



**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 59.

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 instructions 8

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 Functions 11

Making and Answering Calls 11
 Answering a Call 11
Open Listening in the Room During a Call 11
Dialing Numbers/Making Calls 12
 Answering a Call With the Handset 12
 On-Hook Dialing 12
Ending the call 12
Redialing a Number 13
Turning the Microphone On and Off 13
Calling a Second Party (Consultation Hold) 13
 Switching to the Party on Hold (Toggle) 14
 Transferring a Call 14
Call Forwarding 14
 Using Variable Call Forwarding 14
 Call Forwarding in the Carrier Network
 and Forwarding Multiple Subscriber Numbers (MSN) (Not for U.S.) 15
Using Callback 16
 Storing a Callback 16
 Answering a Callback 16
 Deleting (All) Stored Callbacks 16
Telephone Settings 17
 Adjusting the Ring Volume 17
 Adjusting the Ring Tone 17
 Adjusting the Receiving Volume During a Call 17

Making Calls – Convenience Functions 18

Making Calls	18
Accepting a Specific Call for Your Colleague	18
Rejecting Calls	18
Using the Speakerphone	18
Answering Calls from the Entrance Telephone and Opening the Door	19
Dialing Numbers/Making Calls	21
Speed-Dial	21
Using Mailboxes	22
Talking to Your Colleague With a Speaker Call	22
Automatic Connection Setup (Hotline)	22
Reserve Trunk	23
Assigning a Station Number (Not for U.S.)	24
Associated Dialing/Dialing Aid	24
During a Call	25
Using Call Waiting	25
Accepting a Waiting Call (Camp-On)	25
Preventing and Allowing Call Waiting (Automatic Camp-On)	26
Turning the Call Waiting Tone On and Off	26
Parking a Call	26
Picking up (Retrieving) a Held Call	27
Conducting a Conference	27
Activating Tone Dialing/DTMF Suffix-Dialing	28
After a Speaker Call (Announcement) in a Group	29
Trunk Flash (Not for HiPath 500)	29
If You Cannot Reach a Destination	30
Call Waiting (Camp-On)	30
Busy Override - Joining a Call in Progress	30
Using Night Answer	31

Saving Function, Procedures and Appointment . . . 32

Appointments Function	32
Saving Appointments	32
Using Timed Reminders	32

Displaying and Assigning Call Charges 33

Dialing with Call Charge Assignment	33
---	----

Private Sphere/Security 34

Turning Do Not Disturb On and Off	34
Caller ID Suppression	34
Silent Monitor	35
Monitoring a Room	35

Trace Call: Identifying Anonymous Callers (Not for U.S.) 36
Locking the Telephone to Prevent Unauthorized Use 36
Locking Another Telephone to Prevent Unauthorized Use 37
Saving Your PIN. 37

Using Other Functions/Services38

Sending a Message 38
 Deleting Sent Messages 38
 Answering Messages 39
Using Another Telephone Like Your Own for a Call 39
Change call number (relocate) 40
Resetting Services and Functions
(System-Wide Cancellation for a Telephone) 41
Activating Functions for Another Telephone 42
Using System Functions from the Outside
(DISA: Direct Inward System Access) 42
Controlling Connected Computers or Other Programs and Telephone
Data Service (Not for HiPath 500) 44
Controlling Relays (Not for HiPath 500) 45
Radio Paging (Not for U.S., Not for HiPath 500) 45
 Simple Paging Equipment 45
 Enhanced Paging Equipment (HiPath 3700/3750/3800 Only) 46

Using Team Functions.47

Turning Group Call On and Off 47
Accepting a Call for Another Member of Your Team 48
Activating and Deactivating a Ringing Group 48
Uniform Call Distribution (UCD) 49

**Team and Executive/Secretary Functions With
Assigned Trunk Lines50**

Forwarding Calls on Lines 50
Transferring Calls Directly to the Executive (Only in an Executive/Secretary
Group) 51

