UNIFY
Harmonize your enterprise

Gigaset M2 / M2 plus / M2 Ex professional in OpenScape Cordless Office

Operating Instructions

Our Quality and Environmental Management Systems are implemented according to the requirements of the ISO9001 and ISO14001 standards and are certified by an external certification company.

Contents

Safety notes

Using the Gigaset M2 Ex professional handset in potentially explosive working environments

This handset satisfies the requirements of the ATEX directive and meets the required EN and IEC standards (see the appendix in the operating manual). See also the notes in the declaration of conformity.

The Gigaset M2 Ex professional was designed for use in potentially explosive working environments (Ex zones) and in compliance with fire prevention regulations. Local and operational factors may lead to an explosive atmosphere in an Ex zone. Therefore, please note the following Ex safety notes:

Handset

- The handset may only be operated in Ex zones where it is certified. Refer to the appendix in the operating manual, the device identification and the EC type examination certificate. A copy of the prototype verification certificate ZELM 08 ATEX 0379 X is in the appendix of this operating manual.
- Users must check the handset for damage and verify that it is operating correctly before using it in the Ex zone. A damaged handset, or a handset that is not fully functional, may not be brought into or used in the Ex zone.
- The following requirements must be met to satisfy the Ex protection and IP rating IP 65 (casing protection) in an Ex zone:
  - The rubber seal must always be inserted in the handset's charging socket.
  - The battery compartment seal must be inserted (see the "Putting the handset into service" section of the operating manual).
  - The cover of the battery compartment must be tightly screwed on.
- Deactivate the handset immediately and remove it from the Ex zone if the following situations occur:
  - You notice damage to the handset.
  - If liquids have seeped into the handset.
- Repair a damaged handset immediately.
- Only Unify service employees with Ex zone training and authorisation should repair and service the handset.
- When swapping out a malfunctioning device/battery, the technician must return the malfunctioning device/battery to the manufacturer while specifying the customer data.
- Inappropriate use of the telephone will result in revocation of its certification for use in Ex zones.

Battery pack
- Only use approved Ex battery packs (see the "Permitted battery packs" section in the operating manual). Ex authorisation is only valid and the handset can only be operated if this battery pack is installed. Other battery packs are strictly prohibited. If they are used, Ex protection is no longer valid.
- Never open the handset battery compartment in an Ex zone. Battery pack removal, charging or transportation is not permitted in these zones.

Charging the battery pack
- The battery pack may only be charged:
  - outside the Ex zone
  - while inside the handset
  - using the supplied charging unit.
- The charging unit should only be used outside the Ex zone.

Headset:
- A corded headset may not be used in the Ex area. Only Ex authorised Bluetooth headsets may be used. For more information, consult your system administrator.

Using Gigaset M2 professional, Gigaset M2 *plus* professional and Gigaset M2 Ex professional

Attention:
- Do not use Gigaset M2 professional und Gigaset M2 *plus* professional handsets in potentially explosive environments!
- Please observe local safety regulations when using the handset.
- The ringer, signal tones and handsfree talking (speakerphone mode) are played over the loudspeaker. Do not hold the handset to your ear when it rings, when a signal tone is emitted or if speakerphone mode is switched on. Otherwise you may seriously impair your hearing.
- A transmitter signal is emitted by your handset. Please observe local safety regulations.
- Handsets can interfere with the operation of medical equipment. Please observe the technical requirements of the relevant environment (hospital, for instance).
- The handset can cause unpleasant humming in hearing aids.

Caution:
- To avoid mutual interference, do not operate the handset in the vicinity of electronic equipment.
- Only use the charging shell provided to charge the handset.
- If you give your handset to someone else, remember to include the operating manual with it.

Using the battery pack for Gigaset M2 professional and Gigaset M2 *plus* professional

Attention:
- Do not use a standard rechargeable battery pack. This can result in serious injury and material damage (risk of explosion, degradation of battery pack cladding, functional interference and handset damage).
- Avoid contact with fire and water.

Compliance to german BGR 139 (Personal alarm functionality)

(for Gigaset M2 *plus* professional and Gigaset M2 Ex professional only)

Notes:
- For BGR-compliant operation as a personal alarm signal device with a voice communication capability (PNG-S), the handset must operate in conjunction with a PNEZ (emergency call centre). Handset operation without PNEZ is not BGR-compliant.
- The alarm signal function cannot be deactivated by the user. Deactivation is only possible via a PNEZ control call.
- For compliance with BGR 139, the handset may only be configured by specially qualified technicians. The PNG configuration menu should be PIN-protected to prevent unauthorised configuration changes. The PIN should be kept secret.

Attention:
- The pre-alarm volume starts low and gradually rises until it becomes very loud. Users should be aware of this.
- The battery pack must always be sufficiently charged for the anticipated length of operation. The battery pack's charging capacity diminishes over its life. It should therefore be replaced by specially qualified technicians when capacity levels become insufficient (discharging speeds up over time). If necessary, consult your safety officer.

WEEE marking

Notes:
- All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
- The correct disposal and separate collection of your old appliance will help prevent potential negative consequences for the environment and human health. It is a precondition for reuse and recycling of used electrical and electronic equipment.
- For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service, the shop where you purchased the product or your sales representative.

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

Controls, parts of the device

1	Alarm key (red)	12	Jack for headset (Slim Lumberg)
2	Monitoring LED	13	Hash key
3	Receiver inset	14	Number keys
4	Display	15	On-hook and on/off key
5	Display keys	16	Message key
6	Navigation key	17	Volume key (+/-)
7	Speakerphone key	18	Stud for attachment clip*
8	Talk key	19	Battery cover
9	Star key	20	Battery cover screw
10	Microphone	21	Ringer/speakerphone loudspeaker
11	Jack for pull cord (for subsequent use)		

Operating manual

This operating manual describes your handset and how it works in your communication 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 Unify contract partner to upgrade.

Personal alarm functionality

(for Gigaset M2 *plus* professional and Gigaset M2 Ex professional only)

Both, Gigaset M2 *plus* professional and Gigaset M2 Ex professional (with *plus* accessory pack) provide a personal alarm functionality which includes additionally a voice communication facility. A device which provides this functionality is also called PNG (personal alarm device) or PNG-S (with voice communication facility).

Via emergency key, a deliberate alarm can be triggered. Non movement, man down and escape situations are detected by the sensors. These situations are signalled automatically.

The time alarm function detects whether the observed person is still able to respond. A pull cord is used in order to check whether the Gigaset M2 *plus* professional ist still situated on the body of the observed person.

Optional, Gigaset M2 *plus* professional and Gigaset M2 Ex professional monitor the following devices functions:
- "Battery charging"
- "Synchronism to the DECT base station"
- "Communication to the emergency call receiving centre (PNEZ)"

In the event of fault, a technical warning will be signalled on the handset.

The operation of these handsets with a Unify Personal Alarm Signal System (HPAS) is compliant with the german standard DIN V VDE 0825 part 1. Too, the operation is certified by the German Employer's Liability Insurance Association (Berufsgenossenschaft), and it is compliant with their BGR 139 (German Accident Prevention Regulation 139).

In order to get more information about the personal alarm functionality, please read the following operating manual:

HiPath 3000, HiPath 4000, Gigaset S310isdn professional
Personal Alarm Signal Devise
Gigaset M2 plus professional
Gigaset M2 Ex professional

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.

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, the PIN must be entered before the handset can be operated.

Please enter PIN: Enter the PIN

OK   Confirm your entry. The handset is ready to use.

Displaying the connection quality

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

D⟩⟩⟩	flashing, no reception
▶⟩⟩⟩	Low receive field strength
▶▶⟩⟩	50% receive field strength
▶▶▶⟩	75% receive field strength
▶▶▶⟩	100% receive field strength

The radio range is different indoors and outdoors
(→ Page 139). Please consult your system administrator in the event of range problems.

Charging the battery pack

You may only use the charging shell provided for the handset.

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

If the handset deactivates because the battery pack is 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 35).

Seize the line first, then dial

⌢ or ⌗ When the handset is idle: 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.

either:

⌢ 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.
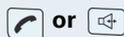
Dial first, then seize the line

Dialling preparation:

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

possibly ⟶# Insert a dial pause. A "P" appears between the digits entered. You may have to insert a pause, for example, between the prefix and the phone number or when checking a mailbox.

> **Note:**
>
> The dialling preparation function is also available with number redial and when dialling from the handset's phonebook (⟶ ▦).

Dialling:
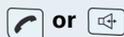
☏ **or** ◁ Press the Talk key or Speakerphone key within 30 seconds. The user will be called.

either:

☏ 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.

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 45).

▦ Enter the emergency number, for example, 112.

☏ **or** ◁ 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.

📞 When the handset is idle: Press the Talk key briefly. The redial list is displayed.
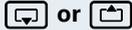
⬇ or ⬆ Select the required telephone number.

If applicable, Show If you want to see details on the selected phone number: Press the display key.

either:

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

or:

Options Open the redial menu. The menu contains the following functions (➔ Page 60):
- Copy to Directory
- Automatic Redial
- Display Number
- Delete Entry
- Delete List

⬇ ⬆ Display Number **OK** Select the menu item and confirm.

🔢 Change or complete the phone number, for example, with DDIA.
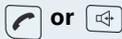
📞 or 🔊 Press the Talk or Speakerphone key briefly. The connection is set up.

Callback

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

You can also send a callback request as a message (➔ Page 109). This function can also be called by entering the code (➔ Page 134).

Step by Step

Booking a callback

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

Callbck Save the callback request.

📞 Press the On-hook key to end the operation.

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:...".
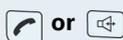
📞 **or** 🔊 Press the Talk or Speakerphone key briefly. The connection is set up.

▐▶ **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.

Deleting a callback request

📞 **or** 🔊 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 operation.

Enquiry

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

📞 You are on a call.

Activating and conducting an enquiry/consultation call

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 second user is busy or does not answer

↩ Cancel the enquiry. You are reconnected to the first partner.

During the consultation you can
• book a callback (➔ Page 17),
• activate call waiting (➔ Page 89) or
• override(➔ Page 91).

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.

However, you can also
• toggle between the partners (➔ Page 94),
• set up a conference (➔ Page 95) or
• transfer the waiting partner to the second partner (➔ Page 92).

19

Answering or rejecting a call

Answering a call

Your handset rings (➔ Page 45). 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 (only works if "Auto Answer" is active ➔ Page 45).

📞 **or** 🔊 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 92),
- place the call on hold and consult with someone else in the room (➔ Page 94),
- place the call on hold and call a second partner (➔ Page 19) in order to forward (➔ Page 92) or toggle the call (➔ Page 94) or to set up a conference (➔ Page 95).

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.

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?   **OK**   Select the menu item and confirm.

Conduct the call.

Ending a call

or   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

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

Menu   Call the system menu.

Forwarding on?   **OK**   Select the menu item and confirm.

either:

1=all calls?   **OK**   Select the menu item and confirm.

or:

Step by Step

⬇ ⬆ 2=external calls only? | OK Select the menu item and confirm.

or:

⬇ ⬆ 3=internal calls only? | OK Select the menu item and confirm.

then:

▓ Enter the destination phone number.

Save Save the settings.

☎ Press the On-hook key to end the operation.

▐▶ **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.
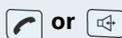
⌒ **or** ⬠ Press and hold down the Talk key or press the Speakerphone key.

Menu Call the system menu.

⬇ ⬆ Divert cancelled? | OK Select the menu item and confirm.

☎ Press the On-hook key briefly to end the operation.

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.

After leaving the radio network

The base name flashes on the display. The handset repeatedly attempts to synchronize 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 pack.

