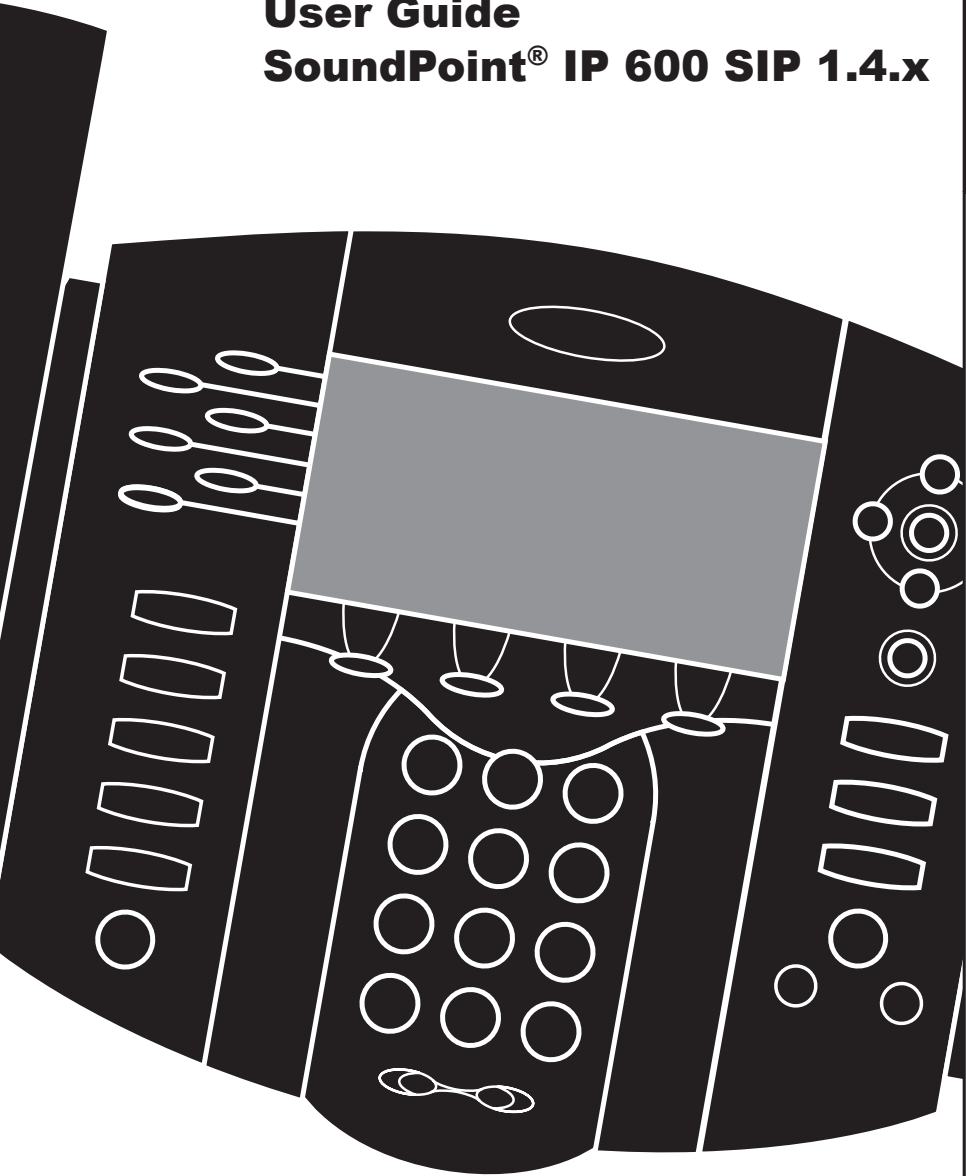




POLYCOM®

User Guide

SoundPoint® IP 600 SIP 1.4.x



Contents

Introduction	1
Parts List	1
Installing SoundPoint® IP 600 SIP	2
Connecting Network and Power Source	2
Connecting the Handset and Optional Headset	3
Attaching the Base	3
Features	4
Key Descriptions	5
Using SoundPoint® IP 600 SIP	6
Placing a Call	6
Answering a Call	7
Call Hold	7
Microphone Mute	7
General Key Use	8
Local Conferencing	8
Transferring a Call	8
Call Timer	8
Ending a Call	9
Redial	9
Call Forwarding	9
Volume Adjustment	9
Do Not Disturb	9
Time and Date	10
Headset Memory Mode	10
Display Contrast	10
Ring Type	10
Call Lists	11
Contact Directory	11
Speed Dial	12
Multiple Lines	13
Multiple Call Appearances	13
Shared Lines	14

VoiceMail and Voice and Text Messaging 14
Distinctive Ringing / Call Treatment 15
Presence / Status / Buddy Lists..... 16
Instant Messaging 17
Multilingual Support (Localization) 17
Phone Reboot..... 17

Troubleshooting 18

Safety and Compliance..... 19

Part 15 Rules..... 19
Class B Digital Device or Peripheral 19
Modifications 20
Installation Instructions 20
Plug Acts as Disconnect Device 20
Industry Canada (IC)..... 20
CE & VCCI Mark 20

**Polycom Limited Warranty
and Limitation Liability 20**

Exclusions 21

Warranty Exclusive..... 22

Service Agreements..... 21

Limitations of Liability 22

Disclaimer..... 22

Governing Law 22

Copyright Notice 22

Introduction

Thank you for choosing SoundPoint® IP 600 SIP, a full-duplex, handsfree telephone running the industry standard Session Initiation Protocol (SIP). This unit provides business telephony features and functions such as Multiple Call Appearances, Call Hold, Transfer, and Conference over an IP network. In this User Guide, you will find everything you need to quickly set up your new telephone.