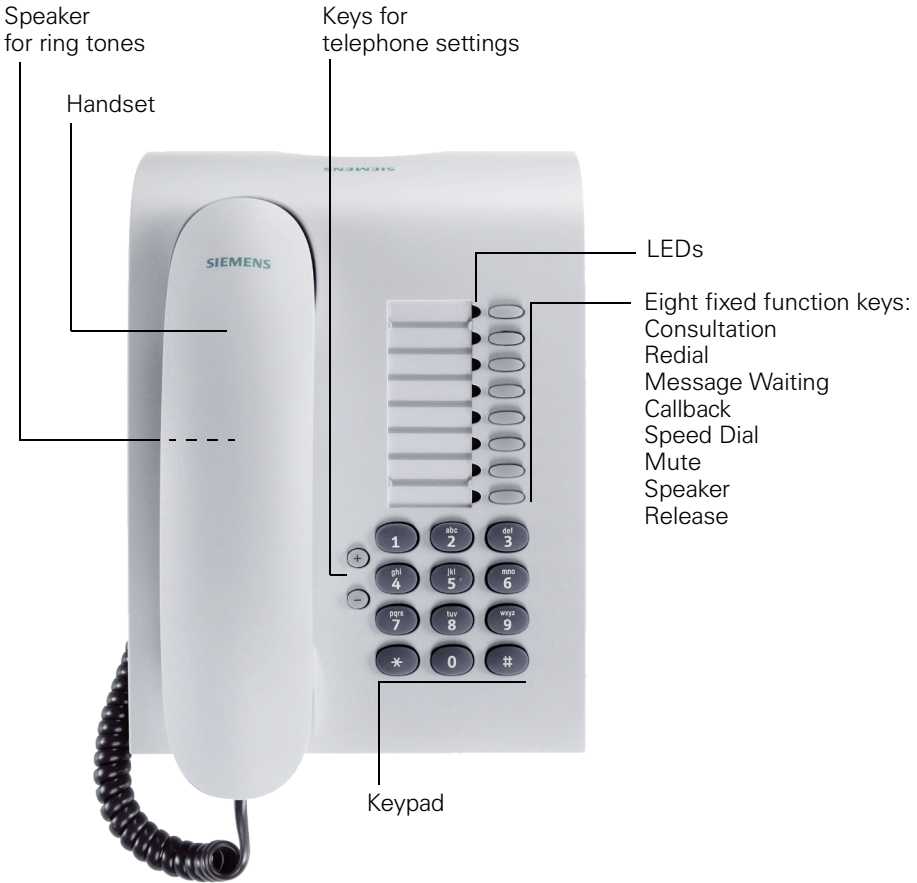
Testing the Telephone.51


Testing the Telephone Functions 51

Special Functions in the LAN (Not for HiPath 500)	52
Leaving a Hunt Group/Group Call	52
Transferring Call Forwarding	53
Using Night Answer	54
Activating and Deactivating a Ringing Group	55
Controlling Relays	56
Opening the Door	57
Documentation	58
Fixing Problems	59
Telephone Maintenance	59
Troubleshooting	59
Index	60
Overview of Functions and Codes (Alphabetical) ..	63
FCC and Industry Canada Compliance	69
FCC Certification and Requirements	69
Equipment Attachment Limitations	71

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.

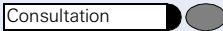
An alphabetically ordered overview of all functions and their corresponding codes can be found in the **Appendix** (Quick-Reference Operating Instructions).



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.



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.

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.

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 33.

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.

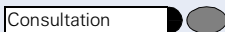
Turning off the mute:



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:



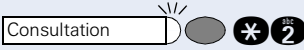
Press this key and wait two seconds.

or



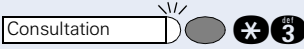
Press the key twice.

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.

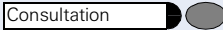
Connecting the other parties to each other



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.

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 RSM (system networking via PC network) → Page 53!



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).

Step by Step



Deactivating call forwarding:

Lift the handset.

Enter the code.



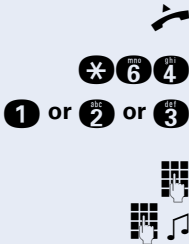
When call forwarding is active, a special dial tone sounds when you lift the handset.

