



HiPath 3000 V4.5 or later

Gigaset S2 professional
in HiPath Cordless Office

Operating Manual

SIEMENS

Global network of innovation

Safety notes

Handset

 **Danger:**

- Do not use the handset in potentially explosive atmospheres!
- Do not install the handset in the vicinity of electronic equipment to avoid mutual interference!
- Do not use the handset in wet rooms! Devices are not splash-proof.
- A transmitter signal is emitted by your handset. Please observe safety procedures for your area!

 **Note:**

The ringing tone, signal tones and handsfree talking (speakerphone mode) are played over the loudspeaker. Do not hold the telephone to your ear when it is ringing or if speakerphone mode is switched on. Otherwise you may seriously impair your hearing.

 **Note:**

- Information for hearing aid users: Radio signals can interfere in hearing aids.
- Please provide the operating instructions with the handset if giving it to another user!

Batteries

 **Danger:**

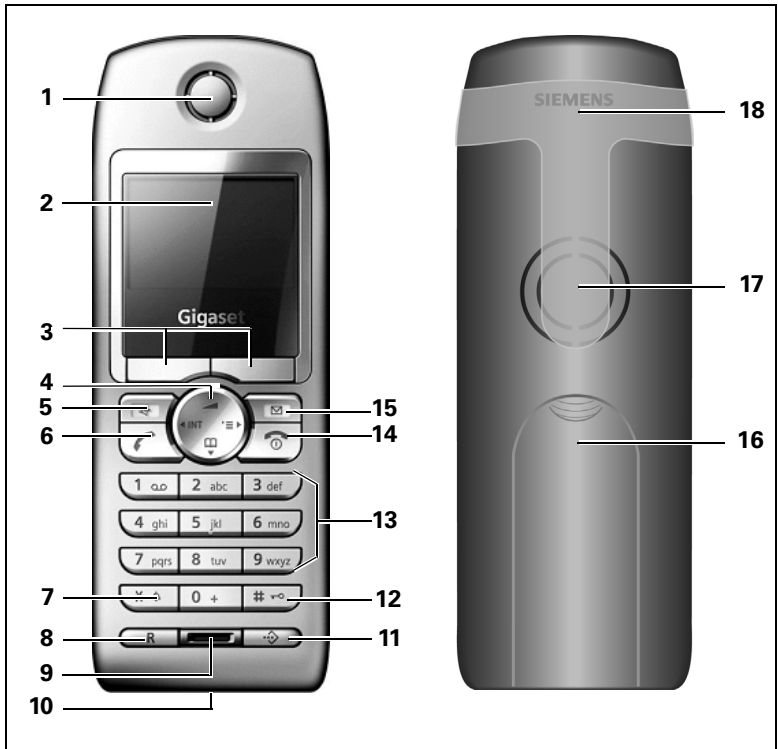
- Only use permitted batteries!
- Do not use conventional batteries! Failure to observe this advice can lead to danger.
- Avoid contact with fire and water!
- Only use the approved C39280-Z4-C373 power supply unit to operate the charging shell!

 **Note:**

Please dispose of the battery, the handset, the charging shell and the plug-in power supply unit in accordance with the environmental specifications!

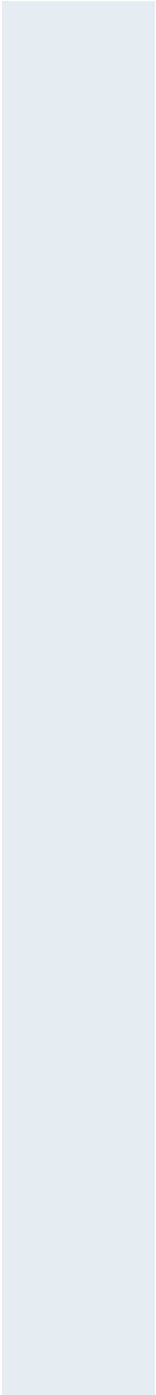


Overview of handset



- | | |
|--------------------|------------------------------------|
| 1 Receiver inset | 10 Jack for headset/PC interface |
| 2 Display | 11 Call-by-call key |
| 3 Display keys | 12 Hash key |
| 4 Control key | 13 Number keys |
| 5 Speakerphone key | 14 On-hook and On/Off key |
| 6 Talk key | 15 Message key |
| 7 Star key | 16 Battery compartment cover |
| 8 R key | 17 Ringer/speakerphone loudspeaker |
| 9 Microphone | 18 Attachment clip |

How to use the keys: → page 11



Contents

Overview of handset I

Operating instructions 1

Conducting calls – the basic functions 1

Activating/deactivating the handset	2
First seize the line, then dial	3
Dial first, then seize the line	3
Dialling an emergency number	4
Manual number redial	4
Callback	5
Enquiry	6
Answering or rejecting a call	7
Picking up a call in a call pickup group	8
Ending a call	8
Forwarding calls	8
Activating or deactivating the keypad lock	10
Leaving the radio network	10

Description of controls 11

Function keys	11
R key	12
Control key	12
Display keys	13
Menu icons in the main menu	14

Putting the handset into service 15

Removing the protective cover	15
Inserting the batteries	15
Charging and using the batteries	16
Operating and charging times of the batteries	16
Permitted batteries	17
Fitting the attachment clip	17
Setting the handset display language	18
Setting the system display language	19

Setting the handset20

Setting the speaker volume. 20
Setting the ringer. 21
Advisory tones. 22
Using Sound Manager to set the ringer 23
Activating or deactivating the ringer 24
Activating or deactivating the warning tone 25
Changing the emergency number. 26
Activating/deactivating automatic call answering 26
Setting the date and time 27
Display settings. 28
Resetting the defaults. 31

Conducting calls – enhanced functions33

Speakerphone mode 33
Voice dialling 34
Number redial 36
System speed dialling 37
System speed dialling, individual. 39
System telephone directory 40
Telephone database (LDAP) 41
The handset’s phonebook/call-by-call list 43
E-mail directory 49
Directed assignment of an MSN (multiple subscriber number) 51
Making calls using identification codes 51
Using the handset as a second line. 52
Deactivating the phone number display 53
Directed call transfer 53
Activating/deactivating do not disturb 54
Call charge display 55
Call trace 56
Entrance telephone 56
TDS telephone data service. 58
Activating control relays 59
Sending a signal to the network 60
External call forwarding with a multiple subscriber number 60
Using night service 62
Using dual-tone multifrequency signalling. 63
Parking/activating calls. 64

Conducting calls – with multiple users	65
Call waiting	65
Call waiting tone off/on	66
Disabling/enabling automatic call waiting	67
Override	67
Transferring a call	68
Placing a call on hold	70
Toggling (switching between calls)	70
Conducting a conference	71
Using the second call function	74
Group functions	75
Activating/deactivating group calls	75
Ringling group on	77
UCD (Universal Call Distribution)	78
Mulap group (Multiple Line Application)	82
Message functions	84
Leaving a message/advisory message	84
Sending/calling text messages	85
Answering a message or voice-mail message	87
Caller list	89
Additional functions	91
Handset alarm clock function	91
Handset appointment reminder function	92
System appointment function	95
Selecting a base	97
Speed access to functions and phone numbers	97
Telephone blocking	99
Handset telephone lock	99
Telephone lock code programming	100
Locking/unlocking the handset	101
Central telephone lock/locking/unlocking other handsets	102
System functions	103
Calling functions via the menu	103
Calling functions via codes	103
Functions and codes	104

Appendix	107
Troubleshooting.	107
Configuring the PC interface	109
Cleaning the handset	110
Documentation	111
Technical data	111
Accessories	112
EU guidelines.	112
Declaration of conformity	112
Index.....	113

Step by Step

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, for example, within your company,
- you make between networked communication systems, for example, to different company locations.

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

Step by Step

Activating/deactivating the handset







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

PIN

If the default PIN has not been changed (0000), the handset is ready for operation as soon as it is switched on. If a PIN was set, it must be entered before the handset can be operated.

Displaying the connection quality

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

	No receive field strength
	Low receive field strength
	50% receive field strength
	100% receive field strength

The radio range is different indoors and outdoors (→ page 111). Please consult your system administrator in the event of range problems.

Charging batteries

The handset charges when sitting in the charging shell, even when deactivated. The charging status is shown on the display.

If the handset deactivates because the batteries are flat, it automatically reactivates and is ready for operation as soon as you place it in the charging shell. The charging operation starts. If a PIN was set, it must be entered first to allow charging to start.

Language

If your preferred language for the display texts is not set, you can set this yourself (→ page 18).

Step by Step

First seize the line, then dial



Press and hold down the Talk key or press the 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.

or:

Feature not available.

The user is busy or rejects the call.

Please replace handset.



Press the On-hook key briefly.

Dial first, then seize the line



and if necessary



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

if necessary



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

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



Note:

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



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



The user answers. Conduct the call.

or:

Feature not available.

The user is busy or rejects the call.

Please replace handset.

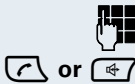


Press the On-hook key briefly.

Step by Step

Dialling an emergency number

Your handset lets you dial the emergency number saved even when your keypad is locked. The emergency number is set to "112" by default. You can change the emergency number (→ page 26).



Enter the emergency number, for example, 112.

Press the Talk or Speakerphone key.

Manual number redial

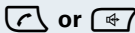
The last ten phone numbers dialled are saved in the redial list. A phone number that was dialled several times is only saved once.



Press the Talk key briefly. The redial list is displayed.

Select the required telephone number.

either:



Press the Talk or Speakerphone key briefly. The connection is set up.

or:



Open the redial menu. The menu contains the following functions (→ page 36):

- Automatic Redial
- Display Number
- Copy to Directory
- Delete Entry
- Delete List



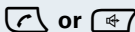
Display Number



Select the menu item and confirm.



Change or complete the phone number, for example, with DDIA.



Press the Talk or Speakerphone key briefly. The connection is set up.

Step by Step

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 re-uses 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 (→ page 85). This function can also be called by entering the code (→ page 103).

Booking a callback



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

Callback

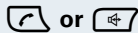


Save the callback request.

Press the On-hook key to end the process.

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:...".



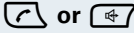
Press the Talk or Speakerphone key briefly. The connection is set up.



Note:

Callbacks are repeated until a connection is established or until the callback is deleted. A handset can initiate up to five callbacks and can be the destination for up to five callback requests. If these conditions are met, any further callbacks are rejected.

Step by Step



Deleting a callback request

Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Service?

OK

Select the menu item and confirm.



More features?

OK

Select the menu item and confirm.



#58=View
callbacks?

OK

Select the menu item and confirm.



Select the entry.

Mnu

Call the additional menu.



Delete?

OK

Select the menu item and confirm.



Press the On-hook key to end the process.

Enquiry

You interrupt your call to consult with a user (including external users) and then resume the original call.



You are on a call.

R

or

Enquiry

Activate consultation. The current call is placed "on-hold", so that the first user waits.



Enter the phone number for the consultation call.



The number is dialled. The user answers. The consultation starts.

The consultation is ended and you return to the waiting call

either:

The second user hangs up. You are reconnected to the first user.

or:

Menu

Call the system menu.



Quit and return?

OK

Select the menu item and confirm.

You are reconnected to the first partner. The second partner hears the busy tone and hangs up; a Gigaset handset hangs up automatically.

Step by Step

However, you can also

- toggle between the partners (→ page 70),
- set up a conference (→ page 71) or
- transfer the waiting partner to the second partner (→ page 68).

The second user is busy or does not answer



Cancel the callback. You are reconnected to the first partner.

During the consultation you can

- book a callback (→ page 5),
- activate call waiting (→ page 65) or
- override (→ page 67).

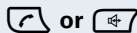
Answering or rejecting a call

Answering a call

Your handset rings (→ page 26). 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 handset from the charging shell (functions only if "Auto Answer" is active → page 26).



The handset is not in the charging shell. Press the Talk key or Speakerphone key.

When you have answered the call you can

- transfer the call (→ page 68),
- place the call on hold and consult with someone else in the room (→ page 70),
- place the call on hold and call a second partner (→ page 6) in order to forward (→ page 68) or toggle the call (→ page 70) or to set up a conference (→ page 71).

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.

Step by Step

Picking up 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 engineer). This is also possible when you are conducting a call.

Prerequisite:

You hear that a telephone in your call pickup group is ringing.



Press and hold down the Talk key. The message "Call for:" appears on the display.

Menu

Call the system menu.



Group Pickup?

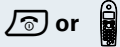


Select the menu item and confirm.



Conduct the call.

Ending a call



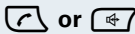
Press the On-hook key briefly or place the handset in the charging shell.

The call charges are displayed, depending on the communication system.

Forwarding calls

This function is for when you leave your desk for a while and want certain calls to be forwarded to your new location. The forwarding destination for internal calls can be any internal or external phone number. The destination number is usually an external phone number because you can be reached internally anytime by means of your handset.

Activating call forwarding



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Forwarding on?



Select the menu item and confirm.

either:






1=all calls?



Select the menu item and confirm.

Step by Step

  2=external calls only? 

or:

Select the menu item and confirm.

  3=internal calls only? 

or:

Select the menu item and confirm.

then:



Enter the destination phone number.

Save

Save the settings.