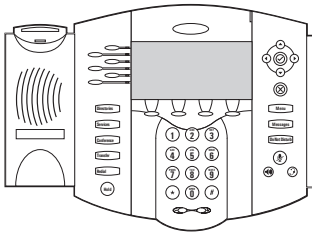
Be sure to verify with your System Administrator that your network is prepared for configuring your SoundPoint® IP 600 SIP telephone or consult the *Administrator Guide SoundPoint® IP SIP* for more information. As well, be sure to read the Parts List, and the Safety Notices section in this guide before you set up and use the SoundPoint® IP 600 SIP telephone.

Parts List

The following items are included in your SoundPoint® IP 600 SIP package. Check this list before installation to ensure that

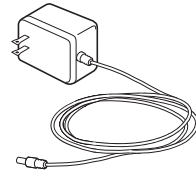
you have received each item. If you are missing any items, please contact your SoundPoint® IP 600 SIP reseller.

Polycom SoundPoint® IP 600 SIP

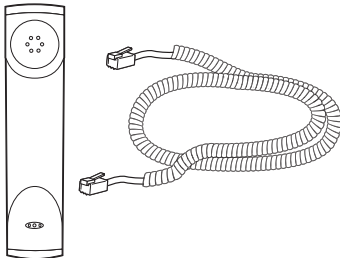


Power Adapter

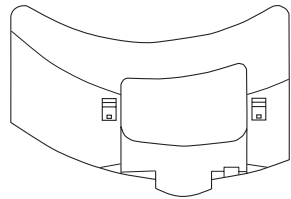
(specification varies according to country)



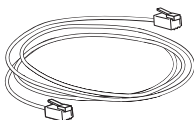
Handset & Handset Cord



Telephone Base



Network Cable



Quick Start Guide



Installing SoundPoint® IP 600 SIP

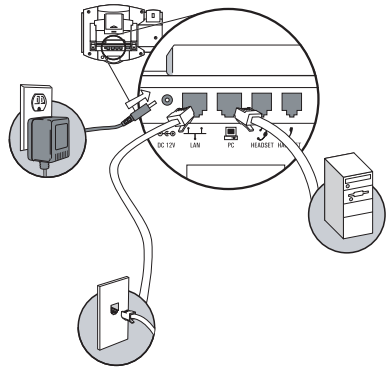
This section provides basic installation instructions and information for obtaining the best performance with the SoundPoint IP® 600 SIP telephone. If you require additional information or assistance with your new telephone, please contact your System Administrator.

The SoundPoint® IP 600 SIP User Guide includes regulatory compliance information that your System Administrator should review and can also be found at <http://www.polycom.com>.

Connecting Network and Power Source

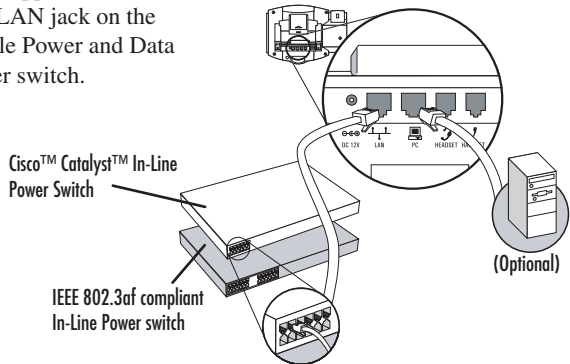
AC Power Option

Connect the supplied Network cable between the LAN jack on the telephone and the LAN port on the wall or hub/switch device port. Connect the DC plug on the AC wall adapter to the DC jack marked on the telephone.



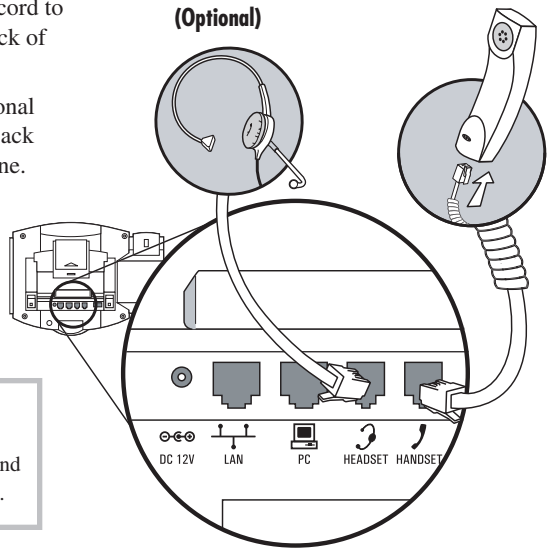
In-Line Power Option

If the telephone is connected to a compatible Ethernet switch that can provide in-line power, the telephone will use that power option. Simply plug the supplied Network cable between the LAN jack on the telephone and an available Power and Data port on the In-Line Power switch.



Connecting the Handset and Optional Headset

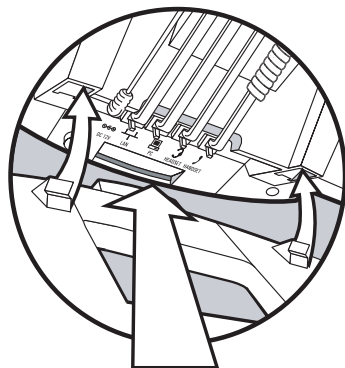
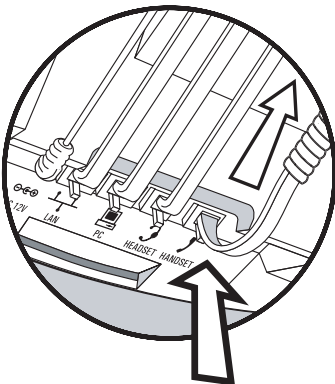
1. Connect the short, straight end of the telephone cord to the handset and the corresponding longer straight end of the cord to the handset jack on the back of the telephone.
2. Connect the headset (optional accessory) to the headset jack on the back of the telephone.



