# SIEMENS

## HiPath Cordless Office HiPath 3000 V3.0 or later

## Gigaset 4000 Micro Gigaset 4000 Comfort

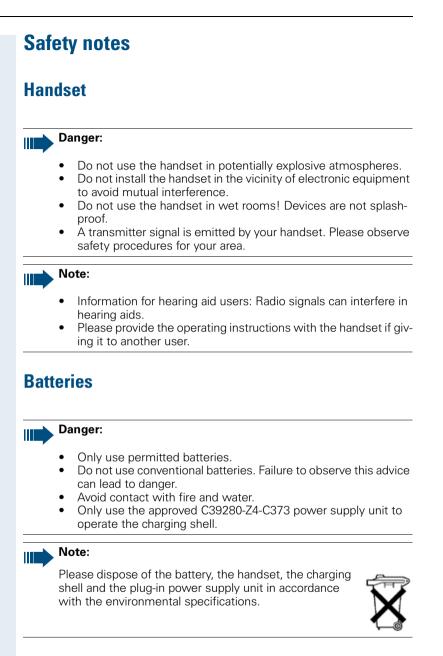
## **Operating Instructions**





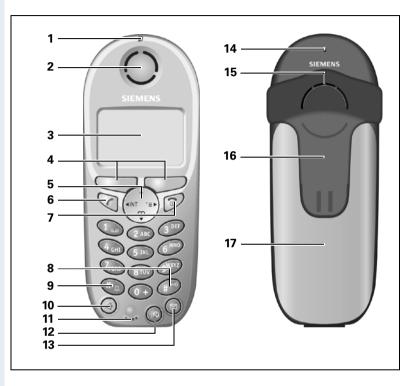
#### Warning!

Please read the safety notes before putting the device into service!



### **Overviews of handsets**

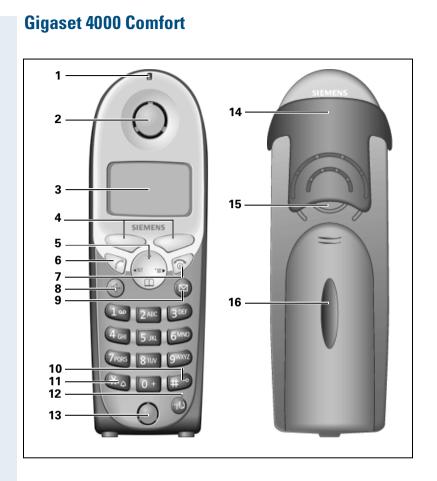
### **Gigaset 4000 Micro**



- 1 Status LED (front)
- 2 Receiver inset
- 3 Display
- 4 Display keys
- 5 Control key
- 6 Talk key
- 7 On-hook and on/off key
- 8 Hash key
- 9 Star key

How to use the keys:  $\rightarrow$  page 9

- 10 Speakerphone key
- 11 Microphone
- 12 NET/Callback key
- 13 Message list
- 14 Status LED (back)
- 15 Ringer loudspeaker
- 16 Attachment clip
- 17 Battery compartment lid



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### **Operating instructions**

These operating instructions describe your handset and its functions on your communications system.

All functions that can be performed via your handset are described here. If some of the required functions are not available on your handset, it may be due to one of the following:

- The function is not configured for you or your handset - please contact your system administrator.
- Your communications platform does not feature this function - please contact your Siemens contract partner to upgrade.

### Conducting calls – the basic functions

You can use your handset to make both internal and external calls.

Internal calls are calls that

- you make within the range of a communication system, e. g. within your company,
- you make between networked communication systems, e. g. to different company locations.

External calls are calls that you conduct with users of the public telephone network.

### Activating/deactivating the handset



Press the On-hook key until the activation or deactivation is confirmed by a crescendo tone sequence.

Note:

- The handset can only be fully switched off when removed from the charging shell.
- The handset is automatically set to on or message status if it is placed in the charging shell.

If your preferred language for the display texts is not set, you can set this yourself ( $\rightarrow$  page 15).

#### **Displaying the connection quality**

The strength of the incoming signal is displayed by the "receive field strength" icon in on or message status:

D <b>&gt;&gt;&gt;</b>	No receive field strength
<b>●</b> >>>	Low receive field strength
	50% receive field strength
	100% receive field strength

The radio range is different indoors and outdoors ( $\rightarrow$  page 87). Please consult your system administrator in the event of range problems.

### First seize the line, then dial

Press the Talk or Speakerphone key.

Enter the required phone number. The user will be called.

Typing errors cannot be corrected. If you make a typing error: press the On-hook key.

The user answers. Conduct the call.

### Dial first, then seize the line

if necessary

if necessary E

Enter the required phone no. and correct individual characters as necessary using the "Delete" Display key.

The following functions are available while you are entering the phone number:

- "Insert Pause" (Insert a dial pause, e.g. between the prefix and phone number or when checking a mailbox.)
- "Insert TBR" (irrelevant)
- "Copy to Directory" (save the phone number in the handset's redial list)

#### Note:

This dialling preparation function is also available with number redial and dialling using the handset redial list.





✓ or ④ Press the Talk key or Speakerphone key within 30 seconds. The user will be called.



The user answers. Conduct the call.

### Manual number redial

The last five phone numbers dialled are automatically saved in the redial list.



Call the redial list.

Press the top or bottom of the control key to select the required phone number.

Press the Talk key.

### Callback

This function enables you to call a user who does not answer or whose line is busy. The Callback function enables you to contact him as soon as he hangs up or reuses his telephone. Please note that a line is signalled as busy when it is being called by another user. You can continue to use your handset without restriction when a callback has been booked.

You can also send a callback request as a message  $(\rightarrow$  page 65). This function can also be called by entering the code ( $\rightarrow$  page 82).

#### **Booking a callback**



The number is dialled. You hear the busy tone or the user does not answer.



Save the callback request.



Press the On-hook key to end the process.

Step-by-Step	
	You receive a Callback call
	You will receive the callback, as soon as the user you want has hung up or the first time he uses his telephone. The following appears on your handset display "Callback:".
Q	Press the Talk key. The connection is set up.
	Note:
	Callbacks are repeated until a connection is es- tablished or until the callback is deleted. A hand- set can initiate up to five callbacks and can be the destination for up to five callback requests. If these conditions are met, any further call- backs are rejected.
	Deleting a callback request
$\overline{\mathbf{v}}$	Press the Talk key.
Menu	Call the system menu.
Service?	Select and confirm the menu item.
More features?	Select and confirm the menu item.
#58=View callbacks?	Select and confirm the menu item.
Mnu	Call the additional menu.
Delete?	Select and confirm the menu item.
6	Press the On-hook key to end the process.
	Enquiry
	You interrupt your call to conduct an enquiry with a user (including external users) and then resume the original call.
(	You are on a call.
Enquiry	Activate enquiry. The current call is placed "on-hold", so that the first user waits.
6	Enter the phone number for the enquiry call.

Step-by-Step	
C	The number is dialled. The user answers. The enquiry starts.
	The enquiry is ended and you return to the call "on- hold"
either:	
	The second user hangs up. You are reconnected to the first user.
or:	
Menu	Call the system menu.
Quit and return?	Select and confirm the menu item.
	You are reconnected to the first partner.
	<ul> <li>However, you can also</li> <li>toggle between the partners (→ page 50),</li> <li>set up a conference (→ page 51) or</li> <li>transfer the waiting partner to the second partner (→ page 48).</li> </ul>
	The second user is busy or does not answer
<u>_</u>	Cancel the callback. You are reconnected to the first partner.
	<ul> <li>During the enquiry you can</li> <li>book a callback (→ page 3),</li> <li>activate call waiting (→ page 45) or</li> <li>override(→ page 47).</li> </ul>
	Answering a call
	Your handset rings and/or vibrates ( $\rightarrow$ page 21). The caller information appears on the display. The name and/or telephone number of the caller can be displayed. The following options are available for answering a call:
	The handset is in the charging shell: remove the hand- set from the charging shell (functions only if "Auto An- swer" is active $\rightarrow$ page 21).
⊘ or	The handset is not in the charging shell. Press the Talk key or Speakerphone key.
	When you have answered the call you can

- e partners (ightarrow page 50),
- $e(\rightarrow page 51)$  or
- partner to the second partner

#### usy or does not answer

- page 3),
- $q (\rightarrow page 45)$  or
- 7).

### Ш

transfer the call ( $\rightarrow$  page 48),

Step-by-Step	
	<ul> <li>place the call on hold and consult with someone else in the room (→ page 50),</li> <li>place the call on hold and call a second partner (→ page 4) in order to forward (→ page 48) or toggle the call (→ page 50) or to set up a conference (→ page 51).</li> </ul>
	Rejecting a call
	If you do not wish to be disturbed, you can reject the call.
Reject call	Confirm the message displayed with one of the two Display keys. The call is rejected and the caller hears the busy tone.
	Placing a call in a call pickup group
	You can use your handset to pick up calls to telephones within your call pickup group (set by the service engi- neer). This is also possible when you are conducting a call.
	<b>Prerequisite:</b> You hear that a telephone in your call pickup group is ringing.
Ø	Press the Talk key. The message "Call for:" appears on the display.
Menu	Call the system menu.
Group Pickup? OK	Select and confirm the menu item.
ſ	Conduct the call.
	Ending a call
🔊 or 🖥	Press the On-hook key or place the handset in the charging shell.
	The call charges are displayed, depending on the com- munication system.

Step-by-Step	
	Call forwarding
	This function is for when you leave you and want certain calls to be forwarded cation. The forwarding destination for be any internal or external phone num tion number is usually an external phone cause you can be reached internally an of your handset.
	Activating call forwarding
$\bigotimes$	Press the Talk key.
Menu	Call the system menu.
Forwarding on? OK	Select and confirm the menu item.
either:	
I=all calls? OK	Select and confirm the menu item.
2=external calls only?	Select and confirm the menu item.
3=internal calls only?	Select and confirm the menu item.
continue:	
	Enter the destination phone number.
Save	Save the settings.
6	Press the On-hook key to end the pro-
	Note: The external code must be entremain phone numbers. If the service engineer has activy ou can also forward calls to the phone numbers.

### rding

for when you leave your desk for a while in calls to be forwarded to your new lowarding destination for internal calls can or external phone number. The destinausually an external phone number bebe reached internally anytime by means t.

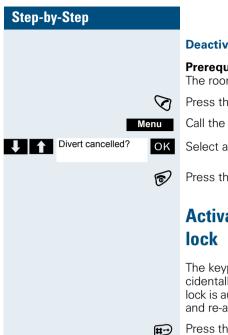
#### forwarding

7

ook key to end the process.

ernal code must be entered before exhone numbers.

ervice engineer has activated DTMF DID, also forward calls to these external numbers



**Deactivating call forwarding** 

#### Prerequisite:

The room monitor function is activated.

Press the Talk key.

Call the system menu.

Select and confirm the menu item.

Press the On-hook key to end the process.

# Activating or deactivating the keypad

The keypad lock prevents keys from being pressed accidentally, e. g. when carried in a pocket. The keypad lock is automatically deactivated when a call is received and re-activated when the call is over

Press the hash key until the activation or deactivation is confirmed by a crescendo tone sequence.

A key icon on the display indicates that keypad lock is active.

### Leaving the radio network

#### After leaving the radio network

The base name flashes on the display. The handset repeatedly attempts to synchronise with a base. The intervals between synchronisation attempts increase on account of the integrated power saving function.

You can switch off your handset to save the battery. The date and time settings will be lost ( $\rightarrow$  page 22).