Press the On-hook key to end the process.



Note:

The external code must be entered before external phone numbers. If the service engineer has activated DTMF DID, you can also forward calls to these external phone numbers.

Deactivating call forwarding

Prerequisite:

The room monitor function is activated.





or

Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.

  Divert cancelled? 

Select the menu item and confirm.



Press the On-hook key briefly to end the process.

Step by Step

Activating or deactivating the keypad lock

This feature protects against accidentally pressing buttons when the handset is in a pocket, for example. The keypad lock turns off automatically when a call comes in and turns back on when the call has ended.



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.



Note:

You can dial a pre-programmed emergency number when the keypad is locked.

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.

Description of controls

Function keys

The following function keys are available:

Key	Name	Use
	On-hook and On/Off key	<ul style="list-style-type: none"> • End a call • Cancel functions • Jump back to the previous menu (only following ) • Activate or deactivate the handset
	Talk key	<ul style="list-style-type: none"> • Answer a call • Dial a phone number • Open the redial list • Access telephone system functions
	Speakerphone key	<ul style="list-style-type: none"> • Answer a call • Dial a phone number • Toggle between handset to speakerphone mode • Access telephone system functions
	Message list	Access message lists
	Star key	Activate/deactivate the ringer
	Hash key	Activate/deactivate keypad lock
	Call-by-call key	Open the call-by-call list
	R key	R key function (→ page 12)





R key

The R key provides access to the following functions depending on how it is operated:

Operation	Function
Press briefly	Consultation function: <ul style="list-style-type: none"> • Make and end a consultation (alternative to "Enquiry" display key) • End a call
Press and hold down (min. 1 second)	R key function: <ul style="list-style-type: none"> • Insert a pause (for example, between the prefix and the phone number, or when checking a mailbox) • End connection to a mailbox (for example, when performing a callback, setting up a conference or transferring a call)





















Control key







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

Situation	 Press top of key	 Press bottom of key	 Press left side of key	 Press right side of key
In idle status	Short: Set the ringer Long: Initiate language selection	Open the mobile's telephone directory		Open the handset's main menu
During a call	Set the speaker volume	Open the mobile's telephone directory		Open the handset's main menu
In the main menu	Select a menu icon	Select a menu icon	Select a menu icon	Select a menu icon
In lists and menus	Next menu level up	Next menu level down	Next menu level up, cancel	Select an entry (OK)
In the input field	Move the cursor up one line	Move the cursor down one line	Move the cursor left	Move the cursor right
Change values			Reduce value	Increase value

Display keys

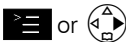
The handset has two display keys, each with one or two functions. When the key is allocated two functions, press the right or left side of the key to select the corresponding function. Display key assignment depends on the operating status. A function can be represented by text or an icon.

Icon	Name	Use
	Menu	Open the handset's main menu or a situation-specific menu
	Delete	Delete the entry character by character from right to left
	Go Back	Go back to the next highest menu level, cancel
	OK	Confirm the selected menu item
	Up/down	Scroll up or down to select menu items
	Define a function	Program a function for the left display key. Displayed until a function is programmed.
	Beep	Activate the warning tone
	Set	Set number keys
	Silent	Confirm handset appointment reminder call
	Appoint.	Activate handset appointment reminder function
	Alarm	Activate alarm function
	Time	Enter the time and date. Displayed until the time and date are set.
	View	Display entry or picture
	Play	Play a melody
	End	End melody playback
	Yes	Confirm the security check question
	Off	Deactivate automatic redial/function
	Save	Save entries
	Phonebook	Open the system's phonebook
	Enquiry	Make an enquiry/consultation

Icon	Name	Use
	Toggle	Toggle between two partners
	2ndCall	Accept call waiting
	Callback	Conduct a callback with a second partner
	Change	Change the configuration
	Save	Save entries
	Dial	Dial the digits entered





Additional icons can be displayed by programming the left display key with a function, for example, the name of a directory or call-by-call entry (→ page 97).

Menu icons in the main menu



You can open the handset's main menu by pressing the "Menu" display key or by right-pressing the Control key.

The main menu is a graphical menu and contains the following menu icons:

Icon	Use
	Open the "H/Set Settings" menu
	Open the "Sound Settings" menu
	Open the "Calendar" menu
	Open the "Sound Manager" menu



The menu icons are selected by pressing the top, bottom, right or left of the Control key.

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

The handset is supplied with two approved batteries. The batteries are supplied uncharged. They are charged in the handset.

Note:

- Note: Please observe the safety notes on the back cover.
- Only use approved batteries (→ page 17).
- 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.
- Only remove the batteries if they are defective. Any unnecessary removal of the batteries reduces their lifespan.

Opening the battery compartment

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



Inserting the batteries

Insert the approved batteries making sure that the poles are facing the right directions as indicated.

Closing the battery compartment

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





Charging and using the batteries

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

Attention:

Only use the relevant approved power supply units for operating the charging shell (for order numbers see → page 111).

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

	Batteries empty
	Batteries 33% charged
	Batteries 66% charged
	Batteries 100% charged

Note:

- Initial charging: Charge the batteries for at least 5 hours without a break, 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 operating times of the batteries.
- To attain full operating and charging times (→ page 16): 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 batteries are charged optimally.

Operating and charging times of the batteries

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

Capacity (mAh)	Stand-by mode (hours)	Talk time (hours)	Charging time (hours)
700 (<small>"Sanyo Twicell 650": 650</small>)	approx. 150 (6 days)	approx. 10	approx. 5 to 6

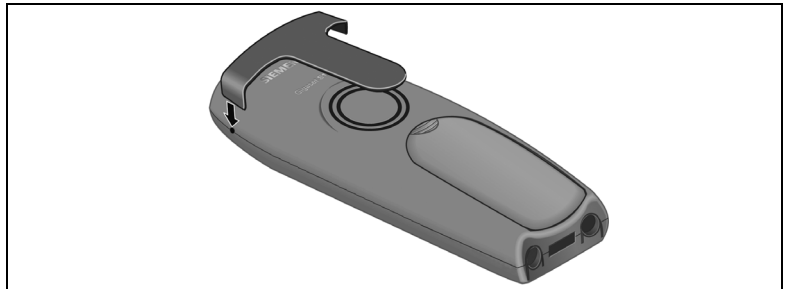
Permitted batteries

The following batteries are approved for use with the handset:

Nickel Metal Hydride (NiMH)
Sanyo Twicell 700
Sanyo Twicell 650
Sanyo HR-4U 800 mAh
Panasonic 700 mAh
GP 700 mAh
GP GP85AAAHC 850 mAh
YDT AAA SUPER 700
YDT Yuasa Delta AAA 800 800 mAh
VARTA PhonePower AAA 700 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.



Step by Step



either:



or:



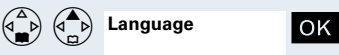
either:



or:



either:



or:



Setting the handset display language

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

Opening the main menu

Open the handset's main menu.

Opening the first submenu

Select the menu item and confirm.

Select the menu item and confirm.

Opening the second submenu

Select the menu item and confirm.

Select the menu item and confirm.

Opening the third submenu

Select the menu item and confirm.

Select the menu item and confirm.

Selecting a language

Select and confirm the language you require.

Press the On-hook key to end the process.

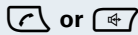
Note:

- If you inadvertently set a display language that you do not understand, press "5 3 1" and then select the correct language.
- If you want to reset the default display language, see → page 31.

Step by Step

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 handset on the system.



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Select the menu item and confirm.



Select the menu item and confirm.



Select the menu item and confirm.



Select and confirm the language you require.



Press the On-hook key to end the process.

Step by Step

Setting the handset

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

Setting the speaker volume

You can adjust the speaker volume during a call. The following volumes are adjustable:

- Volume in handset mode. Three volume levels are possible.
- Volume in speakerphone mode. Five volume levels are possible. You can only change the speakerphone volume if the speakerphone is active (→ page 33).



You are on a call.

either:



Open the menu for setting the volume. The volume menu for either handset mode or speakerphone mode is displayed.

or:



Open the menu if the upper side of the Control key is programmed with another function, for example, when toggling.



Handset Volume



Select the menu item and confirm.

then:



Define settings.

Save

Press the display key if you want to permanently save the setting.



Press the On-hook key to end the process.

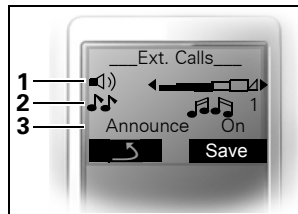
Step by Step

Setting the ringer

Setting the ringer volume and melody

Tones and melodies are saved on your handset. You can also download melodies from a computer (→ page 109) and manage them on the handset (→ page 23).

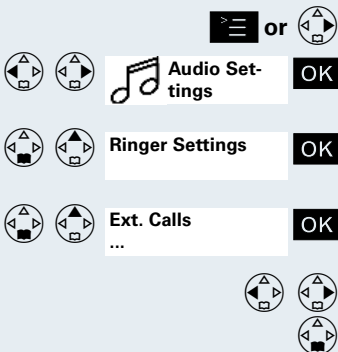
When selecting the menu, the ringer sounds at the current setting. You can choose between three ringer volumes, as well as a crescendo ring (volume increases gradually) and no ringer.



- 1 Ringer volume
- 2 Ringer melody
- 3 Announce the caller name by playing back the speech pattern saved (not supported)

In order to better differentiate between your handset's ringing tones, select the following settings:

- Ext. Calls
- Internal Calls
- Appointments
- Alarm
- All



Open the handset's main menu.

Select the menu item and confirm.

Select the menu item and confirm.

Select the menu item and confirm.

Set volume.

Move the cursor down one line.

Step by Step



Set the ringer melody (if configured by the system administrator):

- for example, tones 1 to 3 for internal calls
- for example, melody 4 to 20 [+16 downloadable] for external calls



Please make sure that you have picked up the call before holding the phone to your ear. This is to ensure that the loud ringing tone does not cause damage to your hearing.

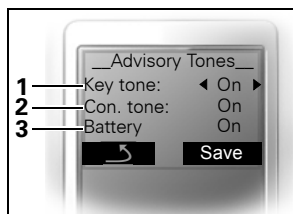
Save

Save the settings.

Advisory tones

The advisory tones have the following meaning:

Advisory	Meaning
Key tone	Every keystroke is confirmed
Confirmation tones	<ul style="list-style-type: none"> • Confirmation tone (crescendo tone sequence) when saving inputs/settings and when placing the handset in the charging shell • Error beep (decreasing tone sequence) to signal incorrect inputs • End-of-menu beep at the menu end
Battery tone	The batteries need charging.



1 Key tone status

2 Confirmation tone status

3 Battery tone status



Open the handset's main menu.

Select the menu item and confirm.

Step by Step



Advisory Tones

OK

Select the menu item and confirm.



Define settings.



Move the cursor down one line.

...

Save

Save the settings.



Press the On-hook key to end the process.

Using Sound Manager to set the ringer

Your handset's Sound Manager coordinates the tones and melodies that you can use as ringers. The following tone and melody types are available:

Icon	Type	Format
	monophonic ringer	Standard
	polyphonic melody	P2CM
	polyphonic melody	.psf
	monophonic melody	iMelody

Three monophonic ringers and 17 polyphonic melodies are already available. You cannot rename or delete these ringers and melodies.

You can download melodies in P2CM, .psf and iMelody format from a computer to your handset (→ page 109). You can save up to 16 new melodies on your handset, each with a maximum duration of four seconds.

Playing a melody



or



Open the handset's main menu.



Sound Manager

OK

Select the menu item and confirm.



Select a melody entry.

Play

Press the display key. You can also set the volume when playing the melody.

End

Press the display key.



Press the On-hook key to end the process.

Step by Step



Editing the melody entry

This function is only available for melodies that you downloaded to your handset.

Open the handset's main menu.

Select the menu item and confirm.



Select a melody entry.



Open the submenu.

either:



Select and confirm the menu item to change the name of the melody entry.

or:



Select and confirm the menu item to delete the melody entry.

then:



Press the On-hook key to end the process.

Activating or deactivating the ringer

Deactivating the ringer



Hold down the key until a confirmation tone is emitted.



The ringer is deactivated.

Activating the ringer



Hold down the key until a confirmation tone is emitted.

Deactivating the ringer for the current call

Silent

Press the display key.

Step by Step

Activating or deactivating the warning tone

When you activate the warning tone, all other tones are deactivated. An incoming call is signalled by this brief tone.

If the handset is in a call pickup group, a pickup call is also signalled by the warning tone.

Activating the warning tone



Hold down the key until a confirmation tone is emitted.

Beep on

Press the display key within three seconds.



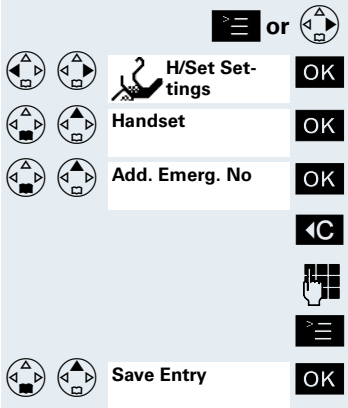
The warning tone is activated. The volume of the warning tone corresponds to the volume of the external ringer.

