Polycom® SoundPoint® IP 601

The ultimate VoIP telephone

The SoundPoint IP 601 delivers unsurpassed voice quality, an advanced feature set, and the expandability to support up to three SoundPoint IP Expansion Modules

The SoundPoint IP 601 – based on the award-winning SoundPoint IP 600 – is your best choice for a standards-based Voice over IP telephone. Ideal for users requiring multiple lines and advanced features, the SoundPoint IP 601 delivers both traditional telephone capabilities and new, converged applications to your business desktop.

Enhanced productivity

The SoundPoint IP 601 provides a powerful, yet flexible IP communications solution, delivering excellent voice quality. Its intuitive user interface offers dedicated, single-button access to common telephony features. The high-resolution display supplies content for call information, multiple languages, directory access, system status, and future applications. The SoundPoint IP 601 supports advanced functionality, including multiple call- and flexible line appearances, HTTPS secure provisioning, instant messaging, presence, custom ring tones, and three-way local conferencing. When equipped with up to three SoundPoint IP Expansion Modules, the SoundPoint IP 601 delivers the advanced call handling capabilities of a high-performance attendant console. Designed to improve productivity of telephone attendants – executive assistants, receptionists, and secretaries – the attendant console allows effective and efficient management and monitoring of a high volume of simultaneous calls. The SoundPoint IP 601 is easy to install and set up, as it is equipped with a two-port Ethernet switch, built-in auto-sensing Power over Ethernet circuitry, and can be centrally configured from a network-connected server. The SoundPoint IP 601 offers investment protection because it is software upgradeable in the field.

The advanced IP handset for accessing the power of Polycom's unified collaborative communications solutions

With the greatest breadth and depth of integrated video, voice, and Web solutions, only Polycom delivers the ultimate communications experience. Our market-leading conferencing and collaboration technologies, supported by world-class service, enable people and organizations to maximize their effectiveness and productivity. Add to that the most experience and proven best-practices in the industry, and it's clear why Polycom has become the smart choice for organizations seeking a strategic advantage in a real-time world.

Benefits

Proven – Polycom is a leading independent supplier of standards-based VoIP telephones that are fully interoperable with leading call server solutions

Outstanding voice quality – Incorporates Polycom's legendary Acoustic Clarity Technology, validated by 13 years of market leadership in voice conferencing

Advanced SIP functionality[1, 2] –
• Multiple call- and flexible line appearances, three-way local conferencing, custom ring tones
• HTTPS secure provisioning, support of "signed" software executables
• Presence, instant messaging, buddy lists

Ease of use – 18 dedicated feature keys, four context-sensitive soft keys, 320 x 160 pixel grayscale graphical LCD

Expandability – Supports up to three SoundPoint IP Expansion Modules

Choice of powering options – Auto-sensing, built-in Power over Ethernet circuitry supports IEEE 802.3af and Cisco® Inline Power[3] standards. External power adapter included

POLYCOM®

Lines (Direct Numbers)
- Up to 6 lines (SoundPoint IP 601 alone)
- Up to 12 lines (SoundPoint IP 601 with Expansion Module)

Protocol Support[1]
- IETF SIP (RFC 3261 and companion RFCs)

Display
- 320 x 160 pixel grayscale graphical LCD

Feature Keys
- 18 dedicated keys
  - 6 illuminated line keys
  - 8 feature keys
  - Illuminated mute key
  - Illuminated headset and hands-free speaker phone keys
  - Dedicated hold key
- 4 context-sensitive soft keys
- 6 display/menu navigation keys

Power
- Built-in, auto-sensing Power over Ethernet with support for IEEE 802. 3af and Cisco Inline Power[3]
- External AC adapter (included; 24V DC @ 500mA min.)

SoundPoint IP Expansion Module Support
- Supports up to three SoundPoint IP Expansion Modules

Headset and Hearing Aid Compatibility
- Amplified headsets with an RJ-9 jack are recommended
- Hearing aid compatible and compliant to ADA requirements of Section 508 recommendation

Audio Features
- Full-duplex hands-free speakerphone featuring the Polycom Acoustic Clarity Technology
  - Type 1 compliant with IEEE 1329 full duplex standards
- Individual volume settings with visual feedback for each audio path
- Support for G.711 µ/A and G.729A (Annex B) codecs
- 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 cancellation
- Background noise suppression

Call Handling Features
- Distinctive incoming call treatment / call waiting
- Call timer
- Call transfer, hold, divert (forward), pickup
- Called, calling, connected party identification/ information
- Local three-way conferencing
- One-touch speed dial, redial
- Call waiting
- Remote missed call notification
- Last call return
- Intercom
- Automatic off-hook call placement
- Do not disturb function

