

## Polycom SoundPoint IP 670 VoIP Phone (IP670)



Product Name: Polycom SoundPoint IP 670 VoIP Phone (IP670)

Manufacturer: -

Model Number: IP 670

Please Note: The Polycom SoundPoint has been discontinued. For an alternative, please see the other Polycom VoIP Phones.

Polycom SoundPoint IP 670 VoIP Phone (IP670)

The Polycom SoundPoint IP 670 is an application-enabled desktop VoIP phone with a high-performance colour display and Polycom's revolutionary HD Voice, offering unparalleled voice quality and Gigabit Ethernet connectivity.

Polycom IP 670 Key Features

- A large, vibrant color display for easier viewing and navigation
- Revolutionary voice quality with Polycom HD Voice<sup>®</sup> technology
- Integrated Gigabit Ethernet (GigE) switch to enable bandwidth-intensive applications
- Six lines in stand-alone mode and 34 lines with three Polycom SoundPoint IP Color Expansion Modules
- A visually improved platform to enable a high level of integration with productivity-enhancing applications and business processes
- Built-in USB port to support applications, such as Local Call Recording from the Polycom Productivity Suite

The SoundPoint IP670 is designed to provide professionals with a vibrant color interface for easier viewing and navigation. This offers a high level of integration with productivity-enhancing applications and business processes.

The Polycom SoundPoint IP 670 features a backlit, large color display that enables rich visual presentation and easier navigation of the menu. The SoundPoint IP 670 is an ideal platform for accessing applications, such as the Polycom Productivity Suite, through its vibrant color user interface.

Note: Please refer to the Polycom VoIP Phone Range Detailed Comparison Table for more information.

Polycom SoundPoint IP 670 VoIP Phone Technical Specifications

Lines (Direct Numbers)

- Up to 6 lines (standalone mode)
- Up to 34 lines with Expansion Module(s)

SoundPoint IP Color Expansion Module Support

- The PoE version supports one Color Expansion Module
- The PSU version supports up to three Color Expansion Modules

Display

- 320 x 160 backlit color graphical LCD
- LED backlight with custom variable intensity control

Feature Keys

- 4 context-sensitive "soft" keys

## Polycom SoundPoint IP 670 VoIP Phone (IP670)

- 26 dedicated "hard" keys
- 6 line keys with bi-color (red/green) LED
- 8 feature keys
- 6 display/menu navigation keys
- 2 volume control keys
- Illuminated mute key
- Illuminated headset key
- Illuminated hands-free speakerphone key
- Dedicated hold key

### Headset and Hearing Aid Compatibility

- Dedicated RJ-9 headset port: Amplified headsets are recommended
- Compliant with ADA Section 508 Recommendations: Subpart B 1194.23 (all)
- Hearing Aid Compatible (HAC) handset for magnetic coupling to approved HAC hearing aids
- Compatible with commercially-available TTY adapter equipment

### Audio Features

- Polycom HD Voice technology delivers life-like voice quality for each audio path - the handset, the hands-free speakerphone, and the headset
- Full-duplex hands-free speakerphone: Type 1 compliant with IEEE 1329 full duplex standards
- Frequency response - 150Hz - 7kHz for handset, headset and hands-free speakerphone modes
- Codecs: G.722 (wideband), G.711 &micro;/A, and G.729A (Annex B)
- 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

### Call Handling Features

- Shared call/bridged line appearance
- Flexible line appearance (one or more line keys can be assigned for each line extension)
- 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
- Intercom
- Automatic off-hook call placement
- Do not disturb function

### Other Features

- Enabled for the Polycom Productivity Suite

## Polycom SoundPoint IP 670 VoIP Phone (IP670)

- Integration with Microsoft LCS 2005 for telephone and presence

- Compatibility with Microsoft Office Communicator and Windows® Messenger 5.1 Clients

- Universal Serial Bus (USB)

- Full Host Controller

- Compliant with OHCI 1.1 specification

- Support for Full-speed and Low-speed peripherals

- Type-A receptacle interface

- 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 Danish, Dutch, English (Canada/US/UK), French, German, Italian, Norwegian, Russian, Spanish, Swedish

### Protocol Support

- IETF SIP (RFC 3261 and companion RFCs)

### Network and Provisioning

- Two-port Gigabit Ethernet switch:

- 10/100/1000Base-Tx across LAN and PC ports

- Conformant to IEEE802.3-2005 (Clause 40) for Physical Media Attachment

- Conformant to IEEE802.3-2002 (Clause 28) for Link Partner Auto-Negotiation

- Manual or dynamic host configuration protocol (DHCP) network setup

- Time and date synchronization using SNTP

- FTP/TFTP/HTTP/HTTPS server-based central provisioning for mass deployments.

- Provisioning server redundancy supported

- Web portal for individual unit configuration

- QoS Support &ndash; IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DSCP

- Network Address Translation (NAT) support &ndash; static

- RTCP support (RFC 1889)

- Event logging

- Local digit map

- Hardware diagnostics

- Status and statistics

### Security

- Transport Layer Security (TLS)

- Encrypted configuration files

- Digest authentication

- Password login

- Support for URL syntax with password for boot server address

- HTTPS secure provisioning

- Support for signed software executables

### Power

## Polycom SoundPoint IP 670 VoIP Phone (IP670)

- Built-in, auto-sensing IEEE 802.3af Power over Ethernet
- External Source 48V DC, optional

### Approvals

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- AS/NZS CISPR 22 Class B
- VCCI Class B
- EN55024
- EN61000-3-2; EN61000-3-3
- ROHS compliant

### Safety

- UL 60950
- CE Mark
- CAN/CSA-C22.2 No. 60950
- EN 60950-1
- IEC 60950-1
- AS/NZS 60950

### Operating Conditions

- Temperature: 0 to 40°C (+32 to 104°F)
- Relative Humidity: 5% to 95%, non-condensing

### Storage Temperature

- -40 to +70°C (-40 to +160°F)

### Polycom SoundPoint IP 670 VoIP Phone Comes With:

- Polycom SoundPoint IP 670 VoIP Phone console
- Handset with handset cord
- Base stand
- Network (LAN) cable
- Quick Start Guide
- Product registration card

### Size

- 10.5 in x 6 in x 7.5 in x 2.5 in
- (26.5 cm x 15 cm x 19 cm x 6.5 cm)

### Weight

- 4.83lb (2.19kg)

### Connections Illustration

## Polycom SoundPoint IP 670 VoIP Phone (IP670)

### **Please Enquire**

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Options available for Polycom SoundPoint IP 670 VoIP Phone (IP670) :

#### **Power Supply Required?**

- Not Required -, 40V Power Supply (+£10.50).