Deactivating the warning tone



Hold down the key until a confirmation tone is emitted.

Step by Step

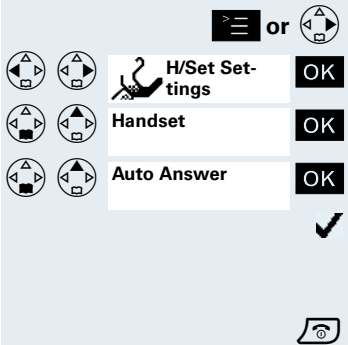


Changing the emergency number

- Open the handset's main menu.
- Select the menu item and confirm.
- Select the menu item and confirm.
- Select the menu item and confirm.
- Delete the old emergency number.
- Enter the new emergency number.
- Open the menu.
- Select the menu item and confirm.

Activating/deactivating automatic call answering

This function allows you to accept calls by removing the handset from the charging shell.



- Open the handset's main menu.
- Select the menu item and confirm.
- Select the menu item and confirm.
- Select the menu item and confirm.
- Automatic answering is activated.
- The activated function is ticked and can be deactivated by selecting it once more.
- Press the On-hook key to end the process.

Step by Step

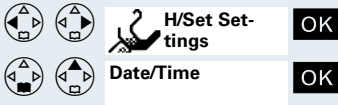
Setting the date and time

The handset date and time are automatically set when you set up a call to another station. If your communication system does not support this function, you can set the date and time manually. The handset data and time must be set so that calls receive the correct timestamp.

either:



Open the handset's main menu.



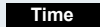
Select the menu item and confirm.



Select the menu item and confirm.

or:

If the date and time have not yet been set:



Press the display key.

then:



Enter the date, for example, 22.09.2004 = 220904.



Move the cursor down one line.



Enter the time, for example, 19:05 = 1905.



Save the settings.



Press the On-hook key to end the process.

**Note:**

If your communication system does not automatically set the date and time, you must check the setting from time to time and if necessary, correct it.



Step by Step




Display settings




A number of options are available for setting the display. The screen picture, the colour scheme and the contrast are all adjustable. Night mode can be activated or deactivated and the name of the base station can be modified.




Setting the screen picture



You can set a screen picture that is displayed when the handset is idle. It replaces the idle status display and can even overlap the date, time, and the name of the base station. The screen picture is not displayed during a call or if the handset is logged off.


 or 

  **H/Set Settings** 



  **Display** 

  **Screen Picture** 


Activation:  **On** 






either:

Picture:  **PictureN** 


or:






then:





Open the handset's main menu.

Select the menu item and confirm.

Select the menu item and confirm.

Select the menu item and confirm.

Enable or disable activation.

Move the cursor down one line.

Select a picture.

The selected picture is displayed.

Select a picture.

Confirm your selection.

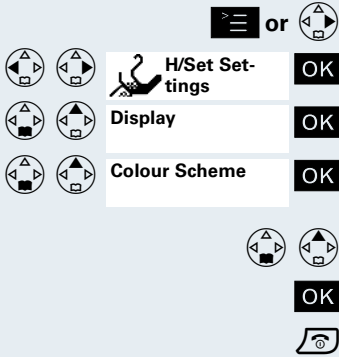
Save the settings.

Press the On-hook key to end the process.

Step by Step

Setting the colour scheme

A number of colour schemes are saved on your handset. By selecting a colour scheme you define the colours to be used for the font, menu items and background.



Open the handset's main menu.



Select the menu item and confirm.



Select the menu item and confirm.



Select the menu item and confirm.



Select the colour scheme.



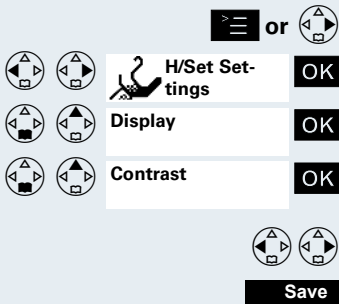
Confirm your selection.



Press the On-hook key to end the process.

Setting the contrast

Use this function to define the contrast between the font/menu icons and the background.



Open the handset's main menu.



Select the menu item and confirm.



Select the menu item and confirm.



Select the menu item and confirm.



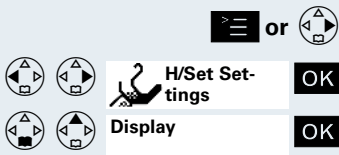
Set the contrast.



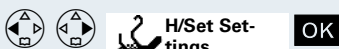
Save setting.

Activating/deactivating night mode

The handset's illumination intensity is reduced when it is sitting in the charging shell. However, you can dim the display entirely by activating night mode if you find reduced-intensity illumination annoying. The display is dimmed when night mode is active.



Open the handset's main menu.



Select the menu item and confirm.



Select the menu item and confirm.

Step by Step



Night Mode

OK

Select the menu item and confirm.

OK

Activate (or deactivate) night mode.



Night mode is activated.

The night mode function is active when a checkmark appears beside the corresponding menu item and can be deactivated by selecting the menu item once more.

Changing the name of the base station

You can change the base station name that is displayed in idle status. The handset must be registered at the corresponding base.



Open the handset's main menu.



H/Set Settings

OK

Select the menu item and confirm.



Handset

OK

Select the menu item and confirm.



Select Base

OK

Select the menu item and confirm.



<Base>

OK

Select the menu item and confirm.



The selected base is activated. The activated base is ticked. It can be deactivated by selecting another base.

Change

Change the settings.

Edit Name: **◀C**

Delete text.



and if necessary **◀C**

Enter the required text and correct individual characters as necessary using the "Delete" display key.

Save

Save the settings.



Press the On-hook key to end the process.



Press the On-hook key twice to turn the handset off and back on.

The new base station name is now displayed in idle status. This name is replaced by the user's name or the phone number dialled when you call a user. The name of the base station only reappears after the handset has been switched off and back on again.

Step by Step

Resetting the defaults

This function allows you to reset your mobile phone to the defaults, for example, if you want to pass it on to someone else or reset it.

The handset features are handled as follows:

Feature	Action
Sound settings	are reset
Call-by-call list	is retained
System registration	is retained
Phonebook	is retained
Redial list	is deleted

Resetting

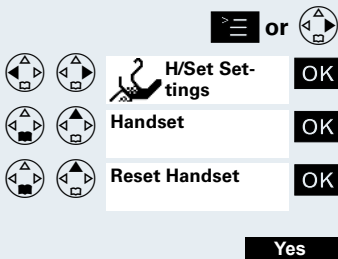
Open the handset's main menu.

Select the menu item and confirm.

Select the menu item and confirm.

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

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



Note:

For information about deleting the telephone directory see: → page 45.

Default settings

Setting	Explanation/notes	Levels	Default state
Audio Settings	Ringer volume	5	5
	Ringer melody, external	20 (+16)	1
	Ringer melody, internal	20 (+16)	3
	Warning tone	-	off
	Handset volume	3	1
	Volume in speakerphone mode	5	3
	Name announcement	-	off
	Alarm/Appointment	-	off
	Appointment name	-	deleted
	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 whether actions were successful or unsuccessful.	-	on	
Auto Answer	Call is automatically accepted by removing the handset from the charging shell.	-	on
Select Base	Select the base	4	retained
Add. Emerg. No	Emergency number, can be dialled when the keypad is locked.	-	112
Night Mode	Dim the display.	-	off
Screen Picture	Display in idle status	-	off
Character Set	Available character set	-	Standard
Language	Select different languages:	19	English or German
Default state	Resetting the defaults deletes the redial call numbers and resets the sound settings. The registration (logon) and the handset PIN are retained.	-	-

Step by Step

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:



Press the Speakerphone key. The Speakerphone key lights up. Inform the other party when you want to activate the speakerphone to let others listen in.



Note:

Make sure you switch back to handset mode before you return the telephone directly to your ear. In this way you can avoid causing damage to your hearing.

Switching between speakerphone and handset mode



Press the Speakerphone key. The handset switches from speakerphone to handset mode or vice versa.

The Speakerphone key lights up if speakerphone mode is active. It does not light up if speakerphone mode is deactivated and handset mode is activated.

Step by Step



Press the On-hook key to end the process.

Dialling a phone number with voice dialling



Press and hold down the Control key and wait for the signal tone. After the tone, say the name of the party you wish to call.

If the name you said matches the voice pattern saved, the handset repeats it and dials the associated number.

Listening to a voice pattern



Open the handset's phonebook.



Select the required voice dialling entry. This entry must be marked as a voice dialling entry.



or



Open the handset's phonebook menu.



Play Pattern

...



Select the menu item and confirm. The voice pattern is played back in speakerphone mode.



Press the On-hook key to end the process.

Changing or deleting voice patterns

Once you have deleted the voice pattern, you can record a new one.



Open the phonebook.



Select the required voice dialling entry.



Open the menu.



Delete Name



Select the menu item and confirm.



Press the On-hook key to end the process.



Note:

The telephone directory entry is maintained even after the corresponding voice pattern is deleted.

Step by Step

Number redial

The last ten phone numbers dialled are saved in the redial list. A phone number that was dialled several times is only saved once.

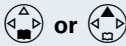
If you tried to call a party from the handset's telephone directory, the name of the party is displayed in case of number redial. For information on manual number redial, see (→ page 4).

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.



Press the Talk key briefly. The redial list is displayed.



or

Select the required telephone number.



Open the redial menu.



Automatic Redial



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

either:



The user answers and you conduct the call.

or:



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

Deleting a redial entry or list



Press the Talk key briefly. The redial list is displayed.



or

Select the required telephone number.



Open the redial menu.

either:



Delete Entry



Select the menu item and confirm. The telephone number is deleted.

or:



Delete List



Select the menu item and confirm. The redial list is deleted.

Step by Step



Press the On-hook key to end the process.

Adding a telephone number to the redial list



Press the Talk key briefly. The redial list is displayed.



Select the required telephone number.



Open the redial menu.



Copy to Directory



Select the menu item and confirm. The telephone number is deleted.



Enter the name (max. 16 characters), change the phone number is necessary and enter the date.



Open the menu.

Save Entry



Save the entry.

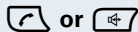


Press the On-hook key to end the process.

System speed dialling

Your system administrator can save up to 1000 external phone numbers as system speed dialling destinations in your communication system. You can dial these speed dialling destinations with a three-digit code (000 - 999).

Dialling a system speed dialling destination



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Service?



Select the menu item and confirm.



*7=Use speed dialling?



Select the menu item and confirm. This function can also be activated directly by entering the appropriate code (→ page 103).



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.

Step by Step

Dialling a system speed dialling destination with suffix-dialling or a DID number

System speed dialling destinations can be saved in your communication system and then dialled by means of suffix-dialling or DDIA. These speed dialling destinations let you enter an additional suffix-dialling or DID number up to five seconds after entering the three-digit service code. If you do not make an entry within this timeframe, the default suffix-dialling number, for example, "0" for the exchange, is dialled.



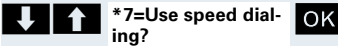
Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Select the menu item and confirm.



Select the menu item and confirm.



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



Within five seconds: enter the suffix-dialling or DID number.

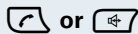
Step by Step

System speed dialling, individual

You can save up to ten external phone numbers as speed dialling destinations for your handset in your communication system. These speed dialling destinations are dialled using a 2-digit code (*0 to *9). 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 103).

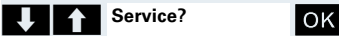
Setting up an individual speed dialling destination



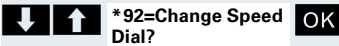
Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Select the menu item and confirm.



Select the menu item and confirm.



Call the first destination.
Call the next destination.

Mnu

Call the additional menu.



Select the menu item and confirm.



Enter the external phone number (with external code).

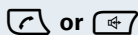
Save

Save the settings.



Press the On-hook key to end the process.

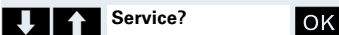
Dialling an individual speed dialling destination



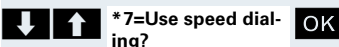
Press and hold down the Talk key or press the Speakerphone key.

Menu

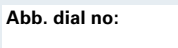
Call the system menu.



Select the menu item and confirm.



Select the menu item and confirm.



Enter the code for the speed dialling destination.

Step by Step

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



Phonebk

Press and hold down the Talk key or press the Speakerphone key.

Call the system telephone directory. The first entry appears.

If applicable:



1=intnl

OK

If more than one telephone directory is configured: select the menu item and confirm.

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.



Select the user you want.

Dialling the entry



Confirm your selection. The selected number is called.

Quitting the redial list



Press the display key.



Note:

Phone numbers dialled from the "System telephone directory" are not stored in the redial list.

Step by Step

Telephone database (LDAP)

If your company has an LDAP telephone database and access to it is configured in your communication system, you can query it with your handset. This LDAP telephone database can contain far more entries than the telephone directory on your communication system or your handset. The LDAP telephone database is installed on an LDAP server. This telephone database is accessed over the LDAP Internet protocol (Lightweight Directory Access Protocol).

This function can also be called by entering an appropriate code (→ page 103).

Activating the LDAP telephone database



Press and hold down the Talk key or press the Speakerphone key.

Phonebk

Press the display key.

If applicable:



If more than one telephone directory is configured: select the menu item and confirm.