### **Description of the keys**

### **Function keys**

The following function keys are available:

Кеу	Name	Use	
6	On-hook and on/off key	<ul> <li>End a call</li> <li>Cancel functions</li> <li>Jump back to the previous menu (only following )</li> <li>Activate or deactivate the handset</li> </ul>	
Ø	Talk key	<ul> <li>Answer a call</li> <li>Dial a phone number</li> <li>Switch from speakerphone mode to handset mode</li> <li>Access telephone system functions</li> </ul>	
	Speakerphone key	<ul> <li>Answer a call</li> <li>Dial a phone number</li> <li>Switch from handset to speakerphone mode</li> <li>Access telephone system functions</li> </ul>	
	Message list	Access message lists	
( <b>X</b> ¢)	Star key	Activate/deactivate the ringer	
<b>#</b> >	Hash key	Activate/deactivate keypad lock	
	NET/callback key	<ul> <li>Open the Net carrier list</li> <li>R-key function</li> <li>(→ page 10)</li> </ul>	

### **NET/Callback key**

The NET/Callback key provides access to the following functions depending on how it is operated:

Operation	Function
Press	Open the Net carrier list
Press and hold (min. 1 second)	<ul> <li>R-key function:</li> <li>Insert a pause (e. g. between the prefix and the phone number, or when checking a mailbox)</li> <li>End connection to a mailbox (e. g. when performing a callback, setting up a conference or transferring a call)</li> </ul>

### **Control key**

The control key is assigned different functions depending on the operating situation:

Control key	In idle status	In lists and menus	In an input field
		Next menu level up	Move the cursor up one line
	Open the mo- bile's telephone directory	Next menu level down	Move the cursor down one line
	Open the menu.	Select an entry (OK)	Move the cursor right
		Next menu level up, cancel	Move the cursor left

### **Display keys**

Each Display key can be allocated up to two functions. Display key programming depends on the operating status. A function can be represented by text or an icon.

lcon	Name	Use
Ě	Menu	Call the handset menu
E	Delete	Delete inputs from right to left
$\rightarrow \rightarrow$	Number redial	Open a list of the last five phone numbers called
$\square$	Message list	Open message list
5	Go Back	Go back to the next highest menu level, cancel
INT	Internal	Stop entering the phone number after the first digit
	Up/down	Scroll up or down to select menu items
ОК	ОК	Confirm the selected menu item
Phonebk	Telephone direc- toryCall the system telephone or ry:	
Enquiry	Consultation	Make a consultation
Toggle	Toggle Toggle between two partner	
2ndCall	2nd call Accept call waiting	
Callbck	Callback	Conduct a callback with a second partner
Change	Change	Change the configuration
Save	Save	Save entries
Dial	Dial	Dial the digits entered
Send	Send	Send information message
Menu	System menu Call the system menu	
Mnu	Additional menu	Call the additional menu

### Putting the handset into service

### **Removing the protective cover**



Remove the protective cover from the display before putting the handset into service.

### **Inserting the batteries**

One battery is provided with the Gigaset 4000 Micro, while two are provided with the Gigaset 4000 Comfort. The batteries are supplied uncharged. They are charged in the handset.



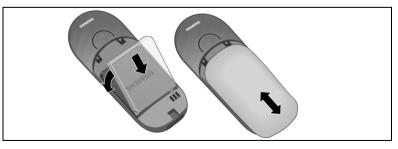
- Please observe the safety notes on the back cover.
- Only use approved batteries (→ page 14).
- Gigaset 4000 Comfort: Always replace both batteries at the same time and only use two batteries of the same type/ from the same manufacturer!
- Open the battery compartment in a dust-free environment only.
- Your telephone directory entries and all settings remain stored even if you remove the batteries. The date and time settings will be reset.

#### **Opening the battery compartment**

Press down on the ridged surface and slide the cover from the battery compartment.

#### **Inserting batteries**

Insert the correct battery/batteries.



#### **Closing the battery compartment**

Put the cover back in place and slide it onto the battery compartment until it engages.

### Charging and using the battery

To charge the battery, insert the handset into the charging shell with the keypad facing forwards.

#### Caution:

Only use the approved C39280-Z4-C373 power supply unit provided for operating the charging shell.

The charging status is indicated by the charge status display. This flashes during charging:

0000	Battery empty
	Battery 33% charged
	Battery 66% charged
0	Battery 100% charged



- Initial charging: Charge the battery for at least 16 hours, regardless of the charging status icon. Without replacing it in the charging shell, use the handset until the "battery low" beep is heard. This action aligns the charge status display with the battery operating times.
- To attain full operating and charging times ( $\rightarrow$  page 14): Without replacing it in the charging shell, use the handset until the "battery low" beep is heard.
- For future charging: you can place your handset in the charging shell each time it is used. Charging is electronically controlled which ensures that the battery is charged optimally.

### **Operating and charging times of the batteries**

The operating times are only achieved after several charging and discharging cycles.

Capacity (mAh)			Charging time (hours)
500	up to 15	over 15	approx. 5.5
700	up to 150	over 10	approx. 5.5
1200	up to 250	over 17	approx. 9
1600	up to 350	over 23	approx. 12

### **Permitted batteries**

The following batteries are approved for use with the handsets:

#### Gigaset 4000 Micro

#### Nickel Metal Hydrid (NiMH), 500 mAh

Order no. V30145-K1310-X125

Order no. V30145-K1310-X229

#### Gigaset 4000 Comfort

Nickel-Cadmium (NiCd)	Nickel Metal Hydrid (NiMH
Sanyo n-3U (700 mAh)	Saft VHAAH 1300 (1300 mAh)
Mobile Power 700 (700 mAh)	YDT 1200 (1200 mAh)
Panasonic p-60AA DT (600 mAh)	Panasonic HHR-110 AA (1100 mAh)
Emmerich 700 (700 mAh)	Sanyo HR-3U (1600 mAh)
	GP GP130 AA HC (1300 mAh)
	Emmerich 1300 (1300 mAh)

### Fitting the attachment clip

Press the attachment clip onto the back of the handset until the tabs on the sides engage in the recesses on the phone.

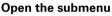


### Setting the handset display language

If your preferred language for display texts is not set as the default, then you can set this yourself.

#### Open the main menu

Open the main menu of the mobile phone.



Select and confirm the menu item

Select and confirm the menu item.

#### Open the submenu

Select and confirm the menu item.

Select and confirm the menu item.

either:			
OK	H/Set Settings		
or:		_	_
ОК	Einstellungen		
either:			
OK	Language		
or:		_	_
ОК	Sprache		

≥≡ or ♠

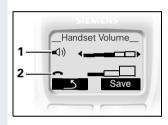
Step-by-Step		
		Select a language
Deutsch	ОК	Select and confirm the language you require.
		Note: For how to return the telephone to the default settings (-> page 23).
		Setting the system display language
		If you wish to change the language of the display texts, then you must also change the system language on the handset. A different language can be set for every hand set on the system.
	$\bigtriangledown$	Press the Talk key.
	Menü	Call the system menu.
Service?	ОК	Select and confirm the menu item.
More featur	es? OK	Select and confirm the menu item.
*48= Select lang	Uage?	Select and confirm the menu item.
11=German	<u> </u>	Select and confirm the language you require.
	6	Press the On-hook key to end the process.

### Setting the handset

You can change the standard settings of the handset if you are not happy with them.

### Handset volume

When selecting the menu, the tone sounds at the current setting in speakerphone mode. You can choose between five volume levels in handset mode and three volume levels in speakerphone mode.



- 1 Volume in speakerphone mode
- 2 Volume in handset mode



Open the main menu of the mobile phone.

Select and confirm the menu item.

Select and confirm the menu item.



Save

Fix the setting.

Move the cursor down one line.

Save the settings.

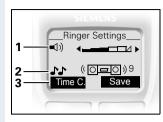
### **Ringer volume and melody**

#### Setting the ringer volume and melody

When selecting the menu, the ringer sounds at the current setting. You can choose between three ringer volumes, as well as a crescendo ring (volume increases gradually) and no ringer. The ten ringer melodies cannot be stored in the communication system.



Display when ringer is deactivated.



- 1 Ringer volume
- 2 Ringer melody
- 3 Time control activation function for the ringer volume



Open the main menu of the mobile phone.

Select and confirm the menu item.

Select and confirm the menu item.

Fix the setting.

Move the cursor down one line.

either:

Save

or:

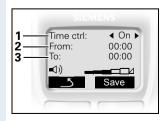
#### Setting the time control for the ringer

You can select a different ringer volume for a specific length of time in this menu (e.g. during the night).

#### Note:

Save the settings.

Please take account of the special features of the handset's internal clock ( $\rightarrow$  page 22).



- 1 Time control status
- 2 Start of the time frame
- 3 End of the time frame



Call the ringer time control menu.

Fix the setting.

Move the cursor down one line.



...

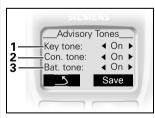
Save the time control settings.

Save the ringer settings.

### **Advisory tones**

The advisory tones have the following meaning:

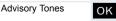
Advisory	Meaning	
Key tone	Every keystroke is confirmed	
Confirmation tones	<ul> <li>Confirmation tone (crescendo tone sequence) when saving inputs/settings and when placing the handset in the charging shell</li> <li>Error beep (decrescendo tone sequence) to signal incorrect inputs</li> <li>End-of-menu beep at the menu end</li> </ul>	
Battery tone	The battery must be charged	



- 1 Key tone status
- 2 Confirmation tone status
- 3 Battery tone status



Sound Settings



≥≣ or ♠

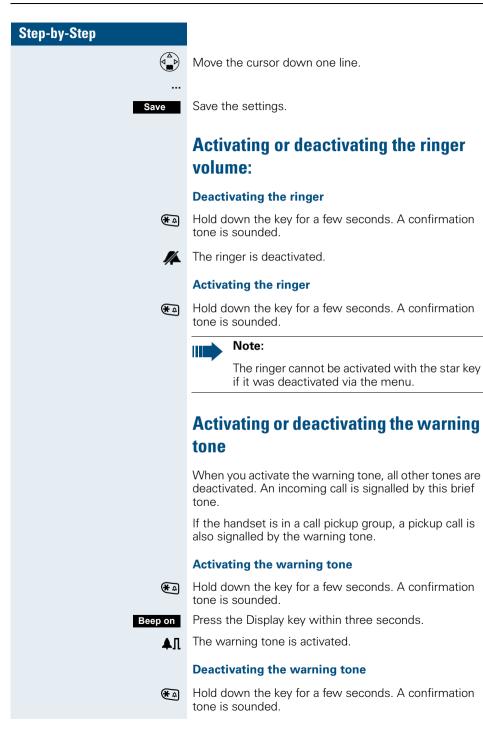
OK

Open the main menu of the mobile phone.

Select and confirm the menu item.

Select and confirm the menu item.

Fix the setting.





	Setting the date and time
	We recommend setting the date and time to ensure the correct time/date is recorded for all calls. You can choose between 12-hour display (am, pm) and 24-hour display.
	Note:
	Do not switch off the handset after you have made the settings, otherwise the date and time will be reset.
	Check the date and time and reset from time to time where applicable.
Ē	Open the menu.
Calendar/Clock	Select and confirm the menu item.
Date/Time OK	Select and confirm the menu item.
Ċ.	Enter the date, e. g. 22.09.2002 = 220902.
	Move the cursor down one line.
Č.	Enter the time, e. g. 19:05 = 1905.
	Move the cursor down one line.
( am ( )	Define the display mode (am, pm).
Save	Save the settings.