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.

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.

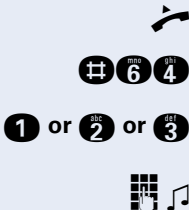
Enter the line type you wish to use:

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.

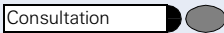
Storing a Callback

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 48.

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 22.

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

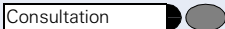


Lift the handset after more than thirty seconds.



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 RSM (system networking via PC network) → Page 57!

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



Lift the handset.



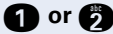
Enter the code.



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 21 or the service personnel has stored system speed-dial numbers.



Lift the handset.



Press the key.

or



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 21.



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.

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)**.

Step by Step

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 26.

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

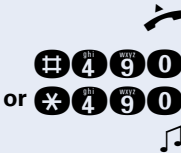


Press the key twice.

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 25 from being signaled by automatic camp-on during an ongoing call.

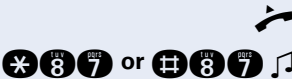


Lift the handset.

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.



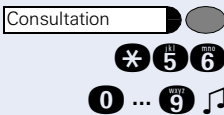
Lift the handset.

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

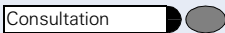
In a conference call, you can talk to as many as four other parties at the same time. These may be internal or external users.



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

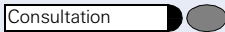


If the second party does not answer:

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



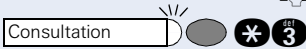
Press the key twice.



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



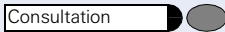
Replace the handset.

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.



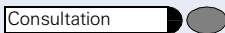
Enter the code.

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

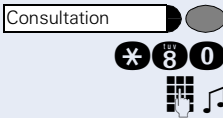
After a Speaker Call (Announcement) in a Group

If this function has been configured (contact the service personnel), you can use a speaker call (announcement, → Page 22) to announce a call in progress to a group of users → Page 47.

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.

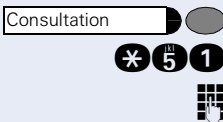
 If the connection between the two other parties is not established within 45 seconds, the call from the first party returns to you (recall).

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 25.



The called party can prevent automatic call waiting → Page 26.


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.

Press the key. LED flashes. Enter the code.

Consultation 



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 RSM (system networking via PC network) → Page 54!

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 32. 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.



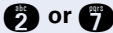
Lift the handset.



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 32. 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

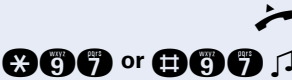
You can activate the do not disturb function if you do not want the receive any calls. When do not disturb is activated, internal callers hear a busy signal and external callers are rerouted to a telephone assigned for this purpose (contact the service personnel).

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.




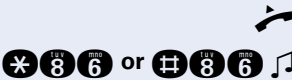
Caller ID Suppression

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.



Step by Step

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.

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.



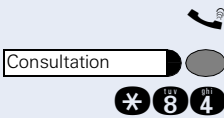
Enter the internal number of the telephone in the room you wish to monitor.

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 37.


To lock and unlock the telephone:

Lift the handset.



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

Enter the telephone lock PIN → Page 37.

 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 37 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".

or



Enter the code for "Changeover off".

Saving Your PIN

To use the functions

- to prevent unauthorized persons from using your telephone → Page 36
- to use another telephone like your own → Page 39
- to change your call number → Page 40

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 37 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.

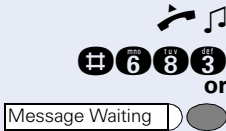


Texts sent to groups can be deleted only by the originator.