Entering a name and finding an entry

You can now enter the name over the handset's keypad. Each key is assigned several letters and each letter is selected by pressing the key an appropriate number of times. For example, you must press the "7" key three times to enter an "r".



Enter the name you want to find (maximum 16 characters). Partial entries are accepted, for example, "mei" for Meier. The more characters entered, the more precise the search result.

If configured, you can search for first and last names. First and last names must be separated by a space. Do this by pressing the "0" key. Partial entries are accepted, for example, "mei P" for "Meier Peter".


If applicable:



If you wish to delete an incorrect letter entered by mistake: select the menu item and confirm.

then:

Step by Step

  Search? 

Select the menu item and confirm. The system starts to search for the entry. This can take a few seconds. The entries found are then displayed.

Selecting an entry

either: If a single entry is found, it is displayed.

Call? 

Select the menu item and confirm. The user will be called.




or: If more than one entry is found, the first entry is displayed. A maximum of 50 hits can be displayed.

  Scroll Next? 

If you wish to scroll forward: select the menu item and confirm.

  Scroll Previous? 



If you wish to scroll backward: select the menu item and confirm.

  Call? 

Select the menu item and confirm. The user will be called.

If no entries were found

If no entries were found, you can extend the search range by deleting some of the characters entered.




  Change search string? 

Select the menu item and confirm. You can now change your search entry.

If too many entries were found


The hit list is not displayed in full if more than 50 entries matching your search query were found. We recommend narrowing down the search by entering more characters. However, even if you do not do this, you can still display the entire hit list, select the required entry and call the selected party.

either:

  Change search string? 

Select the menu item and confirm. You can now change your search entry.

or:

  Show results? 

Select the menu item and confirm. The hit list is displayed.

Step by Step

The handset's phonebook/call-by-call list

You can save the phone numbers, names and anniversaries of frequent call partners in the phonebook. Once a phone number has been saved in this way you no longer have to enter it in full when you want to call someone. All you have to do is select the required phonebook entry.

You can save particularly important phone numbers, for example, private phone numbers or carrier prefixes, in the call-by-call list. The call-by-call list does not support the anniversary function, however, but you can allocate a speed dial number for up to nine new entries. The external code must be entered before external phone numbers, for example, "0".

A total of up to 200 entries can be saved in the telephone directory, the e-mail directory and the call-by-call list. Operation of the telephone directory and the call-by-call list is identical.

Saving an entry



Open the phonebook or call-by-call list.

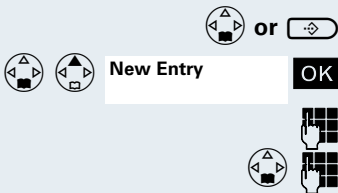
Select the menu item and confirm.

Enter a phone no.

Go to the Name line and enter the name. Where applicable, enter the anniversary.

Functions for text input:

	Press the Star key briefly, for approx. 2 seconds: switches mode from abc to Abc, from Abc to 123 and from 123 to abc.
	Deletes the letter to the left of the cursor.



either (for phonebook):



Open the menu.

Save the entry.

Step by Step

or (for the call-by-call list):

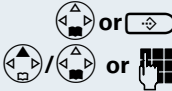


Define a speed dialling digit.



Save the settings.

Finding and dialling an entry



Open the phonebook or call-by-call 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.

either:



Press the Talk or Speakerphone key. The assigned phone number is dialled.

or:



Open the menu.



Display Number



Select the menu item and confirm. The number is displayed.



Change or complete the phone number, for example, with DDIA.



Press the Talk or Speakerphone key.

Dialling an entry with the speed dialling digit

You can call up an entry you saved in the call-by-call list and assigned a speed dialling digit by pressing this speed dialling digit and dial the assigned phone number.



Press and hold down the required speed dialling digit. The assigned phone number is shown on the display.



Press the Talk or Speakerphone key. The assigned phone number is dialled.

Changing an entry



Open the phonebook or call-by-call 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.



Open the menu.



Edit Entry



Select the menu item and confirm.

Step by Step



Enter changes.



Open the menu.



Save the entry.



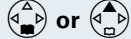
Press the On-hook key to end the process.

Deleting an entry or phonebook/call-by-call list



or

Open the phonebook or call-by-call list.



or

Select the required telephone number.



Open the menu.

either:



Select the menu item and confirm. The telephone number is deleted.

or:



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

Yes

Confirm the security check question. The phonebook/call-by-call list is deleted.



Press the On-hook key to end the process.

Displaying available memory



Open the phonebook.



Select any entry.



Open the phonebook menu.



Select the menu item and confirm.



Press the On-hook key to end the process.

Adding the telephone number displayed to the phonebook

You can add a number displayed in the mobile phone's redial or missed call list to your phonebook.



Open the phonebook.



Select the menu item and confirm.



Go to the Name line and enter the name.



Press the display key to open the menu.

Step by Step

Save Entry

OK

Confirm the menu item. The entry is saved.

Saving an anniversary for a phone number

You can save anniversaries, for example, birthdays, in the phonebook and configure reminder calls so you don't forget them. For the anniversary to be signalled with a ringer melody, you must first enter a time.

Prerequisite: The handset clock is set (→ page 27) and you have opened a phonebook entry (→ page 43).



Edit

Go to the "Anniversary:" line and press the display key.



In the "Date:" line, enter the day and month (4 digits).



Go to the "Time:" line and enter the time (hours/minutes - 4 digits) at which you want to be reminded.



1



Go to the "Signal:" line and select a signalling type, melodies 1–20 (+16 downloadable) or "visual".

OK

Confirm. The phonebook entry is displayed again.

Save the entry (→ page 43).

Copying, deleting or loading a list or entry to the communication system

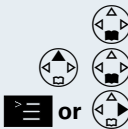
If your handset and the recipient's handset have phone numbers between 1 and 99, you can send or receive a list or entry directly from one handset to the other. If the handsets' phone numbers start at 100, you must first send the list or entry to the communication system. The recipient can then use his or her handset to download the list or entry from the communication system.

Sending a list/entry

Open the phonebook.

Select the entry.

Open the handset's phonebook menu.



either:



Copy List

OK

Select the menu item and confirm.

or:



Copy Entry

OK

Select the menu item and confirm.

Step by Step

then:



Enter a phone no. The following phone numbers are possible:

- 1... 98 – the list or entry is sent directly to the recipient's handset.
- 00 – the list or entry is sent to the communication system and can then be downloaded by any handset.
- 99 – The list or entry is sent to the communication system and can then only be downloaded by your handset.

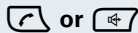
OK

Confirm your entry. The list or entry is sent.

If a phone number from 1 to 98 was dialled, the list or the entry is automatically received by the recipient's handset.

Loading a list or entry from the communication system

Prerequisite: You sent an entry or list to the communication system by dialling the phone number 00 or 99.



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Service?

OK

Select the menu item and confirm.



Load list buffer?

OK

Select the menu item and confirm. The handset starts to load the list/entry.



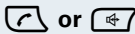
Press the On-hook key to end the process.

Step by Step

Deleting a list or entry in the communication system

Prerequisite: A currently unused list or entry is saved on the communication system.

If the handset with phone number 00 was used to send the list or entry to the communication system, any handset can be used to delete this list or entry. If the list or entry was sent by the handset with the phone number 99, the list or entry can only be deleted by the handset that sent it.



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Service?

OK

Select the menu item and confirm.



Erase list buffer?

OK

Select the menu item and confirm. The handset starts to delete the list/entry.
















Press the On-hook key to end the process.

Step by Step











E-mail directory

You can save e-mail addresses in the e-mail directory. Entries in the e-mail directory are managed the same way as telephone directory entries.

Saving a new e-mail address

-  Open the phonebook.
-  **<E-MailDirectory>**  Select the menu item and confirm.
-  **New Entry**  Select the menu item and confirm.
- To use the help function:
-  Open the menu.
-   Select and confirm one of the following menu items:
 - Insert '.'
 - Insert '@'
-  Enter address.
-  Open the menu.
-  **Save Entry**  Save the settings.
-  Press the On-hook key to end the process.

Changing an e-mail address

-  Open the phonebook.
-  **<E-MailDirectory>**  Select the menu item and confirm.
-  Select the required entry.
-  **View** View entry.
-  **Change** Change entry
-  Open the menu.
-  **Save Entry**  Save the settings.
-  Press the On-hook key to end the process.

Step by Step



Deleting an e-mail address

Open the phonebook.

Select the menu item and confirm.



Select the required entry.



Open the menu.



Select the menu item and confirm.

Changing an e-mail address



Open the phonebook.



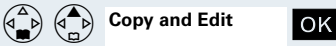
Select the menu item and confirm.



Select the required entry.



Open the menu.



Select the menu item and confirm.



Enter changes.



Open the menu.



Save the entry.



Press the On-hook key to end the process.

Deleting the entire e-mail directory



Open the phonebook.



Select the menu item and confirm.



Select the required entry.



Open the menu.



Select the menu item and confirm.



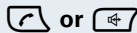
Press the display key to confirm the deletion.

Step by Step

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 (→ page 103).



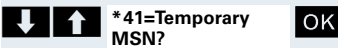
Press the Talk or Speakerphone key.

Menu

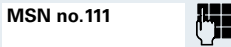
Call the system menu.



Select the menu item and confirm.



Select the menu item and confirm.



Enter the required multiple subscriber number.

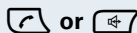


Enter the required external phone number. The phone number is dialled.

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, for example, 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.

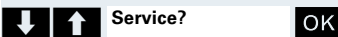
This function can also be called by entering the code (→ page 103).



Press the Talk or Speakerphone key.















Menu

Call the system menu.



Select the menu item and confirm.

Step by Step

 	*60= Account code?	
	Project Code:	
	Save	
	Please dial.	
	 or 	
	Menu	
 	Service?	
 	*508=Temporary Phone?	
	Home Extn. no.:	
	PIN no: <Name>	
	<Name>: ...	

Select the menu item and confirm.

Enter the required account code (optional).

Save the settings.

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.

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 (→ page 103).

Press and hold down the Talk key or press the Speakerphone key.

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Enter the internal phone number for the relevant line.

Enter the code (lock code) for the relevant line (→ page 100).

If there is no personal code for the relevant line, the system will prompt you to enter the code.

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

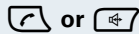
The "Temporary phone" function is discontinued again after the call is complete.

Step by Step

Deactivating the phone number display

Your service engineer can deactivate the display of your phone number and name on the called party's display for external outgoing calls. You can also activate and deactivate the phone number display on your own handset yourself.

Deactivating the phone number display



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.

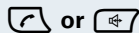


Select the menu item and confirm.



Press the On-hook key to end the process.

Activating the phone number display



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Select the menu item and confirm.



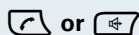
Press the On-hook key to end the process.

Directed call transfer

You can transfer calls to other telephones to your handset. This is also possible when you are conducting a call.

This function can also be called by entering the code (→ page 103).

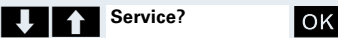
Another telephone rings.



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Select the menu item and confirm.



Select the menu item and confirm. The called user is displayed.

Step by Step

Mnu

Call the additional menu.

either:

↓ ↑ Accept call? OK

Select the menu item and confirm.

or:

Note:

If several users are called simultaneously, only the first user called is displayed. However, you can transfer by entering the phone number of any of the users called.

↓ ↑ Select extension? OK

Select the menu item and confirm.

then:



Conduct the call.

Activating/deactivating do not disturb

You can block calls to your handset on a temporary basis, while still being able to make calls yourself. Internal callers hear the busy tone, while external callers reach another telephone defined by the service engineer (intercept position). Authorised internal callers automatically override the do not disturb after five seconds.

Activating do not disturb



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.

↓ ↑ Do Not Disturb ON? OK

Select the menu item and confirm.



Press the On-hook key to end the process.

Deactivating do not disturb



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.

↓ ↑ Do Not Disturb OFF? OK

Select the menu item and confirm.



Press the On-hook key to end the process.

Step by Step

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.



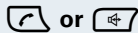
Note:

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.

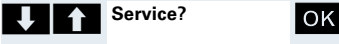
This function can also be called by entering the code (→ page 103).



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Select the menu item and confirm.



Select the menu item and confirm.



Press the On-hook key to end the process.

Step by Step

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 (→ page 103).



You receive a malicious call.
Do not hang up.

Menu

Call the system menu.



Service?

OK

Select the menu item and confirm.



*84=Trace call?

OK

Select the menu item and confirm. 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 (for example, by means of a DTMF transmitter or installed keypads).

Some of the functions described below can also be called directly by entering the relevant code (→ page 103).

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 and hold down the Talk key.

Step by Step



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

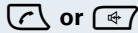


Open door?



Select the menu item and confirm.

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



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Service?



Select the menu item and confirm.



*61=Open door?



Select the menu item and confirm.



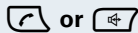
Enter the internal phone number for the door opener. The door is opened.



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.



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Service?



Select the menu item and confirm.



*89=Door release ON?



Select the menu item and confirm.



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:

- 1=enable with ring,
- 2=enable w/o ring,
- 3=change password.



Confirm your entries.



Press the On-hook key to end the process.