### **Resetting the defaults**

This function allows you to reset your mobile phone to the defaults, e.g. if you want to pass it on to someone else or reset it. The following table shows the handset's default settings:

Setting	Explanation/notes	Levels	Default state
Sound Set- tings	Ringer volume	5	5
	Ringer melody	10	1
	Веер	-	off
	Handset volume	3	1
	Loudspeaker	5	5
	Key tones, audible each time a key is pressed.	-	on
	Battery tone, audible approx. five minutes before the battery runs out.	-	on
	Confirmation tone, indicates wheth- er actions were successful or un- successful.	-	on
	Silent alert	-	off
Auto An- swer	Define whether the Talk key must be pressed to accept a call when the handset is removed from the charging shell.	-	on
Room Mon- itor Level	Volume at which the handset dials a phone number.	2	high
Language	Select different languages.	14	English or German
Default state	Resetting the defaults deletes the redial and direct call numbers and resets the sound settings. The reg- istration (logon) and the handset PIN are retained.	-	-

Step-by-Step
--------------

The handset features are handled as follows when resetting the defaults:

Feature	Action
Sound settings	are reset
Direct call number	is deleted
System registration	is retained
Telephone directory	is retained
Telephone Services menu	depends on the version
Redial list	is deleted

_	≧≣ or	
	H/Set Settings	OK
	Reset Handset	OK

Yes

Open the main menu of the mobile phone.

Select and confirm the menu item.

Select and confirm the menu item. A security check question appears.

Confirm the security check question The handset is returned to the default.

### **Conducting calls – enhanced** functions

### Speakerphone mode

#### Features

Speakerphone mode offers you the following advantages:

- Other persons can listen to and participate in the call.
- Your hands are free.
- When dialling, you can hear the ring tone, for example, without having to lift the handset to your ear.

Speakerphone mode can be used effectively up to a background noise level of 50 dB (A).

#### Activating speakerphone mode

Speakerphone mode can be activated during a call, when dialling or when answering a call:



#### Setting the volume

The volume can be set during a call:



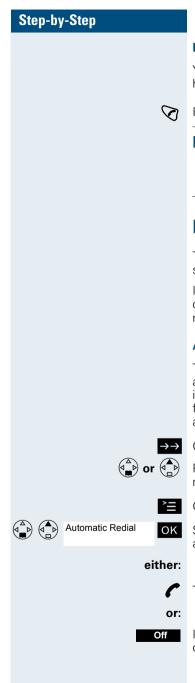
Press the Speakerphone key once more.

Within three seconds: Press the left or right side of the control key to reduce or increase the volume.

Within three seconds, as necessary: Save the volume set.



Save



#### Deactivating speakerphone mode

You can deactivate speakerphone mode and switch to handset mode during the call:

Press the Talk key.

Note:



If you wish to replace the handset in the charg-

ing shell during a call, e. g. because the battery is empty, hold down the Speakerphone key.

### **Number redial**

The last five phone numbers dialled are automatically saved in the redial list.

If you tried to call a party from the handset's telephone directory, the name of the party is displayed in case of number redial.

#### Automatic redial

The phone number is automatically redialled ten times at 20 second intervals. Speakerphone mode is automatically activated, the Speakerphone key flashes. The function is deactivated after ten unsuccessful attempts and when a call is made in the interim.

Call the redial list.

Press the top or bottom of the control key to select the required phone number.

Open the menu.

Select and confirm the menu item. Automatic redial is activated.

The user answers and you conduct the call.

If you wish to cancel the function: press the Display key or any key.

Step-by-Step	
	Deleting a phone number from the redial list
$\rightarrow \rightarrow$	Call the redial list.
(a) or (a)	Press the top or bottom of the control key to select the required phone number.
È	Open the menu.
Delete Entry	Select and confirm the menu item. The telephone number is deleted.
6	Press the On-hook key to end the process.
	Adding a telephone number to the redial list
$\rightarrow \rightarrow$	Call the redial list.
(a) or (b)	Press the top or bottom of the control key to select the required phone number.
È	Open the menu.
Copy to Directory	Select and confirm the menu item. The telephone number is deleted.
	Enter the name (max. 16 characters), change the phone number is necessary and enter the date.
È	Open the menu.
Save Entry OK	Save the entry.
	System speed dialling
	A system speed dialling destination is a call number you

A system speed dialling destination is a call number you dial using a code, e.g. the external phone number (0 28 21) 34 56 78 using code 243. System speed dialling - destinations are defined by the system administrator. Codes from 000 to 999 can be used.

This function can also be called by entering the code ( $\rightarrow$  page 82).



#### **Dialling a speed dialling destination**

Press the Talk key.

Call the system menu.

Select and confirm the menu item.

Select and confirm the menu item.

Enter the required code (3 digits, 000 - 999).



### Note:

The saved speed dialling destinations and the associated codes can be obtained from the organisational unit responsible for administering the communication system.

### Individual system speed dialling

You can save up to ten external phone numbers for your handset as speed dialling destinations. These speed dialling destinations are dialled using a 2-digit code (00 to 09). Please note that you may need to save an external code in front of the phone number.

This function can also be called by entering the code (→ page 82).

#### Setting up an individual speed dialling destination



থি

#### Press the Talk key.

Call the system menu.

Select and confirm the menu item.

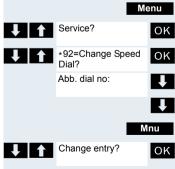
Select and confirm the menu item.

Call the first destination.

Call the next destination.

Call the additional menu.

Select and confirm the menu item.



Step-by	-Step		
		0	En Th as
	S	ave	Sa
		5	Pre
			Di
		$\bigtriangledown$	Pr
	M	enu	Ca
↓ ↑	Service?	OK	Se
↓ ↑	*7=Use speed dial- ing?	OK	Se
	Abb. dial no:		
	( <b>*</b>		Er
			S

Enter the external phone number (with external code). The key "#" means that the subsequent digits are sent as DTMF tones.

Save the settings.

Press the On-hook key to end the process.

### Dialling an individual speed dialling destination

Press the Talk key.

Call the system menu.

Select and confirm the menu item.

Select and confirm the menu item.

Enter the code for the speed dialling destination.

### System telephone directory

If the system administrator has entered a name for at least one internal user or system speed dialling destination, then you can use the system telephone directory for dialling purposes.

### Calling the system telephone directory



Press the Talk key.

Call the system telephone directory. The first entry appears.

#### Finding an entry



Enter the first letters of the name you are looking for. The name search begins.

The search result becomes more precise as each letter is entered, i.e. the number of names found is reduced. Only the first letter of a key can be entered.



Select the user you want.

Step-by-Step	
	Dialling the entry
ОК	Confirm your selection. The selected number is called.
	Quitting the redial list
<u>_</u>	Press the Display key.
	Note:
	Phone numbers dialled from the "System tele- phone directory" are not stored in the redial list.
	Handset directory/carrier list
	You can save a total of 200 entries in the redial list and carrier list for your handset.
	The saving of prefix numbers for carriers, telephone companies or other locations has no relevance in this communication system. Thus, the carrier list can be used as a second redial list, e.g. for private numbers.
	Operation of the telephone directory and NET carrier list is identical. The anniversary function is, however, not available in the carrier list. The external code must be entered before external phone numbers, e. g. "0".
	Save the entry.
(a) or (a)	Open the redial list or the net carrier list.
New Entry OK	Select and confirm the menu item.
<b>P1</b>	Enter a phone no.
	Jump to the name field and enter the name and, if re- quired, the anniversary.
E	Open the menu.
Save Entry OK	Save the entry.

### Step-by-Step A→ or → either: $\bigtriangledown$ Press the Talk key. The assigned phone number is dialled. or: >⊒ Open the menu. **Display Number** OK played. Press the Talk key. carrier list. (a) or (E) (a) or (a) Open the menu. Delete Entry ΟK number is deleted.

### Finding and dialling an entry

Open the redial list or the net carrier list.

You can scroll to the required entry or enter the first letter of the relevant entry. If necessary, press a key several times in succession to enter the required letter.



Select and confirm the menu item. The number is dis-

Complete or alter the telephone number.

## Delete the entry from the telephone directory/ net

Open the redial list or the net carrier list.

Select the required telephone number.

Select and confirm the menu item. The telephone

### Directed assignment of an MSN (multiple subscriber number)

Multiple subscriber numbers are phone numbers belonging to an ISDN multiple device line. They are used for the directed addressing of terminals, for example when a fax machine has a separate number. Before selecting an external connection, you can directly assign a configured multiple subscriber number. This then appears on the called party's display.

This function can also be called by entering the code  $(\rightarrow page 82).$ 

Step-by	/-Step	
		Ø
		Menu
↓ ↑	Service?	OK
↓ ↑	*41=Temporary MSN?	ОК
	MSN no.111	Ċ
	111:	Ċ

Press the Talk key.

Call the system menu.

Select and confirm the menu item.

Select and confirm the menu item.

Enter the required multiple subscriber number.

Enter the required external phone number. The phone number is dialled.

# Making calls using identification codes

In the case of calls you make to external partners, you can enter and charge the call costs on the basis of individuals, customers, accounts and private calls, e.g. by means of account codes. The account code (ACCT) can contain up to 11 characters and is included in the data printout. The ACCT is only transferred after a call has been completed. The ACCT can be entered before and during the external call.

This function can also be called by entering the code ( $\rightarrow$  page 82).

Press the Talk key.

Call the system menu.

Select and confirm the menu item.

Select and confirm the menu item.

Enter the required account code (optional).

Save the settings.

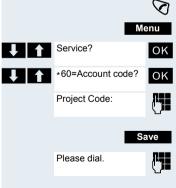
ouvo tho soungs.

Enter an external phone number. The phone number is dialled.

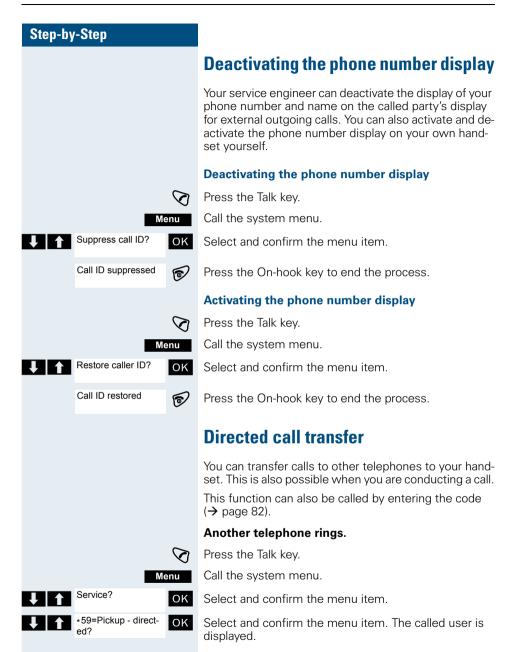


### Note:

If a call is transferred, the costs are still assigned to the ACCT entered.



Step-by	v-Step	
		Using the handset as a second line
		You can use your mobile phone for an outgoing call as if it were another line (temporary phone).
		This function can also be called by entering the code ( $\rightarrow$ page 82).
	$\bigtriangledown$	Press the Talk key.
	Menu	Call the system menu.
<b>↓</b> ↑	Service? OK	Select and confirm the menu item.
↓ ↑	*508=Temporary Phone?	Select and confirm the menu item.
	Home Extn. no.:	Enter the internal phone number for the relevant line.
	PIN no: <name></name>	Enter the code (lock code) for the relevant line $(\rightarrow$ page 79).
		If there is no personal code for the relevant line, the sys- tem will prompt you to enter the code.
	<name>:</name>	Enter the required phone number. The phone number is dialled.
		The "Temporary phone" function is discontinued again after the call is complete.





