



**HiPath 500
HiPath 3000
HiPath 5000**

optiPoint 500 entry

Operating Instructions

SIEMENS

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Before You Begin

These operating instructions describe the optiPoint 500 entry telephone on your HiPath 500 and HiPath 3000 / 5000.

They describe all functions you can use from your telephone. You may find that some functions you wish to use are not available on your telephone. This may be due to one of the following reasons:

- The function has not been configured for your telephone - please contact your service personnel.
- Your communications platforms does not support this function - please contact your service personnel.

Important Notes



Do not operate the telephone in environments where there is a danger of explosions.



Use only original Siemens accessories. Using other accessories may cause a hazard and will invalidate the warranty and the CE mark.



Never open the telephone or a key module. If you encounter any problems, contact the service personnel.

CE (customer equipment) does not continue to support emergency dialing after loss of mains power, if battery back up and power fail switchover to emergency analogue phones is not available.

Never allow the telephone to come into contact with staining or aggressive liquids such as coffee, tea, juice, or soft drinks.

For information on telephone maintenance → Page 64.

The information provided in this document contains merely general descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products.

An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.

The trademarks used are owned by Siemens AG or their respective owners.

Marks



The device conforms to the EU guideline 1999/5/EG, as attested by the CE mark.



This device has been manufactured in accordance with our certified environmental management system (ISO 14001). This process ensures that energy consumption and the use of primary raw materials are kept to a minimum, thus reducing waste production.



All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.

The correct disposal and separate collection of your old appliance will help prevent potential negative consequences for the environment and human health. It is a precondition for reuse and recycling of used electrical and electronic equipment.

For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service, the shop where you purchased the product or your sales representative.

The statements quoted above are only fully valid for equipment which is installed and sold in the countries of the European Union and is covered by the directive 2002/96/EC. Countries outside the European Union may have other regulations regarding the disposal of electrical and electronic equipment.

Contents

Before You Begin.....2

Important Notes	2
Marks	3

Basic operating instructions8

optiPoint 500 entry control panel.....	8
How to Use these Operating Instructions.....	9
Accessing Functions	10
... With Codes	10
... With Function Keys	10

Making Calls – Basic Functions11

Making and Answering Calls.....	11
Answering a Call	11
Open Listening in the Room During a Call	12
Dialing Numbers/Making Calls.....	13
Answering a Call With the Handset.....	13
On-Hook Dialing.....	13
Ending the call.....	13
Redialing a Number.....	14
Turning the Microphone On and Off.....	14
Calling a Second Party (Consultation Hold)	14
Switching to the Party on Hold (Toggle)	15
Transferring a Call	15
Call Forwarding	16
Using Variable Call Forwarding	16
Using Call Forwarding No Reply (CFNR)	17
Call Forwarding in the Carrier Network and Forwarding Multiple Subscriber Numbers (MSN) (Not for U.S.)	18
Using Callback.....	19
Storing a Callback	19
Answering a Callback.....	19
Deleting (All) Stored Callbacks.....	19
Telephone Settings	20
Adjusting the Ring Volume	20
Adjusting the Ring Tone	20
Adjusting the Receiving Volume During a Call.....	20

Making Calls – Convenience Functions21

Making Calls	21
Accepting a Specific Call for Your Colleague	21
Rejecting Calls	21
Using the Speakerphone	21
Answering Calls from the Entrance Telephone and Opening the Door	22
Dialing Numbers/Making Calls	24
Speed-Dial	24
Using Mailboxes	25
Talking to Your Colleague With a Speaker Call	25
Talking to Your Colleague with Discreet Calling (Not for HiPath 500)	25
Automatic Connection Setup (Hotline)	26
Reserve Trunk	26
Assigning a Station Number (Not for U.S.)	27
Associated Dialing/Dialing Aid	27
During a Call	28
Using Call Waiting	28
Accepting a Waiting Call (Camp-On)	28
Preventing and Allowing Call Waiting (Automatic Camp-On)	29
Turning the Call Waiting Tone On and Off	29
Parking a Call	29
Picking up (Retrieving) a Held Call	30
Conducting a Conference	30
Activating Tone Dialing/DTMF Suffix-Dialing	31
Recording Calls	32
After a Speaker Call (Announcement) in a Group	33
Trunk Flash (Not for HiPath 500)	33
If You Cannot Reach a Destination	34
Call Waiting (Camp-On)	34
Busy Override - Joining a Call in Progress	34
Using Night Answer	35

Saving Function, Procedures and Appointment .. 36

Appointments Function	36
Saving Appointments	36
Using Timed Reminders	36

Displaying and Assigning Call Charges37

Dialing with Call Charge Assignment	37
---	----

- Private Sphere/Security38**
 - Turning Do Not Disturb On and Off. 38
 - Caller ID Suppression 38
 - Silent Monitor 38
 - Monitoring a Room 39
 - Trace Call: Identifying Anonymous Callers (Not for U.S.) 40
 - Locking the Telephone to Prevent Unauthorized Use..... 40
 - Locking Another Telephone to Prevent Unauthorized Use 41
 - Saving Your PIN..... 41

- Using Other Functions/Services42**
 - Sending a Message 42
 - Deleting Sent Messages 42
 - Answering Messages 43
 - Using Another Telephone Like Your Own for a Call 43
 - Change call number (relocate)..... 44
 - Resetting Services and Functions
(System-Wide Cancellation for a Telephone)..... 45
 - Activating Functions for Another Telephone 46
 - Using System Functions from the Outside
(DISA: Direct Inward System Access)..... 46
 - Controlling Connected Computers or Other Programs and Telephone
Data Service (Not for HiPath 500) 48
 - Communicating with PC Applications over a CSTA Interface 49
 - Controlling Relays (Not for HiPath 500) 50
 - Radio Paging (Not for U.S., Not for HiPath 500) 51

- Using Team Functions.....52**
 - Turning Group Call On and Off 52
 - Accepting a Call for Another Member of Your Team 53
 - Activating and Deactivating a Ringing Group..... 53
 - Uniform Call Distribution (UCD)..... 54

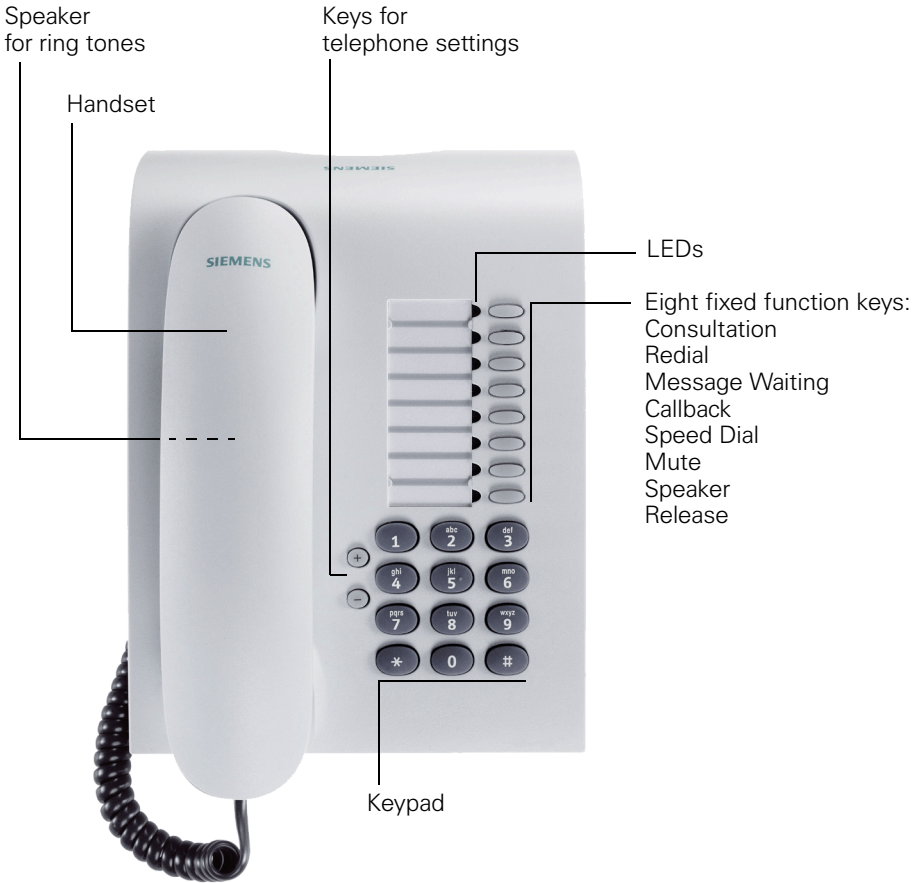
- Team and Executive/Secretary Functions With
Assigned Trunk Lines55**
 - Forwarding Calls on Lines 55
 - Transferring Calls Directly to the Executive (Only in an Executive/Secretary
Group) 56