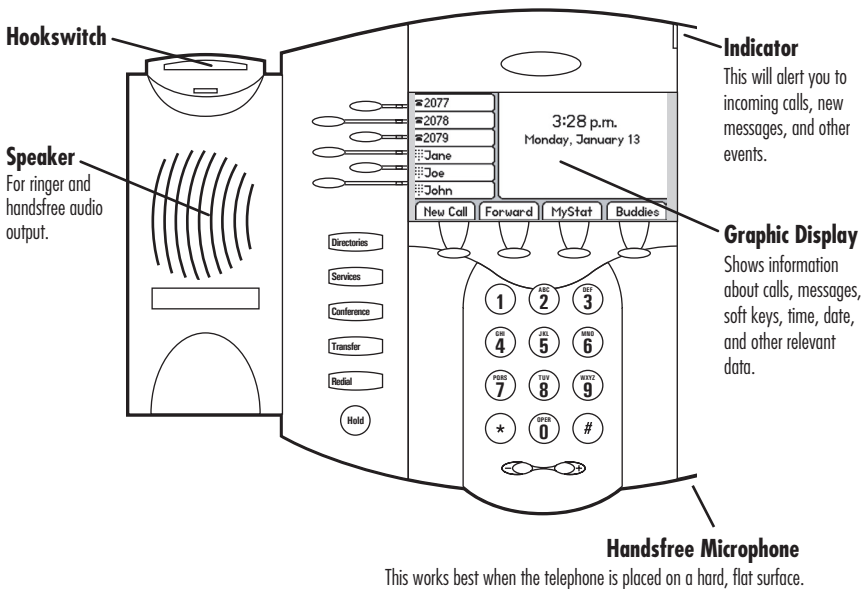
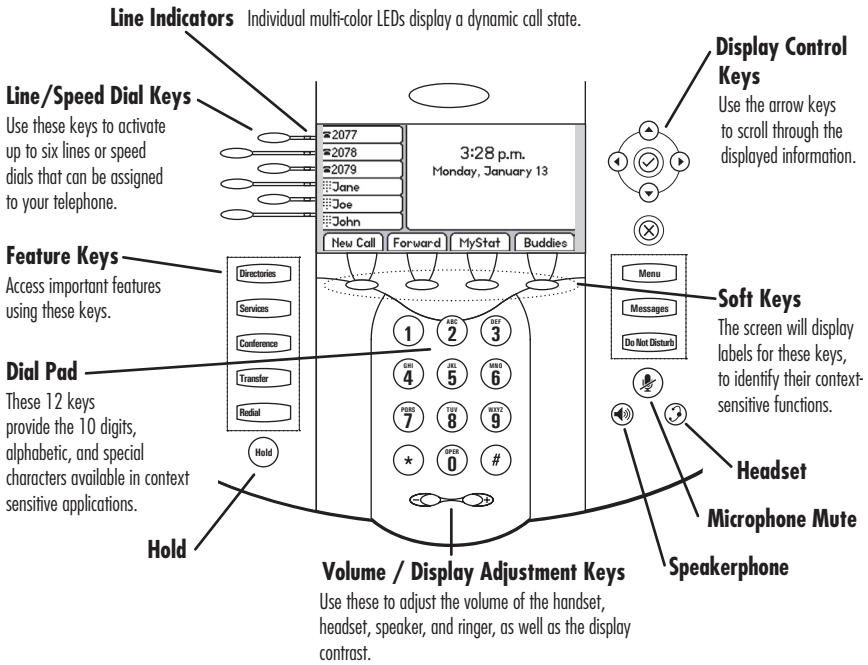
For a list of compatible headsets, go to:
<http://eknowledge.polycom.com> and follow the "Knowledge base" link.

Attaching the Base


















1. Place all cords in the recessed area above the modular jacks as shown.
2. Align the two protrusions on the bracket with their corresponding holes in the telephone and snap them together to lock the base to the telephone.



Features



Key Descriptions

Feature Key	Description
	Allows for handsfree communication during calls.
	Mutes audio transmission locally during calls.
	Allows users to place and receive calls through an optionally connected headset.
	Line or Speed Dial keys with LED indicators.
	Access to local directories and call lists.
	Access to special services (future implementation).
	Allows setup of a 3-way local conference.
	Transfer of current call to third party.
	Dials last connected party from the telephone.
	Places current active call in Hold state.
	Cancels ringing and directs incoming calls to your Voice Mail (if supported).
	Place/receive text and voice messages.
	Access local and server features.
	Select and Delete controls for options and text within local menus.
	Scrolling of lists and control of text/number entry on display.
	Soft keys to select from various context-sensitive options.
	Volume keys to adjust audio and ringer volume.
Dial Pad	General dialing and alphanumeric entry (incl. special characters).

Using SoundPoint® IP 600 SIP

Placing a Call



Using the Handset:

1. To obtain dial tone, pick up the handset.
2. Dial the desired number.


OR

Dial by SIP URL/IP address[†]:

- After obtaining dial tone, press **Name**
- Enter URL or IP (press * for “.” and # for “@”)
- Press **Send** to complete the call.

During a call, users can alternate between handset, headset, or handsfree modes by pressing the  or  keys.


Using Handsfree Speakerphone Mode:

1. With the handset on-hook, press any assigned line key, , or **NewCall** to obtain dial tone.
2. Dial the desired number.

OR

Dial by SIP URL or IP address[†] as above.



Using the Headset:

1. With the optional headset connected, press any assigned line key, , or **NewCall** to obtain dial tone.
2. Dial the desired number.

See also Headset Memory Mode.


OR

Dial by SIP URL or IP address[†] as above.

Users also have the option to dial directly from the dial pad without first getting dialtone. Simply enter the number then lift the handset or press the **Dial** soft key or press the  or  keys.

In all cases, the active call will appear on the display showing call duration and destination.

