

# Polycom® SoundStation® IP 7000

## IP Conference Phone

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 robust capabilities for SIP-based VoIP platforms. Ideal for boardrooms, conference rooms, auditoriums and executive offices, the SoundStation IP 7000 is the most advanced and expandable conference phone ever developed. Connect two units together or add optional expansion microphones for increased room coverage and voice pickup. Connect the SoundStation IP 7000 to a Polycom HDX® video conferencing system for a complete, integrated voice and video conferencing solution.

The SoundStation IP 7000 features Polycom® HD Voice™ that delivers high-fidelity audio from 160Hz to 22kHz, boosting productivity and reducing listener fatigue by turning ordinary conference calls into crystal-clear interactive conversations. From full-duplex audio 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 shares the same UC software with Polycom's award-winning SoundPoint® IP products—the most comprehensive, reliable and feature-rich SIP products in the industry, with proven interoperability across a broad array of IP PBX and hosted platforms—making it the clear choice for SIP environments. A large multi-line high-resolution LCD display with multi-language support offers call information and context sensitive call functions.

### About Polycom

Polycom is the global leader in standards-based unified communications (UC) solutions for telepresence, video, and voice powered by the Polycom® RealPresence® Platform. The RealPresence Platform interoperates with the broadest range of business, mobile, and social applications and devices. More than 400,000 organizations trust Polycom solutions to collaborate and meet face-to-face from any location for more productive and effective engagement with colleagues, partners, customers, specialists, and prospects. Polycom, together with its broad partner ecosystem, provides customers with the best TCO, scalability, and security for video collaboration, whether on-premises, hosted, or cloud-delivered. Visit [www.polycom.com](http://www.polycom.com) or connect with Polycom on Twitter, Facebook, and LinkedIn.



### Benefits

**Polycom HD Voice** – unparalleled clarity to make your conference calls more efficient and productive

**Polycom's patented 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 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

**Robust interoperability** – compatible with a broad array of SIP call platforms to maximize voice quality and feature availability while simplifying management and administration

**Large high-resolution display with XHTML microbrowser** – enables new applications that make conference calling easier and more functional

# Polycom® SoundStation® IP 7000 Conference Phone

## Features and Specifications

### Additional SoundStation IP 7000 features/benefits

- Equipped with built-in Power over Ethernet (PoE). An optional A/C power kit also available.
- 20-foot 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.
- Built-in 2.5mm applications port allows you to connect the conference phone to a mobile phone for productive calls even where no network connection is available, or to a computer for calls using PC-based soft phone clients.

### Power

- IEEE 802.3af Power over Ethernet (Class 3)
- Optional external universal AC power supply: 100-240V, 1.5A, 48V/50W

### Display

- Size (pixels): 255 x 128 (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, menu, navigation keys

### Audio Features

- 3 cardioid microphones 200 to 22,000 Hz
- Loudspeaker frequency response: 160-22,000 Hz
- 20ft (6.1m) microphone pickup
- Volume: Adjustable to 88 dB at 0.5 meter peak volume
- Full-duplex: Type 1 compliant with IEEE 1329
- Individual volume settings with visual feedback for each audio path
- Automatic Gain Control
- 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)
  - G.729a (Annex B)
  - G.722, G722.1
  - G.722.1C
  - Siren 14
  - Siren 22
  - iLBC 13.33 and 15.2kbps

### SIP Call Handling Features

- Call transfer, hold, divert (forward) and pickup
- Distinctive incoming call treatment/call waiting
- Advanced Local three-way conferencing (conference, join, split, hold, resume)
- One-touch speed dial, redial
- Remote missed call notification
- Automatic off-hook call placement
- SIP URI dialing
- Do not disturb function
- Shared call/bridged line appearance
- Busy Lamp Field (BLF)
- Multicast Group Paging and Push-to-Talk

### Other Features

- Integration with Polycom HDX video systems
- SIP Server Redundancy
- Time and date display/call timer
- User-configurable contact directory and call history

### Polycom Worldwide Headquarters

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- (missed, placed, and received)
- Corporate Directory (LDAP) support
- User selectable ringer tones
- Wave file support for call progress tones
- Unicode UTF-8 character support
- Multilingual user interface encompassing Simplified Chinese, Traditional Chinese, Danish, Dutch, English (Canada /US/UK), French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Slovenian, Spanish, Swedish
- Called, calling, connected party information

### Interfaces

- Ethernet 10/100 Base-T
- 2.5mm connection port (audio in/out) for PCs and mobile phones
- 2 Walta ports for wired expansion microphones, daisy-chaining and Polycom HDX video integration

### Network and Provisioning

- IP Address Configuration: DHCP and Static IP
- Time synchronization with SNTP server
- FTP/FTTP/FTPS/HTTP/HTTPS server-based central provisioning for mass deployments. Provisioning server redundancy supported.
- Web portal for individual unit configuration and online software upgrade
- QoS Support: IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS and DSCP
- Network Address Translation (NAT) support - static
- RTCP support (RFC 1889)
- Configuration import/export
- Local digit map (dialing plan)
- Hardware diagnostics
- Status and statistics
- Reset to factory settings

### Security

- Transport Layer Security (TLS)
- Encrypted configuration files
- Digest authentication
- Password login
- Support for URL syntax with password for boot server
- HTTPS secure provisioning
- Support for signed software executables
- IEEE 802.1x Network Access Control

### Safety

- UL60950-1
- IEC60950-1
- EN60950-1
- CE Mark
- CAN/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

### Telecom

- AS/ACIF S004
- Telepermit
- KC
- TRA
- ANATEL
- GOST-R

### Protocol Support

- IETF SIP (RFC 3261 and companion RFCs)

### Power over Ethernet version ships with

- Conference Phone Console
- 25 foot (7.6m) Ethernet cable
- Quick Start Guide

### AC Power version ships with

- Conference Phone Console
- 25 foot (7.6m) Ethernet cable
- Universal Power Supply 48V, 1.5A
- 7 foot (2.1m) region-specific power cord
- Power Insertion Cable
- Quick Start Guide

### HDX Ready version ships with

- Conference Phone Console
- 25 foot (7.6m) Ethernet cable
- 10 foot (3m) CLink2 cable for connection to HDX
- Quick Start Guide

### Accessories

- 2 wired or wireless expansion microphones
- Lapel pin microphone (limited availability)
- Multi Interface Module for daisy-chaining, lapel pin microphone and external speaker connectivity

### Environmental Conditions

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

### Warranty

- 1 year

### Country of Origin

- Thailand

### Phone Dimensions

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

### Phone Console Weight

- 2.4 lb (1.08 kg)

### Box Dimensions

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

### Box Weight

- 5.4 lb (2.43 kg)

