Polycom®
SoundStation®
IP 7000

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 a robust feature set for SIP-based VoIP platforms. It is the most advanced conference phone ever developed, and is ideal for executive offices, conference rooms, and boardrooms.

- **Polycom® HD Voice™**— unparalleled clarity to make your conference calls more efficient and productive
- **Polycom® Acoustic Clarity™ technology**—delivers the best conference phone experience with no compromises
- **Flexible configuration options**— multi-unit connectivity, expansion microphones and integration with
- **Large high-resolution display with XHTML microbrowser**— enables new applications that make conference calling easier and more functional

Power

- IEEE 802.3af Power over Ethernet (built in)
- Optional external universal AC power supply: 100-240V, 1.3A, 48V/50W

Display

- Size (W x H): 255 x 128 pixels
- 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
- Directional navigation wheel

Audio features

- Loudspeaker
- Frequency: 160–22,000 Hz
- Volume: Adjustable to 88 dB at 1/2 meter peak volume
- Full-duplex: Type 1 compliant with IEEE 1329 full duplex standards
- 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)
- G.729a (Annex B)
- G.722

Call handling features

- 2 Shared call/bridged line appearance
- 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

- Local feature-rich GUI
- Time and date display
- User-configurable contact directory and call history (missed, placed, and received)
- Customizable call progress tones
- Wave file support for call progress tones
- Unicode UTF-8 character support. Multilingual user interface encompassing Chinese, Danish, Dutch, English (Canada/ US/UK), French, German, Italian, Japanese, Korean, Norwegian, Portuguese, Russian, Spanish, Swedish

Network and provisioning

- Ethernet 10/100 Base-T
- 2.5 mm connection port
- EX mic ports: Two Walta ports
- IP Address Configuration: DHCP and Static IP
- Time synchronization with SNTP server
- HTTP/HTTPS server-based central provisioning for mass deployments. Provisioning server redundancy supported.
- Web portal for individual unit configuration
- QoS Support—IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS and DSCP
- Network Address Translation (NAT) support—static
- RTCP support (RFC 1889)
- Event logging
- Local digit map
- Hardware diagnostics
- Status and statistics
- User selectable ringer tones
- Convenient volume adjustment keys
- Field upgradeable

Security

- Encrypted configuration files
- Digest authentication
- Password login
- Support for URL syntax with password for boot server
- HTTPS secure provisioning Support for signed software executables

Safety

- UL60950-1
- IEC60950-1
- EN60950-1
- CE Mark
- 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

Protocol support

- IETF SIP (RFC 3261 and companion RFCs)
- IEEE 802.3af Power over Ethernet version

AC Power version ships with

- Telephone console
- 25 ft (7.6 m) Ethernet cable
- Universal power supply
- 7 ft (2.1 m) region-specific power cord
- Power insertion cable
- Quick Start Guide
- Quick User Guide

HDX room telepresence systems ready version ships with

- Telephone console
- 25 ft (7.6 m) Ethernet cable
- 15 ft (4.6) C-link cable for connection to HDX group video systems
- Quick Start Guide
- Quick User Guide

Environmental conditions

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

Warranty

- 1 year

Country of origin

- Thailand

Phone dimensions (L x W x H)

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

Phone console weight

- 2.4 lb (1.08 kg)

Box dimensions (L x W x H)

- 19.1 x 17.0 x 5.1 in (48.4 x 43.3 x 13 cm)

Box weight

- 5.4 lb (2.43 kg)