

# Hosted PBX Phones



Click on each phone model to view data sheets.

## Polycom Phones

### Desk Phones

- Polycom SoundPoint IP 331 2-Line Phone
- Polycom SoundPoint IP 550 4-Line Phone
- Polycom SoundPoint IP 650 6-Line Phone
- Polycom WX 310 2-Line Phone
- Polycom WX 410 4-Line Phone
- Polycom WX 500 8-Line Phone
- Polycom WX 600 10-Line Phone

### Conference Phones

- Polycom SoundStation IP 5000
- Polycom SoundStation IP 6000
- Polycom SoundStation IP 7000

## Cisco Phones

### Desk Phones

- Cisco SPA 303 3-Line Phone
- Cisco SPA 504G 4-Line Phone
- Cisco SPA 525G 5-Line Phone

Entry-level IP phone with excellent sound quality, an enterprise-grade feature set and business telephony features.



The SoundPoint IP 331 two-line IP phones deliver superb sound quality as well as a wide range of supported business telephony features. The SoundPoint IP 331 phone, with its dual-port 10/100 Ethernet switch for LAN and PC connection, presents a cost-effective solution for desk phones as well as lobbies, hallways, and break rooms.

### **Superb Sound Quality**

The SoundPoint IP 331 phone feature a full-duplex IEEE 1329 Type 1-compliant speakerphone with Polycom's legendary Acoustic Clarity Technology that delivers excellent sound quality and enables noise-free and echo-free conversations that are as natural as being there.

### **Enterprise-Grade Feature Set**

The SoundPoint IP 331 phone deliver through an intuitive user interface a full feature set encompassing both traditional business telephony features such as call hold, park, pick-up, transfer, and three-way local conferencing, and more advanced capabilities such as call park and paging.

### **Make Great Things Happen with Polycom SoundPoint IP 331**

In today's Internet driven world, the ability to conduct real time communication and collaboration has become critical to an organizations survival. As the market leader in voice, video, data and Web solutions, our award-winning IP telephony and conference technology makes it easy for people to interact and maximize productivity over any network, in just about an environment, anywhere around the globe. That's why more organizations worldwide use and prefer Polycom IP telephony and application solutions. Because when people work together, great things happen. See how you, too, can achieve great things with the Polycom SoundPoint IP 331 desktop phones.

# SoundPoint® IP 331 2-Line

## LINES

- Up to two lines

## DISPLAY

- 102 x 33 pixel-graphical LCD
- Feature Keys
- 3 context-sensitive “soft” keys
- 2 line keys with bi-color (red/green)

## LED

- 2 feature keys (“Menu” and “Dial”)
- 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
- Headset Compatibility
- Dedicated 2.5-mm headset port compatible with most monaural mobile phone headsets

## HEADSET AND HEARING AID COMPATIBILITY

- Compliant with ADA Section 508 Recommendations: Subpart B 1194.23 (all)
- Hearing Aid Compatible (HAC) handset for magnetic coupling to approved HAC hearing aids
- Compatible with commercially-available TTY adapter equipment

## AUDIO FEATURES

- Full-duplex hands-free speakerphone with Polycom
- Acoustic Clarity Technology Type 1 compliant with IEEE 1329 full duplex standards
- Frequency response - 300Hz - 3300Hz for handset, headset and hands-free speakerphone modes
- Codecs: G.729A (Annex B)
- Individual volume settings with visual feedback for each audio path
- Voice activity detection
- Comfort noise fill
- DTMF tone generation / DTMF event RTP payload
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Packet loss concealment
- Acoustic echo cancellation
- Background noise suppression

## CALL HANDLING FEATURES

- Distinctive incoming call treatment / call waiting

- Call timer
- Call transfer, hold, divert (forward), pickup, park
- Called, calling, connected party information
- Local three-way conferencing
- One-touch speed dial, redial
- Call waiting
- Intercom
- Automatic off-hook call placement
- Do not disturb function

## VOICEMAIL

- Message waiting light
- Voicemail notification via email
- Voicemail to email (WAV file)
- 5 min per message
- 90 min message max
- Remote access to voicemail
- Web-based access to voicemail
- Voicemail forwarding via email
- Group voicemail distribution

## OTHER FEATURES

- Local feature-rich GUI
- Time and date display
- User-configurable contact directory and call history (missed, placed and received)
- Unicode UTF-8 character support. Multilingual user interface encompassing Danish, Dutch, English (Canada/US/UK), French, German, Italian, Norwegian, Russian, Spanish, Swedish

## PROTOCOL SUPPORT

- IETF SIP (RFC 3261 and companion RFCs)

## NETWORK AND PROVISIONING

- SoundPoint IP 331 – two-port 10/100 Mbps Ethernet switch
- Time and date synchronization using SNTP
- FTP / TFTP / HTTP / HTTPS server-based central provisioning for mass deployments
- TOS, and DSCP
- Network Address Translation (NAT) support for static configuration and “Keep-Alive” SIP signalling
- RTCP support (RFC 1889)
- Event logging
- Syslog
- Local digit map
- Hardware diagnostics
- Status and statistics reporting

## SECURITY

- Transport Layer Security (TLS)
- Encrypted configuration files

## POWER

- External universal input AC adapter (optional; 24V DC @ 500mA)

## APPROVALS

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- AS/NZS CISPR 22 Class
- VCCI Class B
- EN55024 Class B
- EN61000-3-2; EN61000-3-3; EN-61000-6-1
- ROHS compliant
- Anatel
- GOST
- C-tick
- CCC

## SAFETY

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

## OPERATING CONDITIONS

- Temperature: 0 – 40°C (+32 – 104°F)
- Relative Humidity: 5% to 95%, non-condensing

## STORAGE TEMPERATURE

- -40 – +70°C (-40 – +160°F)

## SOUNDPOINT IP 331 COMES WITH:

- SoundPoint IP 331 console
- Handset with handset cord
- Base stand
- Network (LAN) cable
- Quick Start Guide
- Product registration card

## SIZE

- 17 x 14.5 x 17.5 x 3.5 cm (6.7 x 5.7 x 6.9 x 1.4 in)

## WEIGHT

- 1.37 lb (0.625 kg)

## WARRANTY

- One year

## Revolutionary sound quality and advanced features in a four-line SIP phone

### Revolutionary Voice Quality

The SoundPoint IP 550 brings life-like richness and clarity to voice communications. Polycom's patented Acoustic Clarity Technology 2, as well as best-in-class system design to deliver unprecedented voice quality.



### Enhanced Call Handling Capabilities

The SoundPoint IP 550 provides call hold, call transfer, call park, 3 way conferencing, call transfer and many other time-saving features.

### Intuitive User Interface

The SoundPoint IP 550 delivers all of its capabilities through an intuitive user interface, featuring a backlit 320x160 graphical grayscale LCD display, easy-to-navigate menu, and a combination of 24 dedicated hard keys and 4 context-sensitive soft keys for easy access to essential telephony features.

### Efficient Installation

Designed to make installation as simple and efficient as possible, the SoundPoint IP 550 boasts a two-port Ethernet switch. The phone, once plugged into to the local network, automatically configures itself for ease of setup.