- Testing the Telephone.....56**
 - Testing the Telephone Functions 56

Special Functions in the LAN (Not for HiPath 500)	57
Leaving a Hunt Group/Group Call	57
Transferring Call Forwarding	58
Using Night Answer	59
Activating and Deactivating a Ringing Group	60
Controlling Relays	61
Opening the Door	62
Documentation	63
Fixing Problems	64
Telephone Maintenance	64
Troubleshooting	64
Index	65
Overview of Functions and Codes (Alphabetical) .	68
FCC and Industry Canada Compliance	75
FCC Certification and Requirements	75
Equipment Attachment Limitations	77

Basic operating instructions

optiPoint 500 entry control panel



 Your service personnel can customize the default assignment to meet your preferences and requirements following order placement.

Step by Step

How to Use these Operating Instructions

You will find a graphic representation of the steps in logical sequence in the left column. Below is an explanation of the symbols:



Lift the handset (off-hook).



Replace the handset (on-hook).



Conduct a call.



Enter a telephone number or code.



Enter the PIN.



Press volume controls on the telephone.



You hear a tone.

A long tone (positive confirmation tone) confirms that you have successfully activated a function or procedure. A short tone (negative confirmation tone) indicates that the function or procedure was rejected.



Press the key.



Press the illuminated key.



Press the flashing key.

Step by Step

Accessing Functions

... With Codes

You can activate the functions of your system **by entering codes** such as:



DND (do not disturb) on.



DND (do not disturb) off.

All codes to activate or enable functions are always introduced by pressing the star key, and all codes to deactivate, disable or delete functions are always entered starting with the pound key.

An alphabetically ordered overview of all functions and their corresponding codes can be found in the **Appendix** ("Overview of Functions and Codes (Alphabetical)" → Page 68 = Quick-Reference Operating Instructions).



If your service personnel has changed the default assignments and saved functions on keys in accordance with your requests or requirements, you can execute these functions by pressing the appropriate keys.

... With Function Keys

Functions for which a key has been set up can be accessed directly as follows.

Consultation



Press the "consultation hold" key. The function is executed, provided this is possible in the current situation.

Step by Step

Making Calls – Basic Functions

Making and Answering Calls

Special default ring signaling is set for your telephone:

- When you receive an internal call, your telephone rings once every four seconds (single-tone sequence).
- When you receive an external call, your telephone rings twice in rapid succession every four seconds (dual-tone sequence).
- When you receive a call from the entrance telephone, your telephone rings three times in rapid succession every four seconds (triple-tone sequence).
- If a call is waiting, you hear a short tone (beep) every six seconds.



Your service personnel can adjust the ring cadence for external and internal calls for you. In other words, different ring cadences can be set for different internal callers.

Answering a Call

The telephone rings.



Lift the handset.



To raise or lower the volume, keep pressing the keys until the desired volume is set.

Step by Step

Open Listening in the Room During a Call

You can let other people in the room join in on the call. Let the other party know that you have turned on the speaker.

Precondition: You are conducting a call with the handset.

Activating this function:



Press the key. The LED lights up.

Deactivating this function:



Press the key. The LED goes out.

Step by Step

Dialing Numbers/Making Calls

Answering a Call With the Handset



Lift the handset.



Internal calls: Enter the station number.
External calls: Enter the external code and the station number.

The called party does not answer or is busy:



Replace the handset.

or



Press the key.

On-Hook Dialing



Internal calls: Enter the station number.
External calls: Enter the external code and the station number.

The other party answers with speaker:



Lift the handset.

The called party does not answer or is busy:



Press the key. The LED goes out.

or



Press the key.

Ending the call



Replace the handset.

or



Press the key.

Step by Step

Redialing a Number


The last three external telephone numbers dialed are stored automatically.

You can redial them simply by pressing a key.



Lift the handset.

Press this key.

 If this feature is configured (contact the service personnel), accounts codes entered are also saved → Page 37.

Turning the Microphone On and Off

To prevent the other party from listening in while you consult with someone in your office, you can temporarily switch off the handset microphone or the handsfree microphone.

Precondition: You are conducting a call. The microphone is switched on.



Press the key. The LED lights up.

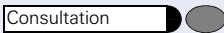
Turning off the mute:



Press the illuminated key. The LED goes out.

Calling a Second Party (Consultation Hold)

You can call a second party while engaged in a call. The first party is placed on hold.



Press the key. LED flashes.



Call the second station.

Return to the first party:



Press this key and wait two seconds.

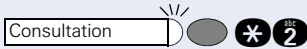
or

(depending on the configuration)



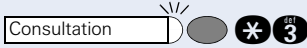
Press the key twice.

Step by Step



Switching to the Party on Hold (Toggle)

Press the key. Enter the code. LED continues to flash.



Combining the calling parties into a three-party conference

Press the key. Enter the code. The LED goes out.

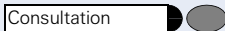
Connecting the other parties to each other



Replace the handset.

Transferring a Call

If the person you are speaking to wants to talk to another colleague of yours, you can transfer the call that colleague.



Press the key. LED flashes.



Enter the number of the party to which you want to transfer the call.



Announce the call, if necessary.




Replace the handset.

Step by Step

Call Forwarding

Using Variable Call Forwarding

You can immediately forward internal or external calls to different internal or external telephones (destinations). (External destinations require special configuration in the system).

 Special features must be taken into consideration if your telephone operates with HiPath 5000 (system networking via PC network) → Page 58!



Lift the handset.



Enter the code.



Enter the line type you wish to use: 1 = all calls, 2 = external calls only, 3 = internal calls only




Enter the destination number (without the external code).



Lift the handset.



Enter the code.

 When call forwarding is active, a special dial tone sounds when you lift the handset.

If DID DTMF is active (contact the service personnel), you can also forward calls to this destination. Destinations: fax = 870, DID = 871, fax DID = 872.

Step by Step

Using Call Forwarding No Reply (CFNR)

Calls that are not answered after three rings (=default, can be adjusted by service personnel) or that are received while another call is ongoing can be automatically forwarded to a specified telephone.



Lift the handset.



Enter the code.



Enter the destination number.

- Enter the internal station number for internal destinations
- Enter the external code and the external station number for external destinations



Replace the handset.

Deactivating Call Forwarding No Reply:



Lift the handset.



Enter the code.



Replace the handset.

Step by Step

Call Forwarding in the Carrier Network and Forwarding Multiple Subscriber Numbers (MSN) (Not for U.S.)

If this function has been configured (contact the service personnel), you can forward calls to your assigned multiple subscriber number (MSN) (DID number) directly within the carrier network.

For example, you can forward your phone line to your home phone after business hours.



Lift the handset.



Enter the code.



Enter the line type you wish to use:

1 = immediate, 2 = on no answer, 3 = on busy



Enter your DID number.



Enter the destination number (without the external code).

Deactivating call forwarding:



Lift the handset.



Enter the code.



Enter the activated call forwarding type.

1 = immediate, 2 = on no answer, 3 = on busy



Enter your DID number.

Step by Step

Using Callback

If a user is busy or is not answering, you can store an automatic callback. This feature saves you from having to make repeated attempts to reach the user.

You receive a callback,

- When the other party is no longer busy
- When the user who did not answer has conducted another call.

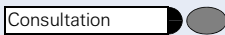
Storing a Callback

Precondition: You have reached a busy line or noone answers.



Press the key. The LED lights up.

or



Press the key. LED flashes. Enter the code.



Answering a Callback

Precondition: A callback was saved. Your telephone rings. The Callback key lights up (if present).



Lift the handset. You hear a ring tone.

Deleting (All) Stored Callbacks



Lift the handset.



Enter the code.

Step by Step

Telephone Settings

Adjusting the Ring Volume

+ **or** **-** Press one of these keys while the phone is idle.