[†]Examples: 10.3.0.42
joe@205.173.1.24
sip: jane@polycom.com


To obtain the IP address of your telephone, press  followed by System Status and General. The IP address is listed together with other network information.


Answering a Call

Using the Handset:


Pick up the handset.

Using Handsfree Speakerphone Mode:

Press , or with the handset on hook press the line key with the active indicator, or the **Answer** soft key.

Incoming calls may be ignored by pressing the Reject soft key or  during ringing.

Using the Headset:



Press  to answer the call through an optionally connected headset.

In all cases, the active call will appear on the display showing call duration and destination.

*If there is an active call when a new incoming call is received, pressing the **Answer** soft key places the active call on hold to answer the new call.*



*Pressing **Answer** will answer the call in the previously connected mode.*

Call Hold

During a call, press  or the **Hold** soft key. The call will be placed on hold and this will be indicated on the display. The remote party will see a held call state on their display. Press  again or the **Resume** soft key to retrieve the call.

If multiple calls are on hold, use the line keys on the left of the display to select a line then the arrow keys to select a call then press the **Resume** soft key to retrieve the call.

Microphone Mute









During a call, press . The  key lights up to indicate that the other party (parties) cannot hear you.

To turn off Microphone Mute, press  again.

Microphone Mute applies to all modes: handset, headset, and handsfree. You can still hear all other parties while Mute is enabled.



General Key Use

To navigate through menus and to enter data, these are useful tips:

1. Use  and  to scroll through lists. In some lists the  and  keys can be used as “Page Up” and “Page Down”.
2. When menus have submenus, use  and  to move one level down or one level back up.
3. The  key can be pressed to quickly exit from any menu.
4. The  key can be pressed to quickly exit from any directory.
5. To enter text using the dialpad, press the number keys one or more times. For example, for ‘A’ press ‘2’ and for ‘C’ press ‘222’. When in text entry mode the display title will show whether keys will generate numbers (1), upper-case (A) or lower-case (a) characters and the **1/A/a** soft key can change this.




Local Conferencing

A conference may be created with two other parties using the telephone’s local conferencing feature.

1. Place a call to the first party.
2. Press  or the **Confrc** soft key to obtain a new line (the active call is placed on hold).
3. Dial the telephone number of the second party.
4. When the second party answers, press  or the **Confrc** soft key again to join all parties in the conference.

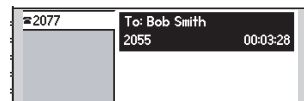
Ending the call on the conference originator’s telephone will terminate the conference.

Transferring a Call

1. During a call, press  or the **Trnsfer** soft key (the active call is placed on hold).
 2. Dial the number to which you want to transfer the call.
 3. Call may be transferred without consultation by immediately pressing  or the **Trnsfer** soft key again (“Blind Transfer”),
- OR
- Press  or the **Trnsfer** soft key again after consulting with the new party (“Consultative Transfer”).
- Transfer may be cancelled during progress by pressing the **End Call** soft key. Press **Resume** to return to the active call.



Call Timer

Call progress on an active call is monitored through a local call timer. This is visible within the active call window on the display.





Ending a Call

Press the line key or the **EndCall** soft key.
OR

Replace the handset, or press  if in Handsfree Mode, or  if in Headset Mode.

Redial

Press  to dial the last call placed from your telephone.

To redial another previously dialed number, press  and select *Placed Calls* to scroll through the list.

Call Forwarding

Calls may be Forwarded (Diverted) to another extension as follows:

1. Press the **Forward** soft key from the telephone's idle display.
2. (Optional) If multiple lines are in use, select which line to forward.
3. Select *Contact:* and press the **Edit** soft key to enter a number or URL to forward all future calls to.
4. Press the **Forward** soft key to confirm Call Forwarding.

To turn call forwarding off:

1. Press the **Forward** soft key from the telephone's idle display.
2. (Optional) If multiple lines are in use, select which line to disable Call Forward.
3. Press the **Disable** soft key.

Idle display returns and the line indicator now displays the regular icon.


Idle display returns with a moving arrow on the line label to confirm Call Forwarding enabled.

Volume Adjustment

Press the volume keys to adjust receiver volume during a call. Pressing these keys in idle state adjusts the ringer volume.

To conform to regulatory requirements, handset and headset volume will return to a preset level after each call. Handsfree volume settings will be maintained across calls.

Do Not Disturb

Press  to prevent the telephone from ringing on incoming calls. A flashing icon and text on the display indicates that Do Not Disturb is on.

Calls received while Do Not Disturb is enabled are logged in the *Missed Call* list.


To turn off Do Not Disturb, press  again.

(Optional) If multiple lines are in use, Do Not Disturb can be set on a line-by-line basis. Contact your System Administrator for further details. When Do Not Disturb is enabled for a particular line, this is indicated by a flashing "X" beside the line indicator on the display.

Time and Date

Time and Date is clearly displayed on the SoundPoint® IP 600 SIP telephone. (Accuracy is maintained through server control.) Contact your System Administrator if either time or date is incorrect. Users have control over the format of the display. Select a format which is right for you as follows:

1. Press .


2. Select *Settings* followed by *Clock*.
3. Select from *Clock Date* or *Clock Time* or *Clock Order*.
4. Scroll through the options via the up and down arrow keys.
5. Press **Select** to confirm and  to return directly to the idle display.

Headset Memory Mode

As an option, the headset can be permanently enabled to place and receive calls from any audio keys on the telephone - especially useful for regular headset users. To do this:

1. Press .

2. Select *Settings* followed by *Headset Memory*.
3. Use the up or down arrows and **Select** soft key to enable Headset Memory Mode.


4. Press  to return to the main menu.


Subsequent calls to or from this telephone using the headset will cause the headset key to flash. Pressing the line keys or the **Answer** soft key to receive a call will now connect to the user's headset automatically.

