

## PRODUCT REFERENCE GUIDE

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# Polycom® SoundPoint® IP Phones

The Polycom family of SoundPoint® IP phones leverage the capabilities of SIP-based VoIP networks to deliver breakthrough voice quality and advanced features that make calls more efficient and productive.



### Entry-Level

Polycom® SoundPoint® IP 321 and 331 Entry-level IP phones with enterprise-grade features and outstanding voice quality



#### Application targets:

Common areas, dorm rooms, wall-mounted deployments (SoundPoint IP 321), Cubicle, office desk (SoundPoint IP 331)

#### Key Features:

- 2 Lines
- Integrated PoE support
- Full-duplex speakerphone with Clarity by Polycom™
- 102 x 33 pixel graphical LCD
- 15 dedicated hard keys, 3 context-sensitive soft keys
- Two-port 10/100 Ethernet switch (SoundPoint IP 331)
- Single 10/100 Ethernet port (SoundPoint IP 321)
  - SoundPoint IP 321 - PoE Only, 2200-12360-025
  - SoundPoint IP 331 - PoE Only, 2200-12365-025

SoundPoint IP 335 Two-line, entry-level phone providing unparalleled Polycom HD Voice™

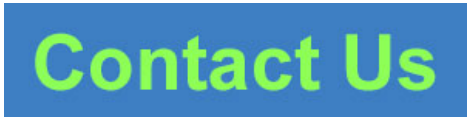


#### Application targets:

Cubicle, office desk

#### Key Features:

- 2 Lines
- Integrated PoE support
- Polycom HD Voice for all audio paths with Polycom Acoustic Clarity™ 2 technology
- 102 x 33 pixel backlit grayscale graphical LCD
- 15 dedicated hard keys, 3 context-sensitive soft keys
- Two-port 10/100 Ethernet switch
  - SoundPoint IP 335 - PoE Only, 2200-12375-025



## Mainstream

SoundPoint IP 450 Mid-Range SIP desktop phone with Polycom HD Voice™



### Application targets:

SOHO, call center

### Key Features:

- 3 Lines
- Integrated PoE support
- Polycom HD Voice for all audio paths with Polycom Acoustic Clarity™ 2 technology
- 256 x 116-pixel backlit grayscale graphical LCD
- 17 dedicated hard keys, 4 context-sensitive soft keys
- Two-port 10/100 Ethernet switch
  - SoundPoint IP 450 - PoE Only, 2200-12450-025

## Performance

SoundPoint IP 550 Cutting-edge SIP feature set meets Polycom HD Voice™



### Application target:

Manager's/professional's office, call center

### Key Features:

- 4 lines
- Integrated PoE support
- Polycom HD Voice for all audio paths with Polycom Acoustic Clarity™ 2 technology
- 320 x 160 pixel backlit grayscale graphical LCD
- 26 dedicated hard keys, 4 context-sensitive soft keys
- Two-port 10/100 Ethernet switch
  - SoundPoint IP 550 - PoE Only, 2200-12550-025

SoundPoint IP 560 Cutting-edge SIP and GigE meet Polycom HD Voice™



### Application target:

Manager's/professional's office

### Key Features:

- 4 lines
- Integrated PoE support
- Polycom HD Voice for all audio paths with Polycom Acoustic Clarity™ 2 technology
- 320 x 160 pixel backlit grayscale graphical LCD
- 26 dedicated hard keys, 4 context-sensitive soft keys
- Gigabit Ethernet support
  - SoundPoint IP 560 - PoE Only, 2200-12560-025



SoundPoint IP 650 High-performance IP phone with Polycom HD Voice™



**Application target:**

Executive office, or call center with Expansion Module(s)

**Key Features:**

- 6 lines (standalone) / 20 lines (with one Expansion Module)
- Integrated PoE support
- Polycom HD Voice for all audio paths with Polycom Acoustic Clarity™ 2 technology
- 320 x 160 pixel backlit grayscale graphical LCD
- 26 dedicated hard keys, 4 context-sensitive soft keys
- Support of up to three Expansion Modules
- USB for local call recording
- Two-port 10/100 Ethernet switch
  - SoundPoint IP 650 - PoE Only, 2200-12651-025

SoundPoint IP 670 A premium, SIP desktop phone with color display delivering a rich voice, visual and applications experience