Description of controls

Function keys

The following function keys are available:

Key	Name	Use
🔘	On-hook and on/off key	• End a call • Cancel functions • Jump back to the previous menu (only following **Options**) • Activate or deactivate the handset
📞	Talk key	• Answer a call • Dial a phone number • Open the redial list • Access telephone system functions
🔊	Speakerphone key	• Answer a call • Dial a phone number • Toggle between handset to speaker-phone mode • Access telephone system functions
✉	Message key	• Access message lists
✴	Star key	• When entering a phone number: – Press quickly: enter "*" – Press and hold down: enter "R" • In editor mode (string): display all special characters • In idle status: press and hold down to activate/deactivate the ringer
#	Hash key	• When entering a phone number: – Press quickly: enter "#" – Press and hold down: insert "P" for a pause (for example, between the prefix and the phone number, or when checking a mailbox) • In editor mode (string): toggle input mode between upper case, lower case and numbers • In idle status: press and hold down to activate/deactivate the keypad lock

Key	Name	Use
	Alarm key	• Programmable speed-dialling key (just like the left display key, for instance)
	Volume key (+/-)	• Adjust the volume for ringer settings • When conducting a call: adjust the volume for calls conducted via the handset, in speakerphone mode and via the headset

Navigation key

The navigation 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	Set the ringer	Open the mobile's telephone directory	Call the system menu	Short: Open the handset's main menu Long: Initiate language selection
During a call	Set the voice/telephone volume	Open the mobile's telephone directory		Select "Loudspeaker Vol", "GAP DTMF", "Base Settings"
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-higher item in the list	Next-lower item in the list	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
◀C	Delete	Delete the entry character by character from right to left
↰	Go Back	Go back to the next highest menu level, cancel
OK	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.
Change	Change	Change the configuration
Play	Play	Play a melody
2ndCall	2ndCall	Accept call waiting
View	View	Display entry or picture
Off	Off	Deactivate automatic redial/function
End	End	End melody playback
Beep	Beep	Activate the warning tone
Yes	Yes	Confirm the security check question
Toggle	Toggle	Toggle between two partners
Options	Options	Open a context-specific handset menu
Enquiry	Enquiry	Make an enquiry/consultation
Callbck	Callback	Conduct a callback with a second partner
Silent	Silent	Confirm handset appointment reminder call
Set	Set	Set number keys

Icon	Name	Use
Save	Save	Save entries
Phonebk	Phonebook	Open the system's phonebook
Appoint.	Appoint.	Activate handset appointment reminder function
Dial	Dial	Dial the digits entered
Alarm	Alarm	Activate alarm function
Time	Time	Enter the time and date. Displayed until the time and date are set.

Additional icons can be displayed by programming the left display key with a function, for example, the name of a directory (→ Page 123).

Menu icons in the main menu

>≡

You can open the handset's main menu by pressing the "Menu" display key or by pressing the navigation key in the middle.

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

Icon	Use
♦	Open the "Data Transfer" menu. Contains the menu items "Bluetooth" and "Directory".
⏲	Open the mask for setting the alarm clock. You can enter a wake-up time here.
▱	Open the "Resource Dir." menu. Contains the menu items "Screensavers", "Caller Pictures", "Sounds" and "Available Memory".
★	Open the "Add. Features" menu. Contains the menu item "Missed Dates ".
🗊	Open "Calendar". Displays the calendar for the relevant month. It then allows you to set a new reminder. The list of fixed reminders also appears.
⬂	Open the "H/Set Settings" menu. Contains the menu items "Date/Time ", "Audio Settings", "Display", "Handset" and "Base".

◁/▷ and ▲/▼
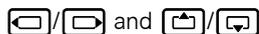
The menu icons are selected by pressing the top, bottom, right or left of the navigation key.

Putting the handset into service

Removing the protective cover

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

Ex protection and IP rating compliance

(Ex protection only applies to Gigaset M2 Ex professional)

Inserting the battery compartment seal

Insert the battery compartment seal carefully (around the battery compartment).
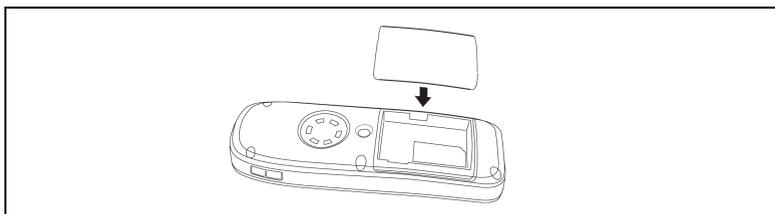
Inserting the plug into the charging socket

Insert the plug into the Slim Lumberg jack on the underside of the handset.
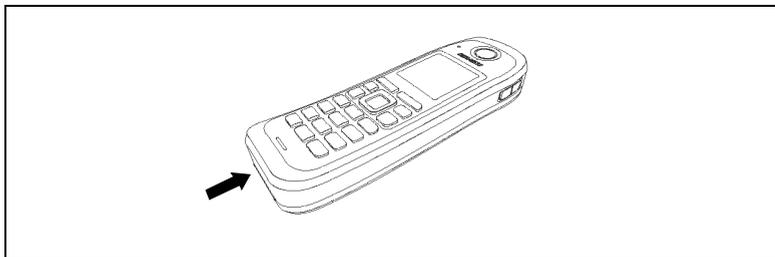
Only remove the plug when charging the handset, connecting a wired headset or connecting a data transfer cable.

Removing this plug cancels the Ex protection and IP rating. The handset should only be operated in this condition in permitted zones.

Inserting/replacing the memory card and the battery pack

The handset comes with an approved battery pack and memory card.

Battery pack

The battery pack is not charged. It is first charged in the handset.

The Ex battery pack features special electronics. Gigaset M2 Ex professional detects whether an Ex battery pack or a normal battery pack is inserted. The handset will not switch on if a normal battery pack is inserted.

Memory card

The memory card is located under the battery pack. Phonebook and calendar functions cannot be performed without the memory card.

The memory card contains the following data:
• Phonebook entries/redial list
• Calendar entries/appointments

You can transfer your memory card to a new Gigaset M2 handset if your original handset is defective. This ensures you do not lose your data.

Notes:

• Note: Please observe the safety notes.
• Ageing can diminish the battery pack capacity making it insufficient for the anticipated length of operation (discharging speeds up over time). The battery pack must be replaced by specially qualified technicians if this happens.
• Only use the approved battery pack (➔ Page 33).
• Open the battery compartment outside the Ex zone and in a dust-free environment only.
• Your telephone directory entries and all settings remain stored even if you remove the battery pack. The date and time settings will be reset.

Procedure

1. Remove the attachment clip (if fitted)

Press the tongue on the attachment clip (1) and pull the attachment clip off the stud (2).
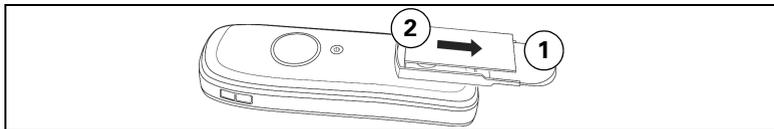
2. Open the battery compartment

1. Use a suitable Allan key to loosen and remove the battery cover screw (1).

2. Insert a suitable screwdriver into the recess between the housing and the battery cover, twist it, and then raise the battery cover (2).

3. Slide the battery cover downwards away from the housing (3).
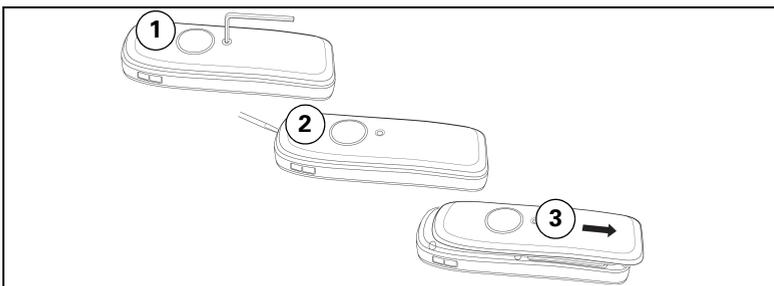
3. Insert/replace battery pack and memory card

1. Remove any old battery packs (1). If necessary, slide the memory card out of the retainer and remove it (2). Lift the memory card out of the positioning device.

2. Insert the memory card and slide it into the retainer until it snaps into place (3). Make sure to line up the notched corner when positioning the memory card in the retainer.

3. Insert the new battery pack [at a slant, head first and with the contacts facing down] (4). Then press it down into the compartment until the battery pack's positioning clip firmly snaps into place (5).
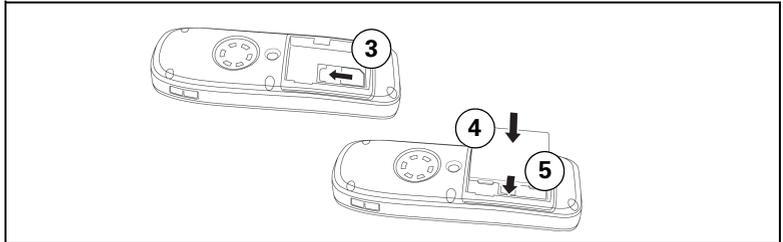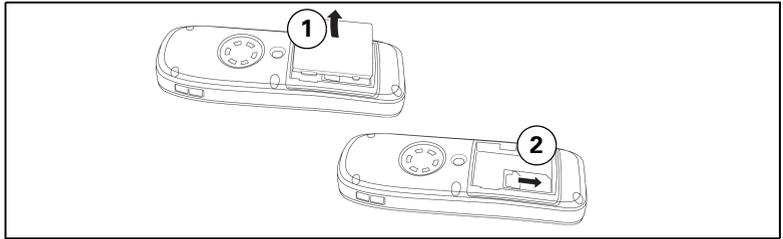
4. Closing the battery compartment

1. Slide the battery cover upwards over the housing (1).

2. Press the battery cover down until it snaps into place (2).

3. Insert the Allan key and make sure the screw is securely tightened (3).
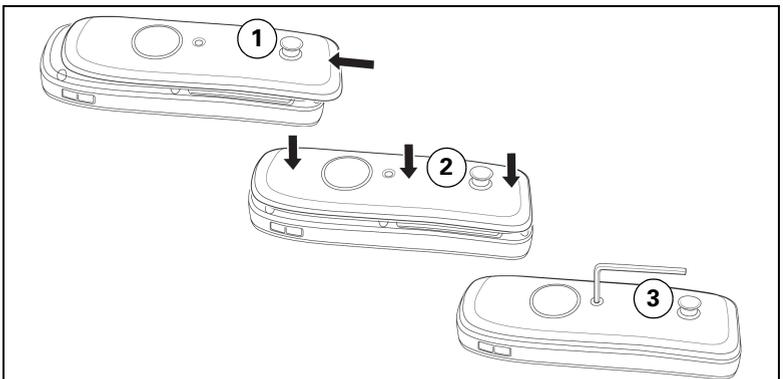
5. Fit the attachment clip

Push the attachment clip onto the stud until it snaps into place.
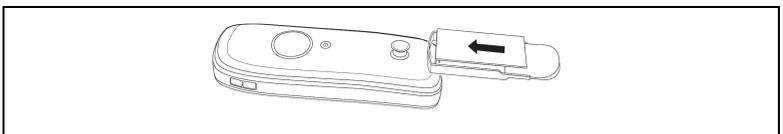
Charging and using the battery pack

To charge the battery pack, first remove the plug from the charging socket and then insert the handset into the charging shell with the keypad facing forwards:

- Initial charging: charge the battery pack for at least 10 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 battery pack.
- To attain full operating and charging times (➔ Page 33) – use the handset without replacing it in the charging shell until the "battery low" beep is heard.
- For future charging: you can replace your handset in the charging shell each time it has been used. Charging is electronically controlled which ensures that the battery pack is charged optimally.

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

⬜	Battery pack is flat
◧	Battery pack is approx. 1/3 charged
◨	Battery pack is approx. 2/3 charged
⬛	Battery pack is fully charged

After charging, replace the plug in the charging socket for compliance with the Ex protection and IP rating.

Battery pack operating times and charging time

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

Capacity (mAh)	Stand-by mode (hours)	Talk time (hours)	Charging time (hours)
1000 (original battery pack)	approx. 380 (16 days), prerequisite: no backlight	approx. 12	approx. 3.7

The handset's standby time is significantly increased by deactivating the backlight.

