

# Business Services

# POLYCOM® SOUNDSTATION® IP 6000

SIP-BASED IP CONFERENCE PHONE

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## Data Sheet

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## INTRODUCTION

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

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



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.

The SoundStation IP 6000 leverages Polycom's strong history in both conference phone and VoIP technology to deliver the most robust standards-based SIP interoperability in the industry. It shares the same SIP phone software base with Polycom's award-winning SoundPoint® IP products—the most comprehensive, reliable and feature-rich SIP products in the industry, with proven interoperability with a broad array of IP PBX and hosted platforms.

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 AC power kit available for non-PoE environments. Plus, the SoundStation IP 6000 includes a high-resolution backlit display for vital call information and multi- language support.

## BENEFITS

- **Polycom's patented Acoustic Clarity Technology** - Deliver the best conference phone experience with no compromises
- **12-foot microphone pickup** - combined with Automatic Gain Control for performance far beyond older SoundStation IP conference phones. Add up to two optional expansion microphones for even greater coverage.
- **Industry-leading SIP software** - leveraging the most advanced SIP endpoint software in the industry, with advanced call handling, security, and provisioning features
- **Robust interoperability** - compatible with a broad array of SIP call platforms to maximize voice quality and feature availability while simplifying management and administration
- **High-resolution display** - enables robust call information and multi- language support

## PRODUCT SPECIFICATIONS

### Power

- IEEE 802.3af Power over Ethernet (built in)
- Optional external universal AC power supply: 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: 3
- On-hook/Off-hook, redial, mute, volume up/down

### 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.711 (A-law and Mu-law)

### **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
- Remote missed call notification
- Automatic off-hook call placement
- Do not disturb function

### **Other features**

- Time and date display
- User-configurable contact directory and call history (missed, placed, and received) via the WOW! Business CommPortal
- Customizable call progress tones
- Unicode UTF-8 character support

### **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)

### **IEEE 802.3af Power over Ethernet version ships with:**

- Telephone Console
- 25 foot Ethernet cable
- Quick Start Guide
- Quick User Guide

### **AC Power version ships with:**

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

### **Environmental conditions**

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

## ADDITIONAL SUPPORT

Additional user guides and tutorials to assist you with your WOW! Business services can be found at [wowforbusiness.com/support](http://wowforbusiness.com/support).

Additional information specific to your Polycom phone can be found at [www.polycom.com](http://www.polycom.com).



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