1 Press the key.

+ **or** **-** To raise or lower the volume, keep pressing the keys until the desired volume is set.

+ **-** **simultaneously** Save.

Adjusting the Ring Tone

+ **or** **-** Press one of these keys while the phone is idle.

2 Press the key.

+ **or** **-** To adjust the ring tone, keep pressing the keys until the desired ring tone is set.

+ **-** **simultaneously** Save.

Adjusting the Receiving Volume During a Call

You are engaged in a call.

+ **or** **-** To raise or lower the volume, keep pressing the keys until the desired ring tone is set.

+ **-** **simultaneously** Save.

Step by Step

Making Calls – Convenience Functions

Making Calls

Accepting a Specific Call for Your Colleague

You hear another telephone ring.



Lift the handset.



Enter the code.



Enter the number of the telephone that is ringing.



Accepting calls in a team → Page 53.

Rejecting Calls

You can reject calls which you do not wish to take. The call is then signaled at another definable telephone (contact the service personnel).

The telephone rings.



Press the key.

If a call cannot be rejected, your telephone will continue to ring.

Using the Speakerphone

A colleague addresses you directly over the speaker with a speaker call. You hear a tone before the announcement.

You can respond with the handset or in speakerphone mode.



Lift the handset and answer the call.



Placing a speaker call to a colleague → Page 25.

Step by Step

Answering Calls from the Entrance Telephone and Opening the Door

If an entrance telephone has been programmed, you can use your telephone to speak to someone at the entrance telephone and to activate a door opener. If you are authorized to activate a **door opener** (contact the service personnel), visitors can open the door themselves by entering a 5-digit code (e.g. using a DTMF transmitter or installed keypad).

Speaking to visitors via the entrance telephone:

Precondition: Your telephone rings.



Lift the handset within thirty seconds. You are connected to the entrance telephone immediately.

or

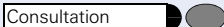


Lift the handset after more than thirty seconds.



Dial the entrance telephone number.

Opening the door from your telephone during a call from the entrance telephone:



Press the key. LED flashes. Enter the code.



Dial the entrance telephone number.



Special features must be taken into consideration if your telephone operates with HiPath 5000 (system networking via PC network) → Page 62!

Opening the door with a code (at the door):



After ringing the bell, enter the five-digit code (using the keypad or a DTMF transmitter). Depending on how the door opener has been programmed, a doorbell call signal may or may not be forwarded.

Step by Step

Activating the door opener:



Lift the handset.



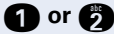
Enter the code.



Dial the entrance telephone number.



Enter the five-digit code. Default code = "00000" (contact the service personnel).



Enter the type of door opener. 1 = enable with ring, 2 = enable w/o ring = You can also open the door without a doorbell ring.

Deactivating the door opener:



Lift the handset.



Enter the code.



Dial the entrance telephone number.

Step by Step

Dialing Numbers/Making Calls

Speed-Dial

Using Station and System Speed-Dial Numbers

Precondition: You have stored station speed-dial numbers → Page 24 or the service personnel has stored system speed-dial numbers.



Lift the handset.



Press the key.



Enter the code.



Enter a speed-dial number.

"*0" to "*9" = station speed-dialing.

"000" to "999" = system speed-dialing (contact the service personnel).

If applicable

Suffix-dialing



If necessary, you can suffix-dial additional digits (for example, the user's extension) at the end of the saved station number.

If this feature is configured, a suffix is automatically dialed (for example, "0" for the exchange) if no entries are made within 4 or 5 seconds.

Storing Station Speed-Dial Numbers

You can store the ten numbers which you use the most and dial them using your own station speed-dial numbers: *0 through *9 → Page 24.



Lift the handset.



Enter the code.



Enter the speed-dial number you wish to use (*0 to *9).

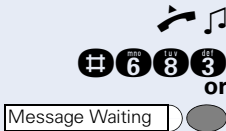


First enter the external code and then the external station number (wait approx. 5 seconds).

Step by Step

Using Mailboxes

If there are messages waiting for you, you will hear a special dial tone (continuous buzzing) when you lift the handset.



Lift the handset.

Enter the code.

Press the illuminated key.

This connects you to the sender of the message or the mailbox system.

Talking to Your Colleague With a Speaker Call

You can make a loudspeaker announcement through a loudspeaker if connected (ask the service personnel), or to an internal user with an system telephone without any action on their part.



Lift the handset.

Enter the code.

Enter the station number.

Talking to Your Colleague with Discreet Calling (Not for HiPath 500)


If this function has been configured (ask your service personnel), you can join an ongoing call conducted by an internal user at a system telephone with display. You can listen in unnoticed and speak to the internal user without being overheard by the other party (discreet calling).



Lift the handset.

Enter the code.

Enter your internal station number.

 Your service personnel can protect your telephone against discreet calling.

Step by Step

Automatic Connection Setup (Hotline)

If this function is configured (contact the service personnel), the system automatically sets up a connection to a preset internal or external destination.



Lift the handset.

Depending on the setting, the connection is either set up **immediately** or only **after** a preset **period of time (hotline after a timeout)**.

Reserve Trunk

If this feature is configured (contact the service personnel), you can reserve a busy trunk for your own use. When the trunk is free, you receive a call.



Lift the handset.



Enter the external code. The external trunk is busy; you hear a busy signal tone. Wait about 5 seconds until the busy tone ends.

The trunk is reserved.



Replace the handset.

When the reserved trunk becomes free:

Your telephone rings.



Lift the handset. You hear the CO dial tone.



Enter the number of the external station.

Step by Step

Assigning a Station Number (Not for U.S.)

If this function has been configured (contact the service personnel), you can selectively assign a specific number (DID number) to your telephone before making an external call. The assigned number then appears on the called party's display.



Lift the handset.



Enter the code.



Enter the DID number you wish to use.



Dial the external number.

Associated Dialing/Dialing Aid

If this function has been configured (contact the service personnel), you can use your telephone as a dialing aid for other telephones.



Lift the handset.



Enter the code.



Enter the internal station number of the party for whom you want to dial.



Enter the number you wish to dial (external number with external code).

Step by Step

During a Call

Using Call Waiting

Callers can still reach you while you are engaged in another call. A signal alerts you to the waiting call. You can either ignore or accept the waiting call. When you accept the waiting call, you can either end the first call or place it on hold and resume the call later on. You can also bar call waiting or the call waiting tone → Page 29.

Accepting a Waiting Call (Camp-On)

Precondition: You are engaged in a phone call and hear a tone (every six seconds).

Ending the first call and answering the waiting call:



Replace the handset. Your telephone rings.



Answer the second call. Lift the handset.

Placing the first call on hold and answering the second call:



Press the key. LED flashes. Enter the code.

You are connected to the call waiting party immediately. The first party is placed on hold.

Ending the second call and resuming the first one:



Press this key and wait two seconds.

or

(depending on the configuration)

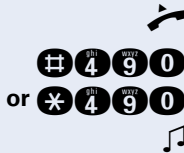


Press the key twice.

Step by Step

Preventing and Allowing Call Waiting (Automatic Camp-On)

If this function has been configured (ask the service personnel), you can prevent or allow a second call → Page 28 from being signaled by automatic camp-on during an ongoing call.

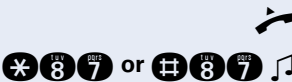


Lift the handset.

Enter the code to "prevent" or "allow" call waiting.

Turning the Call Waiting Tone On and Off

You can suppress the call waiting tone every six seconds for external calls. A one-time special dial tone then alerts you to the waiting call.



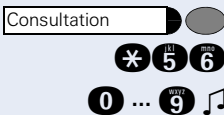
Lift the handset.

Enter code for "tone off" or "tone on".

Parking a Call

You can park up to ten calls, either internal, external, or both. Parked calls can be displayed on and picked up from another telephone. This feature is useful if you want to continue a call at another phone.

Precondition: You are conducting a call.



Press the key. LED flashes. Enter the code.

Enter the number of the park slot (0 - 9) and make a note of it.

If the park slot number you entered is already being used, you will hear the negative confirmation tone. Please enter another number.



Replace the handset.

Step by Step

Retrieving a Parked Call

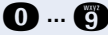
Precondition: One or more calls have been parked. The telephone is idle.



Lift the handset.