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 37.
(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 34
- Call forwarding, code *11, *12, *13/#1 → Page 14
- Lock and unlock all phones, code: *66/#66 → Page 36
- Group ringing, code: *81/#81 → Page 48
- Group call, code: *85/#85 → Page 47
- Reset services and functions, code #0 → Page 41
- Control relay, code: *90/#90 → Page 45
- Night service, code *44/#44 → Page 31
- Timed reminders, code *65 → Page 32



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 41
- Call forwarding, code: *1/#1 → Page 14

Step by Step

- Lock and unlock all phones, code: *66/#66 → Page 36
- Save PIN, code: *93 → Page 37
- Send a message, code: *68/#68 → Page 38
- Group ringing, code: *81/#81 → Page 48
- Group call, code: *85/#85 → Page 47
- Suppress caller ID, code: *86/#86 → Page 34
- Open door, code: *61 → Page 19
- Door opener on/off, code: *89/#89 → Page 20
- Control relay, code *90/#90 → Page 45
- Do not disturb, code: *97/#97 → Page 34
- Speed-dialing, code: *7 → Page 21
- Associated service, code: *83 → Page 42

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.
- Input in online mode:
The connected computer processes your entries directly.

 ... 



or



 ... 

Enter the code.

Enter data.

Step by Step

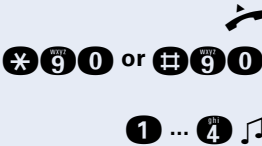
Controlling Relays (Not for HiPath 500)

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 RSM (system networking via PC network) → Page 56!



Lift the handset.

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

Enter the relay.

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.

The operating procedures differ according to the type of radio paging equipment connected (simple or enhanced paging equipment).

Simple Paging Equipment

Paging:

To be paged, you must have activated a call ringing group → Page 48, call forwarding → Page 14, or call redirection (service technician) to the internal station number of your paging equipment.

A call request is then signaled automatically.

Step by Step

Answering the page from the nearest telephone:



Lift the handset.



Enter the code.



Enter your own station number.

Enhanced Paging Equipment (HiPath 3700/3750/3800 Only)

Paging:



Lift the handset.



Enter the code.



Enter the number of the party you want to page.

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.

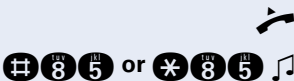
You can also belong to a team (including executive/secretary ones) to which multiple lines have been assigned. → Page 50.

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 RSM (system networking via PC network) → Page 52!

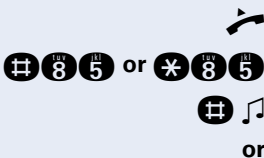
You belong to a hunt group or a group call:



Lift the handset.

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.

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

Enter the code for "Leave all groups".



Enter the code for "Join all groups".



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: You 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 RSM (system networking via PC network) → Page 55!

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.

* 4 0 1 or # 4 0 1

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:

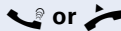
Lift the handset.

4 0 2 or * 4 0 2

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.

* 4 0 3 or # 4 0 3

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

Turning the night service on and off for UCD:

Lift the handset.

* 4 0 4 or # 4 0 4

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).



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 RSM environment, multiple HiPath 3000 systems are interconnected via a LAN (**L**ocal **A**rea **N**etwork, 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 47 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 14 for your telephones from other HiPath 5000 RSM 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 31.



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 48.

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 45 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.



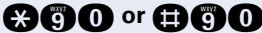
Enter.



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 19 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 34.

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 36.

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 33
- agents 49
- announcement 22
- answering a timed reminder 32
- appointment 32
- assigning a DID number 24
- associated dialing/dialing aid 24
- automatic connection setup 22

C

- call
 - accepting, group 48
 - answering 11
 - entrance telephone 19
 - forwarding 14
 - forwarding in a team 50
 - forwarding MSN in CO 15
 - parking 26
 - pickup, directed 18
 - rejecting 18
 - retrieving from park 27
 - retrieving held 27
 - transfer after announcement 29
- call charge assignment 33
- call signal 11
- call transfer 14
- call volume 11, 17
- call waiting
 - accepting 25
 - allowing 26
 - preventing 26
- call waiting (camp-on) 30
 - tone off 26
- call waiting on/off 26
- call waiting tone on/off 26
- caller ID
 - restoring display of
 - suppressing display of caller ID 34
- caller ID suppression 34
- calling a second party 13
- calls
 - distributing 49

- calls in queue 49
- CE mark 3
- change call number 40
- cleaning the telephone 59
- conference 14
- connection setup, automatic 22
- consultation hold key 13