### **Call charge display**

After a call has ended, the display shows the connection charges for the current call as standard. If the costs are to be displayed continuously during an outgoing call, this function must be requested from the carrier.



Note:

If a call is transferred, the costs are assigned to the telephone to which the call was transferred from this point onwards.

You can check and display the call charges for your phone number as a total for a period that can be set by the service engineer.

First the call charges for the last charged call are displayed. The total call charges are displayed after five seconds.

This function can also be called by entering the code  $(\rightarrow page 82).$ 

Press the Talk key.

 $\nabla$ 

P

Call the system menu.

Select and confirm the menu item.

Select and confirm the menu item.

Press the On-hook key to end the process.

### **Call trace**

You can apply to your carrier for "call tracing" on malicious calls. An authorised extension is then in a position to request the identification of the phone number.

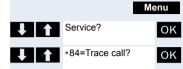
This also works for 30 seconds after the malicious caller has hung up. However, you should not hang up.

This function can also be called by entering the code  $(\rightarrow page 82).$ 

You receive a malicious call. Do not hang up.

Menu Service? OK \*65=Show call chargок

es?



Call the system menu.

Select and confirm the menu item.

Select and confirm the menu item. The caller is identified in the attendant console.

Press the On-hook key to end the process.

### **Entrance telephone**

If the service engineer has set up an entrance telephone, you can speak to the door intercom and activate the door opener from your handset.

If you are authorised to release a door, then a user can open the door by entering a 5-digit code (e.g. by means of a DTMF transmitter or installed keypads).

Some of the functions described below can also be called directly be entering the relevant code ( $\rightarrow$  page 82).

## Talking to a visitor by means of the door opener equipment

Your handset rings.

# either:

Press the Talk key within 30 seconds. You are connected immediately to the door opener.

#### or:



If more than 30 seconds have passed: Press the Talk key.



OK

Enter the internal phone number for the door opener. You are connected to the door opener.

## Using the handset to open the door opener during a call



Open door?

Select and confirm the menu item.

## Using the handset to open the door opener without holding a conversation



Press the Talk key.

Call the system menu.

Step-by-Step	
Service? OK	Select and confirm the menu item.
*61=Open door? OK	Select and confirm the menu item.
<b>G</b>	Enter the internal phone number for the door opener. The door is opened.
6	Press the On-hook key to end the process.
	Activating the door release
	This function only works if it has been configured by the service engineer.
Ø	Press the Talk key.
Menu	Call the system menu.
Service? OK	Select and confirm the menu item.
*89=Door release OK ON?	Select and confirm the menu item.
<b>H</b>	<ul> <li>Follow the user guidance system from this point onwards. Enter the internal phone number of the door opener, as well as the code and type of door release:</li> <li>1=Enable with call,</li> <li>2=Enable without call,</li> <li>3=Change password.</li> </ul>
ОК	Confirm your entries.
6	Press the On-hook key to end the process.
	Note:
	Standard code 00000. To change the code, con- firm option "3=Change Password". Follow the user guidance system.
	Deactivating the door release
Ø	Press the Talk key.
Menu	Call the system menu.
Service? OK	Select and confirm the menu item.
*89=Door release OK OFF?	Select and confirm the menu item.
6	Press the On-hook key to end the process.

# Step-by-Step $\nabla$ Menu Service? ΟK \*42=Tel. data οĸ service? TDS code: **H**----1 •

### **TDS telephone data service**

You can use your mobile phone to control connected computers and their programs, e. g. hotel services or information systems.

This function can also be called by entering the code ( $\rightarrow$  page 82).

Press the Talk key.

Call the system menu.

Select and confirm the menu item.

Select and confirm the menu item.

Press the "#" key and enter the required code (0... 9).

The connected computer responds. The computer will guide you through the data entry process. It will process your entries directly.

Press the On-hook key to end the process.

### **Activating control relays**

The service engineer can set up a maximum of 4 control relays that enable various equipment (e.g. door opener) to be activated and deactivated.

It is possible to access a specific control relay. Depending on the configuration, the control relays can be

- activated and deactivated automatically, or
- activated and deactivated automatically on the basis of a timer.

Prerequisite: The service engineer has set up at least one switch.

This function can also be called by entering the code ( $\rightarrow$  page 82).

### Activating a control relay



Press the Talk key.



Call the system menu.

Step-by	/-Sten		
	Service?	ОК	Select and confirm the menu item.
↓ ↑	∗90=Control Relay On?	OK	Select and confirm the menu item.
	UIT	<b>(</b> 71	Follow the user guidance system from this point on- wards. Enter the required switch code (1 4).
		6	Press the On-hook key to end the process.
			Deactivating a control relay
		$\bigtriangledown$	Press the Talk key.
	Ме	enu	Call the system menu.
	Service?	OK	Select and confirm the menu item.
	#90=Control Relay Off?	OK	Select and confirm the menu item.
	UII:	C.	Follow the user guidance system from this point on- wards. Enter the required switch code (1 4).
		6	Press the On-hook key to end the process.
			Sending a signal to the network
			To enable ISDN-type services/ features to be started via analog lines (e.g. call waiting when a line is busy, three- way conference calls, etc.), you must send a signal to the network before dialling the service code and/or phone number.
			This function can also be called directly by entering the code ( $\rightarrow$ page 82).
		(	You have an external connection.
	Me	enu	Call the system menu.
	Service?	OK	Select and confirm the menu item.
	∗51=Recall to Net- work?	OK	Select and confirm the menu item.
	WOIK?	C.	Enter the service code and/or the phone number.

# External call forwarding with a multiple subscriber number

If your communication system is connected to an ISDN multiple device line, then you can forward all incoming calls from the public network through your multiple subscriber number (MSN) to an external destination.

There are three types of forwarding:

- Calls are forwarded immediately (1=immediate call forwarding).
- Calls are forwarded after a certain time (2=unanswered calls).
- Calls are only forwarded when the line is busy (3=when busy).

### Activating call forwarding to a "trunk"

Press the Talk key.

ি

OK

OK

either:

OK

or:

OK

or:

OK

Menu

н ок

Service?

Trunk FWD on?

1=immediate?

2=on no answer?

3=on busy?

Call the system menu.

Select and confirm the menu item.

Select and confirm the menu item.

Enter and confirm your own multiple subscriber number.

Select and confirm the menu item.

Select and confirm the menu item.

Select and confirm the menu item.



Save

continue:

Enter the phone number of the destination (without external code).

Save the settings.

Step-by	/-Step	
		Deactivating call forwarding to a "trunk"
	$\bigtriangledown$	Press the Talk key.
	Menu	Call the system menu.
↓ ↑	Service? OK	Select and confirm the menu item.
↓ ↑	Forward by Network OFF?	Select and confirm the menu item.
	C.	Follow the user guidance system from this point on- wards (enter a multiple subscriber number or DID and forwarding type).
	ОК	Confirm your entries.
	6	Press the On-hook key to end the process.
		Using night service
		In night service mode, for example during lunch breaks or after office hours, all external calls are forwarded to a particular internal telephone (night station) The night station can be defined by the service engineer (= stand- ard night service) or by you (= temporary night service). When night service is active, the night station assumes the function of the intercept station.
		Activating night service
	Ø	Press the Talk key.
	Menu	Call the system menu.
↓ ↑	Night answer on? OK	Select and confirm the menu item.
	either:	
<b>↓</b> 1	*=default? OK	Select and confirm the menu item. "Standard night service" is configured.
	or:	
	<b></b>	Enter an internal phone number.
	Save	Save the settings. "Temporary night service" is configured.
	6	Press the On-hook key to end the process.



P

**Deactivating night service** 

Press the Talk key.

Call the system menu.

Select and confirm the menu item.

Press the On-hook key to end the process.

### Using dual-tone multifrequency signalling

Your handset operates on the basis of digital information transmission. However, certain applications, e.g. answering machines, can only be controlled using analog technology. For this you must send signals using the dual-tone multifrequency signalling (DTMF) process.

Depending on how your system is configured (automatic tone dialling on or off - to be configured by the service engineer) you must first switch to DTMF dialling. This means, for example, that you can communicate with a variety of voice storage systems.

You will find further details in the operating instructions for the relevant applications.

### Automatic tone dialling is not active

During a connection you must first switch to dual-tone multifrequency signalling.



You are on a call.

Call the system menu.

Select and confirm the menu item.

Select and confirm the menu item.

Enter the numbers. All entries are sent as DTMF signals

### Automatic tone dialling is active



Enter the numbers. All entries are sent as DTMF signals.





OK

Menu



0, 1, 0,	
Step-by-Step	
	Parking/activating calls
	You can park up to ten calls (i.e. place them on hold) and then reactivate them at other telephones in your com- munication system.
	Parking a call
C	You are on a call you wish to park.
Menu	Call the system menu.
Service? OK	Select and confirm the menu item.
*56=Park a call? OK	Select and confirm the menu item.
Ċ.	Enter and note the parking position number (0 9). If the parking position number entered is already in use, you must enter another one.
	Picking up a specific parked call
	<b>Prerequisite:</b> One or more calls have been parked. Your handset is in standby status.
Ø	Press the Talk key.
Menu	Call the system menu.
Service? OK	Select and confirm the menu item.
#56=Retrieve call? OK	Select and confirm the menu item.
( <b>*)</b>	Enter the parking position number you have noted.
	Note:
	If a parked call is not picked up, it returns to the station from which it was parked after a certain time (= recall). The following appears on the display "Recalling: (phone no. or name)" or "Recalling from (phone no. or name)".

# Conducting calls – with multiple users

### **Call waiting**

You need to speak to a user in your communication system urgently, even though his line is busy. You can send a call waiting signal during his call to let him know you want to talk to him. The user either answers immediately or you will be automatically connected to him when he has finished his call.

This function is only available if it has been configured by the service engineer.

#### The user is busy. You want to use call waiting.

Wait until the message "Camp-on" appears on the display (ringing tone).

#### You receive a call waiting signal (second call)

You are still available to other callers, even though you are on the telephone. The call waiting signal informs you of the second call while you are conducting a call. You can answer this call without ending the first call.



You are on a call and hear a call waiting signal.

If you want to answer the second call, you can either place the first call on hold (the first caller waits) or end the first call.

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

#### 2ndCall

Answer the second call.

Talk to the second caller. The first caller waits. His call is on hold. You can now

- toggle between the two callers (→ page 50) or
- set up a conference ( $\rightarrow$  page 51).