Enter the code.



Enter the park slot number you noted earlier.
If the park slot number you enter is not in use, you cannot retrieve the call.



If a parked call is not picked up, after a specific period of time the call is returned to the telephone from where it was parked (recall).

Picking up (Retrieving) a Held Call

Precondition: One or more calls have been parked. The telephone is idle.



Lift the handset.



Enter the code.



Enter the line number you noted earlier.

Conducting a Conference

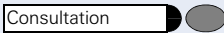
In a conference call, you can talk to as many as four other parties at the same time. These may be internal or external users.



Lift the handset.



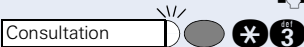
Call the first party.



Press the key. LED flashes.



Call the second station. Announce the conference.



Press the key. Enter the code. The LED goes out.

A tone sounds every 30 seconds to indicate that a conference is in progress. Contact the service personnel for instructions on how to turn it off.

Step by Step



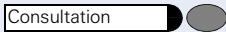
or



If the second party does not answer:

Press this key and wait two seconds.
(depending on the configuration)

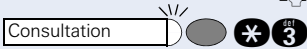
Press the key twice.



Press the key. LED flashes.



Call the new party. Announce the conference.



Press the key. Enter the code. The LED goes out, etc.

Leaving a Conference



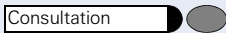
Replace the handset.

Ending a Conference (Initiator Only)



Press the key. LED flashes. Enter the code.

Removing the ISDN Central Office Party From the Conference (Only for U.S., Not for HiPath 500)



Press the key. LED flashes.

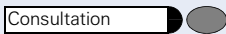


Enter the code.

Activating Tone Dialing/DTMF Suffix-Dialing

You can transmit dual-tone multifrequency (DTMF) signals to control devices such as an answering machine or automatic information system.

You have set up a connection.



Press the key. LED flashes. Enter the code.




You can use the keys "0" through "9", "*", and "#" to transmit DTMF signals.



Ending the call also deactivates DTMF suffix dialing.

Your system may be configured so that you can start DTMF suffix-dialing immediately after setting up a connection.

Step by Step

Consultation 



Recording Calls

If configured (contact the service personnel), you can record calls.

Precondition: You are conducting a call.


Press the key. LED flashes.


Enter the code.

An announcement notifies you and the person you are speaking with that recording has begun. A beep will also sound every 15 seconds until recording has concluded.



While a call is being recorded, a third party cannot be added to the call.

Consultation 

Consultation 

Press the key. LED flashes.

Press the key. The LED goes out.

Playback

The steps required for playing back a recording depend on the voice memory system (see the corresponding Operating Manual or → Page 25).

Step by Step

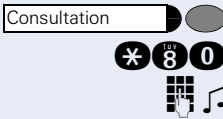
After a Speaker Call (Announcement) in a Group

If this function has been configured (contact the service personnel), you can use a speaker call (announcement, → Page 25) to announce a call in progress to a group of users → Page 52.

After a member of the group has accepted the call request, you can transfer the waiting party.

Precondition: You are conducting a call.

Press the key. LED flashes. Enter the code.



Enter the group's station number.




Announce the call.

When a member of the group accepts the call, you are connected to this party.



Replace the handset.

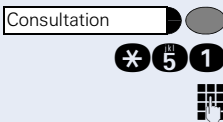
 If the connection between the two other parties is not established within 45 seconds, the call from the first party returns to you (recall).

Trunk Flash (Not for HiPath 500)

To activate ISDN-type services and features through the network carrier's analog trunks or those of other communications platforms (such as "consultation hold"), you must send a signal to the trunks before dialing the service code or telephone number.

Precondition: You have set up an external connection via an analog line.

Press the key. LED flashes. Enter the code.



Enter the service code and/or telephone number.

Step by Step

If You Cannot Reach a Destination

Call Waiting (Camp-On)

It is important that you reach the called party, but the number is busy.



Lift the handset.

Enter the internal station number.

Wait (approx. 5 seconds) until the busy tone is followed by the ring tone.

The called party can then respond → Page 28.




The called party can prevent automatic call waiting → Page 29.

If this feature is configured (contact the service personnel), you will hear the ring tone immediately.

Busy Override - Joining a Call in Progress

This function is only available if it has been configured by the service technician (contact the service personnel).

Precondition: You have dialed an internal number and hear a busy signal. It is important that you reach the called party.

Consultation 



Press the key. LED flashes. Enter the code.

The called party and person to whom this party is talking hear an alerting tone every two seconds.


If the called party has a system telephone with display, the following appears on the screen: "Override: (station no. or name)".

You can now start talking.

Step by Step

Using Night Answer

When night answer mode is active, for example during a lunch break or after office hours, all external calls are immediately forwarded to a specific internal telephone (night station). The night station can be defined by the service personnel (standard night answer service) or by you (temporary night answer service).

 Special features must be taken into consideration if your telephone operates with HiPath 5000 (system networking via PC network) → Page 59!

Activating this function:



Lift the handset.



Enter the code.



Enter the destination number (= temporary night answer service) within 5 seconds.

or



Enter the code or use the default (= standard night answer service).

Deactivating this function:



Enter the code.

Step by Step

Saving Function, Procedures and Appointment

Appointments Function

Saving Appointments

You can tell your telephone to give you a call when you want to be reminded of an appointment → Page 36. To do this, you need to save the time you want the call to be made. The appointment can be set for any time within the next 24 hours.



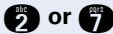
Lift the handset.



Enter the code.



Enter a 4-digit time, such as 0905 for 9:05 (= 9.05 a.m.) or 1430 for 14.30 (= 2.30 p.m.).



If the selected language is "US English" (ask the service personnel) enter the code 2 for "am" or 7 for "pm".



Deleting and checking a saved appointment



Lift the handset.



Enter the code.

Using Timed Reminders

Precondition: You must have saved a timed reminder → Page 36. The current time is the time stored.



Your telephone rings.
Lift the handset and replace it again.



If you fail to answer the timed reminder, it repeats five times and is then erased.

Step by Step

Displaying and Assigning Call Charges

Dialing with Call Charge Assignment

You can assign external calls to certain projects.

Precondition: The service personnel has set up account codes for you.



Lift the handset.



Enter the code.



Enter the account code.

If applicable



Press this key (may be needed, depending on the configuration; contact the service personnel).



Enter the number of the external station.



You can also enter the account code during an external call.

Step by Step


Private Sphere/Security

Turning Do Not Disturb On and Off

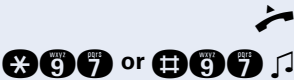
You can activate the do not disturb function if you do not want the receive any calls. When do not disturb is activated, internal callers hear a busy signal and external callers are rerouted to a telephone assigned for this purpose (contact the service personnel).

Lift the handset.

Enter the code for "on" or "off".

 When you lift the handset, a special dial tone (continuous buzzing) reminds you that "do not disturb" is active.

Authorized internal callers can automatically override the "do not disturb" function after five seconds.




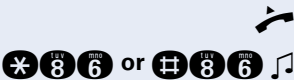
Caller ID Suppression

You can prevent your station number or name from appearing on the displays of external parties you call. The feature remains active until you deactivate it.

Lift the handset.

Enter code for "suppress" or "restore".

 The service personnel can turn caller ID suppression on and off for all telephones.



Silent Monitor

If this function has been configured (contact the service personnel), you can join a call already in progress at an internal station and listen in unnoticed.

Lift the handset.

Enter the code.

Enter the internal station number.



Step by Step

Monitoring a Room

A telephone can be used to monitor a room. The function must be activated on the telephone that you want to monitor.

Calling this telephone lets you hear what is going on in the room.

Activating the telephone to be monitored:



Lift the handset and direct it towards the noise source.



Enter the code.

Deactivating the telephone to be monitored:



Replace the handset.

Monitoring the room:



Lift the handset.



Enter the internal number of the telephone in the room you wish to monitor.

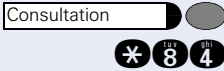
Step by Step

Trace Call: Identifying Anonymous Callers (Not for U.S.)

You can have the carrier identify malicious external callers. You can save the caller's station number during the call or for 30 seconds after the call ends. However, it is essential that you do not replace your handset during this time.



You are engaged in an external call.



Press the key. LED flashes. Enter the code.