Permitted battery packs

Only the original Unify battery pack is permitted for the handset.

Battery pack	Part number
For Gigaset M2 professional: Lithium-Ion, 1000 mAh	A5B00075416005
For Gigaset M2 Ex professional: Lithium-Ion, 1000 mAh, including electronic components)	A5B00075609027

Danger of explosion:

Local and operational factors may lead to an explosive atmosphere in an Ex zone. Never open the handset battery compartment in an Ex zone.

Attention:

For Gigaset M2 Ex professional: Only use approved Ex battery packs (see the "Permitted battery packs" section in the operating manual). Ex authorisation is only valid and the handset can only be operated if this battery pack is installed. Other battery packs are strictly prohibited. If they are used, Ex protection is no longer valid.

Step by Step

Fitting the attachment clip

The handset comes with a second battery cover that features a stud for the attachment clip. Fit the attachment clip as follows:

1. Open the battery compartment

2. Replace the battery cover

Replace the battery cover you removed with the one with the stud.

3. Close the battery compartment

4. Fit the attachment clip

Setting the handset display language

If your preferred language for the handset's display texts is not set by default, then you can set it yourself. The language of the communication system's display texts can only be set by the administrator.

Opening the main menu

Open the handset's main menu.

Opening the first submenu

either:

H/Set Settings **OK** Select the menu icon and confirm.

or:

Einstellungen **OK** Select the menu icon and confirm.

Opening the second submenu

either:

Handset **OK** Select the menu item and confirm.

or:

Mobilteil **OK** Select the menu item and confirm.

Opening the third submenu

either:

Language **OK** Select the menu item and confirm.

or:

Sprache **OK** Select the menu item and confirm.

Step by Step

Selecting a language

Deutsch **OK** Select and confirm the language you require.
English
Francais Press the On-hook key to end the operation.
Italiano
Espanol
Portugues
Nederlands

Note:
- If you inadvertently set a display language that you do not understand, press "■ 8 4 1" and then select the correct language.
- If you want to reset the default display language: → Page 52.

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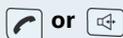
or Press and hold down the Talk key or press the Speakerphone key.

Menu Call the system menu.

Service? **OK** Select the menu item and confirm.

More features? **OK** Select the menu item and confirm.

*48=
Select language? **OK** Select the menu item and confirm.

11=German
... **OK** Select and confirm the language you require.

Press the On-hook key to end the operation.

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. Five volume levels are possible.
  Attention: Volumes 4 and 5 are designed for noisy environments (high-pitched, loud background noise)
• Volume in speakerphone mode. Five volume levels are possible. You can only change the speakerphone volume if the speakerphone is active (➔ Page 54).

📞 You are on a call.

either:

🔲 Open the menu for setting the volume.

or:

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

🔲🔲 Handset Volume **OK** Select the menu item and confirm.

then: Either the "Handset Volume " menu is displayed in handset mode or the "Handsfree Volume" menu is displayed in speakerphone mode.

SIEMENS	SIEMENS
___Handset Volume	___Handsfree
Volume: ◄■■■□□►	Volume: ◄■■■□□►
↺ Save	↺ Save
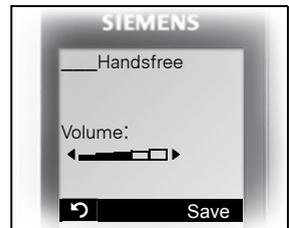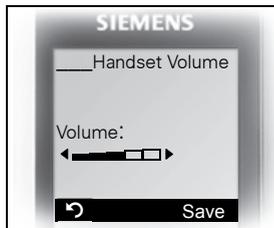
🔲🔲 Define settings.

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

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 125) and manage them on the handset (→ Page 40). 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.

You can activate distinctive ringing tones on your handset to help you differentiate between calls and appointments:
• Ext. Calls
• Internal calls
• Appointments
• All

≥ Open the handset's main menu.

↓ ↑ **H/Set Settings** **OK** Select the menu icon and confirm.

↓ ↑ Audio Settings **OK** Select the menu item and confirm.

↓ ↑ Ringer Settings **OK** Select the menu item and confirm.

↓ ↑ Ext. Calls
Internal Calls
Appointments
All **OK** Select the required menu item and confirm. The input mask, for example, for external calls is displayed.
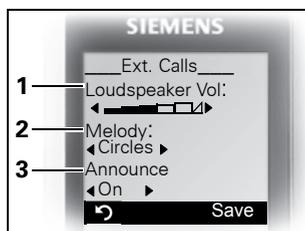
1 Ringer volume

2 Ringer melody

3 Announce the caller name by playing back the speech pattern saved

▢ ▢ Set volume.

▢ Move the cursor down one line.

... etc.

Step by Step

> 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	• Confirmation tone (crescendo tone sequence) when saving inputs/settings and when placing the handset in the charging shell • Error beep (decrescendo tone sequence) to signal incorrect inputs • End-of-menu beep at the menu end
Battery tone	The battery pack needs to be charged

Open the handset's main menu.

H/Set Settings **OK** Select the menu icon and confirm.

Audio Settings **OK** Select the menu item and confirm.

Advisory Tones **OK** Select the menu item and confirm. The input mask, for example, for advisory tones, is displayed.

SIEMENS

___Advisory Tones___
1 — Key Tones:
   ◄On   ►
2 — Confirm.:
   ◄On   ►
3 — Battery:
   ◄On   ►
   ↰   Save
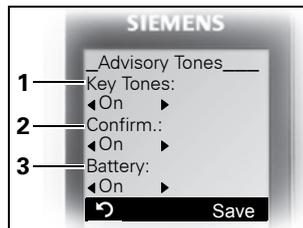
1 Key tone status

2 Confirmation tone status

3 Battery tone status

Define settings.

Move the cursor down one line.

...

Save Save the settings.

Press the On-hook key to end the operation.

Setting the vibration alert

Open the handset's main menu.

H/Set Settings **OK** Select the menu icon and confirm.

Audio Settings **OK** Select the menu item and confirm.

Vibration ☐ **OK** Select the menu item and confirm. The vibration alert is activated or deactivated depending on the previous setting. The status is displayed in the check box (unmarked = off).

Setting ringing tones and pictures with resource directory

Your handset's resource directory is used to manage sounds that you can set as ringing tones and pictures that you can use as screensavers.

The resource directory can manage the following media types:

Icon	Media type	Format
🔔	Monophone ringing tones	Standard
🎵	Polyphone ringing tones	Standard
🎵	Polyphone ringing tones	.mid
☐	Picture (screensaver)	BMP (128 x 100 or 128 x 160 pixels)

The icon is displayed in the resource directory before the name. Your handset comes with a number of mono- and polyphone sounds pre-installed. You cannot rename or delete pre-installed sounds marked by a padlock.

Step by Step

You can download sounds (in .mid format) and pictures from a PC (➔ Page 125). These files can be up to 32 KB in size.

You can listen to existing sounds and rename or delete sounds that you transferred to the handset over data cable and saved in the resource directory.

Viewing pictures/playing sounds

⌐≡		Open the handset's main menu.
▢ ▢ ◻ Resource Dir.	OK	Select the menu icon and confirm.
▢ ▢ Screensavers Caller Pictures Sounds	OK	Select the required menu item and confirm.
▢ ▢		Select the entry.
Play or **Show**		Press the display key. Sounds are played back or pictures are displayed.
End or ↻		Press the display key. The handset finishes playing the sound or displaying the picture.

While playing back sounds, you can use the ▭ key to interrupt playback.

☎ Press and hold down the On-hook key to end the operation. The telephone reverts to idle mode.

If an error message appears

An error message appears after you select a sound or a picture if you saved the sound/image in an invalid file format. Press ↻ to interrupt the operation. Press **Delete** to delete the sound or the picture.

Step by Step

Setting the sound volume during playback

Options or ⬜ Open the menu.

⬜⬜ Loudspeaker Vol ... **OK** Select the menu item and confirm. The volume can be set to five different levels in the input mask.

⬜⬜ Adjust the volume.

Save Save setting.

Renaming a sound/picture

⬜ Open the handset's main menu.

⬜⬜ 📁 Resource Dir. **OK** Select the menu icon and confirm.

⬜⬜ Screensavers Caller Pictures Sounds **OK** Select the required menu item and confirm.

⬜⬜ Select the entry.

Options Open the menu.

⬜⬜ Rename **OK** The name of the entry can be modified. Length: up to 16 characters. Then confirm your entry.

📞 Press the On-hook key to end the operation.

Deleting sounds/pictures

A sound or a picture that cannot be deleted is marked with 🔒. In this case, the functions listed below are not available.

⬜ Open the handset's main menu.

⬜⬜ 📁 Resource Dir. **OK** Select the menu icon and confirm.

⬜⬜ Screensavers Caller Pictures Sounds **OK** Select the required menu item and confirm.

⬜⬜ Select the entry.

Options Open the menu.

either:

⬜⬜ Delete Entry **OK** Select the menu item and confirm. The selected entry will be deleted.

Step by Step

⊡ ⊡ Delete List　OK　Select the menu item and confirm. All deletable entries in the list are deleted.

A deleted ringing tone is automatically replaced. A deleted ringing tone for VIP calls or anniversaries is not automatically replaced.

⌾　Press the On-hook key to end the operation.

Checking the available memory

You can show how much memory is left as well as how much is used for screensavers, CLIP pictures and sounds.

▤　Open the handset's main menu.

⊡ ⊡ 📁 Resource Dir.　OK　Select the menu icon and confirm.

⊡ ⊡ Available Memory　OK　Select the menu item and confirm. The amount of memory available/used is displayed:

```
SIEMENS
____Available
1 — Free: 13%
Caller Pictures: 0%
Screensavers: 62%
2 — Sounds: 25%
↺           OK
```
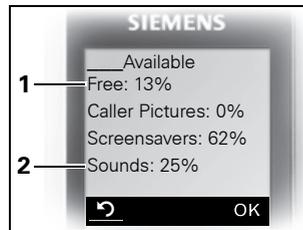
1 13% of the available memory is free.

2 25% of the available memory is used for sounds.

↺ **or** OK　Press the display key. The display ends.

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

`* ⌂` Hold down the key until a confirmation tone is emitted.

Reactivate the ringer after the call so that the handset uses the ringer to signal the next call.

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
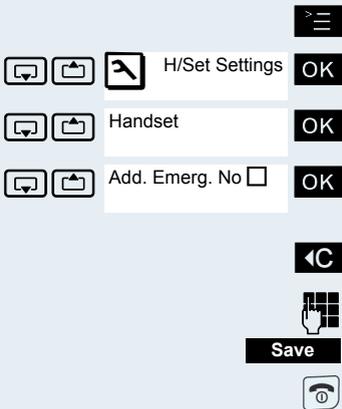
▣   Open the handset's main menu.

⬇️ ⬆️   🔧   H/Set Settings   **OK**   Select the menu icon and confirm.

⬇️ ⬆️   Handset   **OK**   Select the menu item and confirm.

⬇️ ⬆️   Add. Emerg. No ☐   **OK**   Select the menu item and confirm. If the check box is unmarked, then there is no emergency number set.

◀C   Delete the old emergency number.

▦   Enter the new emergency number.

Save   Save setting.

🔚   Press the On-hook key to end the operation.

Activating/deactivating automatic call answering

This function allows you to accept calls by removing the handset from the charging shell.
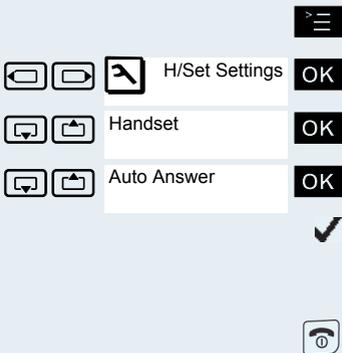
▣   Open the handset's main menu.

◀ ▶   🔧   H/Set Settings   **OK**   Select the menu icon and confirm.