Repeat steps 1-3 and select **Disable** to turn Headset Memory Mode off.

Display Contrast

To adjust the contrast on the display to a comfortable level:


1. Press . Select *Settings* followed by *Contrast*.
2. Pressing the **Up** or **Down** soft keys or volume keys will increase or decrease the display contrast.


3. Press the **Ok** or **Cancel** soft keys to accept or reject changes.
4. Press  or the **Exit** soft key to return to the idle display.

Ring Type

Many ring types are available. Users can select different rings to distinguish between lines (on a multiple line configured telephone) or to have a different ring from their neighbor's telephone.

To change the incoming ring to a desired sound:

1. Press . Select *Settings* followed by *Ring Type*.
2. (Optional) If multiple lines are used, first select which line to change.

3. Using the arrow keys, highlight the desired ring type. Press the **Play** soft key to hear the selected ring type.
4. Press **Select** to change to the selected ring type.
5. Press  or the **Exit** soft key to return to the idle display.

See also **Distinctive Ringing / Call Treatment**.

Call Lists

A local list of calls missed, received, and placed is maintained by the telephone (up to 100 for each).

Press **Directories** followed by *Missed*, *Received*, or *Placed Calls* as desired. Call information will be displayed. From this screen:

1. Choose **Edit** to amend the dial string if necessary.
2. Choose **Dial** to return the call.
3. Choose **Exit** to return to the previous menu.

For additional choices, press **More** followed by:

4. **Info** to view information about the call.
5. **Save** to store the contact to the Contact Directory.
6. **Clear** to delete the call from the list.

Press **More** and **Exit** soft keys to return to the idle display.

To quickly view respective call lists from the idle display:

Press **▶** for Placed Calls.

Press **◀** for Received Calls.

Press **⏪** for Missed Calls.

Contact Directory

In addition to a directory of missed, placed, or received calls, the telephone can store a local directory of 500 or more contacts*. Users can add, delete, edit, dial, search, or instant-message any contact in this list through just a few key strokes.

To add or edit a contact:

1. Press **Directories** and select *Contact Directory*.
2. Press **Add** to enter another contact into the telephone's database or highlight an existing entry then press **Edit**.
3. Enter first and/or last name from the keypad. Press the **1/A/a** soft key to select between numeric and upper/lower case alphanumeric modes. Press the **Encoding** soft key to access special characters in other languages if necessary.
4. Enter the Contact number. This is a required field and it must be unique i.e. not already in the directory.

5. Speed Dial Index, Ring Type and Divert Contact may be left blank.

6. Use **▶** and **◀** to switch between Enabled and Disabled settings for the last four fields.

7. Press **Save** to confirm or **Cancel** to abandon the changes then press **Exit** to return to the idle display.

To search for a particular contact:

1. Press **More** and then **Search** from the *Contact Directory* menu.
2. Using the dial pad, enter the first few characters for First or Last names.
3. Press **Search** to search for contacts.
4. Successful matches can be dialed from the resulting screen.

Contact Directory continues on the next page.

*Limit depends on Server configuration. Contact your System Administrator for full details.

To send a text message to a contact from the *Contact Directory* menu:

1. Press the **More** soft key and then press **InstMsg**.

2. See **Voicemail and Voice and Text Messaging** for further details.

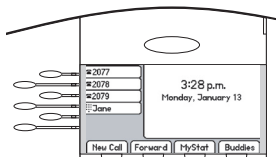
Speed Dial

Pre-assigned numbers can be associated with line keys for rapid automated dialing. Speed Dial entries are consecutively placed next to assigned line keys on the telephone.

Example: To assign Jane to a Speed Dial key:

1. Press **Directories** and select *Contact Directory*.
2. Press the **Add** soft key to enter Jane's contact details (see previous section) or highlight Jane's existing directory entry and press **Edit**.
3. Enter Speed Dial Index as "1". This assigns Jane to the first available line key on the display.
4. Press **Save** to confirm or **Cancel** to abandon the change then press **Exit** to return to the idle display.

Idle display is now as shown:



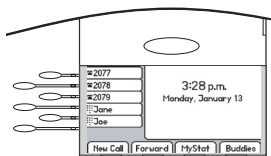
On a default configuration of the telephone, there could be up to five line keys available for speed dial.

To quickly view a complete list of assigned speed dial entries, press **▲** from the idle display. Dial directly from a selected number.

An additional speed dial key for Joe can be added to the previous example as follows:

5. Repeat steps 1 and 2 for Joe's contact details.
6. Enter Speed Dial Index as "2".
7. Press **Save** to confirm or **Cancel** to abandon the change then press **Exit** to return to the idle display.

Idle display is now as shown:



To dial a number assigned to a Line Key, simply press the line key directly opposite the number on the display.

To remove a Speed Dial entry:

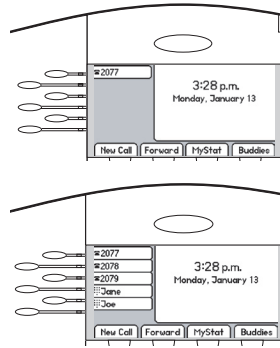
1. Press **Directories** and select *Contact Directory*.
2. Scroll to the desired entry and press **Edit**.
3. Delete the Speed Dial Index number using the **▶** then **⊗** keys.
4. Press **Save** and **Exit** to return to the idle display.

The Speed Dial for that contact is removed.

Multiple Lines

SoundPoint® IP 600 SIP can support up to six lines, each associated with its own line key. Lines can be configured for local Directory Numbers (DNs), such as your main extension and private or shared lines or for Speed Dial shortcuts for outbound dialing.