After you have finished tracing the call, the data is stored on the carrier's system. Now contact the service personnel.

Locking the Telephone to Prevent Unauthorized Use

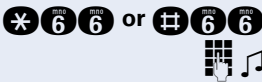
You can prevent unauthorized persons from using your telephone during your absence.

Precondition: You must have configured a personal identification number (PIN) for your telephone → Page 41.

To lock and unlock the telephone:



Lift the handset.



Enter the code for "lock" or "unlock".

Enter the telephone lock PIN → Page 41.



While the telephone is locked, a special dial tone sounds when you lift the handset. You can continue to dial internal numbers as usual.

An authorized party → Page 41 can also lock and unlock your telephone.

Step by Step

Locking Another Telephone to Prevent Unauthorized Use

If this function has been configured (contact the service personnel), you can lock other telephones to prevent unauthorized use, and later unlock them again.

You can use this function to unlock the telephone for users who have locked their telephones and then forgotten their PINs.



Lift the handset.



Enter the code.



Enter the internal number of the telephone that you want to lock or unlock.



Enter the code for "Changeover on".



Enter the code for "Changeover off".

Saving Your PIN

To use the functions

- to prevent unauthorized persons from using your telephone → Page 40
- to use another telephone like your own → Page 43
- to change your call number → Page 44

you need to enter a personal identification number, which you can save yourself.



Lift the handset.



Enter the code.



Enter the current five-digit PIN.

If you have not yet assigned a PIN, use the PIN "00000" the first time you enter it.



Enter the new PIN.



Repeat the new PIN.



If you forget your PIN, contact the service personnel, who can reset your PIN to "00000".

An authorized party → Page 41 can also lock and unlock your telephone.

Step by Step

Using Other Functions/Services

Sending a Message

You can send short text messages (infotexts) to single users or groups of users who have system telephones. On system telephones with no display (e.g. optiPoint 500 entry), on ISDN, pulse or tone dialing telephones, transmitted text messages will be saved as a callback request.



Lift the handset.

Enter the code.

Enter the internal station number of the recipient or group.

Select the preprogrammed message (which can be changed by the service personnel). Enter the code. For example:

- | | |
|------------------------|------------------------|
| 0 = Please callback | 5 = Fax waiting |
| 1 = Someone is waiting | 6 = Dictation please |
| 2 = Appointment | 7 = Please come see me |
| 3 = Urgent call | 8 = Please make copies |
| 4 = Do not disturb | 9 = Ready to depart |

Deleting Sent Messages



Lift the handset.

Enter the code.



Texts sent to groups can be deleted only by the originator.

Step by Step

Answering Messages

If you have received any messages, the button "messages/info" will light up. After lifting the receiver you will hear a special dial tone or an announcement.



Lift the handset.

Enter the code.

Press the illuminated key.

This connects you to the sender of the message or the mailbox system.

Using Another Telephone Like Your Own for a Call

Other people can temporarily use your telephone for outgoing calls as though it were their own.



Lift the handset.

Enter the code.

Enter the other user's station number.



Enter the other user's telephone lock PIN.



Dial the external number.

This state is canceled at the end of the call.

Step by Step

Change call number (relocate)

You can put your call number on every other available telephone when it is set up (contact the service personnel).

Your previous telephone then receives the old call number of your new telephone. The call number together with the settings (e.g. programmed keys) of the telephone are changed.

Precondition: Your old and new telephone are the first telephones at each connection. The telephone are in idle state.

The following procedure is carried out on the new telephone.



Lift the handset.



Enter the code.



Enter your own call number.



Enter code (telephone lock) → Page 41.
(This is not necessary if you have not determined a code yet).



Enter the code.



You can, however, connect your telephone to another connection and carry out the procedure.

Step by Step

Resetting Services and Functions (System-Wide Cancellation for a Telephone)

There is a general reset procedure for activated functions. The following functions are canceled, if they were activated:

- Forwarding on
- Advisory msg. on
- Ringing group on
- Hunting group off
- Suppress call ID
- Waiting tone off
- DND on
- Ringer cutoff on
- Messages received:
- View callbacks



Lift the handset.



Enter the code.

Step by Step

Activating Functions for Another Telephone

If this function has been configured (contact the service personnel), you can turn the following functions on and off for other telephones. This feature is also known as associated service.

- Do not disturb, code: *97/#97 → Page 38
- Call forwarding, code *11, *12, *13/#1 → Page 16
- Lock and unlock all phones, code: *66/#66 → Page 40
- Group ringing, code: *81/#81 → Page 53
- Group call, code: *85/#85 → Page 52
- Reset services and functions, code #0 → Page 45
- Control relay, code: *90/#90 → Page 50
- Night service, code *44/#44 → Page 35
- Timed reminders, code *65 → Page 36



Lift the handset.



Enter the code.



Enter the internal number of the telephone for which you want to activate the function.



Enter the code – e.g. *97 for DND on – and procedure (if relevant).

Using System Functions from the Outside (DISA: Direct Inward System Access)

If this function has been configured (contact the service personnel), you can set up external outgoing calls from outside the system, just like an internal user. You can also activate and deactivate the following functions in your system:

- Reset services and functions, code: #0 → Page 45
- Call forwarding, code: *1/#1 → Page 16

Step by Step

- Lock and unlock all phones, code: *66/#66 → Page 40
- Save PIN, code: *93 → Page 41
- Send a message, code: *68/#68 → Page 42
- Group ringing, code: *81/#81 → Page 53
- Group call, code: *85/#85 → Page 52
- Suppress caller ID, code: *86/#86 → Page 38
- Open door, code: *61 → Page 22
- Door opener on/off, code: *89/#89 → Page 23
- Control relay, code *90/#90 → Page 50
- Do not disturb, code: *97/#97 → Page 38
- Speed-dialing, code: *7 → Page 24
- Associated service, code: *83 → Page 46

Precondition: You have a telephone that uses tone dialing (DTMF dialing) or you can switch your telephone to tone dialing. The telephone is not connected to the system.



Set up a call to the system. Enter the station number (contact the service personnel).



Wait for a continuous tone (if necessary switch the telephone to tone dialing), then enter the internal number that has been assigned to you and the associated PIN.



Enter the code (necessary only if programmed in the system).



Wait for a dial tone and then enter the code, such as *97 for Do not disturb on. Make other inputs as necessary; (refer to the operating instructions for pulse and DTMF telephones).

or



Dial the external number.




You can only execute one function at a time, or set up only one outgoing connection. The connection is immediately released after successful activation of a function. In the case of an external-external call, the connection is released as soon as either of the parties ends the call.

Step by Step

Controlling Connected Computers or Other Programs and Telephone Data Service (Not for HiPath 500)

If this function has been configured (contact the service personnel), you can control connected computers or programs running on them, such as hotel services or information systems, from your telephone.

Precondition: You have set up a connection.

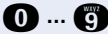
Consultation 



Press the key. LED flashes. Enter the code.

The connected computer now prompts you to enter the data, which you can do in one of two ways. Contact the service personnel to find out which option is programmed in your system:

- Input in en-bloc mode
Enter data.
Press this key at the end of the entry.
- or
- Input in online mode:
The connected computer processes your entries directly.



Enter the code.

Enter data.

Step by Step

Communicating with PC Applications over a CSTA Interface

If this function has been configured (ask your service personnel), you can use your telephone to communicate with PC applications (CSTA = **C**omputer **S**upported **T**elecommunications **A**pplications). You send information to the application and receive information from the application via an acoustic signal.



Enter the code.



Enter the three-digit ID for the application you want to operate.



Use the relevant keys to communicate with the application.

Ending communication with the application:




Lift and replace the handset.

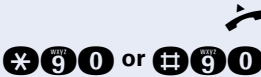
Step by Step

Controlling Relays (Not for HiPath 500)

If this feature is configured (contact the service personnel), you can turn up to four relays on and off to control different facilities (such as a door opener).

Depending on how they are programmed, you can switch the relays on and off or switch them on and have them switched off automatically after a timeout.

 Special features must be taken into consideration if your telephone operates with HiPath 5000 (system networking via PC network) → Page 61!



Lift the handset.

Enter the code for "on" or "off".



Enter the relay.

Step by Step

Radio Paging (Not for U.S., Not for HiPath 500)

If paging equipment is connected to your system (contact the service personnel), you can contact people via their pocket receivers.