⬇️ ⬆️   Handset   **OK**   Select the menu item and confirm.

⬇️ ⬆️   Auto Answer   **OK**   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 operation.

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.

H/Set Settings   OK   Select the menu icon and confirm.

Date/Time   OK   Select the menu item and confirm.

or: If the date and time have not yet been set:

Time   Press the display key.

then:

Enter the date, for example, 09/22/2005 = 220905.

Move the cursor down one line.

Enter the time, for example, 07:05 = 0705.

Save   Save the settings.

Press the On-hook key to end the operation.

> **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. You can set the screensaver (screen picture), the colour scheme, the contrast and the display lighting. You can also change the name displayed for the base station.

Screensaver

You can set a screensaver 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 screensaver is not displayed during a call or if the handset is logged off.

☰ Open the handset's main menu.

▽ △ 🔧 H/Set Settings OK Select the menu icon and confirm.

▽ △ Display OK Select the menu item and confirm.

▽ △ Screensaver OK Select the menu item and confirm. The mask for activating and setting the screensaver is displayed.

Activation: ▭ **On** ▭ Enable or disable activation.

either:

View The active screensaver is displayed.

or:

▽ Move the cursor down one line.

Selection: ▭ **Beach** ▭ Select a picture, for example "Beach".
Tip: If you select the "Clock" screensaver, the time is shown in large digits on the display.

Edit The selected screensaver is activated.

then:

Save Save the settings.

☎ Press the On-hook key to end the operation.

Step by Step

Colour scheme

Four 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.

If you change to a different colour scheme during a setting, it is immediately previewed to show how it will appear later for all menus.

⌲ Open the handset's main menu.

⬇⬆ 🔧 H/Set Settings OK Select the menu icon and confirm.

⬇⬆ Display OK Select the menu item and confirm.

⬇⬆ Colour Scheme OK Select the menu item and confirm. The colour scheme selected is displayed.

⬇⬆ Selecting the colour scheme.

OK Confirm your selection.

Save Save setting.

☎ Press the On-hook key to end the operation.

Contrast

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

⌲ Open the handset's main menu.

⬇⬆ 🔧 H/Set Settings OK Select the menu icon and confirm.

⬇⬆ Display OK Select the menu item and confirm.

⬇⬆ Contrast OK Select the menu item and confirm. The mask for setting the contrast is displayed.

◁ ▷ Set the contrast.

Save Save setting.

☎ Press the On-hook key to end the operation.

Step by Step

Lighting

You can set whether the display should light up when the handset is in the charging shell or if it is out of the charging shell.
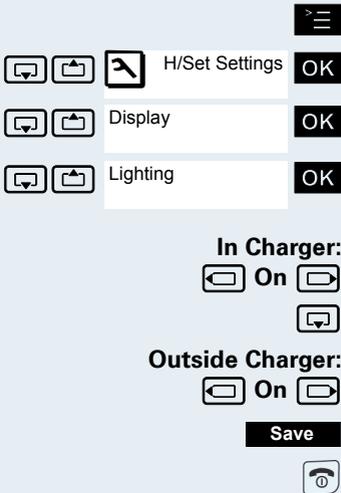
≧   Open the handset's main menu.

▽ △ 🔧 H/Set Settings   OK   Select the menu icon and confirm.
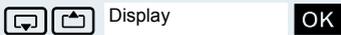
▽ △ Display   OK   Select the menu item and confirm.

▽ △ Lighting   OK   Select the menu item and confirm. The mask for setting lighting is displayed.

In Charger: Enable or disable activation.
◁ **On** ▷

▽   Move the cursor down one line.
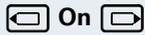
Outside Charger: Enable or disable activation.
◁ **On** ▷

Save   Save setting.

☎   Press the On-hook key to end the operation.
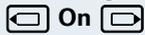
Base station name

You can change the base station name that is displayed in idle status. The handset must be registered at the corresponding base.
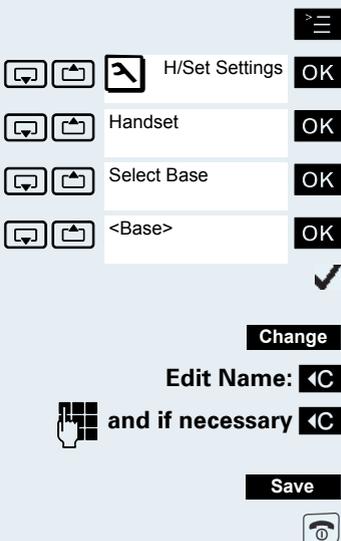
≧   Open the handset's main menu.

▽ △ 🔧 H/Set Settings   OK   Select the menu icon 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 operation.

Step by Step

Press and hold down 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 (where applicable) or the phone number dialled when you call a user (depending on the software version). In this case, the name of the base station only reappears after the handset has been switched off and back on again.

Step by Step

Setting the conversion list for vCard transfer

Phone numbers are usually specified as follows in e-mail programs, such as, Microsoft Outlook: +49 (05251) 820776. The handset is unable to use this format, however, to dial the phone number. If the phone number above is a local fixed network number, it is converted to 0820776, for instance, when dialled. The conversion pairs are defined in the conversion table and can be modified if they deviate from the default values.

Consult your system administrator about the conversion rules that apply to your handset.

Defining conversion pairs

▧≡ Open the handset's main menu.

🔲🔲 🔧 H/Set Settings **OK** Select the menu icon and confirm.

🔲🔲 Handset **OK** Select the menu item and confirm.

🔲🔲 Area Codes **OK** Select the menu item and confirm. The conversion table is displayed. It is predefined for the country in question and may be displayed in the following format:

1 The country code "49" is replaced by "00"

2 The area code, for instance "05251" (blank in this example), is replaced by "0"

▦ Change entry.
Press the up/down navigation key to navigate to another input field; Press the left/right navigation key to move the cursor within an input field.

Save Save setting.

📞 Press the On-hook key to end the operation.

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
System registration	is retained
Phonebook	is retained
Redial list	is deleted

If the handset was configured as PNG-S (Personal alarm devise with voice communication facility), the PNG service PIN is required for:
• Reset Handset
• Select Base
• Register H/Set
• PNG Configuration

Resetting

Open the handset's main menu.

H/Set Settings OK Select the menu icon and confirm.

Handset OK Select the menu item and confirm.

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

Please enter
PNG Service PIN:

If the personal alarm functionality was activated, it is protected by the PNG Service PIN. Please contact your system administrator!

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

> **Note:**
>
> For information about deleting the telephone directory see: → Page 68.

Default settings

Setting	Explanation/notes	Levels	Default state
Audio Settings	Ringer volume	5	3
	Ringer melody, external	10 (+20)	1
	Ringer melody, internal	10 (+20)	3
	Warning tone	-	off
	Handset volume	5	3
	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
	Warning tone, audible approximately 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
Lighting	Dim the display.	-	on*
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.	-	-

*: The display's backlight is deactivated at the factory. The display automatically activates when you press a key or when an incoming call is received.

**: The screen picture in Gigaset M2 Ex professional is activated at the factory. The Ex icon is displayed.

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:

Remove the handset from your ear.

⌨ 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.

Note:

If you wish to replace the handset in the charging shell during a call, for example, because the battery pack is flat, hold down the Speakerphone key to prevent the call from being cleared down.

Setting the speakerphone volume

The volume can be set during a call (→ Page 37).

Conducting calls with the headset

Gigaset M2 professional and Gigaset M2 plus professional can be used with a corded and cordless headset. **Gigaset M2 Ex professional can only be used with a cordless headset**.

Corded headset

You can connect a corded headset via the jack on the underside of the handset (**Attention!** This does only apply to the Gigaset M2 professional and Gigaset M2 plus professional). The headset must have a Slim Lumberg connector.

The receiver inset and microphone functions are activated on the headset once it is connected.

Cordless headset

You can use a cordless, Bluetooth headset with your handset. This means your hands are free while making calls, and there are no annoying cables, for example, when you are working at your computer or when you are on the road.

Danger:

Only BT headsets with the appropriate Ex protection rating are permitted in potentially explosive atmospheres.

Step by Step

Your Bluetooth headset must be registered on your handset before you can use it for the first time. After this, you can continue to use your Bluetooth headset until you decide to de-register it.

> **Note:**
> - Theoretically, third parties can tap Bluetooth connections.
> - To improve protection against unauthorised tapping, de-register any Bluetooth devices you no longer require.

You can use voice dialling to initiate a call from your Bluetooth headset.

During a call, a second caller is not signalled at the Bluetooth headset.

Registering a Bluetooth headset at the handset

Set the headset to login mode (see the user manual supplied with your headset).

Open the handset's main menu.

◇ Data Transfer　OK　Select the menu icon and confirm.

Bluetooth　OK　Select the menu item and confirm. The Bluetooth menu is displayed.

Search Headset　OK　Select the menu item and confirm. The handset searches for a Bluetooth headset and sets up a wireless connection. The name of the devices found are displayed. **Note:** This function is not available in monitoring mode.

Found Devices
S55 Headset　Select the required headset.

Options　Open the handset's menu

Trust Device　OK　Select the menu item and confirm.

agreed PIN:　OK　Enter and confirm the Bluetooth PIN for your headset (see the user manual supplied with your headset). The device is recorded in the list of known devices.

Activation ☐　OK　The Bluetooth interface is automatically activated on your handset.

☑　The active Bluetooth function is ticked.

Step by Step

Conducting calls via the Bluetooth headset

Activating the Bluetooth headset during a call

If the handset is in dial or call mode (see → Page 15 for information on setting up a call), the Bluetooth headset can assume the receiver inset and microphone functions.

Press the Talk key on the Bluetooth headset (see the user manual supplied with your headset).

Accepting a call on the Bluetooth headset

The headset uses a call tone to signal an incoming call. Press the Talk key on the Bluetooth headset (see the user manual supplied with your headset).

Deactivating the Bluetooth headset during a call

You are conducting a call via the Bluetooth headset.
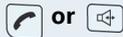
⌒ **or** ◁ Press the Talk key or Speakerphone key on the handset. The Bluetooth headset is deactivated. You can continue the call directly on the handset.

De-registering the Bluetooth headset at the handset

To improve protection against unauthorised tapping, de-register the Bluetooth headset at the handset if you no longer wish to use it.

≥≡ Open the handset's main menu.

▽ △ ◇ Data Transfer **OK** Select the menu icon and confirm.

▽ △ Bluetooth **OK** Select the menu item and confirm. The Bluetooth menu is displayed.

▽ △ Trusted Devices S55 Headset **OK** Select the menu item and confirm. The name of the registered or detected Bluetooth headset is displayed.

Options Open the handset's menu

▽ △ Delete Entry **OK** Select the menu item and confirm. The Bluetooth headset is de-registered and can no longer be detected by the handset.

Voice dialling

With the voice dialling function, you can dial a number simply by saying the partner's name. You do not need to manually dial a phone number. For this function, you will need to record a voice pattern, in other words, your voice saying the name will be saved in the handset.

You can save up to 29 voice patterns for telephone directory entries.

The voice dialling function can also be used with a Bluetooth headset.

Recording a voice pattern for an existing telephone directory entry

You should record your voice pattern in a quiet environment. There should be about 25 cm between you and the handset. The voice pattern can be up to 1.5 seconds long.

Note:

> If you perform voice dialling mainly over a headset, we recommend recording the voice pattern via the headset.

Open the handset's phonebook.

Select the required entry.

Options Open the handset's phonebook menu.

Record Name
... **OK** Select the menu item and confirm.

Say the name when the relevant prompt is displayed. Repeat the name after being prompted again. The voice pattern will be saved automatically.

The entry saved with a voice pattern is marked in the handset's phonebook as a voice dialling entry.

Press the On-hook key to end the operation.

Step by Step

Dialling a phone number with voice dialling

Press and hold down the navigation 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.

Options Open the handset's phonebook menu.

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

Press the On-hook key to end the operation.

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 **OK** Select the menu item and confirm.

Press the On-hook key to end the operation.

> **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 (→ Page 17).

