

# Polycom® SoundPoint® IP 335

## High Definition IP Phone

A powerful dual-line solution combining advanced telephony with the unmatched clarity of Polycom HD Voice™

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 communication more clear 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

With a best-in-class design for high-fidelity voice reproduction, the SoundPoint IP 335 also incorporates wideband audio for over twice the voice clarity of standard phones. Patented Polycom Acoustic Clarity™ technology provides crystal-clear, noise- and echo-free audio, while hold, pick-up, transfer, and three-way local conferencing features make managing calls simple and intuitive. Capabilities such as shared call/bridged line appearance, built-in xHTML microbrowser, and a RJ-9 headset port extend functionality for more advanced requirements.

### Polycom Powers Smarter Conversations

The SoundPoint IP 335 is a key element in a broader Polycom portfolio of best in class solutions and services for voice, video, telepresence, and collaboration infrastructure. As a global leader in open standard Unified Communications (UC) solutions, Polycom's award-winning IP telephony and conferencing solutions make it easy for people to interact and maximize productivity over any network, in just about any environment, anywhere around the globe. That's why more organizations worldwide choose Polycom to enable UC everywhere.

### Learn More

To find out how Polycom solutions can help your organization, visit us at [www.polycom.com](http://www.polycom.com) or speak with a Polycom Account Representative.



### Benefits

#### More efficient and productive conversations

Unparalleled clarity through Polycom HD Voice and patented Polycom Acoustic Clarity

#### Broad interoperability

Certified to interoperate with a broad array of SIP call control platforms to enable flexibility and choice for customers

#### Easy provisioning and management

Supports a wide range of industry standard methods to facilitate simple, large-scale deployment and management of devices

#### Intuitive interface

High resolution graphical 102 x 33 pixel grayscale LCD with adjustable backlighting

# Polycom SoundPoint IP 335 Specifications

## Lines (Direct Numbers)

- Up to 2 lines with up to 8 simultaneous calls total

## Display

- 102 x 33 pixel backlit grayscale graphical LCD
- LED backlight with custom intensity control
- Message Waiting Indicator (MWI) LED

## 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
- Optional Messages Key

## Headset and Hearing Aid Compatibility

- Dedicated RJ-9 headset port
- Compliant with ADA Section 508 Recommendations: Subpart B 1194.23 (all)
- Hearing Aid Compatible (HAC) handset for magnetic coupling to TIA 504-A and ITU P.370 standards
- 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 headset<sup>1</sup>
- Full-duplex hands-free speakerphone
- Type 1 compliant with IEEE 1329 full duplex standards
- Codecs: G.722 (wideband), G.711  $\mu$ /A, G.729A (Annex B) and iLBC
- 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 Features<sup>2</sup>

- Shared call/bridged line appearance
- Busy Lamp Field (BLF)
- 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
- Call waiting
- Remote missed call notification
- Intercom
- Automatic off-hook call placement
- Do not disturb function

## Other Features

- Interoperability with Microsoft<sup>®</sup> LCS 2005 for telephony and presence<sup>3</sup>
  - Compatibility with Microsoft Office Communicator and Windows<sup>®</sup> 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 ports
- 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 (optional<sup>4</sup>; 24V DC@500mA)

## Approvals

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- AS/NZS CISPR22 Class B
- VCCI Class B
- EN55024
- CE

- RoHS Compliant
- GOST-R
- A-Tick
- C-Tick
- KCC
- ANATEL
- NZ Telepermit
- TRA

## Safety

- IEC60950-1
- EN60950-1
- UL60950-1
- CAN/CSA C22.2 No.60950-1-03
- AS/NZS 60950-1

## 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)

## 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
- (17 cm x 17 cm x 17.5 cm)

## Weight

- Phone weight: 1.9 lb (0.861 kg)<sup>5</sup>

## 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)
- 2.9 lbs (1.3 kg)<sup>5</sup>

## 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
  - 2200-17877-119/610807715719 for Switzerland
  - 2200-17877-122/610807690306 for India, Europe, Rest of the world
- Measurements taken for PoE. Power supply weights estimated at 0.65 lb (0.294 kg)
- Refer to the Administrator's Guide for Polycom UC Software for a more complete listing/description of features.

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