The pocket receiver indicates to the person you are looking for that someone is trying to get in touch. The person you page can then go to the nearest telephone and call you.

Paging:

To be paged, you must have activated a call ringing group → Page 53, call forwarding → Page 16, or call redirection to the internal station number of your paging equipment.

A call request is then signaled automatically.

Answering the page from the nearest telephone:



Lift the handset.



Enter the code.



Enter your own station number.

Step by Step

Using Team Functions

Turning Group Call On and Off


If this function has been configured (contact the service personnel), you belong to one or more groups of users who can each be reached under a hunt group or group call number.

Incoming calls are signaled on all group member telephones in the order in which they are received (hunt group) or simultaneously (= group call) until one member of the group accepts the call.


You can also belong to a team (including executive/secretary ones) to which multiple lines have been assigned. → Page 55.

Each member of the group remains available under his or her own station number.

You can activate and deactivate the audible signal for a hunt group, group call or individual trunks in a group (including an executive/secretary team).

 Special features must be taken into consideration if your telephone operates with HiPath 5000 (system networking via PC network) → Page 57!


You belong to a hunt group or a group call:







 Lift the handset.

   or    

Enter the code for "leave" or "join".

You belong to multiple groups or to one group with lines (including executive/secretary teams):

 Lift the handset.

   or   

Enter the code for "leave" or "join".

Enter the code for "Leave all groups".

or

Enter the code for "Join all groups".

or

Enter a group/trunk number to directly "leave or join".

Step by Step



If you deactivate the audible tone for another group or trunk, or deactivate it for all groups and trunks to which you belong, a special dial tone sounds when you lift the handset.

Accepting a Call for Another Member of Your Team

You can accept calls for other telephones in your team (group) from your telephone even while engaged in another call. To do this, contact your service personnel to find out if a group has been configured.

Precondition: Your telephone rings briefly.



Lift the handset.



Enter the code.

Activating and Deactivating a Ringing Group

You can have calls for your telephone signaled audibly at up to five other phones. The person who answers first receives the call.



Special features must be taken into consideration if your telephone operates with HiPath 5000 (system networking via PC network) → Page 60!

Saving telephones for the ringing group:



Lift the handset.



Enter the code.



Enter the internal station number.

Removing all telephones in call ringing group:



Lift the handset.



Enter the code.

Step by Step

Uniform Call Distribution (UCD)

If this function has been configured (contact the service personnel), you belong to a group of users (agents) to whom calls are distributed.

An incoming call is always assigned to the agent who has had the longest break without a call.

Logging on and off at the beginning and end of your shift:



Lift the handset.

*401 or #401

Enter the code for "Log on" or "Log off".



To log on, enter your identification number ("Agent:"). Contact the service personnel to find out what it is.

Logging on and off during your shift:



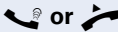
Lift the handset.

#402 or *402

Enter the code for "Not available" or "Available".

Requesting and activating a work time:

If you want to follow-up on the last call you answered without being disturbed, you can request and activate a work time. This removes your telephone from the call distribution cycle for a programmable period of time until you log back on.



You have or had an UCD connection.

*403 or #403

Enter the code for "on" or "off".

Turning the night service on and off for UCD:



Lift the handset.

*404 or #404

Enter the code for "on" or "off".

Step by Step

Team and Executive/Secretary Functions With Assigned Trunk Lines

If this function has been configured (contact the service personnel), you belong to a team of users for whom special trunk lines exist. You can then conduct your calls as usual via the trunk assigned to you.

In addition, you can also activate call forwarding or a ring transfer for the lines of your group.

Forwarding Calls on Lines

You can immediately forward internal or external calls on lines of your group to different internal or external telephones (destinations); even external destinations are possible in certain system configurations. Activating call forwarding for one line activates the function for all members in your group.



Lift the handset.



Enter the code.



Enter the desired line number.



Enter the line type you wish to use:

1 = all calls, 2 = external calls only, 3 = internal calls only



Enter the destination number (without the external code).

Deactivating call forwarding:



Lift the handset.



Enter the code.



Enter the desired line number.



If you have activated call forwarding for a trunk, a special dial tone sounds when the line is seized.

Step by Step

Transferring Calls Directly to the Executive (Only in an Executive/Secretary Group)

Normally, audible signaling of all calls for the executive is heard only in the secretary's office. You can activate audible signaling so that calls are only signaled on the executive telephone and on a second telephone assigned to it.

Activating this function:



Lift the handset.



Enter the code.



Enter the desired line number.

Deactivating this function:



Lift the handset.



Enter the code.



Enter the desired line number.

Testing the Telephone

Testing the Telephone Functions

You can test your telephone functions.

Precondition: Your telephone is idle.



Lift the handset.



Enter the code.

If everything is OK,

- all LEDs on the telephone start flashing, and
- the ringer signal sounds.

Step by Step

Special Functions in the LAN (Not for HiPath 500)

If your telephone is operating in a HiPath 5000 environment, multiple HiPath 3000 systems are interconnected via a LAN (Local Area Network, e.g. proprietary PC network). Your telephone calls are conducted via the LAN (PC network).

If this is the case, you must take certain special features into consideration when performing various functions. These are described below.

Leaving a Hunt Group/Group Call

Precondition: you belong to the hunt group/group call
→ Page 52 of another HiPath 3000:



Lift the handset.



Enter the code.



Enter the (DISA) call number of the other HiPath 3000.



Enter.



Enter the (DISA) call number of your telephone.



Enter.



Enter the code for "leave" or "join".

You belong to multiple groups of another HiPath 3000:



Enter the group number for "Join/Leave, directed".

Step by Step

Transferring Call Forwarding

You can activate/deactivate call forwarding → Page 16 for your telephones from other HiPath 5000 telephones.



Lift the handset.



Enter the code.



Enter the (DISA) call number of the HiPath 3000 to which your telephone is connected.



Enter.



Enter the (DISA) call number of your telephone.



Enter.

Activating this function:



Enter the code.



Enter the line type you wish to use:
1 = all calls, 2 = external calls only, 3 = internal calls only



Enter the destination number (without external code).

Deactivating this function:



Enter the code.

Step by Step

Using Night Answer

If authorized (contact the service personnel), you can define telephones in other HiPath 3000 communications platforms as the night answer → Page 35.



Lift the handset.



Enter the code.



Enter the (DISA) call number of the HiPath 3000 to which the night answer telephone is connected.



Enter.



Enter the (DISA) call number of the telephone from which you wish to activate/deactivate the night answer service.



Enter.

Activating this function:



Enter the code.



Enter the destination number (= temporary night answer service) within 5 seconds.

Deactivating this function:



Enter the code.

Step by Step

Activating and Deactivating a Ringing Group

You can have calls for your telephone signaled audibly at external telephones or at telephones in other HiPath 3000 communications platforms → Page 53.

Saving the telephones for the ringing group:



Lift the handset.



Enter the code.



Enter the call number.



Enter.

Removing all telephones in call ringing group:



Lift the handset.



Enter the code.

Step by Step

Controlling Relays

If this feature is configured (contact the service personnel, you can also control relays → Page 50 in other HiPath 3000 communications platforms.



Lift the handset.



Enter the code.



Enter the (DISA) call number of the HiPath 3000 in which the relay is to be controlled.



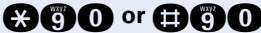
Enter.



Enter the (DISA) call number of the telephone from which you wish to control the relay.



Enter.



Enter the code for "on" or "off".



Enter the relay.

Step by Step

Opening the Door

If this feature is configured (contact the service personnel), you can also activate the door opener → Page 22 in other HiPath 3000 communications platforms.



Lift the handset.



Enter the code.



Enter the (DISA) call number of the HiPath 3000 in which the door is to be opened.



Enter.



Enter the (DISA) call number of the telephone from which you wish to activate the door opener.



Enter.



Enter the code.



Enter the call number of the entrance telephone.

Documentation

You can find these operating instructions in the Internet in PDF format under <http://www.siemens.com/hipath>

and on CD-ROM (ask the service personnel) in HTML and PDF format.

In order to look at and print the operating instructions in PDF format, you need a computer on which the free Acrobat Reader software package is installed by Adobe.

To look at the operating instructions in HTML format you need a computer with a www browser, e.g. Microsoft Internet Explorer.