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.

Options Open the redial menu.
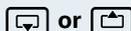
🔽🔼 Automatic Redial **OK** Select the menu item and confirm. Automatic redial is activated.

either:

📞 The user answers and you conduct the call.
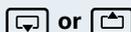
or:

Off 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.

Options Open the redial menu.

either:

🔽🔼 Delete Entry **OK** Select the menu item and confirm. The telephone number is deleted.

or:

Step by Step

⃝⃝ **Delete List** `OK`   Select the menu item and confirm. The redial list is deleted.

📞   Press the On-hook key to end the operation.

Adding a telephone number to the redial list

During dial preparation, you can add a number from your handset's redial list to your phonebook.

📞   Press the Talk key briefly. The redial list is displayed.
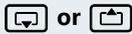
⃝ **or** ⃝   Select the required telephone number.

Options   Open the redial menu.

⃝⃝ **Copy to Directory** `OK`   Select the menu item and confirm. The phonebook is displayed.

⃝⃝ **New Entry** `OK`   Select the menu item and confirm. The following selection mask appears:

```
            SIEMENS
   Insert number
   999
   to:
1 ──── ☎
2 ──── 🔲
3 ──── ▯
                        OK
```
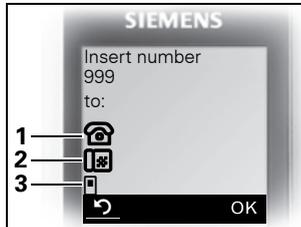
1 Phone

2 Phone (Office)

3 Phone (Mobile)

⃝⃝   Mark the line where you want to insert the phone number.

`OK`   Confirm your entry.

⃝⃝ 🖐   Enter the remaining contact information, such as the first name and surname. For further information, see → Page 68 and → Page 69.

61

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

[phone] or [speaker]   Press and hold down the Talk key or press the Speaker-phone key.

Menu   Call the system menu.

[↓] [↑] Service?   **OK**   Select the menu item and confirm.

[↓] [↑] *7=Use speed dialing?   **OK**   Select the menu item and confirm. This function can also be activated directly by entering the appropriate code (→ Page 134).

[keypad]   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.

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.
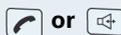
[phone] or [speaker]   Press and hold down the Talk key or press the Speaker-phone key.

Menu   Call the system menu.

[↓] [↑] Service?   **OK**   Select the menu item and confirm.

Step by Step

↓ ↑ *7=Use speed dialing? `OK` Select the menu item and confirm.

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

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

System speed dialling, individual

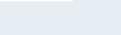You can save up to ten external phone numbers as speed dialling destinations for your handset in your communication system. These speed dialling destinations are dialled using a 2-digit code (*0 to *9). Please note that you may need to save an external code in front of the phone number.

This function can also be called by entering the code (→ Page 134).

Setting up an individual speed dialling destination
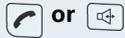
⌒ **or** 🔊 Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

↓ ↑ Service? `OK` Select the menu item and confirm.

↓ ↑ *92=Change Speed Dial? `OK` Select the menu item and confirm.

Abb. dial no: ↓ Call the first destination.

↓ Call the next destination.

Mnu Call the additional menu.

↓ ↑ Change entry? `OK` 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 operation.

Step by Step

Dialling an individual speed dialling destination

📞 **or** 🔊 Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

⬇ ⬆ Service? **OK** Select the menu item and confirm.

⬇ ⬆ ∗7=Use speed dialing? **OK** Select the menu item and confirm.

Abb. dial no:

∗⌂ ▦ Enter the code for the speed dialling destination.

System telephone directory

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

Calling the system telephone directory

📞 **or** 🔊 Press and hold down the Talk key or press the Speaker-phone key.

Phonebk 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

OK Confirm your selection. The selected number is called.

Quitting the redial list

↩ Press the display key.

⊪➤ **Note:**

Phone numbers dialled from the "System tele-
phone directory" are not stored in the redial list.

Telephone database (LDAP)

If your company has an LDAP telephone database and
access to it is configured in your communication sys-
tem, you can query it with your handset. This LDAP tel-
ephone 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 ac-
cessed over the LDAP Internet protocol (Lightweight
Directory Access Protocol).

This function can also be called by entering the code
(→ Page 134).

Activating the LDAP telephone database

📞 **or** 🔊 Press and hold down the Talk key or press the Speaker-
phone key.

Phonebk Press the display key.

If applicable:

⬇ ⬆ | 2=LDAP | **OK** If more than one telephone directory is configured: Se-
lect 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 charac-
ters). Partial entries are accepted, for example, "mei" for
Meier. The more characters entered, the more precise
the search result.

Step by Step

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:

⬇ ⬆ Delete Character?　**OK**　If you wish to delete an incorrect letter entered by mistake: Select the menu item and confirm.

then:

⬇ ⬆ Search?　**OK**　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?　**OK**　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?　**OK**　If you wish to scroll forward: Select the menu item and confirm.

⬇ ⬆ Scroll Previous?　**OK**　If you wish to scroll backward: Select the menu item and confirm.

⬇ ⬆ Call?　**OK**　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?　**OK**　Select the menu item and confirm. You can now change your search entry.

Step by Step

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

or:

⬇ ⬆ Show results?   **OK**   Select the menu item and confirm. The hit list is displayed.

The handset's phonebook

You can store up to 250 entries in the phonebook.

You can send a phonebook entry as a vCard to your computer over the data cable. You can therefore transfer the phonebook entry directly to the address book of your e-mail program (Microsoft Outlook). Entries can also be transferred in vCard format from the computer to your handset.

MPM software (Mobile Phone Manager) is required for exchanging data in this way (→ Page 125).

Phonebook:

You can save contact information for 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 the following contact information for every entry in the phonebook:

Information	Explanation
First Name*, Surname	A name must be entered in at least one of the fields. Each name can contain up to 16 characters.
Phone, Phone(Mobile)*, Phone (Office)*	A number must be entered in at least one of the fields. Each number can contain up to 32 digits.
E-Mail*	E-mail address with up to 60 characters. The special character "@" can be inserted after pressing the asterisk key.
Anniversary	You can select either "On" or "Off". If "On" is selected: • Anniversary (Date): Day/month/year, 8 digits* • Anniversary (Time): Hour/minute, 4 digits, for reminder call • Anniversary (Signal): Type of signalling, acoustic or visual (time specification not necessary)
CLIP picture*	Displays a picture for an incoming call when CLIP is active. **Note:** This function is not supported by the system and should therefore not be used.
VIP Entry	VIP mark and VIP ringing tone. Reached by pressing **Options** .

* = new for vCard format

Step by Step

Saving an entry

📵 When the handset is idle: Open the phonebook.

🔽🔼 New Entry **OK** Select the menu item and confirm. The input mask is displayed. The line where you can enter information is marked active with [...].

🔡 Enter the relevant information, see above.

🔽🔼 Jump to the next line.

... etc.

Functions for text input:

⌗	Switches mode from abc to Abc, from Abc to 123 and from 123 to abc
	If predictive text is off: press the key briefly.
	If predictive text is on: press and hold down the key.
◀C	Deletes the letter to the left of the cursor.
✱	Opens the table of special characters.

Save Save the settings.

📵 Press the On-hook key to end the operation.

Changing the sequence of entries:

The phonebook entries are generally sorted in alphabetical order by surname. Spaces and digits have first priority here. If the phonebook only contains a subscriber's first name, this is listed instead of the surname in the sequence.

The sort sequence is as follows:

1. Space

2. Digits (0 - 9)

3. Letters (alphabetical)

4. Other characters

If you want to change the sequence of entries in the alphabetical list, you could insert a space or a digit before the first letter of the surname. These entries then move to the top of the phonebook. Names preceded by an asterisk are listed at the end of the phonebook.

Step by Step

Finding and dialling an entry

When the handset is idle: Open the phonebook.

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 key. The assigned phone number is dialled.

or:

`Options` Open the menu.

`Display Number` `OK` Select the menu item and confirm. The number is displayed.

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

Press and hold down the Talk key.

Viewing an entry

When the handset is idle: Open the phonebook.

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.

`Show` Press the display key. The entry's data is displayed.

`OK` Confirm to return to the list.

Press the On-hook key to end the operation.

Changing an entry

When the handset is idle: Open the phonebook.

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:

Step by Step

Show   **Edit**   Press the display keys one after the other. The entry's data is displayed.

or:

Options   Open the menu.

⬓ ⬔ Edit Entry   **OK**   Select the menu item and confirm. The entry's data is displayed.

then:

🎛   Enter changes.

Options   Open the menu.

⬓ ⬔ Save Entry   **OK**   Save the entry.

⬱   Press the On-hook key to end the operation.

Marking a VIP (Very Important Person) entry

▮▶ **Note:**

An incoming call for a VIP-marked entry is not signalled with a VIP ringing tone because HiPath Cordless Office does not support this function.

⬓   When the handset is idle: Open the phonebook.

⬓ ⬔   Select the required entry.

Options   Open the menu.

⬓ ⬔ VIP Entry   **OK**   Select the menu item and confirm. The input mask for marking a VIP entry is displayed.

VIP: ⬅ **On** ➡   Activate the VIP marking.

⬓   Move the cursor down one line.

Melody: ⬅ **Circles** ➡   Select a melody, for example, "Circles".

⬱   Press the On-hook key to end the operation.

71

Step by Step

Deleting an entry or phonebook

▢ When the handset is idle: Open the phonebook.

▢ ▢ Select the required entry.

Options Open the menu.

either:

▢ ▢ Delete Entry   **OK** Select the menu item and confirm. The telephone number is deleted.

or:

▢ ▢ Delete List   **OK** Select the menu item and confirm. A security check question appears.

Yes Confirm the security check question. The phonebook is deleted.

▢ Press the On-hook key to end the operation.

Displaying available memory

▢ When the handset is idle: Open the phonebook.

▢ ▢ Select any entry.

Options Open the menu.

▢ ▢ Available Memory   **OK** Select the menu item and confirm. The amount of memory used and available is displayed.

▢ Press the On-hook key to end the operation.

Copying the entire phonebook or individual entries

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.

Restrictions when copying over the communication system

The entries in the handset's phonebook are stored in vCard format (➔ Page 68). The communication system, however, uses another format. This can cause loss of phonebook entry information. The features that are new for the vCard format are indicated by an asterisk (= new for vCard format) in the table on ➔ Page 68. The phone numbers are not affected.

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.

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 can be downloaded by any handset.
- 99 – the list or entry is sent to the communication system and can then can only be downloaded by your handset.

OK Confirm your entry. The list or entry is sent.

Step by Step

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.

📞 **or** 🔊   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 operation.

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.
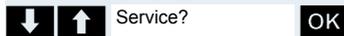
📞 **or** 🔊   Press and hold down the Talk key or press the Speakerphone key.

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 operation.

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.
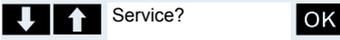
This function can also be called by entering the code (→ Page 134).

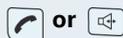|	
☎ or 🔊	Press the Talk or Speakerphone key.
Menu	Call the system menu.
⬇ ⬆ Service? **OK**	Select the menu item and confirm.
⬇ ⬆ *41=Temporary MSN? **OK**	Select the menu item and confirm.
MSN no.: 111 ⌨	Enter the required multiple subscriber number.
111: ⌨	Enter the required external phone number. The phone number is dialled.
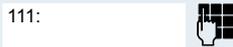
Making calls using identification codes

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 134).

☎ or 🔊	Press the Talk or Speakerphone key.
Menu	Call the system menu.
⬇ ⬆ Service? **OK**	Select the menu item and confirm.

Step by Step

⬇ ⬆	*60= Account code?	**OK**

Select the menu item and confirm.

Project Code:	📟

Enter the required account code (optional).

Save

Save the settings.

Please dial.	📟

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 134).

📞 **or** 🔊	

Press and hold down the Talk key or press the Speaker-phone key.

Menu

Call the system menu.

⬇ ⬆	Service?	**OK**

Select the menu item and confirm.