**Application target:**

Executive office

**Key Features:**

- 6 lines (standalone) / 20 lines (with one Expansion Module)
- Integrated PoE support
- Polycom HD Voice for all audio paths with Polycom Acoustic Clarity™ 2 technology
- 320 x 160 pixel backlit color graphical LCD
- 26 dedicated hard keys, 4 context-sensitive soft keys
- Support of up to three Expansion Modules
- USB for local call recording
- Gigabit Ethernet support
  - SoundPoint IP 670 - PoE Only, 2200-12670-025

**Attendant**

SoundPoint IP Expansion Module Turn your SoundPoint IP 650/670 into a high-performance Attendant Console



**Application target:**

Telephone attendant's desk, call center

**Key Features:**

- 14 Illuminated keys configurable as a line key, or a speed dial with BLF
- 160 x 320 pixel greyscale/color graphical LCD with backlight
- Plug-and-play, hot-swappable
- Cord-free, no AC adapter required - power and signaling are provided by the host phone
- Matches elegantly with the SoundPoint IP 650/670 look and feel
  - SoundPoint IP Backlit Expansion Module: 2200-12750-025
  - SoundPoint IP Color Expansion Module: 2200-12770-025



Polycom® SoundPoint® IP Phone Comparison

Positioning	SoundPoint IP 321/331	SoundPoint IP 335	SoundPoint IP 450	SoundPoint IP 550/560	SoundPoint IP 650	SoundPoint IP 670
LCD Display	102 x 33 pixel graphical	102 x 33 pixel graphical	256 x 116 pixel backlit graphical	320 x 160 pixel backlit graphical	320 x 160 pixel backlit graphical	320 x 160 pixel backlit color graphical
Unicode Character Support	European character set	European character set	.	.	.	.
Expansion Module Support					Up to 3 Backlit Expansion Modules	Up to 3 Color Expansion Modules w/ AC adaptor
<b>Audio Features</b>						
Polycom HD Voice Technology		.	.	.	.	.
Full Duplex Speakerphone with Acoustic Clarity Technology	.	.	.	.	.	.
Telephony Keys	2	2	3	4	6 (20 with Exp. Module)	6 (20 with Exp. Module)
Line/Speed Dial Keys	2	2	3	4	6 (48 with 3 Exp. Module)	6 (48 with 3 Exp. Module)
Context-Sensitive Soft Keys	3	3	4	4	4	4
Display/Menu Navigation Keys	5	5	5	6	6	6
<b>Basic Features</b>						
Busy Lamp Field (BLF) Functionality			.	.	.	.
Polycom Productivity Suite™	.	.	.	.	.	.
Shared Call/Bridged Line	.	.	.	.	.	.
Flexible Line Appearance	.	.	.	.	.	.
XHTML Microbrowser	.	.	.	.	.	.
<b>Advanced Features</b>						
Premium ACD and Hoteling			.	.	.	.
PTT and Multicast Group Paging	.	.	.	.	.	.
Microsoft Lync Interoperability	.	.	.	.	.	.
<b>Security Features</b>						
802.1X	.	.	.	.	.	.
Multiple TLS Profiles	.	.	.	.	.	.
Custom Device Certificates	.	.	.	.	.	.
<b>Connectivity</b>						
USB Port					.	.
Ethernet	IP 321 - 1x 10/100 IP 331 - 2x 10/100	2x 10/100	2x 10/100	IP 550 - 2x 10/100 IP 560 - 2x 10/100/1000	2x 10/100	2x 10/100/1000
<b>Power Options</b>						
Power over Ethernet (IEEE 802.3af)	.	.	.	.	.	.

## About Polycom

Polycom is the global leader in standards-based unified communications (UC) solutions for telepresence, video, and voice powered by the Polycom® RealPresence® Platform. The RealPresence Platform interoperates with the broadest range of business, mobile, and social applications and devices. More than 400,000 organizations trust Polycom solutions to collaborate and meet face-to-face from any location for more productive and effective engagement with colleagues, partners, customers, specialists, and prospects. Polycom, together with its broad partner ecosystem, provides customers with the best TCO, scalability, and security for video collaboration, whether on-premises, hosted, or cloud-delivered. Visit [www.polycom.com](http://www.polycom.com) or connect with Polycom on Twitter, Facebook, and LinkedIn.

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