

## Polycom SoundPoint IP 550 VoIP Phone (IP550)



Product Name: Polycom SoundPoint IP 550 VoIP Phone (IP550)

Manufacturer: -

Model Number: 2200-12550-025

Please Note: The Polycom SoundPoint IP550 has been discontinued. For an alternative, please see the other Polycom VoIP Phones.

Polycom SoundPoint IP 550 VoIP Phone (IP550)

The Polycom SoundPoint IP550 is a four-line SIP phone that delivers calls of unprecedented richness and clarity and supports a comprehensive range of cutting-edge features.

Polycom SoundPoint IP 550 Key Features

• Four lines

• Polycom HD Voice technology, including support of G.722 wideband codec, Acoustic Clarity Technology 2, and systems design optimized for Polycom HD Voice technology

• Advanced functionality, including shared lines, busy lamp field, presence, and XHTML application

• Backlit 320 x 160-pixel grayscale graphical LCD

• Integrated IEEE 802.3af Power over Ethernet (PoE) support

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

**Unparalleled Sound Quality**

The Polycom SoundPoint IP 550 VoIP Phone features Polycom's revolutionary HD Voice technology, which brings life-like richness and clarity to every call. Polycom HD Voice technology incorporates wideband audio for over twice the voice clarity; Polycom's patented Acoustic Clarity Technology for crystal-clear, noise and echo-free sound, plus best-in-class system design for high-fidelity, faithful voice reproduction.

**Comprehensive, Cutting-Edge Feature Set**

The Polycom SoundPoint IP 550 VoIP Phone delivers advanced features and capabilities, such as shared call / bridged line appearance, busy lamp field (BLF), presence, text messaging, and buddy lists. The Polycom SoundPoint IP 550 VoIP Phone also boasts an integrated XHTML micro-browser that allows users to take advantage of productivity-enhancing Web-based applications..

**Efficient Installation and Provisioning**

The Polycom SoundPoint IP 550 VoIP Phone is engineered to make installation, configuration, and upgrades as simple and efficient as possible. The phone's built-in IEEE 802.3af PoE circuitry and a dual-port Ethernet switch enable flexible deployment options and savings on cabling expenses. The Polycom SoundPoint IP 550 VoIP Phone supports remote, zero-touch provisioning and upgrades from a variety of servers, including FTP, TFTP, HTTP, or HTTPS. To ensure reliable, uninterrupted performance, the phone supports boot4 and call server redundancy.

**Broad Interoperability**

The IP 550 from Polycom SoundPoint has been tested and certified to deliver comprehensive interoperability and extensive feature support with leading SIP-based call control platforms by BroadSoft, Sylanro, Interactive Intelligence/Vonexus, Digium, and other Polycom Technology and Interoperability Partners. The phone also interoperates with Microsoft Live Communications Server (LCS) 2005 for telephony and presence.

**Connections Illustration**

Polycom SoundPoint IP 550 VoIP Phone Technical Specifications

Lines (Direct Numbers)

• Up to 4 lines with up to 2 concurrent calls per line

## Polycom SoundPoint IP 550 VoIP Phone (IP550)

### Display

- 320 x 160 backlit grayscale graphical LCD
- White LED backlight with custom intensity control

### Feature Keys

- 4 context-sensitive "soft" keys
- 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

- Compliant with ADA Section 508 Recommendations: Subpart B 1194.23 (all)
- Hearing Aid Compatible (HAC) handset for magnetic coupling to approved HAC hearing aids
- Compatibility 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

## Polycom SoundPoint IP 550 VoIP Phone (IP550)

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

### Other Features

- Interoperability with Microsoft LCS 2005 for telephony and presence
- 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 10/100 Mbps Ethernet switch
- 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
- Syslog
- 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
- HTTPS secure provisioning
- Support for signed software executables

### Power

- Built-in, auto-sensing IEEE 802.3af Power over Ethernet
- External Universal AC adapter (optional, 48V DC)

### Approvals

- FCC Part 15 (CFR 47) Class B

## Polycom SoundPoint IP 550 VoIP Phone (IP550)

- 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
- Anatel
- GOST
- C-tick
- CCC

### Safety

- UL/C-UL
- CE Mark
- 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 550 VoIP Phone Comes With:

- Polycom SoundPoint IP 550 VoIP Phone console
- Handset with handset cord
- Base stand
- Network (LAN) cable
- Quick Start Guide
- Product registration card

### Size

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

### Weight

- 2.045kg

**Please Enquire**

## Polycom SoundPoint IP 550 VoIP Phone (IP550)

Options available for Polycom SoundPoint IP 550 VoIP Phone (IP550) :

### **Power Supply Required?**

[Require Polycom Power Supply \(+£10.50\)](#), - Not Required -.