Polycom® SoundPoint® IP 600

Full-featured IP telephone for business communications

Six-line convenience with unsurpassed hands-free voice quality and a high resolution display.

The award winning SoundPoint IP 600 is your best choice for a standards-based Voice over IP telephone. It is ideal for users requiring multiple lines, and it delivers both traditional telephone capabilities and new, converged applications to your business desktop.

Enhanced productivity

Equipped with a two-port Ethernet switch and auto-sensing Power over Ethernet circuitry, the SoundPoint IP 600 installs easily. It provides a flexible IP communications solution delivering excellent voice quality. An intuitive user interface offers dedicated, single button access to common telephony features. The high-resolution display supplies content for call information, multiple languages, directory access, system status and future applications. The SoundPoint IP 600 is perfect for multi-line telephony usage found in departments/work groups sharing lines, informal call centers and for administrative assistants.

The advanced IP handset for Polycom communication and collaboration 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 600 and Polycom's integrated communication solutions.

Benefits

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

Acoustic Clarity Technology – Polycom's legendary technology that allows simultaneous natural conversation (full duplex)

Multi-line support – Configure up to six lines with individual status display

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

Easy-to-use – 18 dedicated feature keys and 4 context-sensitive soft keys, 320 x 160 pixel, multilevel grayscale graphical LCD

Choice of powering options – Auto-sensing Power over Ethernet supports IEEE 802.3af and Cisco® Inline Powering standards. External power adapter included

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Polycom SoundPoint IP 600 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) (W x H x D x T)

Weight
- Shipping: 2.75 lb (1.26 kg)

Power
- Built-in, autosensing Power over Ethernet with support for:
  - IEEE 802.3af (Draft 3.1) or Cisco Inline Powering
  - External wall adapter included

Headset capability
- Individual modular jack compatible with Plantronics® and GN Netcom® business headsets; amplified headsets are recommended

Handset
- Hearing aid compatible

Display
- 320 x 160 pixel, multilevel grayscale graphical LCD

Message alert indicator

Feature keys
- 18 dedicated feature keys
  - 6 line keys through predefined hold key
  - 8 configurable feature keys
  - Illuminated mute key
  - Illuminated headset and hands-free speaker phone keys
  - Dedicated hold key
- 4 context-sensitive soft keys
- 6 Display/menu navigation keys

Audio
- Individual volume settings for each audio path with visual feedback
- Customizable audio sound effects
- Full duplex hands-free speakerphone
- Headset mode
- Local 3-way conferencing (partner specific in MGCP)
- Support for G.711 µ/A and G.729A (Annex B) codecs
- Adaptive jitter buffers to improve speech quality
- Packet Loss Concealment
- Acoustic echo cancellation
- Background noise suppression

Network and provisioning
- Dual 10/100 Mbps switched Ethernet ports
- Manual or dynamic host configuration protocol (DHCP) network setup
- Time and date synchronization using SNTP
- Server-based Central provisioning for mass deployments
- Web portal for individual unit configuration
- Support for IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS
- Network Address Translation (NAT) support
- RTCP support (RFC1889)
- Event logging

Protocol support
- IETF MGCP v1.0 with feature phone extension
  - RFC3435
  - Packet Cable Labs NCS IO7
  - RFC3149 (Business Phone Packages)
  - Configurable up to 6 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
  - Up to 3 dedicated lines, 2 call appearances per line with call waiting indication
  - 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 features such as digest authentication

Feature summary
- Local feature-rich GUI
- Shared Call Appearance (Key System Emulation)
- Call transfer, hold, divert (forward)
- Called, calling, connected party identification/information
- One-touch speed dial, redial
- Local 3-way conferencing
- Up to 6 dedicated lines
- User-configurable contact directory
- Presence: buddy list, my status, watcher list and blocked list (SIP)
- Instant messaging (SIP)
- Unicode UTF-8 character support
- Distinctive incoming call treatment/call waiting
- Do not disturb function
- Call timer
- Multilingual user interface
  - Chinese
  - Danish
  - Dutch
  - English (Canadian)
  - English (UK)
  - English (US)
  - French
  - German
  - Italian
  - Japanese
  - Korean
  - Norwegian
  - Portuguese
  - Russian
  - Spanish
  - Swedish
- Country Specific Call Progress Tones
- Wave File Support for Call Progress Tones
- Automatic off-hook call placement
- Security features such as digest authentication (SIP)
- Hardware Diagnostics
- Status and Statistics Quer

SoundPoint IP 600 comes with:
- SoundPoint IP 600 console
- Handset and headset cord
- Telephone base
- Network cable
- Power adapter
- Quick Start Guide
- Warranty registration card

Approvals
- CISPR 22 class B
- VCCI class B
- AS/NZ 3548 class B
- EMI
  - FCC class B Part 15
  - ICES-003 class B
  - EN 55022 class B and EN 55024

Safety
- UL 1950
- CE Mark
- CSA C22.2 No. 950
- EN 60950

Warranty
- 1 Year

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