D

- dialing
 - internal/external calls 12
- dialing internal calls 12
- dialing numbers
 - on-hook dialing 12
 - using redial 13
 - using speed-dialing 21
- direct inward system access (DISA) 42
- DISA 42
- distributing calls 49
- do not disturb 34
- door opener 20

E

- enhanced paging equipment 46
- entrance telephone 19
- executive/secretary functions 50
- explanation of symbols 9
- external code 12

F

- forwarding 14
 - multiple subscriber number (MSN) 15
- forwarding MSN in CO 15
- functions
 - activating/deactivating for another tele-
phone associated service 42
 - resetting 41

G

- group call 47

H

handsfree answerback 18
 HiPath 5000
 actuators 56
 group call 52
 hunt group 52
 night answer 54
 opening the door 57
 relays 56
 ringing group 55
 transferring call forwarding 53
 hotline 22
 hunt group 47

I

IP telephony 52

K

keys
 fixed 8

L

LAN telephony 52
 LEDs=light emitting diodes 8
 locking
 all phones 37
 locking all phones 37
 locking/unlocking the telephone 36

M

mailbox 22
 making calls
 with the dialing aid 24
 making external calls 12
 making trunk calls 12
 malfunctions 59
 message
 answering 39
 deleting/displaying 38
 receiving 39
 sending 38
 monitoring
 silent 35
 multiple subscriber number (MSN) 15

N

night answer 31
 notes 2

O

open door
 with a code 19
 open listening 11
 operating principle 10
 operating steps 9
 override 30, 35

P

parking a call 26
 personal identification number 37
 pickup (call) 18, 48
 PIN 37
 for a telephone 36
 preventing and allowing automatic camp-
 on 26
 programming your telephone 17, 34
 project calls 33

R

radio paging equipment PSE 45
 recall 29
 receiving volume 11, 17
 redialing a number 13
 relays 45
 relocate 40
 reserving a trunk 23
 resetting functions 41
 resetting services 41
 ring tone 17
 ring transfer
 in an executive/secretary team 51
 ring volume 17
 ringing group 48
 room monitor 35

S

saving a PIN 37
 secretary functions 50
 security 34

setting your telephone	17, 34
silent monitor	35
simple paging equipment	45
speaker call	22
special dial tone	22
speed-dialing	
dialing numbers	21
saving station speed-dialing	21
suffix-dialing	21
system	21
station number	
assigning	24
station speed-dialing	21
suffix-dialing	28
automatic	21
DTMF tone dialing	28
switches	45
system speed-dialing	21
system-wide cancellation	41

T

telephone	
cleaning	59
locking	36
locking another	37
locking/unlocking	36
locking/unlocking all phones	37
maintaining	59
operating	10
settings	17, 34
testing	51
using another like your own	39
telephone data service	44
telephone maintenance	59
telephone test	51
temporary phone using a	
temporary phone	39
testing the telephone	51
testing the telephone functions	51
text message	
answering	39
deleting/displaying	38
receiving	39
sending	38
three-party conference	14
time-dependent hotline	22
toggle	14

tone dialing	28
tone dialing (DTMF dialing)	28
trace call	36
transfer (call)	
after announcement	29
transfer call	14
trunk flash	29
trunk, reserving	23

U

UCD	49
using functions from the outside	42

V














































































variable call forwarding	14
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W




















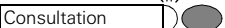






































work time	49
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Overview of Functions and Codes (Alphabetical)