Typically, the top-most line key is reserved for the principle directory number of the telephone. Depending on how your telephone is configured, the display could resemble one of the displays shown:



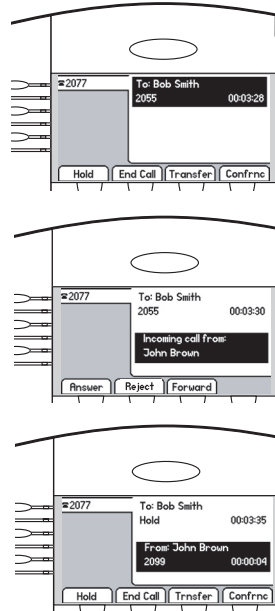
Multiple Call Appearances

Each line configured on the telephone can have two call appearances. This is useful if there is an active call and an incoming call arrives on the same line. In the example shown, extension 2077 is in an outbound call with 2055. The second diagram shows an incoming call from John Brown. Soft key labels are updated on the display to enable the user to:

1. **Answer** this second incoming call. The first call is automatically placed on Hold.
2. **Reject** the second incoming call.
3. **Forward** the second incoming call to another extension.

Answering the incoming call places the original on Hold and refreshes the soft key labels as indicated (last illustration).

A user can also place another outbound call on the same first line. Press **Hold** during the first call and press **NewCall** to obtain dial tone for a second call.

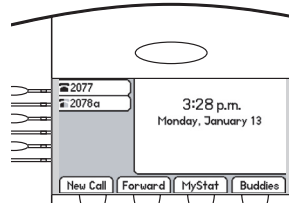


Shared Lines

The telephone supports shared lines **. A shared line is indicated by a different line icon. In the diagram, the first line is private and the second line is shared. If two telephones share a line, an incoming call to that number will cause both telephones to ring. The call can be answered on either telephone but not both.

If a shared line is in use on one of the telephones, it cannot be used on the other one. The shared line icon changes to a moving icon and the line LED turns red when the line is in use remotely.

Calls on shared lines can be transferred, put on hold, or added to a conference.



*** Shared lines are an optional feature configured on the server and may not be supported on your particular system. Contact your System Administrator to find out.*

Voicemail and Voice and Text Messaging

Users can send and receive both Voice* and Text messages on the telephone. Received messages will be indicated by a flashing Message Waiting Indicator LED on the front of the telephone and optionally a visual notification on the display.

Individual line indicators reflect voice or text messages left on that line (useful if multiple lines are in use).

A stutter dial tone in place of normal dial tone is used to indicate that one or more voice messages are waiting at the message center.

SIP Instant (Text) Messaging is supported in real-time. Users can send and receive text messages using their telephones.

To read text messages:

1. Press **Messages** and select *Instant Messages*,

OR

Press the **InstMsg** soft key to read a message just received.

2. (Optional) If multiple lines are in use, select from which line messages are to be retrieved.
3. Messages appear first to last in sent order.
4. Press the **Next** or **Prev** soft keys to cycle through messages in order.
5. Press the **More** soft key to access the **Delete**, **Reply** and **New** options.

To send a text message:

1. Press **Messages**.
2. Select *Instant Messages*.
3. (Optional) If multiple lines are in use, first select from which line to send a message.
4. Press the **More** soft key then **New**.
5. Enter the desired extension or SIP URL. Press the **1/A/a** soft key to alternate between numeric and upper/lower case alphanumeric modes.

Voicemail and Voice and Text Messaging continues on the next page.

6. Press the **Select** soft key to choose from various pre-scripted short messages,

OR

Press **Edit** to compose a custom message. Use dialpad keys to cycle through the character set. Use keys 1,*,0, and # to select special characters.

7. Press **Send** when finished.

**Voice Mail is an optional feature configured on the server and may not be supported on your particular system. Contact your System Administrator to find out.*

†Screen options may vary with served-based application. Voice Mail can be accessed with a single key press. Contact your System Administrator to configure this option.

To listen to voice messages:

1. Press **Messages**.
2. Select **Message Center**^{*,†}.
3. (Optional) If multiple lines are in use, select from which line messages are to be retrieved.
4. Display indicates number of messages and their importance. Press **Connect** to initiate Voice Mail retrieval from the Message Center,
OR
Press **Clear** to turn off the flashing LED without listening to messages.
5. Follow voice prompts to listen to messages.

Distinctive Ringing / Call Treatment

Users can set distinctive incoming ringing tones for contacts in their local directory. This allows identification of a contact by a specific ring tone.

To set a distinctive ring for a local contact:

1. Press **Directories** and select **Contact Directory**.
2. Using the arrow keys, scroll through the directory to choose a contact.
3. Press **Edit** and scroll down to **Ring Type**.
4. Enter a number corresponding to one of the ring types available (press **▶** then **⊗** to remove an existing value). See **Ring Type** in this guide for further details.

5. Press the **Save** soft key or **Cancel** to abandon the change then press **Directories** to return to the idle display.

Incoming calls from this contact will now have a distinctive ringing pattern.

This feature is local to the telephone, and may be over-ridden by Server settings. Contact your System Administrator for more details.

Presence / Status / Buddy Lists

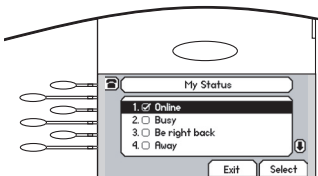
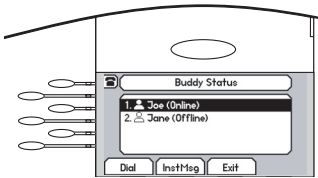
The telephone combines interactive message services and status monitoring to complement a traditional messaging application such as email.

Live interaction within a pool of telephones is possible by monitoring the “presence” of the parties involved. Each telephone can “watch” the status of up to eight other telephones. These other telephones form the “Buddy List”. The status of buddies is displayed and updated in real time. Each telephone can also be “watched” by up to eight other telephones.