# SoundPoint® IP 550

## LINES

- 4 lines

## DISPLAY

- 320 x 160 backlit grayscale graphical LCD
- White LED backlight with custom intensity control

## FEATURE KEYS

- 4 context-sensitive “soft” keys
- 24 dedicated “hard” keys
  - 4 line keys with bi-color (red/green) LED
  - --8 feature keys
  - 6 display/menu navigation keys
  - 2 volume control keys
  - Illuminated mute key
  - Illuminated headset key
  - Illuminated hands-free speakerphone key
  - Dedicated hold key
  - Headset and Hearing Aid Compatibility
- Dedicated RJ-9 headset port
  - Amplified headsets are recommended
- Compliant with ADA Section 508 Recommendations: Subpart B 1194.23 (all)
- Hearing Aid Compatible (HAC) handset for magnetic coupling to approved HAC hearing aids
- Compatibility with commercially-available TTY adapter equipment
- Audio Features
  - Delivers life-like voice quality for each audio path - the handset, the hands-free speakerphone, and the headset1
  - Full-duplex hands-free speakerphone
  - --Type 1 compliant with IEEE 1329 full duplex standards
  - Frequency response - 150Hz - 7kHz for handset, headset1 and hands-free speakerphone modes
  - Codec: G.729A (Annex B)
  - Individual volume settings with visual feedback for each audio path
  - Voice activity detection
  - Comfort noise fill
  - DTMF tone generation/DTMF event RTP payload
  - Low-delay audio packet transmission
  - Adaptive jitter buffers
  - Packet loss concealment
  - Acoustic echo cancellation
  - Background noise suppression

## CALL HANDLING FEATURES

- Distinctive incoming call treatment/call waiting
- Call timer
- Call transfer, hold, divert (forward), pickup

- Called, calling, connected party information
- Local three-way conferencing
- One-touch speed dial, redial
- Call waiting
- Call Park
- Intercom
- Automatic off-hook call placement
- Do not disturb function

## VOICEMAIL

- Message waiting light
- Voicemail notification via email
- Voicemail to email (WAV file)
- 5 min per message
- 90 min message max
- Remote access to voicemail
- Web-based access to voicemail
- Voicemail forwarding via email
- Group voicemail distribution

## OTHER FEATURES

- Local feature-rich GUI
- Time and date display
- User-configurable contact directory and call history (missed, placed, and received)
- Customizable call progress tones
- Unicode UTF-8 character support. Multilingual user interface encompassing Chinese, Danish, Dutch, English (Canada/US/UK), French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Slovenian, Spanish, Swedish

## PROTOCOL SUPPORT

- IETF SIP (RFC 3261 and companion RFCs) Network
- Two-port 10/100 Mbps Ethernet switch
- Dynamic host configuration protocol (DHCP) network setup
- Time and date synchronization using SNTP
- QoS Support – IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DSCP
- Network Address Translation (NAT) support – static
- RTCP support (RFC 1889)
- Event logging
- Local digit map
- Hardware diagnostics
- Status and statistics

## SECURITY

- Transport Layer Security (TLS)
- Encrypted configuration files3
- Digest authentication

## POWER

- External Universal AC adapter (included 48V 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
- ROHS compliant

## SAFETY

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

## OPERATING CONDITIONS

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

## STORAGE TEMPERATURE

- -40 – +70°C (-40 – +160°F)

## SOUNDPOINT IP 550 COMES WITH:

- SoundPoint IP 550 console
- Handset with handset cord
- Base stand
- Network (LAN) cable
- Universal power adapter (including country-specific cord kit)5
- Quick Start Guide
- Product registration card

## SIZE

- 26.5 x 15 x 19 x 6.5 cm (10.5 x 6 x 7.5 x 2.5 in) (W x H x D x T)

## WEIGHT

- Shipping: 2.75 lb (1.26 kg)

## BOX DIMENSIONS/WEIGHT

- 12.5 x 13.25 x 3.5 in
- 2045g (for all countries)

## WARRANTY

- One year

Delivering revolutionary voice quality, an advanced feature set, and the quality you demand.



### Revolutionary Voice Quality

The SoundPoint IP 650 brings life-like richness and clarity to voice communications. Polycom's patented Acoustic Clarity Technology 2, as well as best-in-class system design to deliver unprecedented voice quality.

### Enhanced Call Handling Capabilities

The SoundPoint IP 650 provides call hold, call transfer, call park, 3 way conferencing, call transfer and many other time saving features.

### Intuitive User Interface

The SoundPoint IP 650 delivers all of its capabilities through an intuitive user interface, featuring a backlit 320x160 graphical grayscale LCD display, easy-to-navigate menu, and a combination of 26 dedicated hard keys and 4 context-sensitive soft keys for easy access to essential telephony features.

### Efficient Installation

Designed to make installation as simple and efficient as possible, the SoundPoint IP 650 boasts a two-port Ethernet switch. The phone, once plugged into to the local network, automatically configures itself for ease of setup.

# SoundPoint® IP 650

## LINES

- 6 lines

## DISPLAY

- 320 x 160 backlit grayscale graphical LCD
- White LED backlight with custom intensity control

## FEATURE KEYS

- 4 context-sensitive “soft” keys
- 24 dedicated “hard” keys
  - 6 line keys with bi-color (red/green) LED
  - --8 feature keys
  - 6 display/menu navigation keys
  - 2 volume control keys
  - Illuminated mute key
  - Illuminated headset key
  - Illuminated hands-free speakerphone key
  - Dedicated hold key

## HEADSET AND HEARING AID COMPATIBILITY

- Dedicated RJ-9 headset port
  - Amplified headsets are recommended
- Compliant with ADA Section 508 Recommendations: Subpart B 1194.23 (all)
- Hearing Aid Compatible (HAC) handset for magnetic coupling to approved HAC hearing aids
- Compatibility with commercially-available TTY adapter equipment

## AUDIO FEATURES

- Delivers life-like voice quality for each audio path - the handset, the hands-free speakerphone, and the headset1
- Full-duplex hands-free speakerphone
- --Type 1 compliant with IEEE 1329 full duplex standards
- Frequency response - 150Hz - 7kHz for handset, headset1 and hands-free speakerphone modes
- Codec: G.729A (Annex B)
- Individual volume settings with visual feedback for each audio path
- Voice activity detection
- Comfort noise fill
- DTMF tone generation/DTMF event RTP payload
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Packet loss concealment
- Acoustic echo cancellation
- Background noise suppression

## CALL HANDLING FEATURES

- Distinctive incoming call treatment/call waiting
- Call timer
- Call transfer, hold, divert (forward), pickup
- Called, calling, connected party information
- Local three-way conferencing
- One-touch speed dial, redial
- Call waiting
- Call Park
- Intercom
- Automatic off-hook call placement
- Do not disturb function

## VOICEMAIL

- Message waiting light
- Voicemail notification via email
- Voicemail to email (WAV file)
- 5 min per message
- 90 min message max
- Remote access to voicemail
- Web-based access to voicemail
- Voicemail forwarding via email
- Group voicemail distribution

