Polycom® SoundPoint® IP Phones
Product Reference Guide

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Polycom's 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

SoundPoint IP 320 and 330 Entry-level IP phones with enterprise-grade features and outstanding voice quality

- ▶ Application targets:
  - Cubicle, call center (SoundPoint IP 330)
  - Common areas, dorm rooms, wall-mounted deployments (SoundPoint IP 320)
- ▶ 2 Lines
- ▶ Integrated PoE support (IEEE 802.3af)
- ▶ Full-duplex speakerphone with Acoustic Clarity Technology
- ▶ 102 x 33 pixel graphical LCD
- ▶ 15 dedicated hard keys, 3 context-sensitive soft keys
- ▶ Two-port 10/100 Ethernet switch (SoundPoint IP 330)
- ▶ Single 10/100 Ethernet port (SoundPoint IP 320)

SoundPoint IP 320 - PoE Only	2200-12320-025
SoundPoint IP 320 - with AC Power Kit	2200-12320-001
SoundPoint IP 330 - PoE Only	2200-12320-025
SoundPoint IP 330 - with AC Power Kit	2200-12330-001

Mainstream

SoundPoint IP 430 Full-duplex speakerphone, built-in PoE, and a graphical LCD

- ▶ Application target: cubicle
- ▶ 2 Lines
- ▶ Integrated PoE support (IEEE 802.3af)
- ▶ Full-duplex speakerphone with Acoustic Clarity Technology
- ▶ 132 x 46 pixel graphical LCD
- ▶ 16 dedicated hard keys, 4 context-sensitive soft keys

SoundPoint IP 430 - with AC Power Kit	2200-12430-001

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

HDvoice

- ▶ Application target: SOHO, cubicle
- ▶ 3 Lines
- ▶ Integrated PoE support (IEEE 802.3af)
- ▶ Polycom HD Voice for all audio paths
- ▶ 256 x 116-pixel backlit grayscale graphical LCD
- ▶ 17 dedicated hard keys, 4 context-sensitive soft keys

SoundPoint IP 450 - PoE Only	2200-12450-025
SoundPoint IP 450 - with AC Power Kit	2200-12450-001

SoundPoint IP 501 Three-line desktop IP phone that delivers exceptional voice quality

- ▶ Application target: SOHO, hotel room
- ▶ 3 Lines
- ▶ PoE support with optional cable
- ▶ Full-duplex speakerphone with Acoustic Clarity Technology
- ▶ 160 x 80 pixel graphical LCD
- ▶ 24 dedicated hard keys, 4 context-sensitive soft keys

SoundPoint IP 501 - PoE Only	2200-11531-025
SoundPoint IP 501 - with AC Power Kit	2200-11531-001

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Performance

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

▶ Application target: manager's/professional's office
▶ 4 lines
▶ Integrated PoE support (IEEE 802.3af)
▶ Polycom HD Voice for all audio paths
▶ 320 x 160 pixel backlit grayscale graphical LCD
▶ 26 dedicated hard keys, 4 context-sensitive soft keys

SoundPoint IP 550 - with AC Power Kit   2200-12550-001

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

▶ Application target: manager's/professional's office
▶ 4 lines
▶ Integrated PoE support (IEEE 802.3af)
▶ Polycom HD Voice for all audio paths
▶ 320 x 160 pixel backlit grayscale graphical LCD
▶ 26 dedicated hard keys, 4 context-sensitive soft keys
▶ Inbuilt Gigabit Ethernet support

SoundPoint IP 560 - PoE Only   2200-12560-025
SoundPoint IP 560 - with AC Power Kit   2200-12550-001

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

▶ Application target: executive office
▶ 6 lines (standalone) / 12 lines (with Expansion Module)
▶ Integrated PoE support (IEEE 802.3af)
▶ Polycom HD Voice for all audio paths
▶ 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

SoundPoint IP 650 - with AC Power Supply   2200-12651-001

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

▶ Application target: executive office
▶ 6 lines (standalone) / 12 lines (with Expansion Module)
▶ Integrated PoE support (IEEE 802.3af)
▶ Polycom HD Voice for all audio paths
▶ 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
▶ Inbuilt Gigabit Ethernet support

