

POLYCOM® IP7000 CONFERENCE PHONE

Astounding voice quality and clarity from one of the world's most advanced high definition conference phones.

Polycom IP7000 conference phone

The Polycom IP7000 is a breakthrough conference phone that delivers outstanding performance and a robust feature set for SIP-based VoIP platforms. It is one of the most advanced conference phones ever developed, and is ideal for executive offices, large conference rooms and boardrooms.

The IP7000 features Polycom HD Voice technology, to help boost productivity and reduce listener fatigue by turning ordinary conference calls into crystal clear, interactive conversations. It delivers high-fidelity audio from 160 Hz to 22 kHz, capturing both the deeper lows and higher frequencies of the human voice for conference calls that sound as natural as being there.

For all conference calls, the IP7000 delivers advanced audio performance that far exceeds previous generations of conference phones. With full-duplex technology that eliminates distracting dropouts to the latest echo-cancellation advancements, IP7000 delivers a conference phone experience with no compromises.

The IP7000 is one of the most flexible and expandable conference phones ever developed. Connect two units together for increased loudness and microphone pickup, as well as multiple call control interfaces in the conference room.

Connect up to two optional expansion microphones to a single phone to ensure close proximity for everyone in the room.

Benefits

Polycom HD Voice

Provides unparalleled clarity to make your conference calls more efficient and productive.

Patented Polycom Acoustic Clarity™ technology

Delivers the best conference phone experience with no compromises.

Flexible configuration options

Multi-unit connectivity and expansion microphones that meet the needs of many different types of rooms.

Broad interoperability

The Polycom IP7000 conference phone has been tested and certified to deliver comprehensive interoperability and extensive feature support with the Telstra IP Telephony platform. Therefore you can rely on it to deliver on its promise of great sound quality and industry-leading feature set.

Additional Polycom IP7000 features

- Equipped with built-in Power over Ethernet (PoE) – an optional A/C power kit also available
- 6-metre 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

Polycom IP7000 specifications

Power

- IEEE 802.3af Power over Ethernet (built-in)
- Optional external universal AC power supply: 100 to 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

Audio features

- Loudspeaker
 - Frequency: 160-22,000 Hz
 - Volume: Adjustable to 85 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
- 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, G.722.1
 - G.722.1C
 - Siren 14
 - Siren 22

Call-handling features¹

- Shared call appearance
- Distinctive incoming-call treatment
- Call timer
- Call transfer, hold, divert (forward), pickup
- Called, calling, connected party information
- N-way conferencing (up to 8 parties)
- One-touch speed dial, redial
- Call waiting
- Remote missed-call notification
- 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)
- Unicode UTF-8 character support

Network and provisioning

- Ethernet 10/100 Base-T
- 2.5mm connection port
- Expansion mic ports: Two Walta ports for digital connection to extension microphones
- IP Address Configuration: DHCP and Static IP
- Time synchronisation with SNTP server
- Server-based central provisioning for mass deployments from Telstra's hosted CPE configuration server
- QoS Support - IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS and DSCP
- RTCP support (RFC 1889)
- Event logging
- Hardware diagnostics
- Status and statistics
- User-selectable ringer tones
- Convenient volume adjustment keys

Safety

- UL1950
- CE Mark
- CSA C22.2, No 60950
- EN60950
- IEC60950
- AS/NZSS3260

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
- EN61000-3-2; EN61000-3-3
- EN55024
- ROHS compliant

Protocol support

- IETF SIP (RFC 3261 and companion RFCs)

Polycom IP7000 comes with:

- Telephone Console
- 7.6-metre Ethernet cable

Environmental conditions

- Operating temperature: 0 to 40°C
- Relative humidity: 20% to 85% (noncondensing)
- Storage temperature: -3 to 55 °C

Phone dimensions

- 39.4 x 37.2 x 7.3 cm (L x W x H)

Phone console weight

- 1.08 kg

IF YOU HAVE ANY QUESTIONS
PLEASE CONTACT YOUR
TELSTRA ACCOUNT EXECUTIVE
CLICK TELSTRA.COM/ENTERPRISE
CALL **1300TELSTRA (1300 835 787)**



1. Some of these features need to be supported by an appropriate call/application server. © 2009 Polycom, Inc. All rights reserved. Polycom and the Polycom logo design are registered trademarks of Polycom, Inc. in the US and various countries. All other trademarks are the property of their respective owners. Information in this document is subject to change without notice.