Step by Step



Note:

Standard code 00000. To change the code, confirm option "3=change password". Follow the user guidance system.

Deactivating the door release



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Service?

OK

Select the menu item and confirm.



*89=Door release OFF?

OK

Select the menu item and confirm.

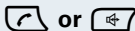


Press the On-hook key to end the process.

TDS telephone data service

You can use your mobile phone to operate connected computers and their programs, for example, access hotel services or information systems.

This function can also be called by entering the code (→ page 103).



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Service?

OK

Select the menu item and confirm.



*42=Tel. data service?

OK

Select the menu item and confirm.

TDS code:



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.

Step by Step

Activating control relays

The service engineer can set up a maximum of 4 control relays that enable various equipment (for example, 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 (→ page 103).

Activating a control relay



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Select the menu item and confirm.



Select the menu item and confirm.

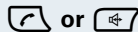


Follow the user guidance system from this point onwards. Enter the required switch code (1... 4).



Press the On-hook key to end the process.

Deactivating a control relay



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Select the menu item and confirm.



Select the menu item and confirm.



Follow the user guidance system from this point onwards. Enter the required switch code (1... 4).



Press the On-hook key to end the process.

Step by Step

Sending a signal to the network

To enable ISDN-type services/ features to be started via analog lines (for example, 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 by entering the code (→ page 103).

You have an external connection.

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

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"

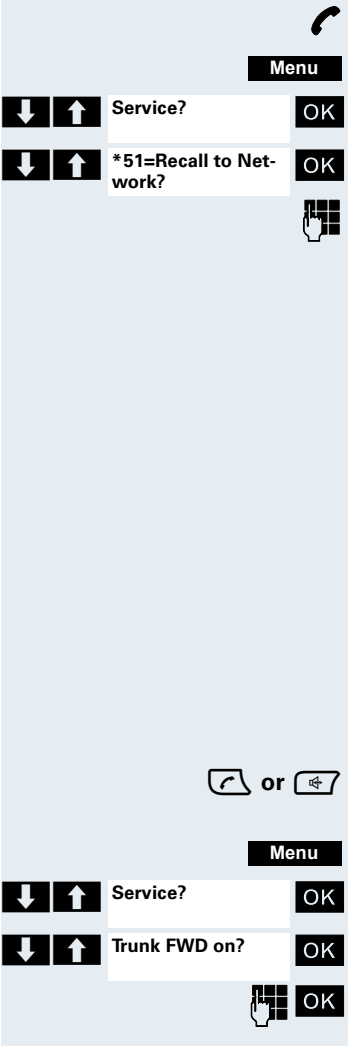
Press and hold down the Talk key or press the Speakerphone key.

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Enter and confirm your own multiple subscriber number.



Step by Step

either:



1=immediate?



Select the menu item and confirm.

or:



2=on no answer?



Select the menu item and confirm.

or:



3=on busy?



Select the menu item and confirm.

then:

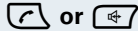


Enter the phone number of the destination (without external code).

Save

Save the settings.

Deactivating call forwarding to a "trunk"



or

Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Service?



Select the menu item and confirm.



Forward by Network OFF?



Select the menu item and confirm.



Follow the user guidance system from this point onwards (enter a multiple subscriber number or DID and forwarding type).



Confirm your entries.



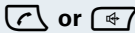
Press the On-hook key to end the process.

Step by Step

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 (= standard 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



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Night answer on?

OK

Select the menu item and confirm.

either:



*=default?

OK

Select the menu item and confirm.
"Standard night service" is configured.

or:



Enter an internal phone number.

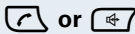
Save

Save the settings.
"Temporary night service" is configured.



Press the On-hook key to end the process.

Deactivating night service



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Night Service - OFF?

OK

Select the menu item and confirm.



Press the On-hook key to end the process.

Step by Step

Using dual-tone multifrequency signalling

Your handset operates on the basis of digital information transmission. However, certain applications, for example, answering machines, can only be operated 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.

Menu

  Service? 

Call the system menu.
Select the menu item and confirm.

  *53=Tone dialling? 

Select the menu item and confirm.



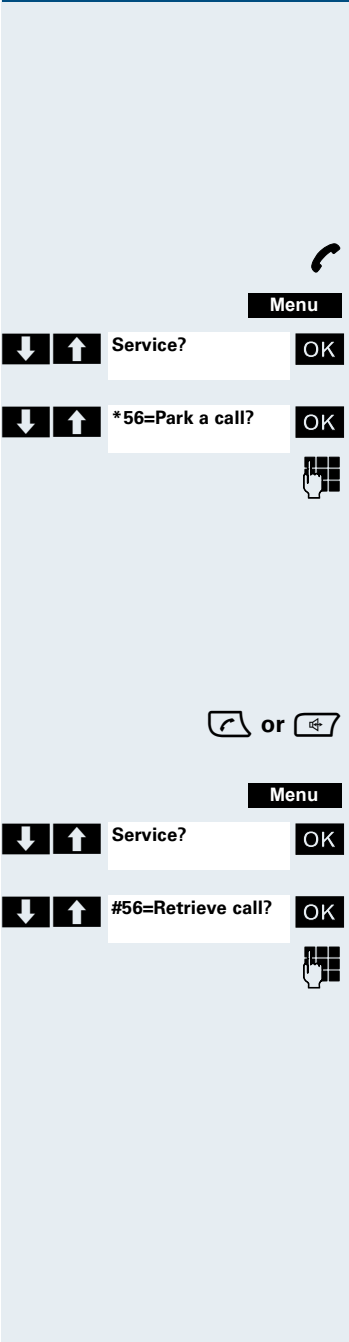
Enter the numbers. All entries are sent as DTMF signals.

Automatic tone dialling is active



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

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 communication system.

Parking a call

You are on a call you wish to park.

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

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

Prerequisite:

One or more calls have been parked. Your handset is in standby status.

Press and hold down the Talk key or press the Speakerphone key.

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

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)".

Step by Step

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 70) or
- set up a conference (→ page 71).

Step by Step

either:

Menu

Call the system menu.



Quit and return?

OK

Select the menu item and confirm.

or:



Press the On-hook key. The following message appears on the display: "Recalling". Your handset rings.



Press the Talk key to talk to the first caller again.

Ending the first call.



Press the On-hook key. The first call is ended. Your handset rings.



Press the Talk key and answer the second call.

Call waiting tone off/on

You can suppress the call waiting tone for external calls.

Deactivating the call waiting tone



or



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Waiting tone off?

OK

Select the menu item and confirm.



Press the On-hook key to end the process.

Activating the call waiting tone



or



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Waiting tone on?

OK

Select the menu item and confirm.



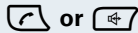
Press the On-hook key to end the process.

Step by Step

Disabling/enabling automatic call waiting

You can disable/ enable automatic call waiting signalling for a second call during a telephone conversation.

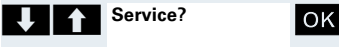
Disabling the call waiting tone



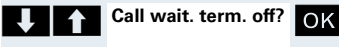
Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Select the menu item and confirm.

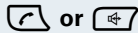


Select the menu item and confirm.



Press the On-hook key to end the process.

Enabling the call waiting tone



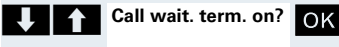
Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Select the menu item and confirm.



Select the menu item and confirm.



Press the On-hook key to end the process.

Override

You need to speak to an internal user urgently, even though his line is busy. The "Override" function allows you to interrupt the ongoing call to pass on a message.

This function is only available when the code has been input and if it has been configured by the service engineer.



The user is busy.



Call the function.

Override



Enter the phone number of the busy user.

Step by Step

<Name>

The override is established. The user name or phone number, to whom/which the call has been transferred, is displayed.

Override is ended when you hang up the handset.



Note:

During override

- all users hear an override tone and everything that is said,
- all users see the following message on the display "Override:.....".

Transferring a call

Transferring a call means that you wish to hand over a call you are conducting on your handset to another user.

Transferring (without announcing the transfer)



You can use this function to forward a call which you answered to another user.

Menu

Call the system menu.



Start transfer?

OK

Select the menu item and confirm.

The current call is placed "on-hold", so that the first user waits.



Enter the phone number of the user to whom the call is to be transferred.



The number is dialled.

either:



Press the On-hook key. The target user's phone rings. He picks up the call by lifting the handset.

or:

Menu

Call the system menu.



Transfer?

OK

Select the menu item and confirm.



Press the On-hook key. The target user's phone rings. He picks up the call by lifting the handset.

Step by Step

You receive a recall

- immediately if you have made a mistake,
- 45 seconds after the transfer if the required user does not answer.

If you do not answer recalls, another telephone defined by the service engineer is called (intercept station).

Transferring (with announcement of call transfer)



You can use this function to forward a call which you answered to another user.

Menu

Call the system menu.



Start transfer?

OK

Select the menu item and confirm.

The current call is placed "on-hold", so that the first user waits.



Enter the phone number of the user to whom the call is to be transferred.



The number is dialled. The user answers. You announce the call presently on hold.

either:



Press the On-hook key. The user answers the call.

or:

Menu

Call the system menu.



Transfer?

OK

Select the menu item and confirm.

Step by Step

Placing a call on hold

You can interrupt a call temporarily if, for example, you want to talk to someone else in the room. The line is placed "on hold".

You are on a call.

  or **Enquiry**




Press the R key or display key. The current call is placed "on hold", the user waits.

Resuming the call with the waiting user

either:

Menu

Call the system menu.

  **Return to held call?** 

Select the menu item and confirm. You are reconnected to the partner.

or:



Press the R key.

Toggling (switching between calls)

The Toggle function allows you to switch between two users without allowing them to speak to each other directly. The two users can be either external or internal users. You can also withdraw from the calls and connect the two users with each other. You can also start a conference.

You are on a call.

 **Menu**

Call the system menu.

Enquiry

Press the display key. The current call is placed "on hold", the user waits.



Enter the phone number of the second user.



The second user answers.

Toggle

Press the display key to switch between the two calls.

When you end a call, the two users are connected with each other (not possible when both users are external).

Step by Step

Conducting a conference

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.

Menu

Call the system menu.



Start conference?

OK

Select the menu item and confirm.



Enter the phone number of the new user.



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

Menu

Call the system menu.



Conference?

OK

Select the menu item and confirm.

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.

Menu

Call the system menu.



Conference?

OK

Select the menu item and confirm.

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

Step by Step

Expanding a conference

You can expand an existing conference to include up to five users.



You are connected with two or more partners in a conference call.

Menu

Call the system menu.



Add party?

OK

Select the menu item and confirm. Conference is placed "on hold", the users wait.



Enter the phone number of the new user.



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

Menu

Call the system menu.



Conference?

OK

Select the menu item and confirm. The new user is included in the conference call.

Ending a conference



You are connected with two or more partners in a conference call.

Menu

Call the system menu.



End conference?

OK

Select the menu item and confirm. The conference is ended.

Leaving a conference



Press the On-hook key. You leave the conference.

When one user leaves the conference, the other two users remain connected.

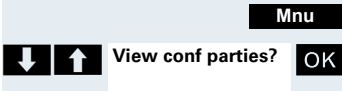
Viewing the names of conference parties

As the convener of the conference, you can view the names of all conference parties.



You are connected with two or more partners in a conference call.

Step by Step



Viewing the conference parties list

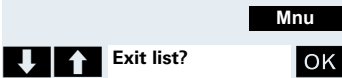
Call the additional menu.

Select the menu item and confirm. The first party is displayed.



View other parties.

Closing the conference party list



Call the additional menu.

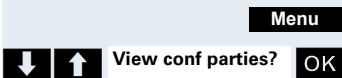
Select the menu item and confirm. The conference party list is closed.

Disconnecting a party from the conference

As the convener of the conference, you can disconnect users from the conference.



You are connected with two or more partners in a conference call.



Call the system menu.

Select the menu item and confirm. The first party is displayed.



Display the required party.



Select the menu item and confirm.

Select the menu item and confirm. The relevant party is disconnected from the conference.

Connecting parties

As the conference convener, you can leave the conference and thereby connect the other parties with each other. If you were previously connected with two or more parties, the other parties remain in a conference. Otherwise, the remaining two users conduct a one-to-one call.



You are connected with two or more partners in a conference call.



Call the system menu.

Select the menu item and confirm. The first party is displayed.



Press the On-hook key. You leave the conference; the remaining parties are connected with each other.

Step by Step

Using the second call function

The second call is an incoming call that is signalled on your handset during a call and that can be queried by you (for example, → page 65).

A second call can be answered in the following call states:

- You are on a single call,
- You are on a consultation call,
- You are holding a conference,
- You are on a call which you intend to add to a conference,
- You are toggling between two partners.

Step by Step

Group functions

Activating/deactivating group calls

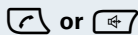
If this has been configured by the service engineer, you belong to one or more groups of internal users that can be reached at a hunt group or group call phone number. Calls are signalled on all telephones in the group either in succession (=hunt group) or simultaneously (=group call), until a member of the group answers the call. Every user in the group can also remain available under his own phone number.

You can leave and re-join specific groups or leave and re-join all groups.

These functions can also be called directly by entering the relevant code (→ page 103).

You belong to a hunt group or group call group

Use this function to leave or re-join the hunt group or group.



