

▶ Polycom® SoundPoint® IP Phones  
Product Reference Guide



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## Product Reference Guide

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 330 and 320** 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
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**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

## 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

HDvoice

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

HDvoice

### 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

HDvoice

### 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

HDvoice

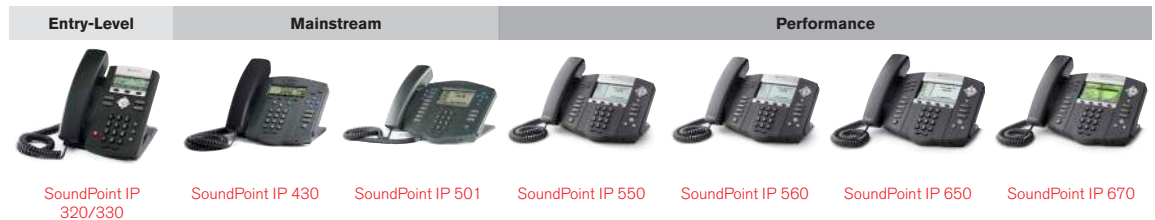
## Attendant








### 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 501	SoundPoint IP 550	SoundPoint IP 560	SoundPoint IP 650	SoundPoint IP 670
<b>Positioning</b>							
Application Targets	IP330-Cubicle, call center IP 320 - Common areas, wall mounted deployments	Cubicle, Call Center	Office	Manager/ Professional's office	Manager/ Professional's office	Executive Office / Attendant'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	160 x 80 pixel graphical	320 x 160 pixel graphical	320 x 160 pixel 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
<b>Audio Features</b>							
Polycom HD Voice Technology				.	.	.	.
Full Duplex Speakerphone with Acoustic Clarity Technology	.	.	.	.	.	.	.
<b>Telephony Keys</b>							
Line/Speed Dial Keys	2	2	3	4	4	6 (12 with Exp. Module)	6 (12 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	6	6	6	6	6
<b>Advanced Features</b>							
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	.	.	.	.	.	.	.
<b>Connectivity</b>							
USB Port						.	.
Two-port 10/100/1000 MBPS	IP 330 - 10/100 IP 320 - single 10/100	10/100	10/100	10/100	10/100/1000	10/100	10/100/1000
<b>Power Options</b>							
Power over Ethernet (Cisco)			.				
Power over Ethernet (IEEE 802.3af)	.	.	.	.	.	.	.
<b>Protocol Support</b>							
IETF MGCP V1.0 With NCS			.				
SIP (RFC 3261)	.	.	.	.	.	.	.

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