Step-by-Step	
	Ending the second call
either:	
Menu	Call the system menu.
Quit and return? OK	Select and confirm the menu item.
or:	
6	Press the On-hook key. The following message appears on the display: "Recalling". Your handset rings.
$\bigotimes$	Press the Talk key to talk to the first caller again.
	Ending the first call.
6	Press the On-hook key. The first call is ended. Your handset rings.
Ø	Press the Talk key and answer the second call.
	Call waiting tone off/on
	You can suppress the call waiting tone for external calls.
	You can suppress the call waiting tone for external calls. Deactivating the call waiting tone
Ø	
<ul> <li>⊘</li> <li>Menu</li> </ul>	Deactivating the call waiting tone
	Deactivating the call waiting tone Press the Talk key.
Menu	<b>Deactivating the call waiting tone</b> Press the Talk key. Call the system menu.
Menu Waiting tone off? OK	<b>Deactivating the call waiting tone</b> Press the Talk key. Call the system menu. Select and confirm the menu item.
Menu Waiting tone off? OK	Deactivating the call waiting tone Press the Talk key. Call the system menu. Select and confirm the menu item. Press the On-hook key to end the process.
Menu Waiting tone off? OK	Deactivating the call waiting tone Press the Talk key. Call the system menu. Select and confirm the menu item. Press the On-hook key to end the process. Activating the call waiting tone
Menu Waiting tone off? OK	Deactivating the call waiting tone Press the Talk key. Call the system menu. Select and confirm the menu item. Press the On-hook key to end the process. Activating the call waiting tone Press the Talk key.
Menu Waiting tone off? OK	<ul> <li>Deactivating the call waiting tone</li> <li>Press the Talk key.</li> <li>Call the system menu.</li> <li>Select and confirm the menu item.</li> <li>Press the On-hook key to end the process.</li> <li>Activating the call waiting tone</li> <li>Press the Talk key.</li> <li>Call the system menu.</li> </ul>
Menu Waiting tone off? OK © Wenu Waiting tone on? OK	<ul> <li>Deactivating the call waiting tone</li> <li>Press the Talk key.</li> <li>Call the system menu.</li> <li>Select and confirm the menu item.</li> <li>Press the On-hook key to end the process.</li> <li>Activating the call waiting tone</li> <li>Press the Talk key.</li> <li>Call the system menu.</li> <li>Select and confirm the menu item.</li> </ul>
Menu Waiting tone off? OK © Wenu Waiting tone on? OK	<ul> <li>Deactivating the call waiting tone</li> <li>Press the Talk key.</li> <li>Call the system menu.</li> <li>Select and confirm the menu item.</li> <li>Press the On-hook key to end the process.</li> <li>Activating the call waiting tone</li> <li>Press the Talk key.</li> <li>Call the system menu.</li> <li>Select and confirm the menu item.</li> </ul>

Step-by	-Step				
					Disab waitin
					You can of for a sec
					Disablin
			Me	<ul><li>✓</li><li>✓</li></ul>	Press the call the s
↓ ↑	Service?			OK	Select ar
<b>↓</b> ↑	Call wait.	term.	off?	OK	Select ar
				•	Press the
					Enabling
				$\bigtriangledown$	Press the
			Me	enu	Call the s
↓ ↑	Service?			OK	Select ar
↓ ↑	Call wait.	term.	on?	OK	Select ar
				6	Press the
					Overri
					You need though h you to in
					This fund input and neer.
				(	The user
		<b>*</b>	<b>6</b> <sup>MNO</sup>	2 <sup>ABC</sup>	Call the t
	Override	-			Enter the

### ling/enabling automatic call ng

disable/ enable automatic call waiting signalling cond call during a telephone conversation.

### ng the call waiting tone

e Talk kev.

system menu.

nd confirm the menu item.

nd confirm the menu item.

e On-hook key to end the process.

### g the call waiting tone

e Talk key.

system menu.

nd confirm the menu item.

nd confirm the menu item.

e On-hook key to end the process.

### ide

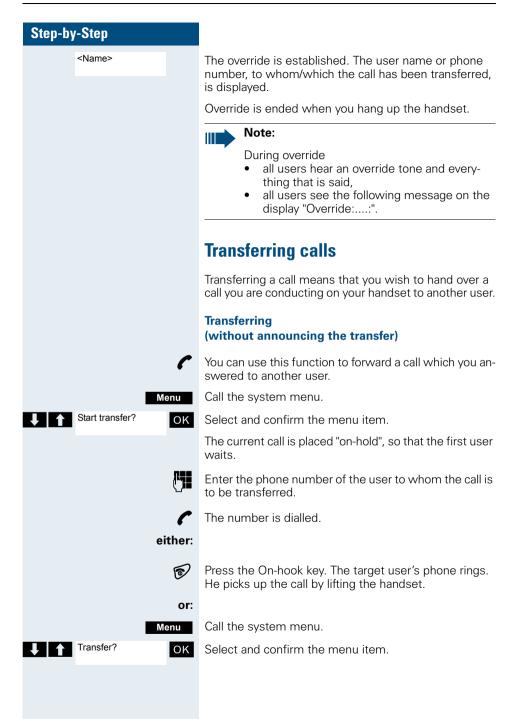
d to speak to an internal user urgently, even his line is busy. The "Override" function allows nterrupt the ongoing call to pass on a message.

ction is only available when the code has been d if it has been configured by the service engi-

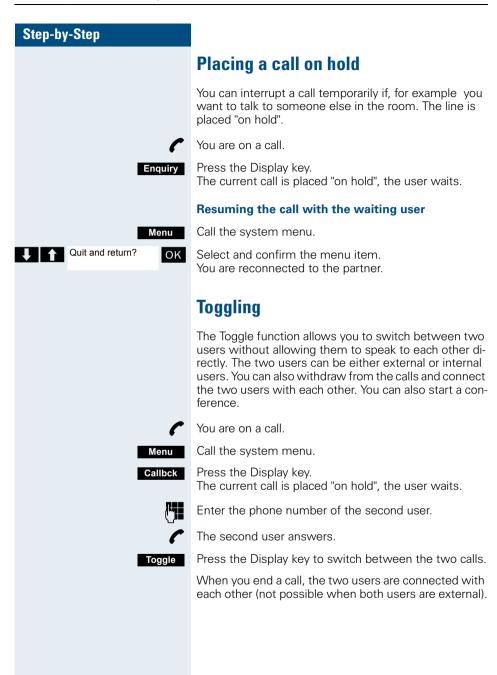
r is busy.

function.

e phone number of the busy user.



Step-by-Step	
	<ul> <li>You receive a recall</li> <li>immediately if you have made a mistake,</li> <li>45 seconds after the transfer if the required user does not answer.</li> </ul>
	If you do not answer recalls, another telephone defined by the service engineer is called (intercept station).
	Transferring with announcement of call transfer)
٢	You can use this function to forward a call which you an- swered to another user.
Menu	Call the system menu.
Start transfer? OK	Select and confirm the menu item.
	The current call is placed "on-hold", so that the first user waits.
C.	Enter the phone number of the user to whom the call is to be transferred.
ſ	The number is dialled. The user answers. You announce the call presently on hold.
either:	
1	Press the On-hook key. The user answers the call.
Or: Menu	Call the system menu.
Transfer? OK	Select and confirm the menu item.





You can connect up to 5 internal or external partners with each other in a telephone conference. You can include up to 4 external users in the conference.

For information purposes, you will hear a warning tone every 30 seconds during a conference call (can be disabled - ask your service engineer).

#### Setting up a conference

You decide to set up a conference while talking to a user.

You are on a call and wish to start a conference.

Call the system menu.

Select and confirm the menu item.

Enter the phone number of the new user.

The user is free and answers the phone. You announce the conference.

Call the system menu.

Select and confirm the menu item.

You and your two partners are connected in a conference call.

#### Forming a conference

A conference has not yet been set up. However, you are already connected to two users and are toggling between them. You now want to form a conference involving all partners.

You are talking to one user.

Call the system menu.

Conference? OK

Menu

Menu

OK

**~**7

C

Menu

OK

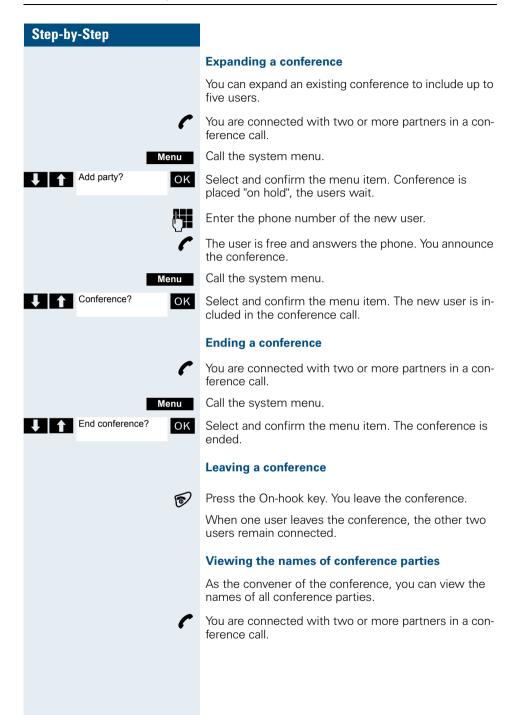
Start conference?

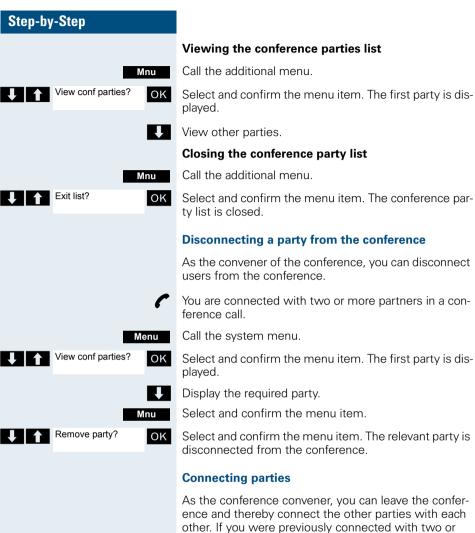
Conference?

Select and confirm the menu item.

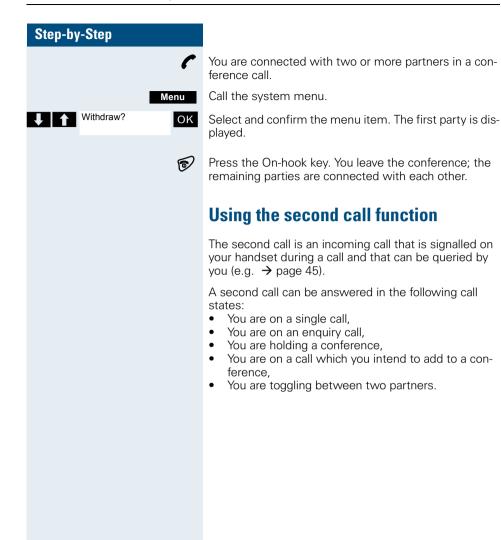
You and your two partners are connected in a conference call.

51





more parties, the other parties remain in a conference. Otherwise, the remaining two users conduct a one-toone call.



### **Group functions**

### Activating/deactivating group calls

If this has been configured by the service engineer, you belong to one or more groups of users who can be reached by means of a hunt group or group call phone number

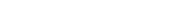
Calls are signalled on all telephones in the group either in succession (=hunt group) or simultaneously (=group call), until a member of the group answers the call.

Every user in the group can also remain available under his own phone number.

#### You belong to a hunt group or group call group

Press the Talk key.

Call the system menu.



Select and confirm the menu item. The group call is deactivated



2

ок

Menu either:



Leave hunt group?

Select and confirm the menu item. The group call is activated



continue:

Press the On-hook key to end the process.

#### You are a member of several groups

#### Activating/deactivating individual groups



Press the Talk key.





Call the system menu.