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.

either:



Leave hunt group?

OK

Select the menu item and confirm. You have now left the hunt group or group.

or:



Join hunt group?

OK

Select the menu item and confirm. You have now re-joined the hunt group or group.

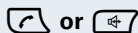
then:



Press the On-hook key to end the process.

You are a member of several groups

Leaving and re-joining individual groups



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



either:

Step by Step

Leave hunt group? **OK**


Select the menu item and confirm.

or:

  Join hunt group? **OK**



Select the menu item and confirm.

then:

 Group 1
Group 2 **Mnu**



Select the required group and call the additional menu.

either:

  Leave hunt group? **OK**

Select the menu item and confirm. You have now left the selected group.

or:

  Join hunt group? **OK**

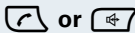
Select the menu item and confirm. You have now joined the selected group.

then:



Press the On-hook key to end the process.

Leaving and re-joining all groups





Press and hold down the Talk key or press the Speakerphone key.

Menu



Call the system menu.

either:

  Leave hunt group? **OK**

Select the menu item and confirm.

or:

  Join hunt group? **OK**

Select the menu item and confirm.

then:

Group 1
Group 2

The list of groups is displayed.



Press the Hash key. You have now left all groups.

or:



Press the Star key. You have now joined all groups.

then:



Press the On-hook key to end the process.

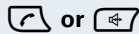
Step by Step

Ringling 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

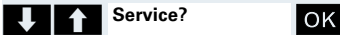
First user



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Select the menu item and confirm.



Select the menu item and confirm.

Mnu

Call the additional menu.



Confirm.



Enter the required internal phone number.

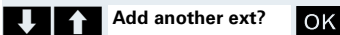
Save

Save the settings.

Other users:

Mnu

Call the additional menu.



Select the menu item and confirm.



Enter the required internal phone number.

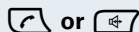
Save

Save the settings.



Press the On-hook key to end the process.

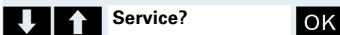
Deleting users



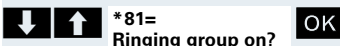
Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



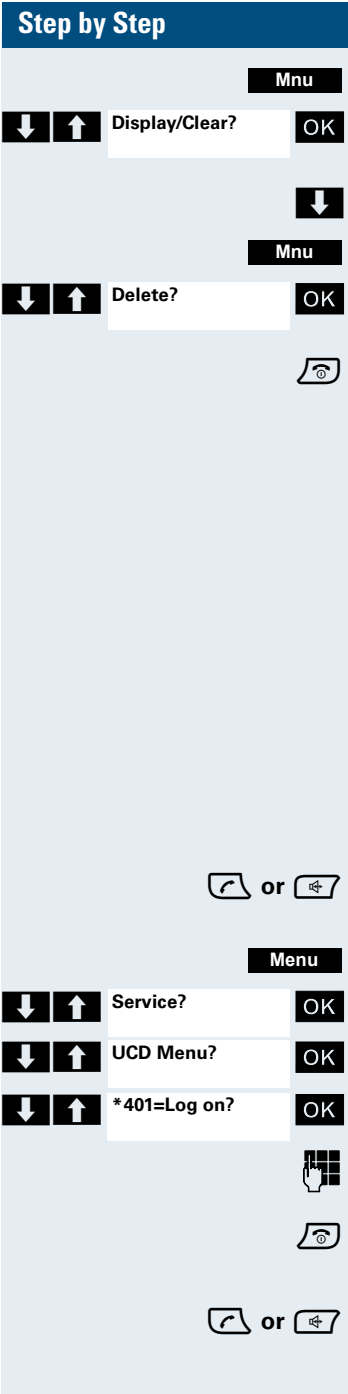
Select the menu item and confirm.



Select the menu item and confirm.

<> in group

The number of parties added is displayed.



Call the additional menu.

Select the menu item and confirm. The first user added is displayed.

Scroll to the required user.

Call the additional menu.

Select the menu item and confirm. The addition of the first user is cleared.

Press the On-hook key to end the process.

UCD (Universal Call Distribution)

This function enables calls to be distributed in a team. An incoming call is always delivered to the team member who has been idle longest. Team members can also work in separate rooms, for example, on the company's premises and at a teleworking station. The teams (call distribution groups) and team members are set up by the service engineer.

Logging on/off

You must log on and off at the system when you start/finish work.

Logging on

Press and hold down the Talk key or press the Speakerphone key.

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Select the menu item and confirm.











Enter your identifier number (assigned by the service engineer).

Press the On-hook key to end the process.

Logging off

Press and hold down the Talk key or press the Speakerphone key.

Step by Step

		Menu
		Service? 
		UCD Menu? 
		#401=Log off? 
		

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

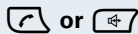
Select the menu item and confirm.

Press the On-hook key to end the process.











Logging on/off temporarily

You can log on or off at the system temporarily, for example, during break times.

Logging on



Press and hold down the Talk key or press the Speakerphone key.

		Menu
		Service? 
		UCD Menu? 
		*402=Log on? 
		

Call the system menu.

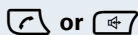
Select the menu item and confirm.

Select the menu item and confirm.











Select the menu item and confirm.

Press the On-hook key to end the process.

Logging off



Press and hold down the Talk key or press the Speakerphone key.

		Menu
		Service? 
		UCD Menu? 
		#402=Not available? 
		

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Select the menu item and confirm.

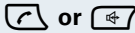
Press the On-hook key to end the process.

Step by Step

Wrap-up time

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



Press and hold down the Talk key or press the Speakerphone key.

Menu

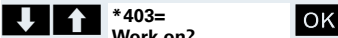
Call the system menu.



Select the menu item and confirm.



Select the menu item and confirm.

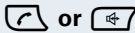


Select the menu item and confirm.



Press the On-hook key to end the process.

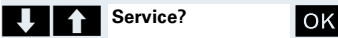
Logging back on



Press and hold down the Talk key or press the Speakerphone key.

Menu

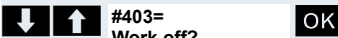
Call the system menu.



Select the menu item and confirm.



Select the menu item and confirm.



Select the menu item and confirm.



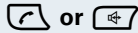
Press the On-hook key to end the process.

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.

Step by Step

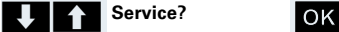


Night destination on

Press and hold down the Talk key or press the Speakerphone key.

Menu

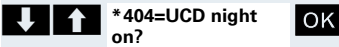
Call the system menu.



Select the menu item and confirm.



Select the menu item and confirm.

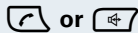


Select the menu item and confirm.



Press the On-hook key to end the process.

Night destination off



Press and hold down the Talk key or press the Speakerphone key.

Menu

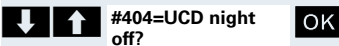
Call the system menu.



Select the menu item and confirm.



Select the menu item and confirm.



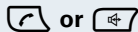
Select the menu item and confirm.



Press the On-hook key to end the process.

Checking the number of waiting calls

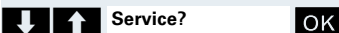
You can check the number of waiting calls for the group.



Press and hold down the Talk key or press the Speakerphone key.

Menu

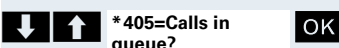
Call the system menu.



Select the menu item and confirm.



Select the menu item and confirm.



Select the menu item and confirm.



Press the On-hook key to end the process.

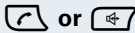
Step by Step

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

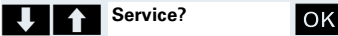
Activating/deactivating group calls



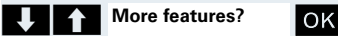
Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Select the menu item and confirm.



Select the menu item and confirm.

either:



Select the menu item and confirm.

or:



Select the menu item and confirm.

then:



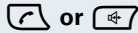
Press the On-hook key to end the process.

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.

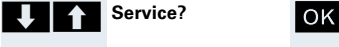
Step by Step

**Forwarding on**

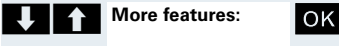
Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Select the menu item and confirm.



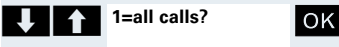
Select the menu item and confirm.



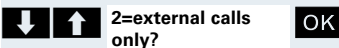
Select the menu item and confirm.



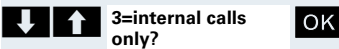
Enter a line number.

either:

Select the menu item and confirm.

or:

Select the menu item and confirm.

or:

Select the menu item and confirm.



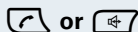
Enter the destination number.

Save

Save the settings.



Press the On-hook key to end the process.

Forwarding off

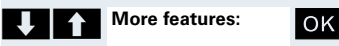
Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Select the menu item and confirm.



Select the menu item and confirm.



Select the menu item and confirm.



Enter a line number.



Press the On-hook key to end the process.

Step by Step

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.

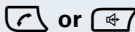
Leaving a message/advisory message

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 and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Select the menu item and confirm.

either:



Select the required advisory message.





Expand the message as necessary.

Save

Save the settings.

or:

Step by Step

  Enter message text 



Select the menu item and confirm.

Enter the required advisory message.

Typing errors can be corrected: activate delete mode by double-clicking the Hash key and then use the Hash key to delete a character.

Note:

For example, if you want to enter the third character on a key: press the relevant key three times in succession.

Save

Save the message.

then:



Press the On-hook key to end the process.

Deactivating an advisory message



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.

  Absence Text OFF? 



Press the On-hook key to end the process.

Sending/calling text messages

You can send short messages to individual internal users or to groups of internal users. These must have a handset or telephone with display.

These text messages can be selected and supplemented in part by you:

- 0 = Please callback
- 1 = Someone is waiting
- 2 = Appointment
- 3 = Urgent call
- 4 = Do not disturb
- 5 = FAX waiting
- 6 = Dictation please
- 7 = Please make copies
- 8 = Please make coffee
- 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

Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Send Message?



Select the menu item and confirm.

Message to:



Enter the phone number for the required internal user or the group.

either:



0 = Please callback
1 = Someone is waiting



Select the required advisory message.

or:



Enter message text



Select the menu item and confirm.



Enter the required text message.

Typing errors can be corrected: activate delete mode by double-clicking the Hash key and then use the Hash key to delete a character.

Note:

For example, if you want to enter the third character on a key: press the relevant key three times in succession.

then:

Send

Press the display key.



Press the On-hook key to end the process.

Opening an incoming text message

An advisory message appears and the Message key flashes when one or more text messages have been received for you. The date and time of incoming text messages are based on your communication system's clock.



Press the "message list" key.

Msg. from:
...

Mnu

Call the additional menu.



Text



Select the menu item and confirm. The text message is displayed.



Press the On-hook key to end the process.

Step by Step

Answering a message or voice-mail message

An advisory message appears and the Message key flashes when one or more information messages or voice mails have been received for you.

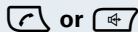
Viewing a new message

either:



Press the Message key.

or:



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Select the menu item and confirm.

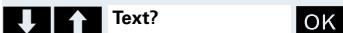


Select the required message and confirm your selection.

then:



Call the additional menu.



Select the menu item and confirm.

Mnu

Call the additional menu.



Select the menu item and confirm. The time of the message is displayed.

either:

Mnu

Call the additional menu.



Select the menu item and confirm. You call back the sender.

or:



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

then:



Press the On-hook key to end the process.

Step by Step

either:



Press the Message key.

or:



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Select the menu item and confirm.



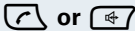
Follow the user guidance system from this point onwards.



Press the On-hook key to end the process.

Checking for an old text message

Old messages that have not been deleted cannot be displayed using the Message key . To call these messages, proceed as follows:



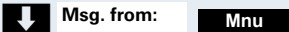
Press and hold down the Talk key or press the Speakerphone key.

Menu

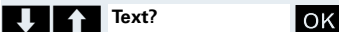
Call the system menu.



Select the menu item and confirm.



Select the required message and call the additional menu.



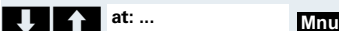
Select the menu item and confirm.



Call the additional menu.



Select the menu item and confirm. The time of the message is displayed.



Call the additional menu.

either:



Select the menu item and confirm. You call back the sender.

Step by Step



or:

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

then:



Press the On-hook key to end the process.

Caller list

If you are unable to answer an external and/or internal call, this call request is stored in a caller list. If you belong to a hunt group or group call group, these call requests are also stored.

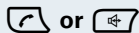
Your handset can store up to 10 calls in chronological order. Every call is given a timestamp. The display starts with the latest call request still not called. When several calls are received from one caller, the number of calls is shown.

During a call, you can save the other caller's phone number to your caller list.



Note:

If the service engineer has made the appropriate configuration, the phone numbers for all external answered calls are automatically saved.



Menu

Press and hold down the Talk key or press the Speakerphone key.

Call the system menu.

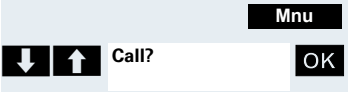


Select the menu item and confirm. The first call request is displayed.



Select a call request.

Step by Step



Calling back a caller

Call the menu.

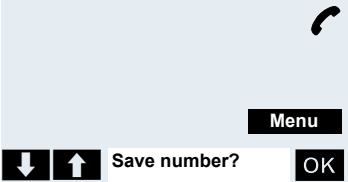
Select the menu item and confirm. The connection is set up.