⬇ ⬆	*508=Temporary Phone?	**OK**

Select the menu item and confirm.

Home Extn. no:	📟

Enter the internal phone number for the relevant line.

PIN no : <Name>	📟

Enter the code (lock code) for the relevant line (→ Page 131).
If there is no personal code for the relevant line, the system will prompt you to enter the code.

<Name>: ...	📟

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

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

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

or 📞 | 🔊   Press and hold down the Talk key or press the Speakerphone key.

Menu   Call the system menu.

⬇ ⬆   Suppress call ID?   **OK**   Select the menu item and confirm.

Call ID suppressed   ☎   Press the On-hook key to end the operation.

Activating the phone number display

or 📞 | 🔊   Press and hold down the Talk key or press the Speakerphone key.

Menu   Call the system menu.

⬇ ⬆   Restore caller ID?   **OK**   Select the menu item and confirm.

Call ID restored   ☎   Press the On-hook key to end the operation.

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 134).

Another telephone rings.

or 📞 | 🔊   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.

⬇ ⬆   *59=Pickup - directed?   **OK**   Select the menu item and confirm. The called user is displayed.
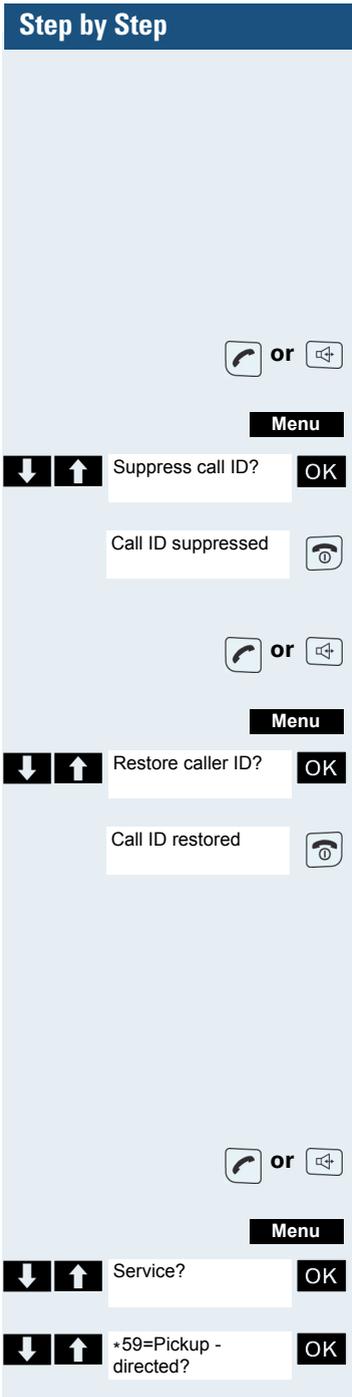
Step by Step

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

📞 **or** 🔊 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 operation.

Step by Step

Deactivating do not disturb

or Press and hold down the Talk key or press the Speaker-phone 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 operation.

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 134).

or Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

Service? **OK** Select the menu item and confirm.

*65=Show call charges? **OK** Select the menu item and confirm.

Press the On-hook key to end the operation.

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 134).

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 operation.

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 five-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 134).

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?   **OK**   Select the menu item and confirm.

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

☎ **or** 🔊   Press and hold down the Talk key or press the Speaker-phone key.

Menu   Call the system menu.

Service?   **OK**   Select the menu item and confirm.

*61=Open door?   **OK**   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 operation.

Activating the door release

This function only works if it has been configured by the service engineer.
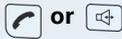
☎ **or** 🔊   Press and hold down the Talk key or press the Speaker-phone key.

Menu   Call the system menu.

Service?   **OK**   Select the menu item and confirm.

*89=Door release ON?   **OK**   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.

OK   Confirm your entries.

🔴   Press the On-hook key to end the operation.

Step by Step
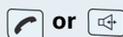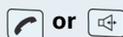
> **Note:**
>
> Standard code 00000. To change the code, confirm option "3=change password". Follow the user guidance system.

Deactivating the door release

⌒ **or** ⊲) 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 operation.

TDS telephone data service

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

This function can also be called by entering the code (→ Page 134).
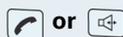
⌒ **or** ⊲) Press and hold down the Talk key or press the Speakerphone key.

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 operation.

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 134).

Activating a control relay
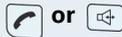
📞 **or** 🔊	Press and hold down the Talk key or press the Speakerphone key.
Menu	Call the system menu.
⬇ ⬆ Service? **OK**	Select the menu item and confirm.
⬇ ⬆ *90=Control Relay On? **OK**	Select the menu item and confirm.
▦	Follow the user guidance system from this point onwards. Enter the required switch code (1... 4).
☎	Press the On-hook key to end the operation.

Deactivating a control relay

📞 **or** 🔊	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.
⬇ ⬆ #90=Control Relay Off? **OK**	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 operation.

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 134).

📞   You have an external connection.

Menu   Call the system menu.

⬇️⬆️   Service?   OK   Select the menu item and confirm.

⬇️⬆️   *51=Recall to Net-work?   OK   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"

📞 **or** 🔊   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.

⬇️⬆️   Trunk FWD on?   OK   Select the menu item and confirm.

⌨️ OK   Enter and confirm your own multiple subscriber number.
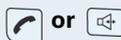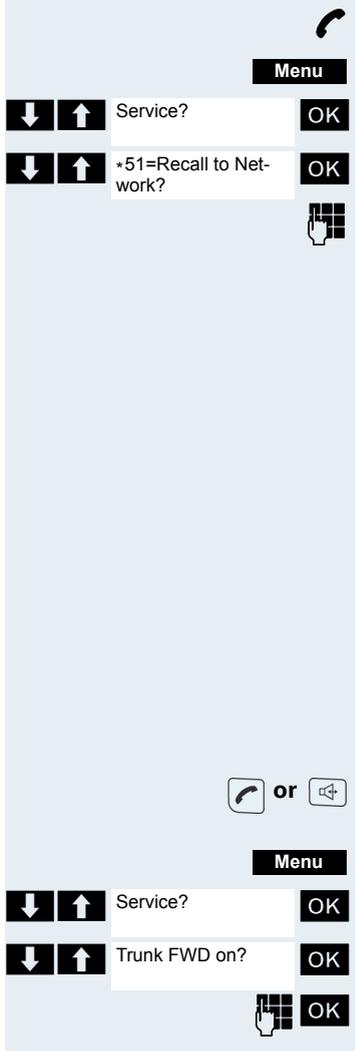
Step by Step

either:

⬇ ⬆   1=immediate?   **OK**   Select the menu item and confirm.

or:

⬇ ⬆   2=on no answer?   **OK**   Select the menu item and confirm.

or:

⬇ ⬆   3=on busy?   **OK**   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"
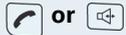
📞 **or** 🔊   Press and hold down the Talk key or press the Speakerphone key.

Menu   Call the system menu.

⬇ ⬆   Service?   **OK**   Select the menu item and confirm.

⬇ ⬆   Forward by Network OFF?   **OK**   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).

OK   Confirm your entries.

⊙   Press the On-hook key to end the operation.

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
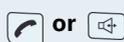
⌒ **or** ⊲ Press and hold down the Talk key or press the Speakerphone key.

Menu Call the system menu.

⬇ ⬆ Night answer on? **OK** Select the menu item and confirm.

either:

⬇ ⬆ *=standard? **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 operation.

Deactivating night service
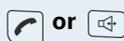
⌒ **or** ⊲ Press and hold down the Talk key or press the Speakerphone key.

Menu Call the system menu.

⬇ ⬆ Night Service - OFF? **OK** Select the menu item and confirm.

☎ Press the On-hook key to end the operation.

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 manual 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   Call the system menu.

⬇ ⬆ Service?   **OK**   Select the menu item and confirm.

⬇ ⬆ *53=Tone dialling?   **OK**   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.

Menu Call the system menu.

⬇ ⬆ Service? **OK** Select the menu item and confirm.

⬇ ⬆ *56=Park a call? **OK** 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 stand-by status.

📞 **or** 🔊 Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

⬇ ⬆ Service? **OK** Select the menu item and confirm.

⬇ ⬆ #56=Retrieve call? **OK** 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)".

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 94) or
- set up a conference (→ Page 95).

Ending the second call

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
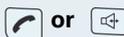
📞 **or** 🔊 Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

⬇ ⬆ Waiting tone off? **OK** Select the menu item and confirm.

📞 Press the On-hook key to end the operation.

Activating the call waiting tone

📞 **or** 🔊 Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

⬇ ⬆ Waiting tone on? **OK** Select the menu item and confirm.

📞 Press the On-hook key to end the operation.

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
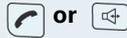
or ☐ Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

⬇ ⬆ Service? **OK** Select the menu item and confirm.
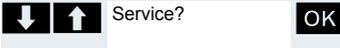
⬇ ⬆ Call wait.term.off? **OK** Select the menu item and confirm.
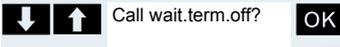
🔘 Press the On-hook key to end the operation.

Enabling the call waiting tone
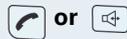
or ☐ Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

⬇ ⬆ Service? **OK** Select the menu item and confirm.

⬇ ⬆ Call wait.term.on? **OK** Select the menu item and confirm.
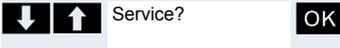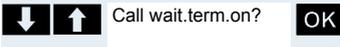
🔘 Press the On-hook key to end the operation.

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.

✱ 6 2 Call the function.

Override 📱 Enter the phone number of the busy user.

<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.

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

Menu Call the system menu.

⬇ ⬆ Return to held call? **OK** Select the menu item and confirm.
You are reconnected to the partner.

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.

Viewing the conference parties list

Mnu Call the additional menu.

⬇️⬆️ View conf parties? **OK** Select the menu item and confirm. The first party is displayed.

Step by Step

⬇ View other parties.

Closing the conference party list

Mnu Call the additional menu.

⬇ ⬆ Exit list?   **OK** 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.

Menu Call the system menu.

⬇ ⬆ View conf parties?   **OK** Select the menu item and confirm. The first party is displayed.

⬇ Display the required party.

Mnu Select the menu item and confirm.

⬇ ⬆ Remove party?   **OK** 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.

Menu Call the system menu.

⬇ ⬆ Withdraw?   **OK** 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.

Using the second call function

The second call is an incoming call that is signalled on your handset during a call and can be queried by you (for example, → Page 89).

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.

Note:

A second call is not signalled on the Bluetooth headset.

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 134).

You belong to a hunt group or group call group

Use this function to leave or re-join the hunt group or group.
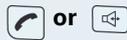
⌒ or ◁   Press and hold down the Talk key or press the Speakerphone key.

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 operation.

Step by Step

You are a member of several groups

Leaving and re-joining individual groups
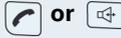
📞 **or** 🔊   Press and hold down the Talk key or press the Speaker-phone key.

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   **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 operation.

Leaving and re-joining all groups

📞 **or** 🔊   Press and hold down the Talk key or press the Speaker-phone 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 operation.

Ringing group on

You can have calls to your handset signalled acoustically on up to five other telephones. The call is received by the person who answers the call first.

Adding users to a group

First user

`⌒` or `⊲)`	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.
⬇ ⬆ *81= Ringing group on? **OK**	Select the menu item and confirm.
Mnu	Call the additional menu.
Add ext to group? **OK**	Confirm.
⬚	Enter the required internal phone number.
Save	Save the settings.

Other users:

Mnu	Call the additional menu.
⬇ ⬆ Add another ext? **OK**	Select the menu item and confirm.
⬚	Enter the required internal phone number.
Save	Save the settings.
`☎`	Press the On-hook key to end the operation.

Deleting users

⌒ or ⏻ Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

⬇ ⬆ Service? **OK** Select the menu item and confirm.

⬇ ⬆ *81=
Ringing group on? **OK** Select the menu item and confirm.
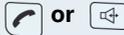
<x> in group The number of parties added is displayed.

