

▶ Polycom® SoundPoint® IP 335

Entry-level SIP phone with Polycom HD Voice™



Two-line, entry-level phone providing unparalleled Polycom HD Voice technology and advanced telephony features

The Polycom® SoundPoint® IP 335 phone is designed to bring a high-quality, cost effective, solution to cubicle workers/call center operators through advanced telephony features and HD Voice technology, making voice communications more effective and productive. Utilizing its high resolution backlit display, RJ-9 headset port, and Polycom HD Voice technology, the SoundPoint IP 335 phone delivers a business grade telephony endpoint at an entry-level price.

Unsurpassed Voice Quality and Clarity

The SoundPoint IP 335 features Polycom HD Voice, bringing life-like richness and clarity to every call. Polycom HD Voice incorporates wideband audio for over twice the voice clarity; patented Polycom Acoustic Clarity™ technology for crystal-clear, noise and echo-free sound; and best-in-class system design for high-fidelity voice reproduction.

- Revolutionary voice quality delivered through Polycom HD Voice Technology
- High-resolution backlit, graphical display
- Two-line entry-level phone
- Easy to configure and use
- Interoperability with leading IP PBX and Softswitch platforms

Features And Benefits

- Polycom HD Voice technology, including support of G.722 wideband codec, Polycom Acoustic Clarity™ Technology 2, and systems design optimized for Polycom HD Voice technology
- Advanced functionality, including shared lines, busy lamp field, three-way conferencing, and XML microbrowser
- Backlit 102x33-pixel, grayscale graphical LCD
- Integrated IEEE 802.3af Power over Ethernet (PoE) support (Class 2)
- Two port 10/100 Ethernet Switch
- Dedicated RJ-9 headset port

Benefits

- ▶ **Polycom HD Voice** – Unparalleled voice clarity to make your calls more efficient and productive
- ▶ **Broad and Robust Interoperability** – Certified to interoperate with a broad array of SIP call control platforms to enable open choices and innovations while simplifying provisioning, management, and support
- ▶ **High-Quality Display** – High resolution graphical 102 x 33 pixel grayscale LCD with adjustable backlighting
- ▶ **Advanced Telephony Features** – Two lines, support of share line presence, three-way local conferencing, and built-in XML microbrowser

Polycom SoundPoint IP 335 Specifications

Lines (Directory Numbers)

- Up to 2 lines with up to 2 calls per line

Display

- 102 x 33 pixel backlit grayscale graphical LCD
- LED backlight with custom intensity control

Feature Keys

- 3 context-sensitive "soft" keys
- 2 line keys with bi-color (red/green) LED
- 2 feature keys ("Menu" and "Dial")
- 4-way navigation key cluster with center "Select" key
- 2 volume control keys
- Dedicated hold key
- Dedicated headset key
- Dedicated hands-free speakerphone key
- Dedicated microphone mute 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 optional headset¹
- Full-duplex hands-free speakerphone
- Type 1 compliant with IEEE 1329 full duplex standards
- Codecs: G.722 (wideband), G.711 μ /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 cancellations
- Background noise suppression

Call Handling Features²

- Shared call / bridged line appearance
- Flexible line appearance (one or more line keys can be assigned for each line extension)
- 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

- Interoperability with Microsoft® LCS 2005 for telephony and presence³
 - Compatibility with Microsoft Office Communicator and Windows® Messenger 5.1 Clients
- Enabled for Polycom Productivity Suite
- Local feature-rich GUI
- Time and date display
- User-configurable contact directory and call history (missed, placed and received)
- 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, Polish, Russian, Slovenian, Spanish, Swedish

Protocol Support

- IETF SIP (RFC 3261 and companion RFCs)

Network and Provisioning

- Two 10/100 Mbps Ethernet port
- 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 and call 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 for static configuration and "Keep-Alive" SIP signaling
- RTCP support (RFC 1889)
- Event logging
- Syslog
- Local digit map
- Hardware diagnostics
- Status and statistics reporting

Security

- Transport Layer Security (TLS)
- Secure Real-time Transport Protocol (SRTP)
- Encrypted configuration files
- Shipped with X.509 certificate installed
- 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 (Class2)
- External universal input AC adapter (optional⁴; 24V DC@500mA)

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
- ROHS compliant

- GOST-R
- A-Tick
- C-Tick
- CCC
- KCC

Safety

- CE Mark
- EN 60950-1
- IEC 60950-1
- UL60950-1
- CAN/CSA-C22.2 No.60950-1-03
- AS/NZS 60950-1

Operating Conditions

- Temperature: +10 to 40°C (+50 to 104°F)
- Relative Humidity: 20% to 85%, non-condensing

Storage Temperature

- 40 to +70°C (-40 to +160°F)

SoundPoint IP 335 Comes With:

- SoundPoint IP 335 console
- Handset with handset cord
- Base stand
- Network (LAN) cable
- Quick Start Guide
- Product registration card

Size

- 6.7 in x 5.7 in x 6.9 in x 1.4 in
(17 cm x 14.5 cm x 17.5 cm x 3.5 cm)

Weight

- Phone weight: 1.37 lb (0.625 kg)

Part Numbers /UPC Codes

- 2200-12375-025/610807694670 for all markets

Unit Box Dimensions / Weight

- 10 in x 4.2 in x 11.6 in (W x H x D)
- (25 cm x 10.5 cm x 29.5 cm)
- 3 lb 4 oz (1.49 kg)

Master Carton Quantity

- Ten

Country of Origin

- Thailand

Warranty

- 1 Year

- To enjoy all the benefits of Polycom HD Voice when using the phone in the headset mode, you must use a wideband headset.
- Some of these features need to be supported by an appropriate call/applications server.
- Features supported on SoundPoint IP 335 require, SIP 3.2.2 or later.
- Optional AC Adapter 5-Packs, Part Numbers/UPC Codes
 - 2200-17877-001/610807690269 for NA, CALA, Taiwan
 - 2200-17877-002/610807690276 for Japan
 - 2200-17877-012/610807630283 for Australia/New Zealand
 - 2200-17877-015/610807690290 for UK, Ireland, HK, Singapore, Malaysia
 - 2200-17877-016/610807693437 for Korea
 - 2200-17877-022/610807693444 for China
 - 2200-17877-122/610807690306 for India, Europe, Rest of the world

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