## WARRANTY

- One year

## OTHER FEATURES

- Local feature-rich GUI
- Time and date display
- User-configurable contact directory and call history (missed, placed, and received)
- Customizable call progress tones
- Unicode UTF-8 character support. Multilingual user interface encompassing Chinese, Danish, Dutch, English (Canada/US/UK), French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Slovenian, Spanish, Swedish

## PROTOCOL SUPPORT

- IETF SIP (RFC 3261 and companion RFCs) Network
- Two-port 10/100 Mbps Ethernet switch
- Dynamic host configuration protocol (DHCP) network setup
- Time and date synchronization using SNTP
- QoS Support – IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DSCP
- Network Address Translation (NAT) support – static
- RTCP support (RFC 1889)
- Event logging
- Local digit map
- Hardware diagnostics
- Status and statistics

## SECURITY

- Transport Layer Security (TLS)
- Encrypted configuration files3
- Digest authentication

## POWER

- External Universal AC adapter (included 48V 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
- ROHS compliant

## SAFETY

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

## OPERATING CONDITIONS

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

## STORAGE TEMPERATURE

- -40 – +70°C (-40 – +160°F)

## SOUNDPOINT IP 550 COMES WITH:

- SoundPoint IP 550 console
- Handset with handset cord
- Base stand
- Network (LAN) cable
- Universal power adapter (including country-specific cord kit)5
- Quick Start Guide
- Product registration card

## SIZE

- 26.5 x 15 x 19 x 6.5 cm (10.5 x 6 x 7.5 x 2.5 in) (W x H x D x T)

## WEIGHT

- Shipping: 2.75 lb (1.26 kg)

## BOX DIMENSIONS/WEIGHT

- 12.5 x 13.25 x 3.5 in
- 2045g (for all countries)



## 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 is an expandable business media phone that delivers crystal clear communications, enhanced collaboration and personal productivity.



### Simplicity and ease-of-use

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

### Customizable and expandable

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

### Unsurpassed voice quality and clarity

The VVX 300 delivers breakthrough Polycom® HD Voice™ quality for life-like conversations while minimizing fatigue making calls more efficient and productive.

### Market-leading open standards interoperability

Designed for enhanced interoperability, the VVX 300 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 unified communications strategy.

### Maximize productivity

Give your front line workers the best experience with this high quality two-line business media phone.

### 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™
- Leverage previous IT infrastructure investments—deploy VVX 300 business media phones on your existing network without needing to upgrade your call control platform

# Polycom® VVX® 300 Series

## USER INTERFACE FEATURES

- Backlit 8-level Grayscale graphical LCD (208 x 104) resolution
- Voicemail support
- 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 pathhandset, 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 handset, optional headset and handsfree speakerphone modes
- Individual volume settings with visual feedback for each audio path
- DTMF tone generation (RFC 2833 and in-band)

## HEADSET AND HEARING AID 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 lines (programmable line keys)
- Busy Lamp Field (BLF)
- 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
- Do not disturb function

## POWER

- External Universal AC Adapter 48VDC; 12W

## 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<sup>3</sup>
- UAE TRA
- Russia GOST-R<sup>3</sup>
- Brazil ANATEL<sup>3</sup>
- Australia A & C Tick

## 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)
- CITC (add)

## OPERATING CONDITIONS

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

## STORAGE TEMPERATURE

- -40 – +70°C (-40 – +160°F)

## POLYCOM VVX 400 COMES WITH:

- VVX 300 console
- Handset with handset cord
- Network (LAN) Cable - CAT-5E

## SIZE

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

## PART NUMBERS

- 2200-46135-025 – VVX 400 WW PoE
- 2200-46161-025 – VVX 410 WW PoE

## WEIGHT

- 2.0 lbs (0.9 kg)

## UNIT BOX DIMENSIONS

- 12 x 8.25 x 4.25 in
- 3.1 lbs (1.4 kg)

## COUNTRY OF ORIGIN

- China

## WARRANTY

- One (1) year

## A color mid-range business media phone for today's office workers and call attendants delivering crystal clear communications

The Polycom® VVX® 400 is an expandable color business media phone that delivers crystal clear communications enhanced collaboration and personal productivity.



### **Simplicity and ease-of-use**

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

### **Customizable and expandable**

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

### **Unsurpassed voice quality and clarity**

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

### **Market-leading open standards interoperability**

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

### **Maximize productivity**

Give your 4 line staff the best experience with this high quality twelve line color business media phone.

### **Benefits**

- Improve productivity for office staff and knowledge worker's 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™
- Leverage previous IT infrastructure investments—deploy VVX 400 business media phones on your existing network without needing to upgrade your call control platform

# Polycom® VVX® 400 Series

## USER INTERFACE FEATURES

- Backlit 3.5" color LCD (320 x 240) resolution
- Voicemail support
- 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 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 handset, optional headset and handsfree speakerphone modes
- Individual volume settings with visual feedback for each audio path
- DTMF tone generation (RFC 2833 and in-band)

## FEATURE KEYS

- 4 context-sensitive "soft" keys
- context-sensitive "soft" keys
- Menu Key
- 2 volume control keys
- Illuminated mute key
- Illuminated headset key
- Illuminated hands-free speakerphone key

## HEADSET AND HEARING AID 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

- 4 lines (programmable line keys)
- Busy Lamp Field (BLF)
- 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
- Do not disturb function
- Electronic hook switch capable

## POWER

- Energy-saving after hours mode
- External Universal AC Adapter 48VDC; 12W

## 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<sup>3</sup>
- UAE TRA
- Russia GOST-R<sup>3</sup>
- Brazil ANATEL<sup>3</sup>
- Australia A & C Tick
- 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)
- CITC (add)

## OPERATING CONDITIONS

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

## STORAGE TEMPERATURE

- -40 – +70°C (-40 – +160°F)

## POLYCOM VVX 400 COMES WITH:

- VVX 400 console
- Handset with handset cord
- Network (LAN) Cable - CAT-5E

## SIZE

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

## PART NUMBERS

- 2200-46157-025 – VVX 400 WW PoE
- 2200-46162-025 – VVX 410 WW PoE

## WEIGHT

- 2.0 lbs (0.9 kg)

## UNIT BOX DIMENSIONS

- 12 x 8.25 x 4.25 in
- 3.1 lbs (1.4 kg)

## COUNTRY OF ORIGIN

- China

## WARRANTY

- One (1) year

Superior Voice Quality,  
and an Intuitive Touch  
Screen.

### Unsurpassed Voice Quality

The Polycom VVX 500 brings life-like richness and clarity to voice communications. Polycom's patented Acoustic Clarity Technology 2, as well as best-in-class system design deliver unprecedented voice quality.



### Enhanced Call Handling Capabilities

With the swipe of a finger or a quick touch to the screen, the VVX 500 provides quick and easy access to the features you need such as call hold, call transfer, call park, 3 way conferencing, call transfer and many other time saving features.