User Interface
- Local feature-rich GUI
- Time and date display
- Shared call appearance, bridged line appearance (Key System emulation)
- Multiple call appearances
- Flexible line appearance (requires SIP 1.5.x or later)
- User configurable contact directory and call history (missed, placed, and received)
- Customizable call progress tones
- Wave file support for call progress tones

Presence and Instant Messaging
- Presence: buddy list, my status, watched and blocked lists (MS RTC / Windows® Messenger compatible)
- Instant messaging (MS RTC / Windows Messenger compatible)
- Unicode UTF-8 character support. Multilingual user interface encompassing Chinese, Danish, Dutch, English (Canada / US / UK), French, German, Italian, Japanese, Korean, Norwegian, Portuguese, Russian, Spanish, Swedish

Network and Provisioning
- Dual 10/100 Mbps switched 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
- URL syntax for boot server address (requires BootROM 3.0.x +)
- Web portal for individual unit configuration
- Support for IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS
- NAT support – static
- RTCP support (RFC 1889)
- Event logging
- Local digit map
- Hardware diagnostics
- Status and statistics quer

Advanced Server Features
- Message waiting indication
- Multiple registrations
- Server redundancy
- Emergency proxy routing

Security
- Digest authentication
- HTTPS secure provisioning (requires SIP 1.5.x +)
- Support for "signed" software executables (requires BootROM 3.0.x +)

Approvals
- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- AS/NZS 3548 Class B
- VCCI Class B
- EN55024 Class B
- EN61000-3-2; EN61000-3-3; EN-61000-6-1

Safety
- UL 60950
- CE Mark
- CAN/CSA-C22.2 No. 60950
- EN 60950
- IEC 60950
- AS/NZS 3260

Operating Temperature
- +10 to 40 degrees C (+50 to 104 degrees F)

Relative Humidity
- 20% to 85%, noncondensing

Storage Temperature
- -40 to +70 degrees C (-40 to +160 degrees F)

SoundPoint IP 600 Comes With:
- SoundPoint IP 601 base unit
- Handset with handset cord
- Base stand
- Network (LAN) cable
- Power adapter
- Quick Start Guide
- Product registration card
- Windowed keycaps and blank label sheet

Size
- 10.5 in x 6 in x 7.5 in x 1.75 in (26.5 cm x 15 cm x 19 cm x 4.5 cm) (W x H x D x T)

Weight
- Shipping: 2.75 lb (1.26 kg)

Part Numbers / UPC Codes
- 2200-11631-001 / 6108 0702 2701 for NA, TWN
- 2200-11631-002 / 6108 0702 2718 for Japan
- 2200-11631-012 / 6108 0702 2725 for AU, NZ
- 2200-11631-015 / 6108 0702 2732 for ROA, UK
- 2200-11631-016 / 6108 0702 2794 for Korea
- 2200-11631-022 / 6108 0702 2787 for China
- 2200-11631-119 / 6108 0702 2749 for Switzerland
- 2200-11631-122 / 6108 0702 2763 for ROE

Unit Box Dimensions / Weight
- 12.5 in x 13.25 in x 3.5in
- 2,210g (NA, TWN, JPN); 2,279g (AU, NZ); 2,205g (all others)

Master Carton Quantity
- Five

Country of Origin
- Thailand

Warranty
- 1 year

[1] SoundPoint IP 601 will only run on SIP version 1.6.2 or higher.

[2] Most of these features and functionality must be supported by the call server.

[3] Cisco Inline Power can be used only to power the SoundPoint IP 601 without an Expansion Module attached to it. IEEE 802.3af PoE or an AC adapter should be used to power the SoundPoint IP 601 with one or more Expansion Modules.

POLYCOM®

www.polycom.com

Polycom Headquarters: 4750 Willow Road, Pleasanton, CA 94588 (T) 1.800.POLYCOM (765.9266) for North America only. For North America, Latin America and Caribbean (T) +1.925.924.6000, (F) +1.925.924.6100

Polycom EMEA: 270 Bath Road, Slough, Berkshire SL1 4DX, (T) +44 (0)1753 723000, (F) +44 (0)1753 723010

Polycom Asia Pacific: Polycom Hong Kong Ltd., Rm 1101 MassMutual Tower, 38 Gloucester Road, Wanchai, Hong Kong, (T) +852.2861.3113, (F)+852.2866.8028