.1, G.722.1C
- 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 features¹

- 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
- Bundled with Polycom Productivity Suite:
 - Corporate directory access using LDAP
 - Local voice call recording on USB flash drive
 - Visual conference management

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
- Partner auto-negotiation
- Manual or dynamic host configuration protocol (DHCP)
- DHCP network setup
- Time and date synchronization using SNTP
- FTP/TFTP/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

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 802.3 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 +160°F (-40 to +70°C)

Polycom® VVX® 500 Series comes with

- Polycom VVX 500 Series console
- Handset with handset cord
- Network (LAN) cable – CAT-5E
- Quick start guide

Size

- 7.5 x 6 x 7 in (19 x 15 x 18 cm) (W x H x D)

Part numbers

- 2200-44500-025 – VVX 500 WW PoE
- 2200-48500-025 – VVX 501 WW PoE
- 2200-44500-019 – VVX 500 Skype for Business, POE
- 2200-48500-019 – VVX 501 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

Warranty

- 1 year

Learn more

To learn more about VVX, visit

<http://www.polycom.com/voice-conferencing-solutions/desktop-ip-phones.html>

1. Most software-enabled features and capabilities must be supported by the server. Please contact your IP PBXsoftswitch 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.

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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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 videoconferencing 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 support¹
- 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 Features²

- 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 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
- Hardware diagnostics
- Status and statistics reporting
- IPv4 and IPv6
- 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 NCC³
- Mexico NOM-121
- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
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- EN61000-3-2; EN61000-3-3
- NZ Telepermit
- Korea KC
- UAE TRA
- Russia CU
- Brazil ANATEL³
- Australia RCM
- ROHS compliant
- China CCC³

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

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

Learn more

To learn more about VVX, visit <http://www.polycom.com/voice-conferencing-solutions/desktop-ip-phones.html>

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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DATA SHEET

Polycom® VVX® 1500 Business media phone

The first business media phone combining advanced IP telephony, one-touch video, and business applications into a seamless, life-like experience

The Polycom® VVX® 1500 unifies voice, video and applications capabilities into a simple-to-use business media phone. With its unique touch screen interface, the VVX 1500 makes video calls as simple as using a phone. Its large display and ease of use make the VVX 1500 an ideal all-in-one productivity tool for today's busy executives and professionals, whether they are in office, retail, professional services, or healthcare environments.

Feature-rich phone with Polycom® HD Voice™

The Polycom VVX 1500 is equipped with all of the capabilities of a full featured Polycom® SoundPoint® IP phone including: 24 lines, Polycom HD Voice, a Gigabit Ethernet switch that supports PoE, and a host of rich telephony functions. These features can be accessed via the buttons on the front of the phone or by simply touching the large color display.

One-touch personal video device

The Polycom VVX 1500 includes an integrated camera and delivers business-grade video calling with a simple touch of the screen. The phone has multiple adjustable elements including camera tilt, base height and screen angle to suit the environment and a user's preferences for personalized eye-to-eye visual communications.

Business information at-a-glance

The Polycom VVX 1500 features an open API and WebKit-based browser that enable third-party applications developers to integrate the VVX 1500 with business applications such as unified communications, customer relationship management (CRM), and appointment management systems. The touch-screen user interface of the VVX 1500 includes a menu screen on which developers can place icons for users to touch and launch their applications.

The VVX 1500 comes bundled with several applications including the Polycom Productivity Suite, which enables users to initiate and control audio conference calls right from the touch screen of the VVX 1500 as well as record audio calls locally using a flash drive in the phone's USB port. The VVX 1500 also features a Web service called Polycom My Info Portal, through which customers can select to receive content such as local weather reports and other personalized information on the screen when the phone is not in a voice or video call.



Benefits

- **Simple and fast one-touch calls**—Access voice, video, applications and Web content with a single touch
- **Quick payback**—Lower travel expenses. Empower each employee for the cost of one business trip
- **Highly customizable**—Polycom's API enables third-party applications for horizontal and vertical markets
- **Enhanced productivity**—Integrate communications into business processes delivering faster decision making
- **Reduced carbon footprint**—Require less than half the power of similar products. Designed for lower power consumption using energy-saving PoE and smart motion detection technology

Product Specifications

User interface features

- Resistive touch screen interface works with both finger or stylus (not provided)
- 7 in TFT LCD display with adjustable screen angle
- 16:9 wide screen aspect ratio
- Screen saver and digital picture frame mode
- On-screen virtual keyboard
- Voicemail and videomail support²
- USB port for 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 life-like voice quality for each audio path—handset, the hands-free speakerphone, and the optional headset¹
- 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.719, G.729AB, G.722, G.722.1, G.722.1C
- 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
- 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 features²

- 24 lines (registrations)
- 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

Video standards and protocols

- H.261, H.263, H.263+ (1998), and H.264
- CIF(352x288) or SIF(352x240) resolution transmit and receive video up to 30 fps

Camera

- 2 mega pixel camera
- 30 cm to infinity fixed focus
- Privacy Shutter
- Picture in Picture for near end camera
- Full screen or window for far end camera

Open application platform

- WebKit enabled full browser that supports HTML, CSS, SSL security, and JavaScript
- Supports Polycom Apps SDK and API for third-party business and personal applications
- Bundled with Polycom Productivity Suite:
 - 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)
- ITU H.323 support can be enabled via an H.323 Permanent Individual Phone License for the VVX 1500 (P/N 5150-16826-001)
- 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/HTTPS⁴ server-based central provisioning for mass deployments
- Provisioning and call server redundancy supported²
- QoS Support – IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DSCP
- Network Address Translation (NAT) – 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
- TCP
- UDP
- DNS-SRV

Bandwidth

- CIF video up to 768 kbps plus network overhead
- Customizable video call bit rates

Security

- Media encryption via SRTP
- Transport Layer Security (TLS)³
- Encrypted configuration files³
- Digest authentication
- Password login
- Support for URL syntax with password for boot server address³
- HTTPS secure provisioning³
- Support for signed software executables³

Power

- Built-in auto sensing IEEE 802.3af Power over Ethernet (Class 0)
- Energy-saving smart motion detector enables the screen to go into power-save mode when no one is in the office.
- Power efficient; consumes less than 11W when fully active, 8W average, and 6W when in power save mode with the LCD off
- External Universal AC Adaptor (optional, 48V 380mA DC)

Approvals

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- AS/NZS CISPR 22 Class B
- VCCI Class B
- EN55024
- EN61000-3-2; EN61000-3-3
- NZ Telepermit
- Korea KCC
- China CCC
- ROHS compliant

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 1500 comes with:

- VVX 1500 console
- Handset with handset cord
- Network (LAN) cable
- Quick Start Guide
- Product registration card

Size

10 x 15 x 8.3 in (25 x 38 x 21 cm) (W x H x D)

Part numbers

2200-18061-025 – WW PoE

Weight

Unit weight: 5.4 lbs (2.5 kg)

Unit box dimensions / weight

- 14 x 16 x 6 in
- 8.0 lbs (3.7 kg)

Master carton quantity

Two

Country of origin

Thailand

Warranty

1 year

-
1. To enjoy all the benefits of Polycom HD Voice when using the phone in the headset mode, you must use a wideband headset.
 2. 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.
 3. Requires SIP version 3.2.2 or higher.

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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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