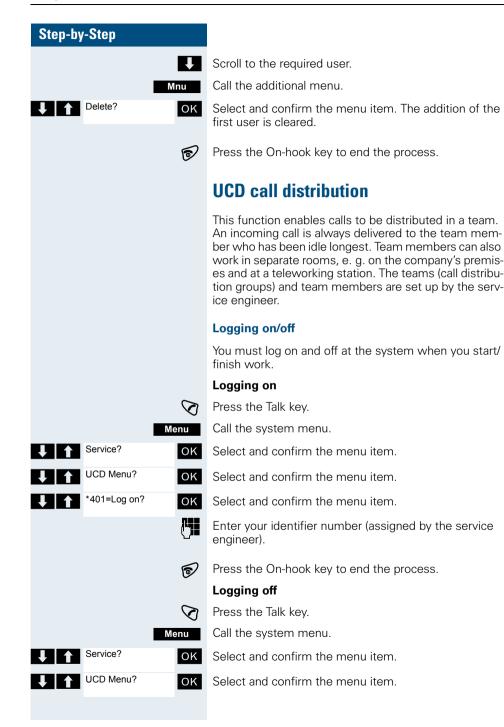
Leave hunt group? OK Select and confirm the menu item.

### **Group functions**

Step-by-Step		
Step-ny-Step		
	or:	
Join hunt group?	ОК	Select and confirm the menu item.
cont	tinue:	
Group 1 Group 2	Mnu	Select the required group and call the additional menu
	ither:	
Leave hunt group?	ОК	Select and confirm the menu item.
	or:	
Join hunt group?	ОК	Select and confirm the menu item.
cont	tinue:	
	5	Press the On-hook key to end the process.
	$\sim$	Activating/deactivating all groups
	Ø	Press the Talk key.
	lenu	Call the system menu.
	ither:	
Leave hunt group?	ОК	Select and confirm the menu item.
	or:	
Join hunt group?	ОК	Select and confirm the menu item.
cont	tinue:	
Group 1 Group 2		The list of groups is displayed.
	<b>#-</b> )	Press the hash key. The group call for all groups is act
		vated.
	or:	
	₩4	Press the star key. The group call for all groups is dea tivated.
cont	tinue:	
	~	
	6	Press the On-hook key to end the process.

Ctore la	. 640.0	
Step-by	y-step	
		Ringing group on
		You can have calls to your handset signalled acoustically on up to five other telephones. The call is received by the person who answers the call first.
		Adding users to a group
		First user
	$\bigtriangledown$	Press the Talk key.
	Menu	Call the system menu.
<b>↓</b> ↑	Service? OK	Select and confirm the menu item.
ł	*81=Ringing group OK	Select and confirm the menu item.
	·	Call the additional menu.
	Mnu	
	Add ext to group?	Confirm.
		Enter the required internal phone number.
	Save	Save the settings.
		Other users:
	Mnu	Call the additional menu.
<b>↓ ↑</b>	Add another ext? OK	Select and confirm the menu item.
	(° <b>7</b>	Enter the required internal phone number.
	Save	Save the settings.
	6	Press the On-hook key to end the process.
		Deleting users
	Ø	Press the Talk key.
	Menu	Call the system menu.
↓ ↑	Service? OK	Select and confirm the menu item.
↓ ↑	*81=Ringing group OK on?	Select and confirm the menu item.
	Mnu	Call the additional menu.
↓ ↑	Display/Clear?	Select and confirm the menu item. The first user added is displayed.

#### 57



Step-by	y-Step	
↓ ↑	#401=Log off? OK	Select and confirm the menu item.
	6	Press the On-hook key to end the process.
		Logging on/off temporarily
		You can log on or off at the system temporarily, e.g. during break times.
		Logging on
	$\bigtriangledown$	Press the Talk key.
	Menu	Call the system menu.
<b>↓</b> 1	Service? OK	Select and confirm the menu item.
<b>↓</b> 1	UCD Menu? OK	Select and confirm the menu item.
<b>↓</b> 1	*402=Log on? OK	Select and confirm the menu item.
	6	Press the On-hook key to end the process.
		Logging off
	$\bigtriangledown$	Press the Talk key.
	Menu	Call the system menu.
↓ ↑	Service? OK	Select and confirm the menu item.
<b>↓</b> 1	UCD Menu? OK	Select and confirm the menu item.
↓ ↑	#402=Not available? OK	Select and confirm the menu item.
	6	Press the On-hook key to end the process.
		Wrap-up time
		If you need more time than the actual call lasts, you ca request/activate a wrap-up time for the last call. This

If you need more time than the actual call lasts, you can request/activate a wrap-up time for the last call. This can be a fixed length of time or, alternatively, you must deactivate the wrap-up time yourself (log back on).

### **Requesting time**



Menu

ΟK

Press the Talk key.

Call the system menu.



ice?

Select and confirm the menu item.

#### **Group functions**

Step-by	y-Step		
1	UCD Menu?	OK	Select and confirm the menu item.
<b>↓</b> 1	*403=Work on?	ОК	Select and confirm the menu item.
		6	Press the On-hook key to end the process.
			Logging back on
		$\bigtriangledown$	Press the Talk key.
	Mer	nu	Call the system menu.
↓ ↑	Service?	ОК	Select and confirm the menu item.
↓ ↑	UCD Menu?	ОК	Select and confirm the menu item.
<b>↓ ↑</b>	#403=Work off?	ОК	Select and confirm the menu item.
		5	Press the On-hook key to end the process.

#### UCD night service

UCD night service is a separate night service for call distribution. It is not affected by the system night service.

All incoming calls are forwarded to a special call distribution destination.

#### Nigh destination on

Press the Talk key.

Call the system menu.

Select and confirm the menu item.

Select and confirm the menu item.

Select and confirm the menu item.

Press the On-hook key to end the process.

### Night destination off

Press the Talk key.

Call the system menu.

Select and confirm the menu item.



Step-by	-Step		
↓ ↑	UCD Menu?	ОК	S
↓ ↑	#404=UCD night off?	OK	S
		5	F
			C
			Y
		$\bigtriangledown$	F
	Me	enu	C
↓ ↑	Service?	OK	S
↓ ↑	UCD Menu?	OK	S
↓ ↑	*405=Calls in queue?	ОК	S
		6	F

Select and confirm the menu item.

Select and confirm the menu item.

Press the On-hook key to end the process.

#### Checking the number of waiting calls

You can check the number of waiting calls for the group.

Press the Talk key.

Call the system menu.

Select and confirm the menu item.

Select and confirm the menu item

Select and confirm the menu item

Press the On-hook key to end the process.

### Mulap group (Multiple Line Application)

If your handset's line belongs to a Mulap group (Multiple Line Application), then you can

- answer calls for the group (press the Talk key in group calls)
- make external telephone calls under the group phone number (the group phone number is stored in the called party's caller list, for example )
- activate and deactivate the group call function for your handset's line
- forward the lines of the Mulap group to internal or external destinations

### Activating/deactivating group calls

Press the Talk key.

Call the system menu.



ervice?	ОК

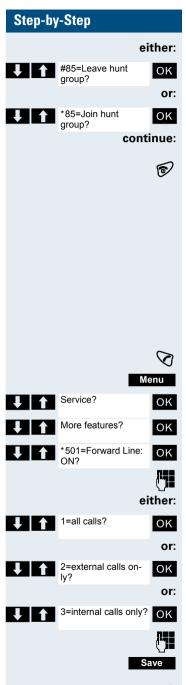
More features?

Menu

OK

Select and confirm the menu item. Select and confirm the menu item.

#### **Group functions**



Select and confirm the menu item.

Select and confirm the menu item.

Press the On-hook key to end the process.

### Forwarding a Mulap line

You can immediately forward internal and/or external calls to your lines to different internal or external telephones (destinations) (external destinations are also possible if the system is configured accordingly).

If you activate call forwarding for a line, this shall apply to all line keys of your group for this line.

#### Forwarding on



Call the system menu.

Select and confirm the menu item.

Select and confirm the menu item.

Select and confirm the menu item.

Enter a line number.

Select and confirm the menu item.

Select and confirm the menu item.

Select and confirm the menu item.

Enter the destination number.

Save the settings.

ษ

Press the On-hook key to end the process.

		$\bigtriangledown$
	Me	enu
↓ ↑	Service?	ОК
↓ ↑	More features:	OK
↓ 1	#501=Forward Line: Off?	ОК
		r.



6

### Forwarding off

Press the Talk key.

Call the system menu.

Select and confirm the menu item.

Select and confirm the menu item.

Select and confirm the menu item.

Enter a line number.

Press the On-hook key to end the process.

### **Message functions**

The message functions enable you to react to voice mail/ call back services of the communication system or of other users or to initiate information features yourself.

### Leaving a message/advisory message

A number of advisory messages are stored in your communication system that can be automatically sent to the caller when an internal call is not answered (in the case of handsets and telephones with display). These advisory messages can be selected and supplemented in part by you:

- 0 = Will return at:
- 1 = On vacation until:
- 2 = I am out until:
- 3 = Out all day
- 4 = Out to lunch
- 5 = Not available
- 6 = Home phone:
- 7 = Contact:
- 8 = Avail at:
- 9 = Am in room:

These advisory messages are standard texts and may have been changed in your communication system.

#### Activating an advisory message

Press the Talk key.

Call the system menu.

Select and confirm the menu item.

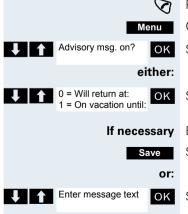
Select the required advisory message.

Expand the message as necessary.

Save the settings.

. . .

Select and confirm the menu item.



Step-by-Step		
C	Enter the required advisory message. Typing errors cannot be corrected.	
	Note:	
	For example if you want to enter the third char- acter on a key: press the relevant key three times in succession.	
Save	Save the message.	
continue		
6	Press the On-hook key to end the process.	
	Deactivating an advisory message	
$\bigotimes$	Press the Talk key.	
Menu	Call the system menu.	
Absence Text OFF? OK	Select and confirm the menu item.	
6	Press the On-hook key to end the process.	
	Sending/calling text messages	
	Messages can be sent internally to other handsets or telephones with display. These text messages can be selected and supplemented in part by you:	
	<ul> <li>0 = Please callback</li> <li>1 = Someone is waiting</li> <li>2 = Appointment</li> <li>3 = Urgent call</li> <li>4 = Do not disturb</li> <li>5 = FAX waiting</li> <li>6 = Dictation please</li> <li>7 = Please make copies</li> <li>8 = Please make coffee</li> <li>9 = Ready to depart</li> </ul>	

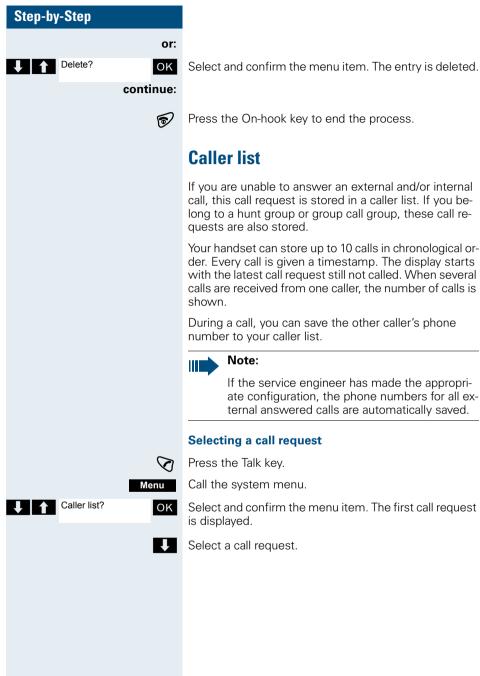
9 = Ready to depart

These text messages are standard texts and may have been changed in your communication system.

