



# Polycom® SoundPoint® IP 501\*

Three-line IP telephone with exceptional sound quality

## Benefits

**Proven** – Polycom is a leading independent supplier of standards-based award winning IP telephones

**Acoustic Clarity Technology** – Polycom's legendary technology that provides exceptional sound quality and allows for simultaneous natural conversation (full duplex)

**Flexibility** – Choice between handset, headset, or natural two-way (full-duplex) speakerphone mode and choice of protocols and Technology Partner solutions

**Easy-to-use** – 12 dedicated feature keys and 4 context-sensitive soft keys; 160x80 pixel graphical grayscale LCD

**Advanced functionality for SIP**

- HTTPS secure provisioning\*\*
- Enhanced call handling\*\*:  
multiple call- and flexible line appearance; simplified conference call handling
- Instant messaging

**Choice of powering options** – Support for AC power (included) and Power over Ethernet options (sold separately)

The SoundPoint IP 501 is a 3-line desktop IP telephone that utilizes Polycom's Acoustic Clarity Technology™ to deliver superb sound quality.



The SoundPoint IP 501\* is a three-line Voice over IP telephone that seamlessly integrates with IP PBX and Softswitch vendors' IP solutions. As protocols develop and standards evolve, it's easy to update the phone in the field via a software download, thus enabling new features and functionality for the phone and protecting your investment. Whether you deploy MGCP or SIP standards, Polycom offers a solution that fits all your business communication needs.

## Enhanced productivity

An intuitive user interface offers dedicated, one button access to common telephony features, and an information-rich graphical LCD display delivers content for messaging, call information, directory access, and applications. Suitable for everyday users, the SoundPoint IP 501 offers superb voice quality when used with a headset, handset or in hands-free speakerphone mode. Polycom industry-leading sound quality implemented in the SoundPoint IP 501 enhances the productivity of your business phone calls, because you will spend less time trying to understand what other people are saying, and more time communicating with them.

## An enterprise-grade IP telephone for Polycom unified collaborative communications solutions

With integrated video, voice, data, and Web capabilities, Polycom offers the only solution that gives you an easy way to connect, conference, and collaborate any way you want. It's our commitment to making distance communications as natural and interactive as being there. Work faster, smarter, and better with the SoundPoint IP 501 and Polycom's integrated communication solutions.

\* - The SoundPoint IP 501 is currently offered in North America, Australia, and New Zealand only  
\*\* - Requires SIP version 1.5.x or higher



# Polycom SoundPoint IP 501\* Specifications

## Size

- 10.5 in x 6 in x 7.5 in x 1.75 in  
(26.5 cm x 15 cm x 19 cm x 4.5 cm) (WxHxDxT)

## Weight

- Shipping: 2.75 lb (1.26 kg)

## Power

- Universal wall adapter with power provided to the unused pairs of network cable. Optional cable for:
  - Cisco® Inline Power
  - IEEE 802.3af Inline Power

## Headset Capability

- 4-position modular jack compatible with Plantronics® and GN Netcom® amplified business headsets

## Handset

- Hearing aid compatible

## Display

- Grayscale graphical 160x80 pixel LCD
- Message alert indicator

## Feature keys

- 12 dedicated feature keys  
(3 keys with display indicators)
- 4 context-sensitive soft keys
- Predefined hold key

## Audio

- Individual volume settings for each audio path with visual display feedback
- Hands-free audio modes including headset and full-duplex speakerphone
- Adaptive jitter buffers to improve speech quality

## Networking

- Dual 10/100 Mbps switched Ethernet ports

## Protocol and Feature Support

- Flexible software architecture allowing drop-in signaling protocol stacks
- IETF MGCP v1.0 with feature phone extensions
  - RFC3435
  - Packet Cable Labs NCS I07
  - RFC3149 (Business Phone Packages)
  - Configurable up to 3 lines – varies by IP PBX or Softswitch solution

- IETF SIP (RFC 3261 and companion RFCs)
  - Local feature-rich GUI
  - Call transfer, hold, divert (forward)
  - Called, calling, connected party Identification/information
  - One-touch speed dial, redial
  - Local 3 way conferencing
  - Simplified conference call handling\*\*
  - Up to 3 dedicated lines
  - Flexible call appearance\*\*
  - Multiple line appearance\*\*
  - User configurable directories and call history (Missed, placed and received)
  - Presence: buddy list, my status
  - Instant messaging
  - Unicode character support
  - Distinctive incoming call treatment/call waiting
  - Do not disturb function
  - Local call timer
  - Multilingual user interface
  - Automatic off-hook call placement
- Security
  - Digest authentication
  - HTTPS secure provisioning\*\*
  - URL syntax for Boot Server address\*\*\* (RFC 1738)
  - Support for “signed” software executables\*\*\*

## Codecs

- G.711  $\mu$ /A and G.729A (Annex B) configuration
- Manual or Dynamic Host Configuration Protocol (DHCP) IP address setup
- Time and date synchronization using SNTP
- Server provisioned XML-based user configuration files

## SoundPoint IP 501 includes:

- Desk stand
- 11-foot CAT 5 network cable with power port
- AC adapter
- Quick start guide
- Warranty registration card

## Approvals

- CISPR 22 class B
- VCCI
- EMI
  - FCC class B Part 15
  - ICES-003 class B
  - EN 55022 class B

## Safety

- UL 1950
- CSA C22.2 No. 950
- EN 60950

## Warranty

- 1 year

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\*\* - Requires SIP version 1.5.x or higher

\*\*\* - Requires BootRom 3.0 or higher

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### Polycom Headquarters:

4750 Willow Road, Pleasanton, CA 94588 (T) 1.800.POLYCOM (765.9266) for North America only.

For North America, Latin America and Caribbean (T) +1.925.924.6000, (F) +1.925.924.6100

### Polycom EMEA:

270 Bath Road, Slough, Berkshire SL1 4DX, (T) +44 (0)1753 723000, (F) +44 (0)1753 723010

### Polycom Asia Pacific:

Polycom Hong Kong Ltd., Rm 1101 MassMutual Tower, 38 Gloucester Road, Wanchai, Hong Kong, (T) +852.2861.3113, (F) +852.2866.8028

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