Mnu Call the additional menu.

⬇ ⬆ Display/Clear? **OK** Select the menu item and confirm. The first user added is displayed.

⬇ Scroll to the required user.

Mnu Call the additional menu.

⬇ ⬆ Delete? **OK** Select the menu item and confirm. The addition of the first user is cleared.

⏻ Press the On-hook key to end the operation.

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

⌒ or ⏻ Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

Step by Step

⬇ ⬆ Service?	OK	Select the menu item and confirm.
⬇ ⬆ UCD Menu?	OK	Select the menu item and confirm.
⬇ ⬆ *401=Log on?	OK	Select the menu item and confirm.

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

☎ Press the On-hook key to end the operation.
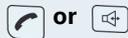
Logging off

📞 **or** 🔊 Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

⬇ ⬆ Service?	OK	Select the menu item and confirm.
⬇ ⬆ UCD Menu?	OK	Select the menu item and confirm.
⬇ ⬆ #401=Log off?	OK	Select the menu item and confirm.

☎ Press the On-hook key to end the operation.

Logging on/off temporarily

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

Logging on

📞 **or** 🔊 Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

⬇ ⬆ Service?	OK	Select the menu item and confirm.
⬇ ⬆ UCD Menu?	OK	Select the menu item and confirm.
⬇ ⬆ *402=Log on?	OK	Select the menu item and confirm.

☎ Press the On-hook key to end the operation.

Logging off

📞 **or** 🔊 Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

⬇ ⬆ Service?	OK	Select the menu item and confirm.

Step by Step

↓ ↑ UCD Menu?	OK	Select the menu item and confirm.
↓ ↑ #402=Not available?	OK	Select the menu item and confirm.
	☎	Press the On-hook key to end the operation.

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

📞 **or** 🔊		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.
↓ ↑ UCD Menu?	OK	Select the menu item and confirm.
↓ ↑ *403= Work on?	OK	Select the menu item and confirm.
	☎	Press the On-hook key to end the operation.

Logging back on

📞 **or** 🔊		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.
↓ ↑ UCD Menu?	OK	Select the menu item and confirm.
↓ ↑ #403= Work off?	OK	Select the menu item and confirm.
	☎	Press the On-hook key to end the operation.

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
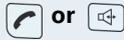
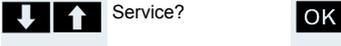### Night destination on

☎ **or** 🔊   Press and hold down the Talk key or press the Speaker-phone key.

Menu   Call the system menu.
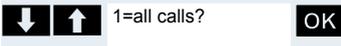
⬇ ⬆ Service?   **OK**   Select the menu item and confirm.

⬇ ⬆ UCD Menu?   **OK**   Select the menu item and confirm.

⬇ ⬆ *404=UCD night on?   **OK**   Select the menu item and confirm.

🔘   Press the On-hook key to end the operation.
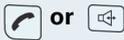
### Night destination off

☎ **or** 🔊   Press and hold down the Talk key or press the Speaker-phone key.

Menu   Call the system menu.

⬇ ⬆ Service?   **OK**   Select the menu item and confirm.

⬇ ⬆ UCD Menu?   **OK**   Select the menu item and confirm.

⬇ ⬆ #404=UCD night off?   **OK**   Select the menu item and confirm.

🔘   Press the On-hook key to end the operation.

Checking the number of waiting calls

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

☎ **or** 🔊   Press and hold down the Talk key or press the Speaker-phone key.

Menu   Call the system menu.

⬇ ⬆ Service?   **OK**   Select the menu item and confirm.

⬇ ⬆ UCD Menu?   **OK**   Select the menu item and confirm.

⬇ ⬆ *405=Calls in queue?   **OK**   Select the menu item and confirm.

🔘   Press the On-hook key to end the operation.

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
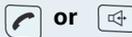
| ☎ **or** 🔊 | Press and hold down the Talk key or press the Speakerphone key. |

| **Menu** | Call the system menu. |

| ⬇ ⬆ Service? | **OK** | Select the menu item and confirm. |

| ⬇ ⬆ More features? | **OK** | Select the menu item and confirm. |

either:

| ⬇ ⬆ #85=Leave hunt group? | **OK** | Select the menu item and confirm. |

or:

| ⬇ ⬆ *85=Join hunt group? | **OK** | Select the menu item and confirm. |

then:

| ☎ | Press the On-hook key to end the operation. |

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
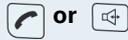
Forwarding on

⌒ **or** ◁) Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

⬇ ⬆ Service? **OK** Select the menu item and confirm.

⬇ ⬆ More features: **OK** Select the menu item and confirm.

⬇ ⬆ *501=Forward Line: On? **OK** Select the menu item and confirm.
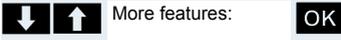
▦ Enter a line number.

either:

⬇ ⬆ 1=all calls? **OK** Select the menu item and confirm.

or:

⬇ ⬆ 2=external calls only? **OK** Select the menu item and confirm.

or:
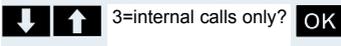
⬇ ⬆ 3=internal calls only? **OK** Select the menu item and confirm.

▦ Enter the destination number.

Save Save the settings.

☎ Press the On-hook key to end the operation.

Forwarding off

⌒ **or** ◁) Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

⬇ ⬆ Service? **OK** Select the menu item and confirm.

⬇ ⬆ More features: **OK** Select the menu item and confirm.

⬇ ⬆ #501=Forward Line: Off? **OK** Select the menu item and confirm.
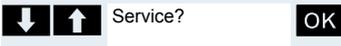
▦ Enter a line number.

☎ Press the On-hook key to end the operation.

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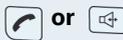
☎ or ⊲   Press and hold down the Talk key or press the Speakerphone key.

Menu   Call the system menu.

⬇ ⬆   Advisory msg. on?   **OK**   Select the menu item and confirm.

either:

⬇ ⬆   0 = Will return at: **OK**   Select the required advisory message.
   1 = On vacation until:

If necessary 📱   Expand the message as necessary.

Save   Save the settings.

or:

⬇ ⬆   Enter message text   **OK**   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 operation.

Deactivating an advisory message
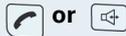
or   Press and hold down the Talk key or press the Speakerphone key.

Menu   Call the system menu.

Absence Text OFF?   **OK**   Select the menu item and confirm.

Press the On-hook key to end the operation.

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

⌒ or ◁⌣ Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

⬇ ⬆ Send Message? **OK** Select the menu item and confirm.

Message to: 📱 Enter the phone number for the required internal user or the group.

either:

⬇ ⬆ 0 = Please callback **OK** Select the required advisory message.
1 = Someone is wai-
ting

or:

⬇ ⬆ Enter message text **OK** 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 operation.

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

📞 Press the On-hook key to end the operation.

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.
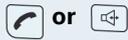
or:

📞 or 🔊 Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

⬇️ ⬆️ Display Messages? **OK** Select the menu item and confirm.
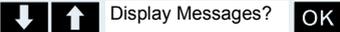
⬇️ **OK** Select the required message and confirm your selection.

then:
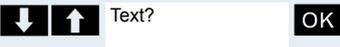
Msg. from: ... **Mnu** Call the additional menu.

⬇️ ⬆️ Text? **OK** Select the menu item and confirm.

Mnu Call the additional menu.

⬇️ ⬆️ Time/date sent? **OK** Select the menu item and confirm. The time of the message is displayed.

either:

Mnu Call the additional menu.
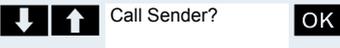
⬇️ ⬆️ Call Sender? **OK** Select the menu item and confirm. You call back the sender.

or:

⬇️ ⬆️ Delete? **OK** Select the menu item and confirm. The entry is deleted.

then:

📴 Press the On-hook key to end the operation.

Step by Step

Checking for a new voice-mail message

either:

✉ Press the message key.

or:

📞 **or** 🔊 Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

⬇ ⬆ Display Messages? **OK** Select the menu item and confirm.

⌨ Follow the user guidance system from this point on-wards.

☎ Press the On-hook key to end the operation.

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:

📞 **or** 🔊 Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

⬇ ⬆ Display Messages? **OK** Select the menu item and confirm.

⬇ Msg. from: **Mnu** Select the required message and call the additional
... menu.

⬇ ⬆ Text? **OK** Select the menu item and confirm.

⬇ ⬆ <Text> **Mnu** Call the additional menu.

Time/date sent? **OK** Select the menu item and confirm. The time of the
message is displayed.

⬇ ⬆ at: ... **Mnu** Call the additional menu.

either:

⬇ ⬆ Call Sender? **OK** Select the menu item and confirm. You call back the
sender.

or:

⬇ ⬆ Delete?   **OK**   Select the menu item and confirm. The entry is deleted.

then:

☎   Press the On-hook key to end the operation.

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.

Selecting a call request

📞 **or** 🔊   Press and hold down the Talk key or press the Speakerphone key.

Menu   Call the system menu.

⬇ ⬆ Caller list?   **OK**   Select the menu item and confirm. The first call request is displayed.

⬇   Select a call request.

Step by Step
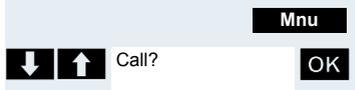
Calling back a caller

Mnu

Call the menu.

↓ ↑ Call? **OK**

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.
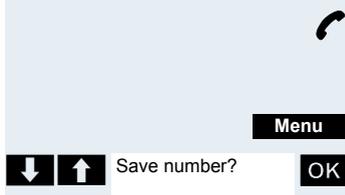
Adding a caller to the caller list

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.

Menu

Call the system menu.

↓ ↑ Save number? **OK**

Select the menu item and confirm. The caller's phone number is saved.
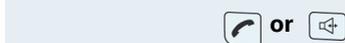
Deleting a caller from the caller list

☎ **or** 🔊

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

Menu

Call the system menu.

↓ ↑ Missed Call List? **OK**

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

↓

Select a call request.

Mnu

Call the menu.

↓ ↑ Delete? **OK**

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

🔴

Press the On-hook key to end the operation.
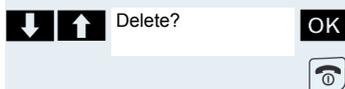
Additional functions

Handset alarm clock function

When the alarm clock is activated, it rings every day or every day from Monday to Friday at the set time. The melody set for an incoming call is used for the alarm. The alarm clock is deactivated during automatic number redial.

Note:

The alarm will only sound with the set melody if the handset is in idle status. During a call or automatic number redial, the alarm is only signalled by a short tone.

For information on setting the volume and melody: → Page 38.

Activating the alarm clock

The handset is in idle status.

Open the handset's main menu.

Alarm Clock   OK   Select the menu icon and confirm. The input mask for setting the alarm is displayed.
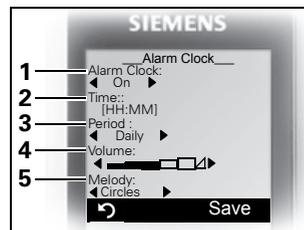
1 Alarm activation: on/off

2 Time in the format [HH:MM], for example, 19:05 = 1905

3 Alarm rings every day or only Monday - Friday

4 Volume can be set to five different levels + crescendo ring

5 Melodies managed in the resource directory

On   Define settings.

Move the cursor down one line.

Enter the time.

Move the cursor down one line.

... etc.

Step by Step

Save Save the settings.

🔕 The alarm clock is activated.

📞 Press the On-hook key to end the operation.

Deactivating an alarm/repeating after a pause

The alarm rings for 60 seconds. The following appears on the display: ⏱. If you do not press anything, the alarm repeats after five minutes and then deactivates.

During the alarm:

either:

Off Press the display key. The alarm deactivates.

or:

Snooze Press the display key or any key. The alarm deactivates and is repeated after five minutes. The alarm is repeated twice and then permanently deactivated.

Deactivating the alarm clock

The handset is in idle status.

≡ Open the handset's main menu.

🔽 🔼 ⏱ Alarm Clock **OK** Select the menu icon and confirm. The input mask for setting the alarm is displayed.

Activation: ▭ **Off** ▭ Define settings.