### Touch Screen User Interface

The VVX 500 delivers all of its capabilities through a simple, touch-driven interface. Its bright color screen makes navigating the features and options quick and easy. Access to missed calls, voicemail and speed dials is as simple as a brief touch or swipe.

### Simple Installation

Designed to make installation as simple and efficient as possible, the VVX 500 offers a two-port Gigabit Ethernet switch so you don't have to run separate cables for phone and PC. Once connected to your network, the phone will automatically configure itself and display its assigned extension and phone number.

# Polycom® VVX 500 8-Line

## LINES

- 8 lines

## DISPLAY

Gesture-based, multitouch-capable, capacitive touchscreen

- 3.5-in TFT LCD display at QVGA (320x240 pixel) resolution, 4:3 aspect ratio
- Screensaver and digital picture frame mode
- On-screen virtual keyboard
- Adjustable base height

## FEATURE KEYS

- 4 context-sensitive “soft” keys
- context-sensitive “soft” keys
- Menu Key
- 2 volume control keys
- Illuminated mute key
- Illuminated headset key
- Illuminated hands-free speakerphone key

## HEADSET AND HEARING AID COMPATIBILITY

- Dedicated RJ-9 headset port
- Hearing aid compatibility 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
- Support USB Headsets (see TB37477 for list of compatible headsets)

## 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 – 100 Hz – 20 kHz for handset, optional headset and hands-free speakerphone modes
- Codecs: G.729AB,
- 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

## CALL HANDLING FEATURES

- 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
- Intercom
- Call park
- One-touch speed dial, redial missed call notification
- Do not disturb function
- Electronic hook switch capable

## VOICEMAIL

- Message waiting light
- Voicemail notification via email
- Voicemail to email (WAV file)
- 5 min per message
- 90 min message max
- Remote access to voicemail
- Web-based access to voicemail
- Voicemail forwarding via email
- Group voicemail distribution

## OTHER FEATURES

- Local feature-rich GUI
- Time and date display
- User-configurable contact directory and call history (missed, placed and received)
- Unicode UTF-8 character support. Multilingual user interface encompassing Chinese, Danish, Dutch, English (Canada/US/UK), French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Slovenian, Spanish, Swedish

## PROTOCOL SUPPORT

- IETF SIP (RFC 3261 and companion RFCs)
- Network
- Two-port 10/100/1000 Mbps Ethernet switch
- Dynamic host configuration protocol (DHCP) network setup
- Time and date synchronization using SNTP
- QoS Support – IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DSCP
- Network Address Translation (NAT) support – static
- RTCP support (RFC 1889)
- Event logging
- Local digit map
- Hardware diagnostics
- Status and statistics

## SECURITY

- Transport Layer Security (TLS)
- Encrypted configuration files
- Digest authentication

## POWER

- External Universal AC adapter (included 48V 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
- ROHS compliant

## SAFETY

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

## OPERATING CONDITIONS

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

## STORAGE TEMPERATURE

- -40 – +70°C (-40 – 160°F)

## POLYCOM VVX 500 COMES WITH:

- VVX 500 console
- Handset with handset cord Power cable
- Network (LAN) cable

## SIZE

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

## PART NUMBERS

- 2200-44500-025 – WW PoE

## WEIGHT

- 2.0 lbs (0.9 kg)

## BOX DIMENSIONS/WEIGHT

- 12 x 9 x 5 in
- 3.1 lbs (1.4 kg)

## WARRANTY

- One year

A premium business media phone delivering best-in-class desktop productivity for busy corporate executives and managers.



The Polycom® V VX® 600 phone is a premium business media phone designed to enhance collaboration and personal productivity.

### **Simplicity and ease of use**

The Polycom V VX 600 phone 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, multi-touch user interface of the Polycom V VX 600 phone makes navigation easy and requires minimal training. With its combined ergonomic design, Polycom® HD Voice™ quality and a large, high resolution color, multi-touch screen, the Polycom V VX 600 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 V VX 600 improves personal productivity.

### **Highly customizable and expandable**

The Polycom V VX 600 phone provides personalized information at a glance, through built-in web applications and a digital photo frame. Polycom V VX 600 users access streaming content using the included video playback feature.

### **Benefits**

- Improve productivity for executives and managers through larger, color multi touch display and more line appearances
- Make more efficient and productive calls with the unparalleled voice clarity of Polycom® HD Voice™
- Improve work space mobility through Bluetooth headset integration
- Leverage previous IT infrastructure investments deploy Polycom V VX 600 business media phones on your existing network without needing to upgrade your call control platform

# Polycom® VVX 600

## USER INTERFACE FEATURES

- Gesture based, multi-touch capable capacitive touchscreen
- 4.3in LCD (480x272 pixel) resolution
- 16:9 aspect ratio
- Screen saver and digital picture frame mode
- On-screen virtual keyboard
- Voicemail support
- 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™<sup>1</sup>
- Polycom® Acoustic Clarity™ technology providing full-duplex conversations, acoustic echo cancellation and background noise suppression—Type 1 compliant (IEEE 1329 full duplex)
- Individual volume settings with visual feedback for each audio path
- DTMF tone generation (RFC 2833 and in-band)

## HEADSET AND HEARING AID 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 (HAC) 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

- 10 lines
- Busy Lamp Field (BLF)
- 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
- Do not disturb function

## POWER

- Built-in auto sensing IEEE 802.3at 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
- VCCI Class B
- EN55024
- EN61000-3-2; EN61000-3-3
- NZ Telepermit
- Korea KC
- UAE TRA
- Russia GOST-R
- Brazil ANATEL<sup>3</sup>
- Australia A&C Tick
- ROHS compliant
- China CCC<sup>3</sup>

## 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 – 40°C (+32 – 104°F)
- Relative Humidity: 5% to 95%, noncondensing

## STORAGE TEMPERATURE

- -40 – +70°C (-40 – 160°F)

## POLYCOM VVX 600 COMES WITH:

- Polycom VVX 600 console
- Handset with handset cord
- Network (LAN) cable
- External Universal AC Adaptor (optional, 48V 380mA DC)

## SIZE

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

## PART NUMBERS

- 2200-44600-025—WW PoE

## WEIGHT

- 2.0 lbs (0.9 kg)

## UNIT BOX DIMENSIONS

- 14 x 10 x 5 in
- 3.1 lbs (1.4 kg)

## COUNTRY OF ORIGIN

- China

## WARRANTY

- One (1) year



## Advanced IP conference phone with Polycom HD Voice™ clarity, designed for small conference rooms and executive offices

The Polycom<sup>®</sup> SoundStation<sup>®</sup> IP 5000 conference phone delivers remarkably clear conference calls for small conference rooms and executive offices. It features Polycom HD Voice™ technology, broad SIP interoperability, and a modern design that is ideal for smaller rooms—all at an affordable price.

With Polycom HD Voice technology, the SoundStation IP 5000 conference phone boosts productivity and reduces listener fatigue by turning ordinary conference calls into crystal-clear, interactive conversations. It captures both the deeper lows and higher frequencies of the human voice for conference calls that sound as natural as being there.