SoundPoint IP 670 - PoE Only   2200-12670-025
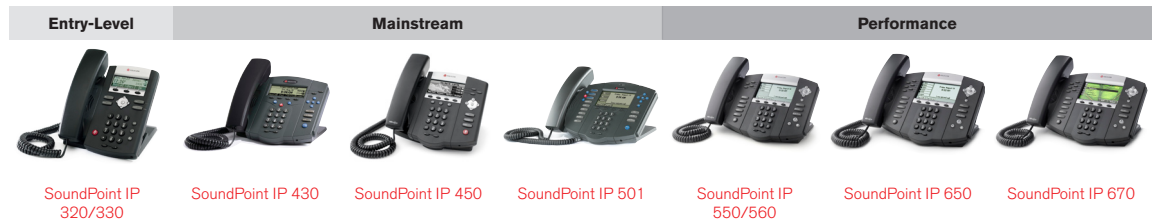SoundPoint IP 670 - with AC Power Supply   2200-12670-001

Attendant

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

▶ Application target: telephone attendant's desk
▶ 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 Expansion Module: 2200-11700-025
SoundPoint IP Color Expansion Module: 2200-12770-025

Polycom® SoundPoint® IP Phone Comparison

	Entry-Level	Mainstream			Performance		
	SoundPoint IP 320/330	SoundPoint IP 430	SoundPoint IP 450	SoundPoint IP 501	SoundPoint IP 550/560	SoundPoint IP 650	SoundPoint IP 670
Positioning							
Application Targets	IP330-Cubicle, call center IP 320 - Common areas, wall mounted deployments	Cubicle, Call Center	Cubicle	Manager/ Professional's office	Manager/ Professional's office	Executive Office / Attandant's desk - with Backlit Expansion Modules	Executive Office / Attendant's desk with Color Expansion Modules
LCD Display	102 x 33 pixel graphical	132 x 46 pixel graphical	256 x 116 pixel backlit graphical	160 x 80 pixel 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	▪	European character set	▪	▪	▪
Expansion Module Support						Up to 3 Backlit Expansion Modules	Up to 3 Color Expansion Modules w/ AC adaptor
Audio Features							
Polycom HD Voice Technology			▪		▪	▪	▪
Full Duplex Speakerphone with Acoustic Clarity Technology	▪	▪	▪	▪	▪	▪	▪
Telephony Keys	2	2	3	3	4	6 (12 with Exp. Module)	6 (12 with Exp. Module)
Line/Speed Dial Keys	2	2	3	3	4	6 (48 with Exp. Module)	6 (48 with Exp. Module)
Mute, Handset, and Hands Free Keys	▪	▪	▪	▪	▪	▪	▪
Context-Sensitive Soft Keys	3	4	4	4	4	4	4
Display/Menu Navigation Keys	5	5	5	6	6	6	6
Advanced Features							
Busy Lamp Field (BLF) Functionality	▪	▪	▪	▪	▪	▪	▪
Shared Call/Bridged Line Appearance	▪	▪	▪	▪	▪	▪	▪
Flexible Line Appearance	▪	▪	▪	▪	▪	▪	▪
Multiple Call Appearances	▪	▪	▪	▪	▪	▪	▪
XHTML Microbrowser	▪	▪	▪	▪	▪	▪	▪
Microsoft LCS 2005 Interoperability for Telephony and Presence	▪	▪	▪	▪	▪	▪	▪
Connectivity							
USB Port						▪	▪
Two-port 10/100/1000 MBPS	IP 330 - 10/100 IP 320 - single 10/100	10/100	10/100	10/100	IP 550 - 10/100 IP 560 - 10/100/1000	10/100	10/100/1000
Power Options							
Power over Ethernet (Cisco)				▪			
Power over Ethernet (IEEE 802.3af)	▪	▪	▪	▪	▪	▪	▪
Protocol Support							
IETF MGCP V1.0 With NCS				▪			
SIP (RFC 3261)	▪	▪	▪	▪	▪	▪	▪