To add or delete a contact from your buddy list, or block a contact:

1. Press **Directories** and select *Contact Directory*.
2. Using the arrow keys, scroll through the directory to choose a contact.
3. Press **Edit** and scroll down to the *Watch Buddy* or *Block Buddy* fields.
4. Press **▶** to switch between Enabled or Disabled status.
5. Press the **Save** soft key or **Cancel** to abandon the change then press **Directories** to return to the idle display.

The diagrams show a typical Buddy Status screen display of monitored telephones and a My Status display.



To view and change Presence settings:

1. Press **Menu** and select *Presence*.
2. Choose *My Status* to change your own status (online, busy, etc.). This affects information sent to watching telephones. Presence information will also be sent to watching telephones when the user goes off-hook or invokes Do Not Disturb. The *My Status* display can also be accessed by pressing the **MyStat** soft key from the idle display.
3. Choose *Buddy Status* to monitor the status of the contacts within your buddy list. This can also be accessed by pressing the **Buddies** soft key on the idle display.
4. Choose *Watcher List* to see which telephones are currently monitoring your status. Press the **Block** soft key to block a watcher.
5. Choose *Blocked List* to see which telephones you have blocked from monitoring your status. Press the **Unblock** soft key to unblock a contact.

The software running on the telephone is compatible with Windows™ and MSN Messenger™ for peer-to-peer presence and instant messaging.

Instant Messaging

See **Voicemail and Voice and Text Messaging**.

Multilingual Support (Localization)

Many languages and call progress tones are supported by the telephone.

To change language:

1. Press **Menu** and select *Settings*.
2. Scroll down to and select *Language*.
3. Scroll through the list of available languages and press the **Select** soft key when the desired language is highlighted.
4. The display will change to the language of your choice.
5. Exit to the idle display by pressing



Call progress tones are changed automatically when the language is changed, but the user can manually select a different set of tones.

To change call progress tones:

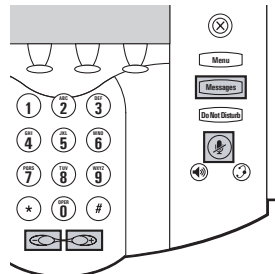
1. Press **Menu** and select *Settings*.
2. Scroll down to and select *Call Progress Tones*.
3. Scroll through the list of available call progress tones and press the **Select** soft key when the desired option is highlighted.
4. Exit to the idle display by pressing



Phone Reboot

Periodically, the telephone may require a user reboot. Reasons for this include accepting a new configuration or new software.

To reboot the telephone, simultaneously press and hold the Messages, Microphone Mute, and Volume keys (highlighted above) for more than 3 seconds. The reboot process will begin and is complete when the idle display is shown.



In the case of problems, it may be possible to restore normal operation of your telephone without rebooting. Contact your System Administrator before attempting to reboot the telephone.

Troubleshooting

No Dial-Tone

Verify power is correctly applied to the SoundPoint IP 600 SIP telephone:

- Check that the display is illuminated.
- Make sure the LAN cable is inserted properly at the rear of the telephone (try unplugging and re-inserting the cable).
- If using inline powering, check that the switch is supplying power to the telephone (contact your System Administrator).

Verify if dial tone is present on any other audio paths:

- Switch between handset, headset (if present) or hands-free to see if dial tone is present on these other paths.
- If dial tone exists on one of these, connect a different handset or headset to isolate the problem.

No Display, Incorrect Display, or Bad Contrast

Verify power is correctly applied to the SoundPoint IP 600 SIP telephone:

- As “No Dial-Tone” above.

Verify contrast adjustment:

- Follow the instructions in this User Guide to readjust the contrast to a darker level.
- Reboot the telephone to obtain a default level of contrast (follow the instructions in this User Guide).

Verify successful outbound or inbound calling:

- Place a call to the telephone under investigation - check that the display indicates incoming call information.
- Lift the handset. Ensure dial tone is present and place a call to another extension or number, check that the display changes in response.

No Ringing

Verify incoming ring setting and volume levels:

- Adjust the ringing level from the front panel using the volume up/down keys.

Verify successful outbound or inbound calling:

- As “No Display” above.
- Check same status of handset, headset (if connected) and through the hands-free speakerphone.


No Audio on Headset

Verify correct connections:

- Ensure the headset is plugged into the jack marked **Headset** at the rear of the telephone.
- Ensure the headset amplifier (if present) is turned on and/or the volume is correctly adjusted.
- Swap the handset into the headset jack at the rear of the telephone and verify that audio or dial tone is now present.


No Response from Feature Key Presses

Verify telephone is in active state:

- Make a call to the telephone to check for inbound call display and ringing as normal. If successful, try to press feature keys within the call to access Directory or Buddy Status for example.
- Press  followed by *System Status* and *Server Status* to confirm line is actively registered to the server.
- Reboot the telephone to attempt re-registration to the server.

Display shows “Network Link is Down”

Verify LAN cable is properly connected:

- Check termination at the switch or hub (furthest end of the cable from the telephone).
- Check that the switch or hub is operational (flashing link/status lights) or contact your System Administrator.
- Press  followed by *System Status* and *Network Status*. Scroll down to verify LAN port is Active.
- Reboot the telephone to attempt reconnection to the network.

Safety and Compliance

Part 15 Rules

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interferences received, including interference that may cause undesired operation.

Class B Digital Device or Peripheral

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can

be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

Modifications

In accordance with Part 15 of the FCC Rules, the user is cautioned that any changes or modifications not expressly approved

by Polycom, Inc. could void the user's authority to operate the equipment.

Installation Instructions

Installation must be performed in accordance with all relevant national wiring rules.

L'Installation doit être exécutée conformément à tous les règlements nationaux applicable au filage électrique.

Plugs Acts as Disconnect Device

The socket outlet to which this apparatus is connected must be installed near the equipment and must always be readily accessible.

La prise électrique à laquelle l'appareil est branché doit être installée près de l'équipement et doit toujours être facilement accessible.