For all calls, the SoundStation IP 5000 conference phone delivers advanced audio performance that is designed for executive offices and smaller conference rooms with up to 6 participants. From full-duplex technology that eliminates distracting drop-outs to the latest echo cancellation advancements, only Polycom can deliver a conference phone experience with no compromises. Conference calls are made more productive and efficient by three sensitive microphones with 360° coverage that allow users to speak in a normal voice and be heard clearly

from up to 7 feet away. The phone also features technology that resists interference from mobile phones and other wireless devices, delivering clear communications without distractions.

The SoundStation IP 5000 leverages Polycom's strong history in both conference phone and VoIP technology to deliver the most robust standards-based SIP interoperability in the industry.

Robust provisioning, management, and security features make Polycom's family of IP conference phones the only choice for meeting rooms in SIP-based environments. Integrated Power over Ethernet (PoE) simplifies setup, with an optional AC power kit available for non-PoE environments. Plus, the SoundStation IP 5000 conference phone includes a high-resolution backlit display for vital call information and multilingual support.



### Benefits

- **Unparalleled clarity** – Polycom HD Voice makes your conference calls sound amazingly clear and life-like
- **More productive conference calls** – Patented Polycom Acoustic Clarity™ technology delivers the best conference phone experience with no compromises
- **Ideal for smaller rooms** – 7-foot microphone pickup and a small footprint designed for executive offices and smaller conference rooms with up to 6 participants
- **Advanced IP feature support** – the most feature-rich family of IP conference phones available, with advanced call handling, security, and provisioning features

# SoundStation® IP 5000

## POWER

- IEEE 802.3af Power over Ethernet (built in)
- Optional external universal AC power supply kit: 100-240V, 0.4A, 48V/19W

## DISPLAY

- Size (pixels): 248 x 68 (W x H)
- White LED backlight with custom intensity control

## KEYPAD

- Standard 12-key keypad
- Context-dependent soft keys: 4
- On-hook/Off-hook, redial, mute, volume up/down
- 5-way navigation
- Menu

## AUDIO FEATURES

- Loudspeaker
  - Frequency: 250 – 7,000 HZ
  - Volume: Adjustable to peak volume
- 84 dB at 1/2 meter distance
- Acoustic echo cancellation
- Background noise suppression

## CALL HANDLING FEATURES

- Busy Lamp Field (BLF)
- Distinctive incoming call treatment / call waiting
- Call timer
- Call transfer, hold, divert (forward), pickup
- Called, calling, connected party information
- Advanced Local three-way conferencing (conference, join, split, hold, resume)
- One-touch speed dial, redial
- Call waiting
- Automatic off-hook call placement
- Do not disturb function

## OTHER FEATURES

- Local feature-rich GUI
- Time and date display
- Corporate Directory Access (search, dial, save to local directory)
- Convenient volume adjustment keys
- User-configurable contact directory and call history (missed, placed, and received)
- Customizable call progress tones
- Wav file support for call progress tones
- Unicode UTF-8 character support.  
Multilingual user interface encompassing Simplified Chinese, Danish, Dutch, English (Canada / US / UK), French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Slovenian, Spanish, Swedish

## SAFETY

- CE Mark
- EN60950-1
- IEC60950-1
- UL60950-1
- CAN/CSA C22.2 No.60950-1-03
- AS/NZS60950-1
- RoHS Compliant

## EMC

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- AS/NZS CISPR22 Class B
- VCCI Class B
- EN22024

## PRODUCT SHIPS WITH

- Conference Phone Console
- 25 foot Ethernet cable

## ENVIRONMENTAL CONDITIONS

- Operating temperature: 5 – 40°C (+41 – 104°F)
- Relative humidity: 20% – 85% (noncondensing)
- Storage temperature: -30 – +55°C (-22 – 131°F)

## PHONE DIMENSIONS

- 10.6 x 2.6 x 11.4 in (26.5x 6.5 x 28.5 cm) (W x H x D)

## PHONE CONSOLE WEIGHT

- 1.14 lb (0.52 kg)

## BOX DIMENSIONS

- 29.4 x 9.5 x 37.2 cm (11.76 x 3.8 x 14.88 in) (W x H x D)

## BOX WEIGHT

- 2.99 lb (1.36 kg)

## COUNTRY OF ORIGIN

- China

## WARRANTY

- One (1) year

Next-generation IP  
conference phone designed  
for small to midsize  
rooms



### Next-generation IP Conference Phone

The SoundStation IP 6000 is an advanced IP conference phone that delivers superior performance for small to midsize conference rooms. With advanced features and remarkable voice quality, the SoundStation IP 6000 offers a price/performance breakthrough for the small business.

The SoundStation IP 6000 boosts productivity and reduces listener fatigue by turning ordinary conference calls into crystal-clear interactive conversations. It delivers high-fidelity

audio from 220 Hz to 14 kHz, capturing both the deeper lows and higher frequencies of the human voice for conference calls that sound as natural as being there.

For all conference calls, the SoundStation IP 6000 delivers advanced audio performance that far exceeds previous generations of conference phones. From full-duplex technology that eliminates distracting drop-outs to the latest echo cancellation advancements, only Polycom can

deliver a conference phone experience with no compromises. Plus, Automatic Gain Control intelligently adjusts the microphone sensitivity based on where participants are seated in the conference room, making the conversations clearer for all participants. It also features technology that resists interference from mobile phones and other wireless devices, delivering clear communications without distractions.

# SoundStation® IP 6000

## DISPLAY

- Size (W x H): 248 x 68 pixels
- White LED backlight with custom intensity control

## AUDIO FEATURES

- Loudspeaker
- Frequency: 220-14,000 Hz
- Volume: Adjustable to 86 dB at 1/2 meter peak volume
- Individual volume settings with visual feedback for each audio path
- Voice activity detection
- Comfort noise fill
- DTMF tone generation / DTMF event RTP payload
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Packet loss concealment
- Acoustic echo cancellation
- Background noise suppression
- Supported Codecs
- G.729a (Annex B)

## CALL HANDLING FEATURES

- Distinctive incoming call treatment / call waiting
- Call timer
- Call transfer, hold, divert (forward), pickup
- Called, calling, connected party information
- Local three-way conferencing
- One-touch speed dial, redial
- Call waiting
- Remote missed call notification
- Automatic off-hook call placement
- Do not disturb function

## VOICEMAIL

- Message waiting light
- Voicemail notification via email
- Voicemail to email (WAV file)
- 5 min per message
- 90 min message max
- Remote access to voicemail
- Web-based access to voicemail
- Voicemail forwarding via email
- Group voicemail distribution

## OTHER FEATURES

- Local feature-rich GUI
- Time and date display
- User-configurable contact directory and call history (missed, placed, and received)
- Customizable call progress tones

- Unicode UTF-8 character support. Multilingual user interface encompassing Chinese, Danish, Dutch, English (Canada/US/UK), French, German, Italian, Japanese, Korean, Norwegian, Portuguese, Russian, Spanish, Swedish