Fixing Problems

Telephone Maintenance

- Always use a damp or antistatic cloth to clean the telephone. Never use a dry cloth.
- If the telephone is very dirty, clean it with a diluted neutral cleaner containing surfactants, such as a dish detergent. Afterwards remove all traces of the cleaner with a damp cloth (using water only).
- Never use cleaners containing alcohol, cleaners that corrode plastic, or abrasive powders.

Troubleshooting

Pressed key does not respond:

Check whether the key is stuck.

Telephone does not ring:

Check whether the "do not disturb" function was activated on your telephone. On lifting the handset, you will hear a special dial tone. If so, deactivate it → Page 38.

You cannot dial an external number:

Check whether your telephone is locked. On lifting the handset, you will hear a special dial tone. If so, unlock the telephone → Page 40.

To correct any other problem:

First contact the service personnel. If the service personnel is unable to correct the problem, contact Customer Service.

Index

A

account code	37
agents	54
announcement	25
answering a timed reminder	36
appointment	36
assigning a DID number	27
associated dialing/dialing aid	27
automatic connection setup	26

C

call	
accepting, group	53
answering	11
entrance telephone	22
forwarding	16
forwarding in a team	55
forwarding MSN in CO	18
parking	29
pickup, directed	21
rejecting	21
retrieving from park	30
retrieving held	30
transfer after announcement	33
call charge assignment	37
call recording	32
call signal	11
call transfer	15
call volume	11, 20
call waiting	
accepting	28
allowing	29
preventing	29
call waiting (camp-on)	34
tone off	29
call waiting on/off	29
call waiting tone on/off	29
caller ID	
restoring display of	
suppressing display of caller ID	38
caller ID suppression	38
calling a second party	14

calls	
distributing	54
calls in queue	54
CE mark	3
change call number	44
cleaning the telephone	64
conference	15
connection setup, automatic	26
consultation hold key	14

D

dialing	
internal/external calls	13
dialing internal calls	13
dialing numbers	
on-hook dialing	13
using redial	14
using speed-dialing	24
direct inward system access (DISA)	46
DISA	46
discreet calling	25
distributing calls	54
do not disturb	38
door opener	23

E

entrance telephone	22
executive/secretary functions	55
explanation of symbols	9
external code	13

F

forwarding	16
multiple subscriber number (MSN)	18
forwarding MSN in CO	18
functions	
activating/deactivating for another tele- phone associated service	46
resetting	45

G

group call	52
------------------	----

H

handsfree answerback	21
HiPath 5000	
actuators	61
group call	57
hunt group	57
night answer	59
opening the door	62
relays	61
ringing group	60
transferring call forwarding	58
hotline	26
hunt group	52

I

IP telephony	57
--------------------	----

K

keys	
fixed	8

L

LAN telephony	57
LEDs=light emitting diodes	8
locking	
all phones	41
locking all phones	41
locking/unlocking the telephone	40

M

mailbox	25
making calls	
with the dialing aid	27
making external calls	13
making trunk calls	13
malfunctions	64
message	
answering	43
deleting/displaying	42
receiving	43
sending	42
monitoring	
silent	38
multiple subscriber number (MSN)	18

N

night answer	35
notes	2

O

open door	
with a code	22
open listening	12
operating principle	10
operating steps	9
override	34, 38

P

parking a call	29
personal identification number	41
pickup (call)	21, 53
PIN	41
for a telephone	40
preventing and allowing	
automatic camp-on	29
programming your telephone	20, 38
project calls	37

R

radio paging equipment PSE	51
recall	33
receiving volume	11, 20
recording	32
redialing a number	14
relays	50
relocate	44
reserving a trunk	26
resetting functions	45
resetting services	45
ring tone	20
ring transfer	
in an executive/secretary team	56
ring volume	20
ringing group	53
room monitor	39

S

saving a PIN 41

secretary functions 55

security 38

setting your telephone 20, 38

silent monitor 38

speaker call 25

special dial tone 25

speed-dialing

- dialing numbers 24
- saving station speed-dialing 24
- suffix-dialing 24
- system 24

station number

- assigning 27

station speed-dialing 24

suffix-dialing 31

- automatic 24
- DTMF tone dialing 31

switches 50

system speed-dialing 24

system-wide cancellation 45

T

telephone

- cleaning 64
- locking 40
- locking another 41
- locking/unlocking 40
- locking/unlocking all phones 41
- maintaining 64
- operating 10
- settings 20, 38
- testing 56
- using another like your own 43

telephone data service 48

telephone maintenance 64

telephone test 56

temporary phone using a

- temporary phone 43

testing the telephone 56

testing the telephone functions 56

text message

- answering 43
- deleting/displaying 42
- receiving 43
- sending 42

three-party conference 15

time-dependent hotline 26

toggle 15

tone dialing 31

tone dialing (DTMF dialing) 31

trace call 40

transfer (call)

- after announcement 33

transfer call 15

trunk flash 33

trunk, reserving 26

U

UCD 54

using functions from the outside 46

V

































































































































variable call forwarding 16

W

work time 54

Overview of Functions and Codes (Alphabetical)






















































The table below lists all available functions. If these functions have been configured (contact the service personnel), they can be called by entering a code or pressing a function key.

Functions	Operating Steps
Accept call	Directed  *     Int.
	Group  *  
Adjust ring tone	( or )    simultaneously
Adjust ring volume	( or )    simultaneously
Answer call	
Assign station number (not for U.S.)	 *    MSN  Ext.
Associated dialing	 *    Int.   Stn No.
Associated service	 *    Int. 
Call charge assignment/account code	 *    ACCT  if appl.   Ext.
Call forwarding On	 *    Stn No. 
	 *    Stn No. 
	 *    Stn No. 
Off	   
Forward Line: On	 *     Trk No.   Stn No. 
	 *     Trk No.   Stn No. 
	 *     Trk No.   Stn No. 
Forward Line: Off	      Trk No. 
CFNR On	 *     Stn No.  
CFNR Off	       
Call forwarding in carrier network on	 *     MSN  Ext. 
	 *     MSN  Ext. 
	 *     MSN  Ext. 

Functions		Operating Steps
Call forwarding	Call forwarding in carrier network off	6 4 1 MSN 6 4 2 MSN 6 4 3 MSN
Call waiting (camp-on)		Int. Stn busy, wait 5 seconds
Callback	Store a callback	<input type="text" value="Callback"/>
	Delete a callback	5 8
	Answering a callback (call)	
Call Recording		<input type="text" value="Consultation"/> *493
Camp-on	Accept a waiting call (camp-on)	 <input type="text" value="Consultation"/> *55
	Terminate second call, resume first call	(1x or 2x) <input type="text" value="Consultation"/>
	Prevent call waiting (automatic camp-on)	490
	Allow call waiting (automatic camp-on)	*490
	Call waiting tone on	87
	Call waiting tone off	*87
Change call number		*9419 own call No. Code 9419
Change call volume		(+ or -) + - simultaneously

Functions		Operating Steps
Conference	Start	Stn No. <input type="text" value="Consultation"/> Stn No. <input type="text" value="Consultation"/> * 3
	The other party does not respond 1. Continue the call	(1x or 2x) <input type="text" value="Consultation"/>
	Add a party to the conference (max. five)	<input type="text" value="Consultation"/> Stn No. <input type="text" value="Consultation"/> * 3 etc.
	Leave conference	
	End conference	<input type="text" value="Consultation"/> # 3
	Remove ISDN central office party from the conference (only for U.S., not for HiPath 500)	<input type="text" value="Consultation"/> * 4 9 1
Consult		<input type="text" value="Consultation"/> Stn No.
	Quit consultation, resume first call	(1x or 2x) <input type="text" value="Consultation"/>
	Toggle	<input type="text" value="Consultation"/> * 2
	Start three-party conference	<input type="text" value="Consultation"/> * 3
	Connect parties	
Control relay	On (not for HiPath 500)	* 9 0 1 ... 4
	Off (not for HiPath 500)	# 9 0 1 ... 4
Data I/O Service	* 4 9 4 three-digit ID	
Discreet Cal (Not for HiPath 500)	* 9 4 5 Int.	
DND	On	* 9 7
	Off	# 9 7

