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

ï¿½ Four lines
ï¿½ Polycom HD Voice technology, including support of G.722 wideband codec, Acoustic Clarity Technology 2, and systems design optimized for Polycom HD Voice technology
ï¿½ Advanced functionality, including shared lines, busy lamp field, presence, and XHTML application
ï¿½ Backlit 320 x 160-pixel grayscale graphical LCD
ï¿½ 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, Sylantro, 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)

ï¿½ Up to 4 lines with up to 2 concurrent calls per line

Polycom SoundPoint IP 550 VoIP Phone (IP550)

Display

ï¿½ 320 x 160 backlit grayscale graphical LCD
ï¿½ White LED backlight with custom intensity control

Feature Keys

ï¿½ 4 context-sensitive "soft" keys
ï¿½ 26 dedicated "hard" keys
ï¿½ 6 line keys with bi-color (red/green) LED
ï¿½ 8 feature keys
ï¿½ 6 display/menu navigation keys
ï¿½ 2 volume control keys
ï¿½ Illuminated mute key
ï¿½ Illuminated headset key
ï¿½ Illuminated hands-free speakerphone key
ï¿½ Dedicated hold key

Headset and Hearing Aid Compatibility

ï¿½ Compliant with ADA Section 508 Recommendations: Subpart B 1194.23 (all)
ï¿½ Hearing Aid Compatible (HAC) handset for magnetic coupling to approved HAC hearing aids
ï¿½ Compatibility with commercially-available TTY adapter equipment

Audio Features

ï¿½ Polycom HD Voice technology delivers life-like voice quality for each audio path - the handset, the hands-free speakerphone, and the headset
ï¿½ Full-duplex hands-free speakerphone: Type 1 compliant with IEEE 1329 full duplex standards
ï¿½ Frequency response - 150Hz - 7kHz for handset, headset1 and hands-free speakerphone modes
ï¿½ Codecs: G.722 (wideband), G.711 µ/A, and G.729A (Annex B)
ï¿½ Individual volume settings with visual feedback for each audio path
ï¿½ Voice activity detection
ï¿½ Comfort noise fill
ï¿½ DTMF tone generation/DTMF event RTP payload
ï¿½ Low-delay audio packet transmission
ï¿½ Adaptive jitter buffers
ï¿½ Packet loss concealment
ï¿½ Acoustic echo cancellation
ï¿½ Background noise suppression

Call Handling Features

ï¿½ Shared call/bridged line appearance
ï¿½ Flexible line appearance (one or more line keys can be assigned for each line extension)
ï¿½ Busy Lamp Field (BLF)
ï¿½ Distinctive incoming call treatment/call waiting
ï¿½ Call timer
ï¿½ Call transfer, hold, divert (forward), pickup
ï¿½ Called, calling, connected party information
ï¿½ Local three-way conferencing
ï¿½ One-touch speed dial, redial
ï¿½ Call waiting

Polycom SoundPoint IP 550 VoIP Phone (IP550)

ï¿½ Remote missed call notification
ï¿½ Intercom
ï¿½ Automatic off-hook call placement
ï¿½ Do not disturb function

Other Features

ï¿½ Interoperability with Microsoft LCS 2005 for telephony and presence
ï¿½ Local feature-rich GUI
ï¿½ Time and date display
ï¿½ User-configurable contact directory and call history (missed, placed and received)
ï¿½ Customizable call progress tones
ï¿½ Wave file support for call progress tones
ï¿½ Unicode UTF-8 character support. Multilingual user interface encompassing Danish, Dutch, English (Canada/US/UK), French, German, Italian, Norwegian, Russian, Spanish, Swedish

Protocol Support

ï¿½ IETF SIP (RFC 3261 and companion RFCs)

Network and Provisioning

ï¿½ Two-port 10/100 Mbps Ethernet switch
ï¿½ Manual or dynamic host configuration protocol (DHCP) network setup
ï¿½ Time and date synchronization using SNTP
ï¿½ FTP/TFTP/HTTP/HTTPS server-based central provisioning for mass deployments.
ï¿½ Provisioning server redundancy supported
ï¿½ Web portal for individual unit configuration
ï¿½ QoS Support – IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DSCP
ï¿½ Network Address Translation (NAT) support – static
ï¿½ RTCP support (RFC 1889)
ï¿½ Event logging
ï¿½ Syslog
ï¿½ Local digit map
ï¿½ Hardware diagnostics
ï¿½ Status and statistics

Security

ï¿½ Transport Layer Security (TLS)
ï¿½ Encrypted configuration files
ï¿½ Digest authentication
ï¿½ Password login
ï¿½ Support for URL syntax with password for boot server
ï¿½ HTTPS secure provisioning
ï¿½ Support for signed software executables

Power

ï¿½ Built-in, auto-sensing IEEE 802.3af Power over Ethernet
ï¿½ External Universal AC adapter (optional, 48V DC)

Approvals

ï¿½ FCC Part 15 (CFR 47) Class B

Polycom SoundPoint IP 550 VoIP Phone (IP550)

ï¿½ ICES-003 Class B
ï¿½ EN55022 Class B
ï¿½ CISPR22 Class B
ï¿½ AS/NZS CISPR 22 Class B
ï¿½ VCCI Class B
ï¿½ EN55024
ï¿½ EN61000-3-2; EN61000-3-3
ï¿½ ROHS compliant
ï¿½ Anatel
ï¿½ GOST
ï¿½ C-tick
ï¿½ CCC

Safety

ï¿½ UL/C-UL
ï¿½ CE Mark
ï¿½ EN 60950-1
ï¿½ IEC 60950-1
ï¿½ AS/NZS 60950

Operating Conditions

ï¿½ Temperature: 0 to 40°C (+32 to 104°F)
ï¿½ Relative Humidity: 5% to 95%, non-condensing

Storage Temperature

ï¿½ -40 to +70°C (-40 to +160°F)

Polycom SoundPoint IP 550 VoIP Phone Comes With:

ï¿½ Polycom SoundPoint IP 550 VoIP Phone console
ï¿½ Handset with handset cord
ï¿½ Base stand
ï¿½ Network (LAN) cable
ï¿½ Quick Start Guide
ï¿½ Product registration card

Size

ï¿½ 10.5 x 6 x 7.5 in x 2.5 in
ï¿½ (26.5 x 15 x 19 x 6.5 cm)

Weight

ï¿½ 2.045kg

Please Enquire

Polycom SoundPoint IP 550 VoIP Phone (IP550)

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

Power Supply Required?

- Not Required -,   Require Polycom Power Supply (+£10.50).