## NETWORK AND PROVISIONING

- Ethernet 10/100 Base-T
- 2.5mm connection port
- EX mic ports: Two RJ-9 ports
- Time synchronization with SNTP server
- QoS Support -- IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS and DSCP
- Network Address Translation (NAT) support - static
- RTCP support (RFC 1889)
- Event logging
- Local digit map
- Hardware diagnostics
- Status and statistics
- User selectable ringer tones
- Convenient volume adjustment keys
- Field upgradeable

## KEYPAD

- Standard 12-key keypad
- Context-dependent soft keys: 3
- On-hook/Off-hook, redial, mute, volume up/down

## SECURITY

- Transport Layer Security (TLS)
- Encrypted configuration files
- Digest authentication

## SAFETY

- CE Mark
- EN60950-1
- IEC60950-1
- UL60950-1
- CAN/CSA C22.2 No.60950-1-03
- AS/NZS60950-1
- RoHS Compliant

## EMC

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- AS/NZS CISPR22 Class B
- VCCI Class B
- EN22024

## TELECOM

- AS/ACIF S004
- Telepermit
- KCC
- GOST-R
- TRA

## PROTOCOL SUPPORT

- IETF SIP (RFC 3261 and companion RFCs)
- version ships with
- Telephone Console
- 25 foot Ethernet cable

## POWER

- External universal AC power supply: 100-240V, 0.4A, 48V/19W

## AC POWER VERSION SHIPS WITH:

- Telephone Console
- 25 foot Ethernet cable
- Universal Power Supply
- 7 foot region-specific power cord
- Power Insertion Cable

## ENVIRONMENTAL CONDITIONS

- Operating temperature: 0 – 40°C (+32 – 104°F)
- Relative humidity: 20% – 85% (noncondensing)
- Storage temperature: -30 – +55°C (-22 – 131°F)

## PHONE DIMENSIONS

- 31.1 x 6.4 x 36.8 cm (12.25 x 2.5 x 14.5 in) (W x H x D)

## PHONE CONSOLE WEIGHT

- 1.75 lb (0.8 kg)

## BOX DIMENSIONS

- 15.5 x 6.0 x 13.0 in (39.5 x 15 x 33 cm) (W x H x D)

## BOX WEIGHT

- 5.1 lb (2.32 kg)

## WARRANTY

- One (1) year

## Astounding voice quality and clarity from the world's most advanced IP conference phone



The Polycom® SoundStation® IP 7000 is a breakthrough conference phone that delivers outstanding performance and a robust feature set for SIP-based VoIP platforms. It is the most advanced conference phone ever developed, and is ideal for executive offices, conference rooms, and boardrooms.

The SoundStation IP 7000 features Polycom® HD Voice™ technology, boosting productivity and reducing listener fatigue by turning ordinary conference calls into crystal-clear interactive conversations. It delivers high-fidelity audio from 160 Hz to 22 kHz, capturing both the deeper lows and higher frequencies of the human voice for conference calls that sound as natural as being there.

For all conference calls, the SoundStation IP 7000 delivers advanced audio performance that far exceeds previous generations of conference phones. From full-duplex technology that eliminates distracting drop-outs to the latest echo cancellation advancements, only Polycom can deliver a conference phone experience with no compromises.

The SoundStation IP 7000 is the most flexible and expandable conference phone ever developed. Connect two units together for increased loudness and microphone pickup, as well as multiple call control interfaces in the conference room. Connect up to two optional expansion microphones to a single phone to ensure close proximity for everyone in the room.

In the SoundStation IP 7000, Polycom has combined its rich history in voice conferencing and VoIP technology to develop a groundbreaking new conference phone that is the clear choice for SIP-enabled environments. It shares the same SIP phone software with Polycom's award-winning Polycom® SoundPoint® IP desktop phones—the most comprehensive, reliable and feature-rich SIP products in the industry.

### Benefits

- **Polycom® HD Voice™** unparalleled clarity to make your conference calls more efficient and productive
- **Polycom® Acoustic Clarity™ technology**—delivers the best conference phone experience with no compromises
- **Flexible configuration options**—multi-unit connectivity, expansion microphones and integration with Polycom HDX room telepresence solutions to meet the needs of many different types of rooms
- **Strong, robust SIP software**—leverages the most advanced SIP endpoint software in the industry, with advanced call handling, security, and provisioning features

## Additional Polycom SoundStation IP 7000 features/benefits

- Equipped with built-in Power over Ethernet (PoE). An optional A/C power kit also available.
- 20 ft (6.1 m) microphone pickup, and even more with optional expansion microphones or multi-unit connectivity, reaching all corners of the room.
- Automatic Gain Control intelligently adjusts the microphone sensitivity based on where participants are seated in the conference room.
- Features technology that resists interference from mobile phones and other wireless devices, delivering clear communications without distractions.

# SoundStation® IP 7000

## POWER

- IEEE 802.3af Power over Ethernet (built in)
- Optional external universal AC power supply kit: 100-240V, 1.3A, 48V/50W

## DISPLAY

- Size (W x H): 255 x 128 pixels
- White LED backlight with custom intensity control

## KEYPAD

- Standard 12-key keypad
- Context-dependent soft keys: 4
- On-hook/Off-hook, redial, mute, volume up/down
- Directional navigation wheel

## AUDIO FEATURES

- Loudspeaker
  - Frequency: 160-22,000 Hz
  - Volume: Adjustable to 88 dB at 1/2 meter peak volume
- Full-duplex: Type 1 compliant with IEEE 1329 full duplex standards
- Individual volume settings with visual feedback for each audio path
- Acoustic echo cancellation
- Background noise suppression

## CALL HANDLING FEATURES

- Busy Lamp Field (BLF)
- Distinctive incoming call treatment / call waiting
- Call timer
- Call transfer, hold, divert (forward), pickup
- Called, calling, connected party information
- Local three-way conferencing
- One-touch speed dial, redial
- Call waiting
- Automatic off-hook call placement
- Do not disturb function

## OTHER FEATURES

- Local feature-rich GUI
- Time and date display
- User-configurable contact directory and call history (missed, placed, and received)
- Customizable call progress tones
- Unicode UTF-8 character support.
- Multilingual user interface encompassing Chinese, Danish, Dutch, English (Canada/US/UK), French, German, Italian, Japanese, Korean, Norwegian, Portuguese, Russian, Spanish, Swedish

## SAFETY

- UL60950-1
- IEC60950-1
- EN60950-1
- CE Mark
- CSA C22.2, No. 60950-1-03
- AS/NZS60950-1

## EMC

- FCC (47 CFR Part 15) Class A
- ICES-003 Class A
- EN55022 Class A
- CISPR22 Class A
- AS/NZS CISPR22 Class A
- VCCI Class A
- EN55024
- RoHS compliant

## AC POWER VERSION SHIPS WITH:

- Telephone console
- 25 ft (7.6 m) Ethernet cable
- Universal power supply
- 7 ft (2.1 m) region-specific power cord
- Power insertion cable