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  * 5 9  Int.
	Group  * 5 7 
Adjust ring tone	(+ or -)  2 + - simultaneously
Adjust ring volume	(+ or -)  1 + - simultaneously
Answer call	
Assign station number (not for U.S.)	 * 4 1  MSN  Ext.
Associated dialing	 * 6 7  Int.   Stn No.
Associated service	 * 8 3  Int. 
Call charge assignment/account code	 * 6 0  ACCT  if appl.   Ext.
Call forwarding On	 * 1 1  Stn No. 
	 * 1 2  Stn No. 
	 * 1 3  Stn No. 
Call forwarding Off	  1 
Forward Line: On	 * 5 0 1  Trk No.  1  Stn No. 
	 * 5 0 1  Trk No.  2  Stn No. 
	 * 5 0 1  Trk No.  3  Stn No. 
Forward Line: Off	  5 0 1  Trk No. 
Call forwarding in carrier network on	 * 6 4 1  MSN  Ext. 
	 * 6 4 2  MSN  Ext. 
	 * 6 4 3  MSN  Ext. 
Call forwarding in carrier network off	  6 4 1  MSN 
	  6 4 2  MSN 
	  6 4 3  MSN 














































































































Overview of Functions and Codes (Alphabetical)

Functions	Operating Steps
Call waiting (camp-on)	  Int.  Stn busy, wait 5 seconds
Callback	 Store a callback 
	 Delete a callback     
	 Answering a callback (call)
Camp-on	  Accept a waiting call (camp-on)  Consultation   
	 Terminate second call, resume first call (1x or 2x)  Consultation
	 Prevent call waiting (automatic camp-on)      
	 Allow call waiting (automatic camp-on)     
	 Call waiting tone on     
	 Call waiting tone off    
Change call number	       own call No.  Code     
Change call volume	 (+ or -) + - simultaneously

Overview of Functions and Codes (Alphabetical)

Functions	Operating Steps	
Conference	Start	Stn No. <input type="text" value="Consultation"/> Stn No. <input type="text" value="Consultation"/>
	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"/> etc.
	Leave conference	
	End conference	<input type="text" value="Consultation"/>
	Remove ISDN central office party from the conference (only for U.S., not for HiPath 500)	<input type="text" value="Consultation"/>
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"/>
	Start three-party conference	<input type="text" value="Consultation"/>
	Connect parties	
Control relay	On (not for HiPath 500)	...
	Off (not for HiPath 500)	...
DND	On	
	Off	
Door opener	Conversation (entrance telephone)	or after 30 seconds Int.
	Open door	<input type="text" value="Consultation"/> Int.
	Door release on	Int. + Code (1 or 2)
	Door release off	Int.






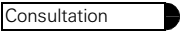










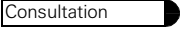


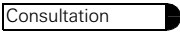




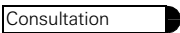





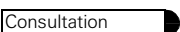



































Overview of Functions and Codes (Alphabetical)

Functions		Operating Steps
DTMF dialing/Tone dialing		 Consultation     
Ending a call		 or Release 
Group call	Leave	    or      or     Group 
	Join	     or       or      Group 
HF answerback		
Hotline		
Making calls		  Stn No. or  Stn No. 
Message	Send	     Int. ( ... ) 
	Delete (sent)	    
	Answering	    
Monitoring		      Int.
Mute	Off	 Mute 
	On	 Mute 
Night answer	On	     Int.  or      
	Off	   
Override		Stn busy Consultation     
Paging	Paging another person (not for U.S., not for HiPath 500)	     Int. 
	Answer page (simple / enhanced paging equipment)	     Int. or     Int.

Overview of Functions and Codes (Alphabetical)

Functions	Operating Steps
Park a call	Consultation * 5 6 (0...9)
Retrieve a parked call	5 6 (0...9)
Phone Changeover on (lock)	* 6 6 Code
Changeover off (unlock)	6 6 Code
Lock all phones	* 9 4 3 Int. *
Unlock all phones	* 9 4 3 Int.
Phone test	* 9 4 0
Picking up (retrieving) a held call	* 6 3 Line No.
Redial	Redial
Reject call	Release
Reset services	0
Ring transfer On	* 5 0 2 Line No.
Off	5 0 2 Line No.
Ringing group On	* 8 1 Int.
Off	8 1
Room monitor On	* 8 8
Off	
Monitoring a room	Int.
Saving a PIN	* 9 3 Old code 2x new code
Speaker call	* 8 0 Int.
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.

Overview of Functions and Codes (Alphabetical)

Functions	Operating Steps
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.
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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