Step-by	/-Step		
		Send a text message	
	Ø	Press the Talk key.	
	Menu	Call the system menu.	
I I	Send Message? OK	Select and confirm the menu item.	
	Message to:	Enter the phone number for the required internal user.	
↓ î	Please callback Someone is waiting or:	Select the required advisory message.	
<b>↓</b> ↑	Enter message text OK	Select and confirm the menu item.	
	<b>₽</b> ∎	Enter the required text message. Typing errors cannot be corrected.	
		For example if you want to enter the third cha acter on a key: press the relevant key three tim in succession.	
	continue: Send	e: Press the Display key.	
	6		
		Opening an incoming text message	
		When your handset receives a text message, an advisory tone sounds and an advisory text is displayed. The "Message List" icon is displayed. The date and time of incoming text messages are based on the handset's internal clock. This should be adjusted if necessary ( $\rightarrow$ page 22).	
		Press the "message list" key.	
	Msg. from: Mnu	Call the additional menu.	
↓ ↑	Text? OK	Select and confirm the menu item. The text message is displayed.	
	6	Press the On-hook key to end the process.	

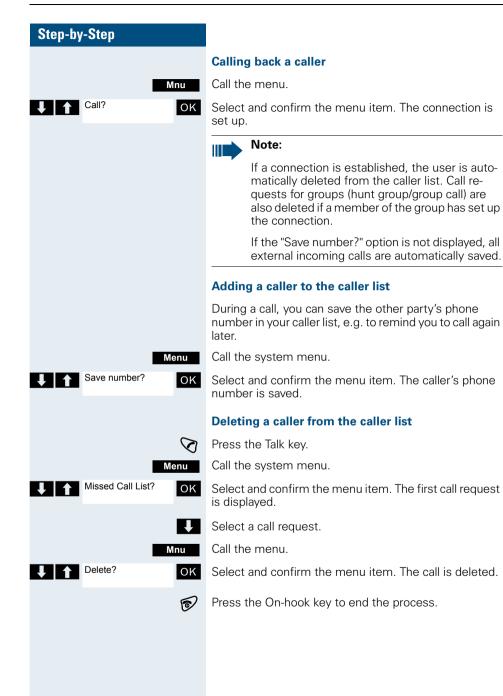
Step-by-Step	
	Answering a message or voice-mail message
You have new mes- sages received ☑	An advisory message appears when you have received a message or voice mail.
	Viewing a new message
either:	
${\bf \boxtimes}$	Press the message key.
or:	
Ø	Press the Talk key.
Messages received	
Menu	Call the system menu.
Display Messages? OK	Select and confirm the menu item.
ОК	Select the required message and confirm your selec- tion.
continue:	
Msg. from: Mnu	Call the additional menu.
↓ ↑ Text? OK	Select and confirm the menu item.
Mnu	Call the additional menu.
Time/date sent?	Select and confirm the menu item. The time of the
either:	message is displayed.
Mnu	Call the additional menu.
Call Sender? OK	Select and confirm the menu item. You call back the
	sender.
or: Delete? OK	Select and confirm the menu item. The entry is deleted.
continue:	
6	Press the On-hook key to end the process.

Step-by	-Step		
			Check for a new voice-mail message
	eit	her:	
			Press the message key.
		or:	
		Ø	Press the Talk key.
	Messages received		
	Me		Call the system menu.
	Display Messages?	OK	Select and display menu item.
			Follow the user guidance system from this point on- wards.
		6	Press the On-hook key to end the process.
			Calling an old message
			Old messages that have not been deleted cannot be displayed using the message key (). To call these messages, proceed as follows:
		$\bigtriangledown$	Press the Talk key.
	Messages received		
	Me	nu	Call the system menu.
↓ ↑	Display Messages?	OK	Select and confirm the menu item.
	U	ОК	Select the required message and confirm your selection.
	Msg. from: Mr	ıu	Select the required message and call the additional menu.
↓ ↑	Text?	OK	Select and confirm menu item.
<b>↓</b> ↑	<text></text>	Mnu	Call the additional menu.
	Time/date sent?	ОК	Select and confirm the menu item. The time of the message is displayed.
ł	at:	Mnu	Call the additional menu.
	eit	her:	
<b>↓</b> ↑	Call Sender?	ОК	Select and confirm the menu item. The sender is called back.



Select and confirm the menu item. The entry is deleted.

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#### Step-by-Step

## Additional functions

## Handset alarm clock function

When the alarm clock is activated, it rings every day at the set time. The alarm clock is deactivated during automatic number redial and when the room monitor function is active



Please note the following:

- First set the date and time. This sets the internal clock of the handset.
- Do not switch off the handset after you have made the settings, otherwise the date and time will be reset. The alarm clock would otherwise relate to an incorrect time setting.
- Check the date and time and reset from time • to time where applicable.

#### Activating the alarm clock

The handset is in idle status

Open the menu.

Select and confirm the menu item.

Select and confirm the menu item.



Fix the setting.

Move the cursor down one line.

Enter the time, e. g. 19:05 = 1905.



Move the cursor down one line.

Setting the alarm signal melody.



The alarm clock is activated. 3





Alarm Clock







Save

OK



## Handset appointment reminder function

You can arrange for your handset to remind you of an appointment. Only one appointment can be set. The handset must be in idle status at the time of the appointment reminder. The appointment reminder function is deactivated during automatic number redial and when the room monitor function is active.

#### Note:

Please note the following:

- First set the date and time. This sets the internal clock of the handset.
- Do not switch off the handset after you have made the settings, otherwise the date and time will be reset. The appointment reminder function would otherwise be based on an incorrect time setting.
- Check the date and time and reset from time to time where applicable.



#### Activating the appointment reminder function

The handset is in idle status.

- Open the menu.
- Select and confirm the menu item.
- Select and confirm the menu item.
- Fix the setting.

Move the cursor down one line.

Enter the date, e. g. 11 November = 1111.

Move the cursor down one line.

Enter the time, e. g. 19:05 = 1905.

Move the cursor down one line.

Set the melody.

Save the settings.

The appointment reminder function is activated.

#### Confirming an appointment reminder call

An appointment reminder call is signalled in the same way as an incoming call.

Press any key during the appointment reminder call.

If you do not confirm the appointment reminder call, it will be stored in a missed dates list.

#### Deactivating the appointment reminder function

The handset is in idle status.

Open the menu.



Select and confirm the menu item.

Fix the setting.

Save setting.

Step-by-Step		
	Displaying an unconfirmed appointment	
	If you have failed to confirm an appointment reminder call, a Display key is assigned the "Missed Appoint." function. This unconfirmed appointment must also be saved in a missed dates list.	
Missed Appoint.	Display an appointment.	
ок	Open an appointment. The date and time of the uncon- firmed appointment are displayed.	
Displaying an unconfirmed appointment and un confirmed anniversaries		
	Any appointment reminder calls and anniversary calls you fail to confirm are stored in a missed dates list.	
Ē	Open the menu.	
Calendar/Clock OK	Select and confirm the menu item.	
Missed Dates	Select and confirm the menu item.	
	Select the unconfirmed appointment or an unconfirmed anniversary. The relevant information is displayed.	
	System appointment function	
	You can use your handset to enter a single appointment for the next 24 hours or an appointment that recurs on a daily basis.	
	When the appointment is due, your handset rings for approx. 20 seconds to remind you of your appointment. The entered appointment appears on the display. This appointment call is deleted when you confirm it. Alter- natively it is deleted automatically after it has been re-	

This function can also be called by entering the code ( $\rightarrow$  page 82).

peated 5 times at one minute intervals.

Step-by-	-Step	
		Entering an appointment
	$\bigotimes$	Press the Talk key.
	Menu	Call the system menu.
↓ ↑	Service? OK	Select and confirm the menu item.
	*46=Timed reminder OK on?	Select and confirm the menu item.
	Remind at (HHMM):	Enter the required time. Note the required data format: Appointment at (HH-MM); HH = two-digit hour setting mm = minutes, two digits For example: 0905 for $9.05 (= 9.05 \text{ a.m.})$ or 1430 for 14.30 (= 2.30 p.m).
	either:	
1 1	One time only?	Select a menu item.
	OK	Select and confirm the menu item.
	continue:	
	Save	Save the settings.
	6	Press the On-hook key to end the process.
		Deleting/ checking entered appointments
	Ø	Press the Talk key.
	Menu	Call the system menu.
↓ ↑	Service? OK	Select and confirm the menu item.
	#46=Timed reminder OK off?	Select and confirm the menu item.
	Reminder at Mnu	Call the additional menu.
	either:	
↓ ↑	Delete? OK	Select and confirm the menu item.
↓ î	End? OK	Select and confirm the menu item.
	1	Press the On-hook key to end the process.

Step-by-Step		
	Confirming an appointment	
	The handset rings and the appointment is displayed. Press the Talk key.	
Ø		
6	Press the On-hook key. The appointment is confirmed.	
	Setting the room monitor	
This function enables a room to be monitored cally from another location. The handset shou least 1 or 2 metres from the expected source sound. The handset dials a phone number you soon as the volume in this room reaches a spec The called party can hear the sound in the more room when the call is answered.		
	Note:	
	Please ensure that the number saved is not an external barred phone number and that an answering machine is not activated for the call number saved.	
	A call received at a handset at which the room monitor function is activated is only signalled on the display. The ringer does not sound and the display and the keypad do not light up.	
	The handset operating time is significantly reduced when the room monitor function is activated.	
≧≣ or ♠	Open the main menu of the mobile phone.	
Family/Fun OK	Select and confirm the menu item.	
Room Monitor	Select and confirm the menu item.	
	Fix the setting.	
	Move the cursor down one line.	
Change	Open the input field for phone numbers.	
if necessary	Enter the required phone no. and correct individual char- acters as necessary using the "Delete" Display key.	
Ē	Open the menu.	

#### Step-by-Step



Save



ΟK

Select and confirm the menu item.

Move the cursor down one line.

Set the sensitivity level.

Save the settings. If the room monitor function is activated

The "Off" key is used to deactivate the room monitor function

## Walkie-talkie mode

This function allows you to operate handsets outside the radio network

Handsets cannot be used for calls in walkie-talkie mode. The range between the handsets involved is max. 300 m. The handset operating time is significantly reduced in this mode.

One of the following prerequisites must be met in order to operate handsets in walkie-talkie mode:

The handsets used must be registered at the same base and have selected this base.

or:

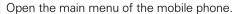
The handsets used must have set "Best Base".

#### or:

The handsets used are not registered.

If one of these prerequisites is met, then all handsets that are within the handset's range and that have activated walkie-talkie mode are called.

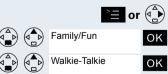
#### Activating walkie-talkie mode





Select and confirm the menu item.

Select and confirm the menu item. If the walkie-talkie mode is activated.



Step-by-Step			
Steh-nh-Steh	Departivating walking talking mode		
	Deactivating walkie-talkie mode		
OFF	The "Off" key is used to deactivate walkie-talkie mode.		
	Making and answering calls		
	Calling handset		
Call	Send the call.		
	Called handset		
	The call is signalled by a ringing tone and a message on the display.		
Silent	Deactivate the ringing tone. The call is signalled by a message on the display.		
$\bigtriangledown$ or $$	Press the Talk key or Speakerphone key.		
	The two handsets are connected to each other.		
	Note:		
	<ul> <li>The call lasts for just 20 seconds and must be answered.</li> <li>Although all handsets are called, a call can only be conducted between two of them.</li> </ul>		
6	Press the On-hook key to end the call.		
	Selecting a base		
	If your handset is registered at multiple bases, then you can set a specific base or the base with the best reception as the base to be used. The handset then switches automatically to this base.		
≥≡ or ♠	Open the main menu of the mobile phone.		
H/Set Settings	Select and confirm the menu item.		