## ENVIRONMENTAL CONDITIONS

- Operating temperature: 0 – 40°C (+32 – 104°F)
- Relative humidity: 20% – 85% (noncondensing)
- Storage temperature: -30 – +55°C (-22 – 131°F)

## PHONE DIMENSIONS

- 37.2 x 7.3 x 39.4 cm (14.6 x 2.9 x 15.5) (W x H x D)

## PHONE CONSOLE WEIGHT

- 2.4 lb (1.08 kg)

## BOX DIMENSIONS

- 43.3 x 13 x 48.4 cm (17.0 x 5.1 x 19.1 in) (W x H x D)

## BOX WEIGHT

- 5.4 lb (2.43 kg)

## COUNTRY OF ORIGIN

- Thailand

## WARRANTY

- One (1) year



## Cisco SPA 303 3-Line IP Phone

### Basic and Affordable IP Phone for Business or Home Office



#### Highlights

- 3 line phone business-class IP phone
- Connects directly to an Internet telephone service provider
- Dual switched Ethernet ports, speakerphone, caller ID, call hold, conferencing, and more
- Easy installation and highly secure remote provisioning, as well as menu-based configuration
- Supports Session Initiation Protocol (SIP)

#### Telephony Features

- Three voice lines
- Pixel-based display: 128 x 64 monochrome graphical liquid crystal display (LCD)
- Line status: active line indication, name and number
- Menu-driven user interface
- Speakerphone
- Call hold
- Music on hold
- Call waiting
- Caller ID name and number
- Call transfer: attended and blind
- Three-way call conferencing
- Multiparty conferencing via external conference bridge
- Automatic redial of last calling and last called numbers
- On-hook dialing
- Call pickup: selective and group
- Call park and unpark
- Call forwarding: unconditional, no answer, and on busy
- Call logs (60 entries each): made, answered, and missed calls
- Redial from call logs
- Personal directory with auto-dial (100 entries)
- Do not disturb
- Digits dialed with number auto-completion
- Anonymous caller blocking
- On-hook default audio configuration (speakerphone and headset)
- Multiple ring tones with selectable ring tone per line
- Called number with directory name matching
- Ability to call number using name: directory matching or via caller ID
- Subsequent incoming calls show calling name and number
- Date and time with support for intelligent daylight savings
- Call duration and start time stored in call logs
- Call timer
- Speed dialing (8 entries)
- Intercom
- Group paging

# Cisco SPA 303 3-Line IP Phone

## Hardware Features

- Pixel-based display: 128 x 64 monochrome LCD graphical display with backlight
- Dedicated illuminated buttons for:
  - Audio mute on/off
  - Headset on/off
  - Speakerphone on/off
- 4-way rocking directional knob for menu navigation
- Voicemail message waiting indicator light
- Voicemail message retrieval button
- Dedicated hold button
- Settings button for access to feature, setup, and configuration menus
- Volume control rocking up/down knob controls handset, headset, speaker, ringer
- Standard 12-button dialing pad
- High-quality handset and cradle
- Built-in high-quality microphone and speaker
- Headset jack: 2.5 mm
- LED test function
- Two Ethernet ports with integrated Ethernet switch: 10/100BASE-T RJ-45
- 5 VDC universal (100–240V) switching included

## POWER SUPPLY

- Switching type (100–240V) automatic
- DC input voltage: +5 VDC at 1.0A maximum

## PHYSICAL INTERFACES

- Two 10/100BASE-T RJ-45 Ethernet ports (IEEE 802.3)
- Handset: RJ-9 connector
- Built-in speakerphone and microphone
- Headset 2.5-mm port

## INDICATOR LIGHTS/LEDS

- Speakerphone on/off button with LED
- Headset on/off button with LED
- Mute button with LED
- Message waiting indicator LED
- LED test function

## BODY DIMENSIONS

- 220 x 198 x 30 mm (8.66 x 7.80. x 1.18 in.) (W x H x D)

## UNIT WEIGHT

- 1.50 lb ( 0.68kg)

## OPERATING TEMPERATURE

- 0° – 40°C (32° – 104°F)

## STORAGE TEMPERATURE

- -20° – 70°C (-13° – 185°F)

## Regulatory Compliance

- FCC (Part 15, Class B) , UL, CE Mark, A-Tick

## Documentation

- Quick-Start Installation and Configuration Guide
- User Guide

## Package Contents

- Cisco SPA 303 IP phone, handset, and stand
- Handset cord
- RJ-45 Ethernet cable
- Power adapter

## OPERATING HUMIDITY

- 5% to 95% noncondensing

## STORAGE HUMIDITY

- 5% to 95% noncondensing





# Cisco SPA504G 4-Line IP Phone

## 4-Line Business IP Phone with Enhanced Connectivity and Media for a New Level of User Experience



### Highlights

- For business or home office use
- Full-featured 4-line business-class IP phone
- Monochrome backlit display for ease of use, aesthetics, and on-screen applications
- Connects directly to an Internet telephone service provider
- Dual switched Ethernet ports for connecting a computer behind the phone, reducing cabling costs
- Wideband audio for unsurpassed voice clarity and enhanced speaker quality
- Easy installation and highly secure remote provisioning
- Supports Session Initiation Protocol (SIP)

### Telephony Features

- Four voice lines
- Line status: active line indication, with name and number
- Menu-driven user interface
- Speakerphone
- Call hold
- Music on hold
- Call waiting
- Caller ID name and number
- Outbound caller ID blocking
- Call transfer: attended and blind
- Three-way call conferencing
- Automatic redial of last calling and last called numbers
- On-hook dialing
- Call pickup: selective and group
- Call park and unpark
- Call blocking: anonymous
- Call forwarding: unconditional, no answer, on busy
- Call logs (60 entries each): made, answered, and missed calls
- Redial from call logs
- Personal directory with auto-dial (100 entries)
- Do not disturb
- Digits dialed with number auto-completion
- Anonymous caller blocking
- On-hook default audio configuration (speakerphone and headset)
- Called number with directory name matching
- Ability to call number using name: directory matching or via caller ID
- Subsequent incoming calls show calling name and number
- Date and time with support for intelligent daylight savings
- Call start time stored in call logs
- Call timer
- Name and identity (text) displayed at startup
- Speed dialing, eight entries
- Intercom
- Group paging

# Cisco SPA504G 4-Line IP Phone

## Hardware Features

- Pixel-based display: 128 x 64 monochrome LCD graphical display with backlight
- Dedicated illuminated buttons for:
  - Audio mute on/off
  - Headset on/off
  - Speakerphone on/off
- 4-way rocking directional knob for menu navigation
- Voicemail message waiting indicator (VMWI) light
- Voicemail message retrieval button
- Dedicated hold button
- Settings button for access to feature, setup, and configuration menus
- Volume control rocking up/down knob controls handset, headset, speaker, ringer
- Standard 12-button dialing pad
- High-quality handset and cradle
- Built-in high-quality microphone and speaker
- Headset jack: 2.5 mm
- LED test function
- Two Ethernet ports with integrated Ethernet switch: 10/100BASE-T RJ-45
- 802.3af-compliant PoE

