# Polycom SoundStation IP 4000 SIP

## Remarkable voice quality for your SIP environment

### Polycom SoundStation IP 4000 Benefits

**More productive calls** – Polycom's patented Acoustic Clarity Technology allows simultaneous, natural, free-flowing conversation

**Hear and be heard clearly** – Speak up to 10-feet from a microphone and be heard clearly on the far end of the call

**Ability to increase coverage** – Optional extended microphones expand coverage to 20 x 30 feet for larger conference rooms

**Reduce echo and background noise** – Gated microphones nearly eliminate distracting echo and room noise

**Backlit display provides ease of use** – 248 X 68 pixel resolution LCD makes menu navigation easy; Support for foreign languages including Asian characters

## Communicate your ideas clearly and with impact.

With improved audio quality over the original Polycom SoundStation IP 3000 conference phone, the SoundStation IP 4000 SIP voice conferencing unit is the answer for organizations that are ready for the benefits and versatility of a SIP enabled business.

Designed for offices or small to medium sized conference rooms, the SoundStation IP 4000 SIP provides remarkable room coverage. You can speak naturally from up to 10-feet away from a microphone and still be heard clearly on the far end of the call. Need coverage for a larger room? The optional extension microphones offer an increased pickup for larger rooms. Plus, with gated microphone technology, echo and background noise is almost entirely eliminated.

The SoundStation IP 4000 SIP also provides familiar features that are easy to use. The menu driven user interface, viewable on a high-resolution backlit LCD, offers convenient access to business telephony functions you use most including transfer, hold, redial, and conference.

For your next conference call, enjoy great voice quality and the convenience of connecting directly into your SIP-based call management system* with the Polycom SoundStation IP 4000 SIP. And, coupled with Polycom's desktop SoundPoint IP SIP telephones, the SoundStation IP 4000 SIP is the natural addition to your IP conference room and office.

*For a list of Polycom's SIP Technology Partners that have certified this product with their solution, please visit www.polycom.com.

### The new standard for everyday conferencing to access the power of Polycom unified collaborative communications solutions.

With the greatest breadth and depth of integrated video, voice, and Web solutions, only Polycom delivers the ultimate communications experience. Our market-leading conferencing and collaboration technologies, supported by world-class service, enable people and organizations to maximize their effectiveness and productivity. Add to that the most experience and proven best-practices in the industry, and it's clear why Polycom has become the smart choice for organizations seeking a strategic advantage in a real-time world.

*Connect. Any Way You Want.*

**Technical specifications**

### Size

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

### Weight

- 1.75 lb. (0.8 kg)

### Power

- Universal power supply (110/220 V, 50/60 cycles) (100 V for Japan)

### Display

- High-resolution, backlit, graphical LCD
- Keypad
  - 12-key telephone keypad
  - On-hook/off-hook, redial, mute, volume up/down keys, menu navigation keys
  - Three context-dependent softkeys

### Loudspeaker

- Frequency response: 300 - 3300 Hz
- Volume: Adjustable to 85 dB at 1/2 meter peak volume

### Network interface

- Ethernet 10/100BaseT
- IP address configuration
  - DHCP
  - Static IP
- Supported codecs
  - G.711 (A-law and μ-law)
  - G.729a (Annex B)
- Time synchronization with SNTP server
- User selectable ringer tones
- Convenient volume adjustment keys
- Field upgradeable
  - Trouble-free software maintenance
  - Extends the life of the product to protect your investment

**Regulatory compliance**

### Safety

- UL1950
- CSA C22.2, No. 950
- EN60950
- IEC60950
- AS/NZS3260

### EMC

- FCC (47 CFR Part 15) Class B
- ICES-003 Class
- EN55022 Class B
- CISPR22 Class B

- AS/NZS 3548 Class B
- VCCI Class B
- EN55024

### Protocol support

- IETF SIP (RFC 3261 and companion RFCs)
  - Local feature-rich GUI
  - Call transfer, hold, divert (forward)
  - Called, calling, connected party identification/information
  - One-touch redial
  - Local 3 way conferencing
  - Up to 2 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

### Quality of service architecture

- Silence suppression
- Echo cancellation
- Jitter buffer

### Management support

- Web-based configuration (HTTP)
- (T)FTP support for downloading of software updates and configuration files

### SoundStation IP 4000 ships with:

- Quick reference guide
- Warranty registration card
- Tabletop console with integrated display and keypad
- Power Interface Module (PIM)
- Universal power supply brick
- 6 ft Cat 5 Ethernet cable
- 25 ft Power/Ethernet cable (Connects PIM to console)

### Warranty

- One year

### Environment conditions

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

### SoundStation IP 4000 features

- Full-duplex speakerphone
- Multiple call support
- Hold
- Call transfer (if supported by IP telephony system)
- Local 3 way conferencing
- Centralized Conference (if supported by IP telephony system)
- Redial
- Mute
- Caller ID (if supported by IP telephony system)
- Phone book

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