ΟK

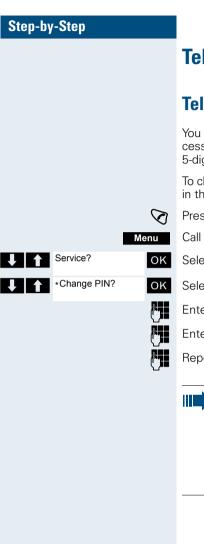
ΟK

Select and confirm the menu item.

Select the required base and confirm. The selected base is ticked.

Select Base

Base 1 Best Base



## **Telephone blocking**

## **Telephone lock code programming**

You can protect your handset against unauthorised access (thereby safeguarding personal data) by entering a 5-digit code to lock and unlock it.

To change a code, first enter the old code and then key in the new code twice.

Press the Talk key.

Call the system menu.

Select and confirm the menu item.

Select and confirm the menu item.

Enter the old PIN (5 digits, default "00000").

Enter the new PIN, e.g. 11111 (5 digits).

Repeat the new PIN.



#### Note:

If you have forgotten your PIN, contact your service engineer for help. He will be able to reset your PIN to "00000".

It is also possible to open your mobile phone from a central station, e.g. from the attendant terminal.

Step-by-Step	
	Locking/unlocking the handset
	You can lock your handset to prevent external dialling and programming, thereby preventing unauthorised use in your absence, for example.
	Prerequisite: You have defined a personal code or use the default code "00000".
	Locking the handset
Ø	Press the Talk key.
Menu	Call the system menu.
Changeover on?	Select and confirm the menu item.
( <sup>1</sup> )	Enter the PIN code (5 digits, default "00000").
6	Press the On-hook key to end the process.
	Note:
	Even though it is locked, you can still use your handset to answer external calls and make inter nal calls. When an external connection is estab lished, the following message appears on the display "Telephone Lock Active".
	Your handset can also be locked from a central station ( $\rightarrow$ page 79).
	Unlocking the handset
Ø	Press the Talk key.
Menu	Call the system menu.
Changeover off? OK	Select and confirm the menu item.
( <b>* 1</b>	Enter the PIN code (5 digits, default "00000").
 10	Press the On-hook key to end the process.

## Step-by-Step ি Menu Service? OK More features? OK \*943=Telephone ΟK Lock? **R1** either: (**X** 🎝 or: (**#**-∞)

## Central telephone lock/locking/unlocking other handsets

If you have the appropriate authorisation, you can lock and unlock other handsets to prevent unauthorised use.

If the user has locked his handset and has forgotten the individual password he has set, you can unlock the phone again using this function.

Press the Talk key.

Call the system menu.

Select and confirm the menu item.

Select and confirm the menu item.

Select and confirm the menu item.

Enter a user's phone number.

Lock the handset. The following appears on the display: "Telephone locked".

Unlock the handset. The following appears on the display: "Telephone unlocked".

Step-by	y-Step		
			Sy
			The dire
			Ca
		$\bigtriangledown$	Pres
	Me	enu	Call
	ei	ther:	
↓ ↑	Suppress call ID?	OK	Sele
		or:	
↓ ↑	Service?	OK	Sele
↓ ↑	*41=Temporary MNS?	OK	Sele
		or:	
↓ ↑	Service?	OK	Sele
↓ ↑	More functions?	OK	Sele
↓ ↑	#58=View callbacks?	OK	Sele
	cont	inue:	

## System functions

The system functions can be called up via the menu of directly by entering codes.

## Calling functions via the menu

Press the Talk key.

Call the system menu.

Select and confirm the function.

Select and confirm the menu item.

Select and confirm the function.

Select and confirm the menu item.

Select and confirm the menu item.

Select and confirm the function.



Press the On-hook key to end the process.

## **Calling functions via codes**

Press the Talk key.

either:

or:



Enter code according to table ( $\rightarrow$  page 83).



Enter code according to table ( $\rightarrow$  page 83).

continue:



Press the On-hook key to end the process.

## **Functions and codes**

Automatic call wait.term.on	(★♪ 490
Automatic call wait.trm.off	<b>♯</b> -⊃ 490
Waiting tone off	€ 97
Waiting tone on	<b>♯</b> -⊃ 87
Call waiting	€ 1 55
Caller list	
- Call	<b>♯</b> -⊃ 82
- Save phone number	<b>★</b> ♪ 82
Advisory msg. on	€ 1 69
Advisory msg. off	<b>♯</b> ⊸) 69
DND on	<b>*</b> 97
DND off	<b>♯</b> -⊸ 97
UCD:	
- Log on	<b>★</b> ♪ 401
- Log off	<b>♯</b> -∞) 401
- Work on	<b>*</b> 403
- Work off	<b>♯</b> -⊃ 403
- Available	<b>★</b> ♪ 402
- Not available	<b>♯</b> -⊃ 402
- UCD night on	€ 404
- UCD night off	<b>#</b> → 404
- No. of calls	<b>★</b> ♪ 405
Override (authorised telephone only)	€ 62
Call trace	<b>*</b> a 84
Messages	
- Send	€ 68
- View sent message	<b>♯</b> -⊃ 68

#### System functions

Functions	Codes
Conference:	
- On	<b>(★</b> ⊕ 3
- Off	<b>≡</b> > 3
Call Charge Display	<b>★</b> ♪ 65
Use speed dialing	<b>★</b> ♪ 7
Change Speed Dial	<b>★</b> ♪ 92
Toggle	<b>★</b> ♪ 2
Tone dialling	<b>★</b> ♪ 53
Night Service ON	<b>★</b> ♪ 44
Night Service OFF	<b>♯</b> -∞) 44
Park	
- Park call	<b>★</b> ① 56
- Retrieve call	<b>♯</b> ⊸ 56
Account code	<b>★</b> ♪ 60
Callback	<b>★</b> ♪ 58
View callbacks	<b>#</b> > 58
Suppress phone number	<b>★</b> ♪ 86
Temporary phone number (MSN)	<b>★</b> ♪ 41
Restore phone number	₩> 86
Ringing group on	<b>★</b> ♪ 81
Hunt group on	<b>★</b> ♪ 85
Hunt group off	<b>#</b> > 85
Control Relay On	<b>★</b> ♪ 90
Control Relay Off	₩-> 90
Change PIN	(★ ♪) 93
Recall to Network (flash)	<b>★</b> ♪ 51
Changeover on	<b>★</b> ♪ 66
Changeover off	<b>#</b> → 66
Tel. data service	<b>★</b> ♪ 42

Functions	Codes
Timed reminder on	<b>★</b> □ 46
Timed reminder off	<b>#</b> -> 46
Door release ON	<b>(*</b> 🎝 89
Door release OFF	<b>#</b> -> 89
Door opener	<b>(★</b> ⊕ 61
Pickup group	<b>*</b> A 57
Pickup, directed	<b>(★</b> ⊕ 59
Forwarding on	<b>★</b> ♪ 1
Forwarding off	<b>Ⅲ</b> > 1
Trunk FWD on	<b>(★</b> ) 64
Trunk FWD off	<b>♯</b> ⊸) 64
Telephone Lock	<b>(★</b> ⊕ 943
Return to held call	( <b>★</b> ⊥) 0

## Appendix

## Troubleshooting

Some malfunctions can be resolved without outside intervention. The following table provides a list of such malfunctions.

Error	Possible cause	Remedy
No display.	Handset not switched on.	Press the On-hook key until confirmation is re- ceived.
	Battery is empty.	Charge or replace the battery.
No reaction to key- stroke.	Keypad lock activated.	Press the hash key until confirmation is re-ceived.
De-crescendo tone se- quence during input.	An incorrect entry was made.	Repeat key sequence while watching the dis- play; where applicable, consult the operating instructions.
The line "Base n" flash- es (n= 1 - 4).	The handset is outside the base radio range; Radio signals too weak.	Come closer to the base radio range, change your position.
	Handset not regis- tered.	Register the handset.
	Intervals between syn- chronisation attempts are too long.	Switch off the handset and switch it back on again.
No ringer on the hand- set.	Ringer is deactivated.	Activate ringer.
Nothing audible during a call.	The left side of the con- trol key was pressed – the microphone and the receiver inset are muted.	Press the "Go Back" Display key to re-acti- vate the microphone and the receiver inset.
The following appears immediately after the Talk key is pressed:	Communication sys- tem is being used by other users.	Repeat call later.
<b>Connect.</b> No dial tone available; No calls can be made.		

Error	Possible cause	Remedy
The following, for ex- ample, appears:	Handset is blocked.	Remove the battery from the handset and
Base 1 Outgoing and incoming calls and activation/de- activation are not possi- ble.		then re-insert it (→ page 12).

### **Cleaning the handset**

To clean the handset and the charging shell, simply wipe them with a damp or antistatic cloth; Never use a dry cloth.

Do not use abrasive cleaning agents!

### **Technical data**

#### **Communication system**

Standards	DECT in accordance with ETSI TBR 6/10/22	
Number of channels	120 duplex channels	
Radio frequency range	1.88 GHz to 1.90 GHz	
Duplex operation	Time duplex with a 10 ms frame length each	
Channel configuration	1728 kHz	
Bit rate	1152 kbit/s	
Modulation	GFSK	
Voice encoding	32 kbit/s (ADPCM)	
Range	Outdoors approx. 300 m Indoors approx. 50 m	

#### Handsets

EU guidelines



89/336/EC "Electromagnetic Compatibility" 73/23/EC "Electrical apparatus for use within

specific voltage parameters"

Maximum noise level according to TBR10, Annex D

Operating times with fully charged battery

118 dB (A)

→ page 14

Permitted environmen- tal conditions for operation	+5 °C to +45 °C 20% to 75% relative humidity	
Gigaset 4000 Micro		
Weight incl. battery	approx. 100 g	
Dimensions (L x W x H)	approx. 112.5 x 45.1 x 24.7 mm	
Gigaset 4000 Comfort		
Weight incl. batteries	approx. 185 g	
Dimensions	approx 155 x 53 6 x 36 2 mm	

Dimensions  $(L \times W \times H)$ 

approx. 155 x 53.6 x 36.2 mm

## **Accessories**

#### Charging shell

The charging shell is used for charging the battery and storing the handset safelv.

#### Power supply unit

The power supply unit is used to power the charging shell. Only use the permitted C39280-Z4-C373 power supply unit.

## **Declaration of conformity**

Your handset is supplied for use within a specific country, which is displayed on the underside of the device. Country-specific features must be observed

The device complies with the basic requirements of the R&TTE Directive and therefore displays the CE symbol.

#### **Extract from original declaration**

"We. Siemens AG, declare, that the above mentioned product is manufactured according to our Full Quality Assurance System certified by CETE-COM ICT Services GmbH with the registration number "Q810820M" in compliance with ANNEX V of the R&TTE-Directive 99/05/EC. The presumption of conformity with the essential requirements regarding Council Directive 99/05/EC is ensured."

Senior Approvals Manager

The Declaration of Conformity (DoC) has been signed. In case of need, a copy of the original DoC can be made available via the company hotline.

# 

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Enter the following telephone numbers when passing on the device.

In the event of malfunction:

For sales queries:



This device has been manufactured in accordance with our certified environmental management system (ISO 14001). This process minimises energy consumption, the use of primary raw materials and waste production.

## 

#### 1P A31003-G1531-C101-1-7619

These operating instructions are also available on the Internet at www.hipath.com under "Download."

The information in this document contains only general descriptions and features that may not always apply as described in specific cases or that may change as a result of the further development of the products.

The required features are only binding if they are expressly agreed when the contract is signed.