## POWER SUPPLY

- Power supply is optional and is purchased separately
- Models: Cisco PA100-NA, PA100-EU, PA100-UK, PA100-AU
- DC output voltage: +5 VDC at 2.0A maximum
- Switching power adapter: 100-240V 50-60 Hz AC input

## PHYSICAL INTERFACES

- Two 10/100BASE-T RJ-45 Ethernet ports (IEEE 802.3)
- Handset: RJ-9 connector
- Built-in speakerphone and microphone
- Headset 2.5-mm port

## INDICATOR LIGHTS/LEDS

- Speakerphone on/off button with LED
- Headset on/off button with LED
- Mute button with LED
- Message waiting LED

## BODY DIMENSIONS

- 214 x 212 x 44 mm (8.42 x 8.35 x 1.73 in.) (W x H x D)

## UNIT WEIGHT

- 2.00 lb ( 0.9kg)

## OPERATING TEMPERATURE

- 0° – 40°C (32° – 104°F)

## Regulatory Compliance

- FCC (Part 15, Class B), CE Mark, A-Tick, C-Tick, Telepermit, UL, CB

## Documentation

- Quick-Start Installation and Configuration Guide
- User Guide

## Package Contents

- Cisco SPA504G 4-Line IP phone, handset, and stand
- Handset cord
- RJ-45 Ethernet cable

## STORAGE TEMPERATURE

- -20° – 70°C (-4° – 158°F)

## OPERATING HUMIDITY

- 5% to 95% noncondensing

## STORAGE HUMIDITY

- 5% to 95% noncondensing



# Cisco SPA525G2 5-Line IP Phone

## 5-Line Business IP Phone with Enhanced Connectivity and Media for a New Level of User Experience

The Cisco SPA525G2 5-Line IP Phone with Color Display is an excellent choice for businesses that require an enhanced user experience. Part of the Cisco Small Business Series, the SPA525G2 uses industry-leading SPA voice over IP (VoIP) technology from Cisco, with high-quality hardware providing additional connectivity via Bluetooth, PoE (802.3af), or a Wireless-G client (802.11g).

The Cisco SPA525G2 IP phone can easily grow with your business. New employees or employees who need to move to another location can simply plug in their preconfigured phones anywhere on the network, and the network will recognize the change. The phone also supports wireless network connectivity, providing unrestricted placement without the cost of running network cabling.

Standard Cisco SPA525G2 features include five active lines, dual switched Ethernet ports, 802.3af PoE support, a 3.2-inch QVGA color display, a full-duplex, high-quality speakerphone, a Bluetooth interface, a Wireless-G (802.11g) client, a 2.5-mm stereo headset port, and a USB 2.0 host port.



### Highlights

- Full-featured and stylish business IP phone
- Cisco Mobile Link: Bluetooth enhanced integration with mobile phones to make and receive calls, import your personal contacts, and charge your mobile phone
- Enhanced network connectivity with Power over Ethernet (PoE), 802.11g Wi-Fi client with Wi-Fi Protected Setup (WPS), and Bluetooth headset support
- Graphics-rich, high-resolution 3.2-inch QVGA 320 x 240 color screen
- Cisco AnyConnect VPN Client: Highly secure Internet phone connection for remote users that is simple and easy to set up
- Cisco XML services framework: Support for productivity applications directly on your phone
- Support for multimedia functions, such as playing MP3s, displaying digital photos, and viewing RSS feeds
- Wideband audio for unsurpassed voice clarity and enhanced speaker quality
- Support for Session Initiation Protocol (SIP)

# Cisco SPA525G2 5-Line IP Phone

## LIGHTED LINE KEYS

- 5 illuminated line buttons with tricolor LEDs

## HOLD KEY

- Puts current call on hold

## VOICEMAIL KEY

- 1-button access to voicemail

## MENU KEY

- Accesses call history, directory, speed dials, MP3 player, web applications, user preferences, network configuration, device administration, and status

## LIGHTED MUTE KEY

- Lights up red when the call is on mute, and turns off when mute is removed. Also lights red in the event of a network failure

## LIGHTED HEADSET KEY

- Lights up green when pressed and using a Bluetooth or 2.5-mm headset for hands-free calling

## LIGHTED SPEAKERPHONE KEY

- Activates full-duplex speakerphone; stays lit while speakerphone is on

## LIGHTED MESSAGE WAITING

- Lights when there is new voicemail; visible on the phone chassis above the LCD screen; stays lit until the new

## INDICATOR

- Voicemail has been processed by the user

## GRAPHICAL DISPLAY

- Color 3.2-in. QVGA (320 x 240 pixels) backlit LCD graphical display

## 5-WAY NAVIGATIONAL BUTTONS

- Navigating menus and multimedia applications

## 4 SOFT-KEY BUTTONS

- Dynamically present calling options to the user

## NETWORK FEATURES

- Cisco Discovery Protocol, IEEE 802.1p/Q

## WI-FI

- 802.11b/g, Wi-Fi Multimedia (WMM) (802.11e)

## WI-FI SECURITY

- Wired Equivalent Privacy (WEP), 64 or 128 bit
- Wi-Fi Protected Access (WPA), Personal and Enterprise
- WPA2, Personal and Enterprise
- Wi-Fi Protected Setup (WPS)

## ETHERNET SWITCH

- 10/100 PC switch port enables LAN connectivity to a co-located PC. 802.3af PoE WAN port; disabled when phone is used in Wi-Fi mode

## VOLUME CONTROL

- Volume-control toggle provides easy decibel-level adjustments of the handset, monitor speaker, and ringer

## APPLICATIONS

- Customizable screen saver on phone display (Photo Album)
- Music player (MP3)

## CALL CONTROL AND AUDIO FEATURES

- Call hold
- Music on hold
- Call waiting
- Caller ID name and number and outbound caller ID blocking
- Outbound caller ID blocking
- Call transfer - attended or blind
- Call conferencing - hosted (N-party) or local (3-party)
- Call forwarding - unconditional, no answer, on busy
- Visual voice message waiting indicator (VMWI)
- Call pickup - selective and group
- Call park and unpark
- Call blocking - anonymous
- Do not disturb
- Intercom
- Group paging
- Extension mobility
- Individual volume setting per audio path (headset/handset/speaker)

## WEIGHT

- 2.0 lbs (0.9 kg)

## BOX DIMENSIONS/WEIGHT

- 12 x 9 x 5 in
- 3.1 lbs (1.4 kg)

## DIMENSIONS

- 212 x 214 x 44 mm (8.3 x 8.4 x 1.7 in) (W x H x D)

## WEIGHT

- 0.9 kg
- 2.0 lb
- 32.8 oz

## PHONE CASING COMPOSITION

- Acrylonitrile butadiene styrene (ABS) plastic in textured dark gray with silver-colored bezel

## OPERATING TEMPERATURE

- 0° – 45°C (32° – 113°F)

## RELATIVE HUMIDITY

- 5% to 95% noncondensing, operating and nonoperating

## STORAGE TEMPERATURE

- -25° – 80°C (-13° – 176°F)