Note:

If a connection is established, the user is automatically deleted from the caller list. Call requests for groups (hunt group/group call) are also deleted if a member of the group has set up the connection.

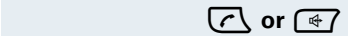
If the "Save number?" option is not displayed, all external incoming calls are automatically saved.



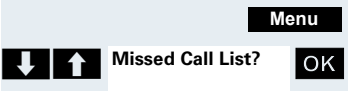
During a call, you can save the other party's phone number in your caller list, for example, to remind you to call again later.

Call the system menu.

Select the menu item and confirm. The caller's phone number is saved.

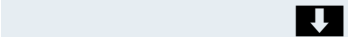


Press and hold down the Talk key or press the Speakerphone key.



Call the system menu.

Select the menu item and confirm. The first call request is displayed.



Select a call request.



Call the menu.

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



Press the On-hook key to end the process.

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.

Note:

The alarm will only sound if the handset is in idle status. There will be no alarm during a call or during automatic number redialling.

For information on setting the volume and melody: → page 21.

Activating the alarm clock

The handset is in idle status.

Open the handset's main menu.



Select the menu item and confirm.



Select the menu item and confirm.



Define settings.



Move the cursor down one line.



Enter the time, for example, 19:05 = 1905.



Save the settings.



The alarm clock is activated.



Press the On-hook key to end the process.

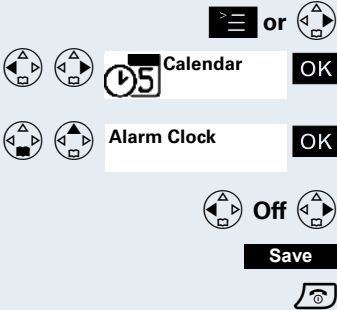
Deactivating the alarm clock

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



Press any key during an alarm call.

Step by Step



Deactivating the alarm clock

The handset is in idle status.

Open the handset's main menu.

Select the menu item and confirm.

Select the menu item and confirm.

Define settings.

Save setting.

Press the On-hook key to end the process.

Handset appointment reminder function

You can arrange your handset to remind you up to five appointments. The handset must be in idle status at the time of the appointment reminder. The appointment reminder function is deactivated during automatic number redial.

Saving an appointment

The handset is in idle status.

Open the handset's main menu.

Select the menu item and confirm.

Select the menu item and confirm.

Define settings.

Move the cursor down one line.

Enter the date, for example, 11 November = 1111.

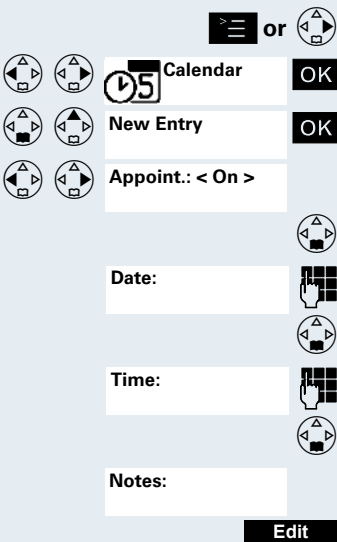
Move the cursor down one line.

Enter the time, for example, 19:05 = 1905.

Move the cursor down one line.

If applicable, enter a text.

Press the display key.



Step by Step



Enter text.



Confirm your entry.

Save

Save the settings.



The appointment reminder function is activated.



Press the On-hook key to end the process.

Confirming an appointment reminder call

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

Silent

Press the display 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 an appointment reminder

The handset is in idle status.



Open the handset's main menu.



Calendar



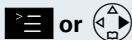
Select the menu item and confirm.



New Entry
11.11, 22:22
11.11, 23:23 ...



Select and confirm the appointment reminder that you want to deactivate.



Call the additional menu.



Edit Entry



Select the menu item and confirm. The appointment is displayed with the current settings.



Appoint.: < OFF >

Define settings.

Save

Save setting.



Press the On-hook key to end the process.

Deleting an appointment reminder or the entire list of appointment reminders

The handset is in idle status.



Open the handset's main menu.



Calendar



Select the menu item and confirm.

Step by Step

either:



Delete Entry



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

or:



Delete List



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

Yes

Confirm the security check question. The appointment reminder list is deleted.



Press the On-hook key to end the process.

Displaying an unconfirmed appointment

If you have failed to confirm an appointment reminder call, a display key is assigned the "Missed Appt." function. This unconfirmed appointment must also be saved in a missed dates list.

Appt.

Display an appointment. The date and time of the unconfirmed appointment are displayed.

Displaying an unconfirmed appointment and unconfirmed anniversaries

Any appointment reminder calls and anniversary calls you fail to confirm are stored in a missed dates list.



Open the handset's main menu.



Calendar



Select the menu item and confirm.



Missed Dates



Select the menu item and confirm.



Select the unconfirmed appointment or an unconfirmed anniversary. The relevant information is displayed.



Press the On-hook key to end the process.

Step by Step

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. Alternatively it is deleted automatically after it has been repeated 5 times at one-minute intervals.

This function can also be called by entering the code (→ page 103).

Saving an appointment

Press and hold down the Talk key or press the Speakerphone key.

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Enter the required time.

Note the required data format: Appointment at (HHMM); HH = two-digit hour setting mm = minutes, two digits For example: 0905 for 9.05 (= 9.05 a.m.) or 1430 for 14.30 (= 2.30 p.m.).

either:

Select the menu item.

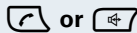
or:

Select the menu item and confirm.

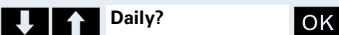
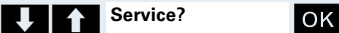
then:

Save the settings.

Press the On-hook key to end the process.



Menu



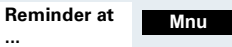
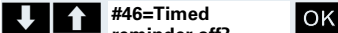
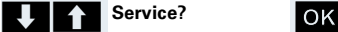
Save



Step by Step



Menu



either:



or:



Deleting/ checking entered appointments

Press and hold down the Talk key or press the Speakerphone key.

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Call the additional menu.

Select the menu item and confirm.

Select the menu item and confirm.

Press the On-hook key to end the process.

Confirming an appointment

The handset rings and the appointment is displayed.

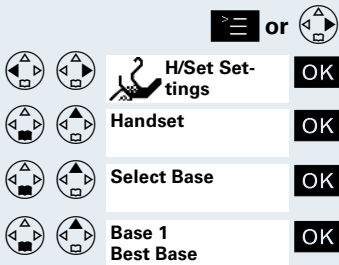


Press the Talk key.



Press the On-hook key. The appointment is confirmed.

Step by Step



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.

You can change the base name that is displayed on the handset at any time (→ page 30).

Open the handset's main menu.

Select the menu item and confirm.

Select the menu item and confirm.

Select the menu item and confirm.

Select the required base and confirm. The selected base is ticked. If you select "Best Base", the handset searches for the base that has the best reception.

Press the On-hook key to end the process.

Speed access to functions and phone numbers

You can program the left display key and the number keys 0, 2 to 9 with a phone number or function. You can then dial the phone number or start the function programmed by simply pressing the appropriate key.

Configuring speed access

either:

0 / 2 ... 9

Press the required number key briefly.

If this key is already programmed with a function, it appears on the left display key. The number key can be programmed with a new function.

Set

Press the display key.

or:

0 / 2 ... 9 /

?

Press and hold down the required number key or the left display key.

Step by Step

then: A list of functions that can be programmed on the key is displayed. The following functions are available for selection:

- Speed dialling (→ page 44)
- Call-by-call (→ page 43)
- Appointments (→ page 92)
- Alarms (→ page 91)



Quick Dial

OK

...

Select and confirm the function.

If you selected the "speed dialling" or "call-by-call" function:



Quick Dial

OK

...

Select the required phone number and confirm.

Starting a function, dialling a phone number

either:

0 / 2 ... 9

Press and hold down the number key programmed with the required function. Or press the left display key briefly.

or:

0 / 2 ... 9

Press the number key programmed with the required function briefly. The function is displayed on the left display key.

for example: Quick Dial

Press the left display key briefly.

then:

Depending on how the key is programmed, the following occurs:

- A phone number from the handset's telephone directory is dialled.
- A phone number from the call-by-call list is dialled.
- The menu associated with the programmed function is opened.

Step by Step

Telephone blocking

Handset telephone lock

You can protect your handset against unauthorised access by entering a 4-digit numerical code to lock it.

The PIN is preset to "0000" (default). The handset does not prompt for a PIN in this setting. As soon as you have changed the PIN you will need to enter it when you turn on the handset.

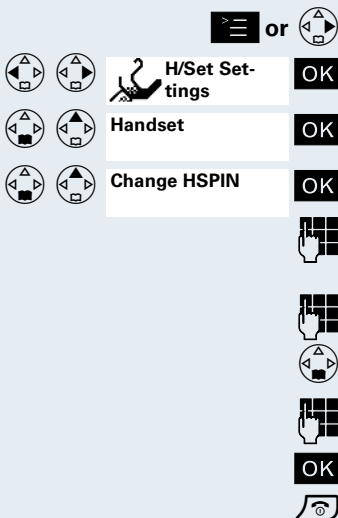
Enter the value "0000" again to deactivate the PIN.



Attention:

If you have forgotten your PIN, please contact Siemens Service. The PIN will be reset at your own expense.

Entering a new PIN



Open the handset's main menu.

Select the menu item and confirm.

Select the menu item and confirm.

Select the menu item and confirm.

Enter the old PIN. If a PIN has not yet been set, then enter "0000".

Enter the new PIN.

Move the cursor down one line.

Repeat the new PIN.

Confirm your entries.

Press the On-hook key to end the process.

Battery charging when PIN lock active

If the handset has deactivated because the batteries are flat, it automatically activates when you place it in the charging shell. The charging operation starts. If you have already set a PIN, you must enter it so that the handset can receive calls.

Step by Step

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 and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Service?

OK

Select the menu item and confirm.



*93=Change PIN?

OK

Select the menu item and confirm.



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



Enter the new PIN, for example, 11111 (5 digits).



Repeat the new PIN.



Press the On-hook key to end the process.



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, for example, 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



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Changeover on?

OK

Select the menu item and confirm.



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



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 internal calls. When an external connection is established, the following message appears on the display "Telephone Lock Active".

Your handset can also be locked from a central station (→ page 100).

Unlocking the handset



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Changeover off?

OK

Select the menu item and confirm.



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



Press the On-hook key to end the process.

Step by Step

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 and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.



Service?

OK

Select the menu item and confirm.



More features?

OK

Select the menu item and confirm.



*943=Telephone
Lock?

OK

Select the menu item and confirm.



Enter a user's phone number.

either:



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

or:



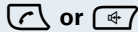
Unlock the handset. The following appears on the display: "Telephone unlocked".

Step by Step

System functions

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

Calling functions via the menu



Press and hold down the Talk key or press the Speakerphone key.

Menu

Call the system menu.

either:



Select and confirm the function.

or:



Select the menu item and confirm.



Select and confirm the function.

or:



Select the menu item and confirm.



Select the menu item and confirm.



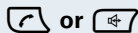
Select and confirm the function.

then:



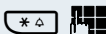
Press the On-hook key to end the process.

Calling functions via codes



Press and hold down the Talk key or press the Speakerphone key.

either:



Enter code according to table (→ page 104).

or:



























Enter code according to table (→ page 104).




























then:



Press the On-hook key to end the process.

Functions and codes

Functions	Codes
Automatic call wait.term.on	 490
Automatic call wait.trm.off	 490
Waiting tone off	 87
Waiting tone on	 87
Call waiting	 55
Caller list	
- Call	 82
- Save phone number	 82
Advisory msg. on	 69
Advisory msg. off	 69
DND on	 97
DND off	 97
UCD:	
- Log on	 401
- Log off	 401
- Work on	 403
- Work off	 403
- Available	 402
- Not available	 402
- UCD night on	 404
- UCD night off	 404
- No. of calls	 405
Override (authorised telephone only)	 62
Call trace	 84
Messages	
- Send	 68
- View sent message	 68

Functions	Codes
Conference:	
- on	 3
- off	 3
Call Charge Display	 65
Use speed dialling	 7
Change Speed Dial	 92
Toggle	 2
Tone dialling	 53
Night Service ON	 44
Night Service OFF	 44
Park	
- Park call	 56
- Retrieve call	 56
Account code	 60
Callback	 58
View callbacks	 58
Suppress phone number	 86
Temporary phone number (MSN)	 41
Restore phone number	 86
Ringing group on	 81
Hunt group/join hunt group	 85
Hunt group/leave hunt group	 85
Control Relay On	 90
Control Relay Off	 90
Change PIN	 93
Recall to Network (flash)	 51
Changeover on	 66
Changeover off	 66
Directory (system, LDAP)	 54

Functions	Codes
Tel. data service	*△ 42
Timed reminder on	*△ 46
Timed reminder off	#∇ 46
Door release ON	*△ 89
Door release OFF	#∇ 89
Door opener	*△ 61
Pickup group	*△ 57
Pickup, directed	*△ 59
Forwarding on	*△ 1
Forwarding off	#∇ 1
Trunk FWD on	*△ 64
Trunk FWD off	#∇ 64
Telephone Lock	*△ 943
Return to held call	*△ 0

Appendix

Troubleshooting

Some malfunctions can be resolved without outside intervention. The following table provides a list of such malfunctions. All other malfunctions should be reported to the relevant service personnel.