Industry Canada (IC)

This Class [B] digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

CE and VCCI Mark

This SoundPoint® IP 600 SIP has been marked with the CE mark. This mark indicates compliance with EEC directories 89/336/EEC and 73/23/EEC.

A full copy of the Declaration of Conformity can be obtained from Polycom Ltd., 270 Bath Road, Slough, Berkshire, SL1 4DX, UK.

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
取扱説明書に従って正しい取り扱いをして下さい。

Polycom Limited Warranty and Limitation Liability

LIMITED WARRANTY. Polycom warrants to the end user ("Customer") that this product will be free from defects in workmanship and materials, under normal use and service, for one year from the date of purchase from Polycom or its authorized reseller.

Polycom's sole obligation under this

express warranty shall be, at Polycom's option and expense, to repair the defective product or part, deliver to Customer an equivalent product or part to replace the defective item, or if neither of the two foregoing options are reasonably available, Polycom may, on its sole discretion, refund to Customer the purchase price paid for the defective product. All products that

are replaced will become the property of Polycom. Replacement products or parts may be new or reconditioned. Polycom warrants any replaced or repaired product or part for ninety (90) days from shipment, or the remainder of the initial warranty period, whichever is longer.

Products returned to Polycom must be sent prepaid and packaged appropriately for safe shipment, and it is recommended

that they be insured or sent by a method that provides for tracking of the package. Responsibility for loss or damage does not transfer to Polycom until the returned item is received by Polycom. The repaired or replaced item will be shipped to the Customer, at Polycom's expense, not later than thirty (30) days after Polycom receives the defective product, and Polycom will retain risk of loss or damage until the item is delivered to the Customer.

Exclusions

Polycom will not be liable under this limited warranty if its testing and examination disclose that the alleged defect or malfunction in the product does not exist or results from:

- Failure to follow Polycom's installation, operation, or maintenance instructions.
- Unauthorized product modification or

alteration.

- Unauthorized use of common carrier communication services accessed through the product.
- Abuse, misuse, negligent acts or omissions of Customer and persons under Customer's control; or
- Acts of third parties, acts of God, accident, fire, lightning, power surges or outages, or other hazards.

Warranty Exclusive

IF A POLYCOM PRODUCT DOES NOT OPERATE AS WARRANTED ABOVE, CUSTOMER'S SOLE REMEDY FOR BREACH OF THAT WARRANTY SHALL BE REPAIR, REPLACEMENT, OR REFUND OF THE PURCHASE PRICE PAID, AT POLYCOM'S OPTION. TO THE FULL EXTENT ALLOWED BY LAW, THE FOREGOING WARRANTIES AND REMEDIES ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES, TERMS, OR CONDITIONS, EXPRESS OR IMPLIED, EITHER IN FACT OR BY OPERATION OF LAW, STATUTORY OR OTHERWISE,

INCLUDING WARRANTIES, TERMS, OR CONDITIONS OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, SATISFACTORY QUALITY, CORRESPONDENCE WITH DESCRIPTION, AND NON-INFRINGEMENT, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. POLYCOM NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE OR USE OF ITS PRODUCTS.

Service Agreements

Please contact your Polycom Authorized Reseller for information about service

agreements applicable to your product.

Limitations of Liability

LIMITATION OF LIABILITY. TO THE FULL EXTENT ALLOWED BY LAW, POLYCOM EXCLUDES FOR ITSELF AND ITS SUPPLIERS ANY LIABILITY, WHETHER BASED IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY KIND, OR FOR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE SALE, INSTALLATION, MAIN-

TENANCE, USE, PERFORMANCE, FAILURE, OR INTERRUPTION OF ITS PRODUCTS, EVEN IF POLYCOM OR ITS AUTHORIZED RESELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, AND LIMITS ITS LIABILITY TO REPAIR, REPLACEMENT, OR REFUND OF THE PURCHASE PRICE PAID, AT POLYCOM'S OPTION. THIS DISCLAIMER OF LIABILITY FOR DAMAGES WILL NOT BE AFFECTED IF ANY REMEDY PROVIDED HEREIN SHALL FAIL OF ITS ESSENTIAL PURPOSE.

Disclaimer

Some countries, states, or provinces do not allow the exclusion or limitation of implied warranties or the limitation of incidental or consequential damages for certain products supplied to consumers, or the limitation of liability for personal injury, so the above limitations and exclu-

sions may be limited in their application to you. When the implied warranties are not allowed to be excluded in their entirety, they will be limited to the duration of the applicable written warranty. This warranty gives you specific legal rights which may vary depending on local law.

Governing Law

This Limited Warranty and Limitation of Liability shall be governed by the laws of the State of California, U.S.A., and by the laws of the United States, excluding their conflicts of laws principles. The United Nations Convention on Contracts for the International Sale of Goods is hereby excluded in its entirety from application to this Limited Warranty and Limitation of Liability.

All rights reserved under International and Pan-American Copyright Conventions. No part of the contents of this manual may

be copied, reproduced, or transmitted in any form or by any means, or translated into another language or format, in whole or part, without written consent from Polycom, Inc.

Do not remove (or allow anybody else to remove) any product identification, copyright or other notices.

Polycom, the Polycom logo design, and SoundPoint are trademarks of Polycom, Inc. in the U.S. and various other countries.

Copyright Notice

Portions of the software contained in this product are Copyright (c) 1998, 1999,

2000 Thai Open Source Software Center Ltd. and Clark Cooper.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the “Software”), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED “AS

IS”, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.



Polycom, Inc.
1565 Barber Lane
Milpitas, CA 95035

©2003 Polycom, Inc. All Rights Reserved. Polycom®, SoundPoint®, and the Polycom logo design are registered trademarks of Polycom, Inc. in the U.S. and various countries. All other trademarks are the property of their respective companies.

1725-11619-001 Rev. B