

▶ 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 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 |

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

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

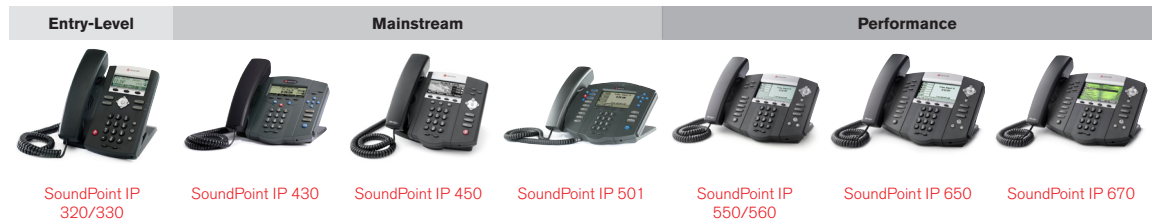
Attendant

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		
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 / 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	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							
Line/Speed Dial Keys	2	2	3	3	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	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)

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