Functions		Operating Steps
Door opener	Conversation (entrance telephone)	or after 30 seconds Int.
	Open door	Consultation * 6 1 Int.
	Door release on	* 8 9 Int. + Code (1 or 2)
	Door release off	# 8 9 Int.
DTMF dialing/Tone dialing		Consultation * 5 3
Ending a call		or Release
Group call	Leave	# 8 5 or # 8 5 # or # 8 5 Group
	Join	* 8 5 or * 8 5 # or * 8 5 Group
HF answerback		
Hotline		
Making calls		Stn No. or Stn No.
Message	Send	* 6 8 Int. (0...9)
	Delete (sent)	# 6 8 1
	Answering	# 6 8 3
Monitoring		* 9 4 4 Int.
Mute	Off	Mute
	On	Mute
Night answer	On	* 4 4 Int. or * 4 4 *
		# 4 4
	Off	# 4 4
Override		Stn busy Consultation * 6 2

Functions		Operating Steps
Paging another person (not for U.S., not for HiPath 500)	Answer page	 * ^{INT} 5 ^{EXT} 9  Int.
Park a call		 <input type="text" value="Consultation"/>  * ^{INT} 5 ^{EXT} 6 (^{EXT} 0... ^{EXT} 9)  
	Retrieve a parked call	  ^{INT} 5 ^{EXT} 6 (^{EXT} 0... ^{EXT} 9)
Phone	Changeover on (lock)	 * ^{EXT} 6 ^{EXT} 6  Code
	Changeover off (unlock)	  ^{EXT} 6 ^{EXT} 6  Code
	Lock all phones	 * ^{EXT} 9 ^{EXT} 4 ^{EXT} 3  Int. * 
	Unlock all phones	 * ^{EXT} 9 ^{EXT} 4 ^{EXT} 3  Int. 
Phone test		 * ^{EXT} 9 ^{EXT} 4 ^{EXT} 0
Picking up (retrieving) a held call		 * ^{EXT} 6 ^{EXT} 3  Line No.
Redial		 <input type="text" value="Redial"/> 
Reject call		<input type="text" value="Release"/> 
Reset services		  0 
Ring transfer	On	 * ^{INT} 5 ^{EXT} 0 ^{EXT} 2  Line No. 
	Off	  ^{INT} 5 ^{EXT} 0 ^{EXT} 2  Line No. 
Ringing group	On	 * ^{EXT} 8 ^{EXT} 1  Int. 
	Off	  ^{EXT} 8 ^{EXT} 1 
Room monitor	On	 * ^{EXT} 8 ^{EXT} 8 ^{EXT} 8  
	Off	
	Monitoring a room	  Int.
Saving a PIN		 * ^{EXT} 9 ^{EXT} 3  Old code  2x new code
Speaker call		 * ^{EXT} 8 ^{EXT} 0  Int. 

Functions		Operating Steps
Speed-dialing	Use speed-dialing	Speed-dial (*0...*9 or 000...999) or * 7 (*0...*9 or 000...999)
	Speed-dialing: store station	* 9 2 *0... *9 Ext.
Suppress caller ID	On	* 8 6
	Off	# 8 6
Telephone data service (not for HiPath 500)		Consultation * 4 2
Timed reminder	Save	* 4 6 (Time e.g.0905)
	Delete	# 4 6
	Accept timed call	
Trace call (not for U.S.)		Consultation * 8 4
Transferring a call		Consultation Stn No.
	...After announcement to group	Consultation * 8 0 Group
Trunk flash (not for HiPath 500)		Consultation * 5 1
Trunk	Reserve trunk	Busy (external) Wait 5 seconds
	When the reserved trunk is free	Ext.

Functions		Operating Steps
UCD	Log on at beginning of shift	* 4 0 1 Code
	Log off at end of shift	# 4 0 1
	Log off work	# 4 0 2
	Log on work	* 4 0 2
	Work time on	(or) * 4 0 3
	Work time off	(or) # 4 0 3
	Night answer on	* 4 0 4
	Night answer off	# 4 0 4
Using another phone like your own	* 5 0 8 Int. Code	
Using mailboxes		# 6 8 3 or
		Message Waiting

FCC and Industry Canada Compliance

This section describes the requirements for compliance with Federal Communications Commission (FCC) Rules and Industry Canada CS-03 standard.

FCC Certification and Requirements

The following paragraphs describe requirements and information based on FCC rules.

Service

If you experience problem with the Siemens optiPoint telephone, contact Siemens customer support at 1-800-835-7656 for information on service and repairs. The telephone company can ask you to disconnect the equipment from the network until the problem is corrected or until you are sure that the equipment is not malfunctioning.

FCC Rules, Part 15

The Siemens optiPoint telephone has been tested and complied with the limits for a class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, can cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference in the user's expense.

FCC Rules, Part 68

FCC Part 68 Certification

The Siemens optiPoint telephone is certified with FCC under Part 68 as a component device for connection behind FCC Part 68 certified Siemens PBX systems. In order for the FCC certification of the Siemens optiPoint telephone to be retained, all other products used in conjunction with the Siemens optiPoint telephone must also be FCC Part 68 certified for use with the front-end terminal equipment. If any of these components are not certified, Siemens is required to obtain FCC Part 68 certification of the assembled equipment prior to connection to the telephone network. Part 68 certification requires Siemens to maintain this approval and as such are responsible for the following:

- Any component added to the Siemens optiPoint telephone, whether it bears component certification or not, will require a Part 68 compliance evaluation. Siemens may need to test and make a modification filing to the FCC before that new component can be used;
- Any modification/update made to the Siemens optiPoint telephone will require a Part 68 compliance evaluation. Siemens may need to test and make a modification filing to the FCC before that modified component can be used;
- Siemens optiPoint telephone complies with and will continue to comply with all the applicable rules and regulations in Subpart D of the FCC Part 68 rules during the lifetime of the product.

If at any time the ownership of Siemens optiPoint telephone is transferred to someone else (whether independently or as part of a system), please supply this manual to the new owner.

1. REN

The ringer equivalence number (REN) is used to determine the quality of devices which may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of RENs should not exceed five (5.0). At the base of the telephone is a label contains, among other information, the REN and the FCC certification number. If requested, this information must be given to the telephone company. To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company.

Note: REN is associated with the analog telephones. It is not applicable to Siemens optiPoint telephone. If requested, please supply the FCC Certification numbers of the front-end host terminal equipment that have a direct Public Switched Telephone Network connection (i.e. have a REN stated on the label) and the highest REN.

2. Facility Interface Information

Siemens optiPoint telephone connects to the public switched telephone network through FCC Part 68 certified front-end host PBX equipment which specifies the type of network jacks to be used.

3. Disruption of the Network

If the Siemens optiPoint telephone disrupts the telephone network, the telephone company can discontinue your service temporarily. If possible, the telephone company will notify you in advance. If advance notice is not practical, they will notify you as soon as possible. You are also informed of your right to file a complaint with the FCC.

4. Telephone Company Facility Changes

The telephone company can make changes in its facilities, equipment, operations, or procedures that can affect the operation of your equipment. If they do, you should be notified in advance so you have an opportunity to maintain uninterrupted telephone service.

5. Hearing-Aid Compatibility

Telephones for emergency use and telephones installed in common areas such as lobbies, hospital rooms, elevators, and hotel rooms must have handsets that are compatible with magnetically coupled hearing aids. Persons who are not in common areas must also be provided with hearing-aid compatible handsets, if needed.

The Siemens optiPoint telephone complies with the FCC Rules, Part 68, Section 68.316 Hearing Aid Compatibility and 68.317 volume control requirements.

6. Programmed Dialer Features

When you program emergency numbers or make test calls to emergency numbers using Siemens products with programmed dialer features, stay on the line and briefly explain to the dispatcher the reason for the call before hanging up. Perform these activities in off-peak hours, such as early morning or late evening.

Equipment Attachment Limitations

The following are notices required by Industry Canada Terminal Attachment Program Certification Procedure CP-01, Part I, Section 14.

Ringer Equivalence Number (REN)

The Ringer Equivalence Number (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5. The REN is associated with the analog loop-start and ground-start telephones. It is not applicable to Siemens optiPoint telephones.

Equipment Attachment Limitations

The Industry Canada label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirement documents. The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.



DANGER

Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

www.siemens.com/hipath



The information provided in this document contains merely general descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products.

An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.

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