Error	Possible cause	Remedy
No display.	Handset not switched on.	Press the On-hook key until confirmation is received.
	Battery is empty.	Charge or replace the battery.
You cannot dial a phone number.	The handset is locked.	Unlock the handset.
No reaction to key-stroke.	Keypad lock activated.	Press the Hash key until confirmation is received.
	The key is stuck.	Release the key.
De-crescendo tone sequence during input.	An incorrect entry was made.	Repeat key sequence while watching the display; where applicable, consult the operating instructions.
The line "Base n" flashes (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 registered.	Register the handset.
	Intervals between synchronisation attempts are too long.	Switch off the handset and switch it back on again.
No ringer on the handset.	Ringer is deactivated.	Activate ringer.
	"Do Not Disturb" is activated.	Deactivate "Do Not Disturb".
Nothing audible during a call.	The "R key" was pressed – the microphone and the receiver inset are muted.	Press the "Delete" display key to re-activate the microphone and the receiver inset.

Error	Possible cause	Remedy
<p>The following appears immediately after the Talk key is pressed: Connect. No dial tone available; no calls can be made.</p>	<p>Communication system is being used by other users.</p>	<p>Repeat call later.</p>
<p>The following, for example, appears: Base 1 Outgoing and incoming calls and activation/deactivation are not possible.</p>	<p>Handset is blocked.</p>	<p>Remove the battery from the handset and then reinsert it. Proceed as when loading batteries for first time (→ page 16).</p>
<p>The following appears: Time exceeded</p>	<p>Maximum input time was exceeded. The On-hook key was not pressed.</p>	<p>Avoid long pauses between keystrokes. Press the On-hook key.</p>
<p>The following appears: Please try later</p>	<p>The communication system is overloaded.</p>	<p>Wait and try again later.</p>
<p>The following appears: Currently not accessible</p>	<p>Function is currently not available. No connection available under the phone number dialled.</p>	<p>Wait and try again later. Enter the phone number correctly or call the attendant console.</p>
<p>The following appears: Not possible or: Incorrect input or: Nothing stored</p>	<p>Speed dial number not available, appointment entered incorrectly, entry blocked or not allowed, prerequisite not fulfilled (for example, if there is no second partner for toggling), number dialled was incomplete.</p>	<p>Correct your input, select a permitted option, enter the phone number in full.</p>
<p>The following appears: Not authorized</p>	<p>Blocked function was called.</p>	<p>Apply to the relevant service personnel for the COS for the blocked function.</p>
<p>The following appears: Not allowed</p>	<p>Incorrect PIN was entered.</p>	<p>Enter the correct PIN.</p>

Error	Possible cause	Remedy
The following appears: Not available	Phone number was not fully entered, the Star or Hash key was not pressed.	Enter the phone number correctly or as prescribed.
The following appears: Do not disturb	Data transfer is active.	Wait and try again later.

Configuring the PC interface

Your handset can communicate with a computer.

Configuration

To complete configuration, you must:

- use a Siemens data cable to connect the headset/PC interface jack on the handset to the computer.
- install the "Siemens Data Suite" application. For more information, consult your system administrator.

Possible action

You can use the computer to perform the following action at the handset:

Read parameters:

- Software version
- Type
- Vendor code

Read and edit parameters:

- Ringer settings
- Volume settings

Read and edit lists:

- Phonebook
- E-mail directory
- Call-by-call list
- Appointments list
- Redial list

Additional actions:

- Load the screensaver
- Load melodies
- Conduct and accept calls

Data transfer mode

Certain functions necessitate the transfer of large volumes of data between the handset and the computer. When these functions are selected, the handset switches to data transfer mode and "Data Transfer" appears on the display. In this mode, no inputs are possible via the keyboard and calls are ignored.

The handset is switched to data transfer mode by:

- activating read/write access to the phonebook
- activating read/write access to the e-mail directory
- activating read/write access to the call-by-call list
- activating read/write access to the appointments list
- activating read/write access to the redial list
- loading screensavers
- loading melodies



The handset automatically switches to idle if a fault occurs in the course of transferring data.

Cleaning the handset

Removing everyday dirt

To clean the handset and the charging shell, simply wipe them with a damp or anti-static cloth. Never use a dry cloth.
Do not use abrasive cleaning agents.

After contact with liquids

1. Deactivate the handset immediately. Do NOT activate it!
2. Remove the batteries immediately. Leave the battery compartment open.
3. Allow the liquid to drain off:
 - Hold the handset in a horizontal position with the open battery compartment facing down.
 - Hold the handset in a vertical position with the open battery compartment facing down. Shake the handset gently, tilting it slightly back and forth.
 - Dab all components dry and then leave the handset in a warm spot (not beside a microwave, oven, etc...) for at least 72 hours with open battery compartment and keypad facing down.

The handset can be put back into operation once it is completely dry.

Storage/Safekeeping

When storing your handset, take care to protect its soft parts from damage by sharp objects. A protective case can help.

To order the protective case:

Mr. Sigmund Söllner
 Tel.: +49 (89) 9221 6626
 Fax: +49 (89) 9221 6599
 E-mail: sigmund.soellner@siemens.com

Documentation

These operating instructions can be found in PDF format at the following URL:

<http://www.siemens.com/hipath>

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

To view or print the operating instructions in PDF format, you need a computer on which the free Adobe Acrobat Reader program is installed.

To view the operating instructions in HTML format, you need a computer with a Web browser, for example, Microsoft Internet Explorer.

Technical data

Maximum sound pressure level as per TBR10, Annex D:	118 dB (A)
Operating and charging times:	→ page 16
Permissible ambient conditions for operation:	+5 °C to +45 °C 20 % to 75 % relative humidity
Weight incl. batteries:	approx. 110 g
Dimensions (L x W x H):	approx. 141 x 51 x 28 mm

Accessories

Charging shell (EU) incl. plug-in mains unit: S30852-H1649-R141

Charging shell (United Kingdom) incl. plug-in mains unit: S30852-H1649-V141

Plug-in mains unit (EU): C39280-Z4-C516

Plug-in mains unit (United Kingdom): C39280-Z4-C521

EU guidelines

The handset and accessories listed conform to the following EU guidelines:

- 89/336/EC "Electromagnetic Compatibility"
- 73/23/EC "Electrical apparatus for use within specific voltage parameters"

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 CETECOM 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.



Index

A

Accessories	112
Activating	2
Advisory message	84
Advisory tones	22
Alarm	91
Allocating	68
Ambient conditions	111
Anniversary	43, 46
Anonymous calling	53
Answering	
a message	87
a voice mail	87
an information message	87
Answering calls	53
Appointments	
Activating	92
Checking	96
Confirming	93, 96
Deactivating	93
Deleting	96
Displaying	94
Entering	95
Handset ~	92
System ~	95
Approved batteries	17
Attachment clip	1
Fitting	17
Audio functions	20
Auto. answer	26
Automatic call waiting	67
Automatic number redial	36
Available memory	45

B

Base	
Changing the Name Displayed	30
Selecting	97

Batteries	
Approved ~	17
Capacity	16
Charging	2, 16
Inserting	15
Operating time	16
Warning tone	32
Battery compartment cover	1
Battery tone	
Function	32
Setting	22

C

Call answering group	8
Call charge display	55
Call charges	55
Call forwarding	8
Call forwarding to a fixed destination	8
Call pickup group	8
Call trace	56
Call waiting	65
Automatic ~	67
Call waiting tone off/on	66
Callback	5
Caller list	89
Calls	
Accepting	7
Anonymous ~	53
Answering	7
Dial a phone number	3
Directed transfer	53
Making	3
Picking up	8
Rejecting	7
Capacity	16
Central telephone lock	102
Changing a phone number	44
Charge status	112
Charging shell	112
Charging time	16
Cleaning	110
Clip, fitting	17

Code programming	100
Colour scheme, setting	29
Computer	109
Conference	71
Connecting parties	73
Disconnecting	73
Ending	72
Expanding	72
Leaving	72
Setting up	71
Viewing	72
Confirmation tone	
Function	32
Setting	22
Connecting parties	73
Connection jack	1
Connection quality	2
Consultation (second line)	6
Contrast, setting	29
Control key	1, 12
Control relay	59

D

Data cable	109
Data transfer	110
Date, setting	27
DDIA with speed dialling	38
Deactivating	2
Declaration of conformity	112
Default state	31
Deleting	
Call-by-call list	45
Entry	36, 45
Phonebook	45
Redial list	36
Dialling	
A phonebook entry	44
After line seizure	3
Before line seizure	3
Preparation	3
Dialling a number	44
Dimensions	111
Directed answering of calls	53
Directed assignment of an MSN	51
Directed transfer of calls	53

Display	1
Colour scheme	29
Contrast	29
Night mode	29
Screen picture	28
Settings	28
Display keys	1, 13
Do not disturb	54
Door release	
Activating	57
Deactivating	57

E

E-mail directory	49
Emergency number	
Changing	26
Dialling	4
Entering codes	103
Entrance telephone	56
Entry	
Changing	44
Deleting	35, 36, 45
Dialling	4, 35, 36, 44
Saving	34, 43
EU guidelines	112
Everyday dirt	110
External call forwarding	60

F

Function keys	11
Functions and codes	104

G

Group call	
Activating/deactivating	75
Group functions	75
Guidelines	112

H

Handset	
Locking/unlocking	101
Locking/unlocking, other ~	102
Handset operating times	16
Hash key	1, 11
Hunt group	75

- I**
- Icons 14
 - Identification code 51
 - Individual system speed dialling 39
 - Interface 109
 - Interference with electronic equipment
 - EMC 2
- J**
- Jack for headset/PC interface 1
- K**
- Key tones
 - Function 32
 - Setting 22
 - Keypad lock 10
 - Keys
 - Control key 12
 - Display keys 13
 - Function keys 11
- L**
- Language setting
 - Handset 18
 - System 19
 - LDAP telephone database 41
 - Leaving the network/re-registering 10
 - Line seizure 3
 - Liquids 110
 - Locking/unlocking the telephone 101
- M**
- Mailbox function 84
 - Main menu 14
 - Making calls 3
 - Manual number redial 4
 - Memory 45
 - Menu icons 14
 - Message
 - Answering 87
 - Leaving 84
 - Message functions 84
 - Message key 1
 - Message list 11
 - Messages 84, 85
 - Microphone 1
 - MSN 51, 60
 - Mulap group
 - Deactivating/ activating group calls 82
 - Forwarding
 - Activating 83
 - Deactivating 83
 - Forwarding a line 82
 - Multiple subscriber number 51, 60
- N**
- Night mode, activating 29
 - Night service 62
 - Number keys 1
 - Number redial
 - Adding a phone number 37
 - Automatic 36
 - Deleting an entry/list 36
 - List 4, 36
 - Manual 4
- O**
- On hold 70
 - On/Off key 1, 11
 - On-hook key 1, 11
 - Opening/closing battery compartment .. 15
 - Override 67
- P**
- Parking 64
 - Parts of the device 1
 - PC interface 109
 - Phone number
 - Adding to the phonebook 45
 - Changing 44
 - Dialling 3
 - Dialling from the phonebook 44
 - Saving 43
 - Suppressing 53
 - Phonebook 43
 - LDAP 41
 - System ~ 40
 - Picking up a call 8
 - PIN 99, 100, 101, 102

Placing a call on hold	70
Playing a melody	23
Plug-in mains unit	112
Programming keys	97
Project code	51
Protective case	111
Protective cover	15

R

R key	l, 11, 12
Radio range	2
Range problems	2
Recall	64, 69
Receiver inset	l
Rejecting a call	7
Reset	31
Ringer loudspeaker	l
Ringing	21
Ringing group on	77

S

Safekeeping	111
Saving a phone number	43
Screen picture, setting	28
Second call	74
Second line	52
Second line (consultation)	6
Sending a signal to the network	60
Setting the ringer	21
Siemens Data Suite	109
SMS	86
Sound Manager	23
Sound pressure level	111
Speaker volume	20
Speakerphone key	l, 11
Speakerphone mode	33
Speed access to functions	97
Speed dialling	
Call-by-call key	l
Call-by-call list	43
Suffix-dialling/DDIA	38
System	37
System (individual)	39
Standby mode	16
Star key	l, 11
Storage	111

Suffix-dialling with speed dialling	38
Switching between calling parties	70
System speed dialling	37
System speed dialling, individual	39

T

Talk key	l, 11
Talk time	16
TDS telephone data service	58
Technical data	111
Telephone blocking	100
Telephone conference	71
Telephone lock	100, 102
Telephone volume	20
Temporary phone	52
Text message	86
Time, setting	27
Toggle	70
Tone dialling	63
Tones	21, 22
Transfer	68
Transferring	68
Transferring a call	68
Troubleshooting	107

U

UCD night service	80
Universal call distribution	78

V

Voice dialling	34
Volume	20

W

Warning tone	25, 71
Wrap-up time	80

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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.

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

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