Save Save setting.

📞 Press the On-hook key to end the operation.

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.

Calendar   **OK**   Select the menu icon and confirm. The current month's calendar is displayed with the current day marked.

OK   Select and confirm the required day for the new appointment reminder. The input mask for entering a new appointment reminder appears.

New Entry   **OK**   Select the menu item and confirm.

Appoint.: < On >   Define settings.

Move the cursor down one line.

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

Move the cursor down one line.

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

Move the cursor down one line.

Text: Enter the name for the appointment reminder.

If applicable, delete the old text.

Save   Save the settings.

The appointment reminder function is activated.

Press the On-hook key to end the operation.

Step by Step

Confirming an appointment reminder call

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

Off   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.

|1| Calendar   **OK**   Select the menu icon and confirm. The current month's calendar is displayed with the current day marked.

OK   Confirm the current day. The list of appointments is displayed.

New Entry
11.11, 22:22
11.11, 23:23 ...   **OK**   Select and confirm the appointment reminder that you want to deactivate.

Options   Call the additional menu.

Deactivate   **OK**   Select the menu item and confirm. The appointment reminder marked is deactivated.

Save   Save setting.

Press the On-hook key to end the operation.

Deleting an appointment reminder or the entire list of appointment reminders

The handset is in idle status.

Open the handset's main menu.

|1| Calendar   **OK**   Select the menu icon and confirm. The current month's calendar is displayed with the current day marked.

OK   Confirm the current day. The list of appointments is displayed.

New Entry
11.11, 22:22
11.11, 23:23 ...   **OK**   Select and confirm the appointment reminder that you want to delete.

Options   Call the additional menu.

Step by Step

either:

⟱ ⟰ Delete Entry   **OK**   Select the menu item and confirm. The appointment is deleted.

or:

⟱ ⟰ Delete List   **OK**   Select the menu item and confirm. A security check question appears.

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

then:

Save   Save setting.

☎   Press the On-hook key to end the operation.

Displaying an unconfirmed appointment

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

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.

⟱ ⟰ **★** Add. Features   **OK**   Select the menu icon and confirm.

⟱ ⟰ Missed Dates   **OK**   Select the menu item and confirm. A list of missed/unconfirmed appointments is displayed. The last appointment missed is always on top and the oldest is last.

⟱ ⟰ **OK**   Select an unconfirmed appointment or an unconfirmed anniversary. The relevant information is displayed.

Delete   If applicable, delete the selected appointment.

☎   Press the On-hook key to end the operation.

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 134).

Saving an appointment

⌒ **or** ◁))   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.

⬇ ⬆ *46=Timed reminder on?   OK   Select the menu item and confirm.

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

either:

⬇ ⬆ One time only?   OK   Select the menu item.

or:

⬇ ⬆ Daily?   OK   Select the menu item and confirm.

then:

Save   Save the settings.

☎   Press the On-hook key to end the operation.

Step by Step
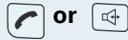
Deleting/ checking entered appointments

⌒ **or** ◁ Press and hold down the Talk key or press the Speaker-phone key.

Menu Call the system menu.

⬇ ⬆ Service? **OK** Select the menu item and confirm.

⬇ ⬆ #46=Timed reminder off? **OK** Select the menu item and confirm.

Reminder at ... **Mnu** Call the additional menu.

either:

⬇ ⬆ Delete? **OK** Select the menu item and confirm.

or:

⬇ ⬆ End? **OK** Select the menu item and confirm.

☎ Press the On-hook key to end the operation.

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 49).

☰		Open the handset's main menu.
🔽🔼 🔧 H/Set Settings	OK	Select the menu icon and confirm.
🔽🔼 Handset	OK	Select the menu item and confirm.
🔽🔼 Select Base	OK	Select the menu item and confirm.

Please enter
PNG Service PIN:

If the personal alarm functionality was activated, it is protected by the PNG Service PIN. Please contact your system administrator!

🔽🔼 Base 1
...
Best Base

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

- Base 1 - 4: Selecting base n defines one specific Hi-Path cordless system where the handset is registered.
- Best Base: If the handset is registered at multiple cordless systems, it automatically switches to one of these systems when it enters the relevant range. For example: The handset is registered at the Gigaset home base as well as at the cordless system in the company.

📵 Press the On-hook key to end the operation.

Rather

Step by Step

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.

then:　A list of functions that can be programmed on the key is displayed. The following functions are available for selection:
- Speed dialling
- Alarms (→ Page 115)
- Calendar
- Bluetooth

⬚⬚ Quick Dial
...　**OK**　Select and confirm the function.

If the "Quick Dial" function was selected:

⬚⬚ Quick Dial
...　**OK**　Select the required phone number and confirm.

Step by Step

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: `Alarm Clock`   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.
- The menu associated with the programmed function is opened.

Data exchange between a PC and a handset or between two handsets

You can transfer data between a PC and your handset, or between two handsets.

Interface overview

The handset supports the following interfaces for data exchange:

Interface	Connect via...	Data transfer between...
Serial V24 interface	Cable (Slim Lumberg)	PC <-> handset
USB interface	Cable (Slim Lumberg)	PC <-> handset
Bluetooth interface	Radio, cordless	PC <-> handset and Handset <-> handset

Mobile Phone Manager (MPM application)

You can use the MPM application, for example, for read and write access to your handset phonebook, as well as to load sounds (.mid) and pictures (.bmp) for the screensaver from the computer to the handset. The MPM application must be installed on your PC for this purpose. It can be downloaded as freeware from the Internet.

> **Note:**
>
> Only read and write access to phonebook data is permitted via the Bluetooth interface.

"Data Transfer" is shown on the display during data transfer between the handset and PC. No inputs are possible via the keyboard when this operation is active and incoming calls are ignored.

The MPM application supports different DECT and GSM handset types. Terminal functions that are not supported are dimmed and cannot be selected.

For more detailed information, refer to the Mobile Phone Manager help function.

PC interface (V24, USB)

You can use the PC interface (via a Slim Lumberg cable) to read and modify phonebook entries, pictures and sounds.

Configuring the PC interface

To configure the PC interface, you must:

1. deactivate the Bluetooth interface on the handset (→ Page 129).

2. use a data cable (→ Page 140) to connect the headset/PC interface jack on the handset to the computer.

3. install the MPM application.

For more information, consult your system administrator.

> **Note:**
>
> If the PC interface does not work, first deactivate the Bluetooth interface (→ Page 129), then switch the handset off and back on.

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
• loading screensavers
• loading melodies

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

Bluetooth interface

If you have installed a Bluetooth interface on your PC, you can also communicate with the MPM application via the Bluetooth interface on your handset.

> ### Note:
>
> Theoretically, third parties can tap Bluetooth connections.

Only read and write access to phonebook data is permitted via the Bluetooth interface.

Transferring a phonebook from handset to handset via Bluetooth

Prerequisite: The Bluetooth interface on the other handset (→ Page 129) must be active.

If the Bluetooth connection is not yet established between the handsets, perform the following steps:

On your handset

Open the handset's main menu.

Data Transfer **OK** Select the menu icon and confirm.

Bluetooth **OK** Select the menu item and confirm. The Bluetooth menu is displayed.

Search Data Device **OK** Select the menu item and confirm. The handset searches for a Bluetooth data device and sets up a wireless connection. The name of the devices found are displayed.

Found Devices
SL2 professional
Select the required device, for example, the other handset.

Options Open the handset's menu

Trust Device **OK** Select the menu item and confirm.

agreed PIN: **OK** Enter the Bluetooth PIN and confirm (default: 0000). The device is recorded in the list of known devices.

127

Step by Step
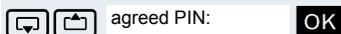
On the other handset:

⬛⬛ agreed PIN: **OK** Enter the Bluetooth PIN immediately and confirm (default: 0000). If you were not fast enough, repeat the previous steps.

⬛⬛ Add to Trusted Device list? **OK** Confirm the prompt.

The Bluetooth connection is established. The two handsets can now exchange data in vCard format.

Transferring data

⬛ 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.

then:

⬛⬛ vCard via Bluetooth: **OK** Select the menu item and confirm.

⬛⬛ Trusted Devices ... **OK** Select and confirm the target device or handset. The vCard data is sent to the target device.

Now follow the instructions on your handset display.

Step by Step

Deactivating and activating the Bluetooth interface

You can deactivate the Bluetooth interface if you do not need it for extended periods of time. This increases your handset's standby time.

Deactivating the interface

⌖ Open the handset's main menu.

⬇⬆ ◈ Data Transfer | OK | Select the menu icon and confirm.

⬇⬆ Bluetooth | OK | Select the menu item and confirm. The Bluetooth menu is displayed.

⬇⬆ Activation ☐ | OK | Select the menu item and confirm. The Bluetooth interface is deactivated.

☐ The check box is not marked if the Bluetooth function is deactivated.

Activating the interface

Follow the procedure described above to activate the Bluetooth interface.

☑ The active Bluetooth function is ticked.

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 Unify Service. The PIN will be reset at your own expense.

Entering a new PIN

`▶≡` Open the handset's main menu.

`▽` `△` `⬥` H/Set Settings `OK` Select the menu icon and confirm.

`▽` `△` Handset `OK` Select the menu item and confirm.

`▽` `△` Change HSPIN `OK` 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.

`OK` Confirm your entries.

`⬚` Press the On-hook key to end the operation.

Battery charging when PIN lock active

If the handset deactivates because the battery pack is flat, it automatically reactivates as soon as 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.
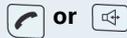
⌐ **or** ⌐   Press and hold down the Talk key or press the Speaker-phone key.

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 operation.

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.

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
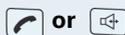
⌒ **or** 🔊   Press and hold down the Talk key or press the Speaker-phone key.

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 operation.

> **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 131).

Unlocking the handset
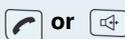
⌒ **or** 🔊   Press and hold down the Talk key or press the Speaker-phone key.

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 operation.

Central telephone lock/locking/ unlocking other handsets

If you have the appropriate authorization, 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.
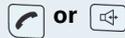
⬇️ or 🔈   Press and hold down the Talk key or press the Speaker-phone key.

Menu   Call the system menu.

⬇️⬆️ Service?   **OK**   Select the menu item and confirm.

⬇️⬆️ More features?   **OK**   Select the menu item and confirm.
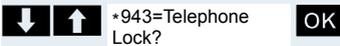
⬇️⬆️ *943=Telephone Lock?   **OK**   Select the menu item and confirm.

🔢   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
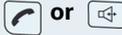
⌒ **or** ⌨   Press and hold down the Talk key or press the Speaker-phone key.

Menu   Call the system menu.

either:

⬇ ⬆ Suppress call ID?   **OK**   Select and confirm the function.

or:

⬇ ⬆ Service?   **OK**   Select the menu item and confirm.

⬇ ⬆ *41=Temporary MSN?   **OK**   Select and confirm the function.

or:

⬇ ⬆ Service?   **OK**   Select the menu item and confirm.
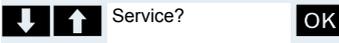
⬇ ⬆ More features?   **OK**   Select the menu item and confirm.
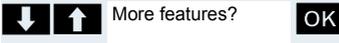
⬇ ⬆ #58=View callbacks?   **OK**   Select and confirm the function.

then:

⬚   Press the On-hook key to end the operation.

Calling functions via codes

⌒ **or** ⌨   Press and hold down the Talk key or press the Speaker-phone key.

either:

⁎ ⌨   Enter code.

or:

⌨   Enter code.

then:

⬚   Press the On-hook key to end the operation.

Appendix

Troubleshooting

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

Danger of explosion:

Local and operational factors may lead to an explosive atmosphere
in an Ex zone. Never open the handset battery compartment in an
Ex zone.

Error	Possible cause	Remedy
No display.	Handset not switched on.	Press the On-hook key until confirmation is received.
	The battery pack is flat.	Charge or replace the battery pack.
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 manual.
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".

Error	Possible cause	Remedy
The following appears immediately after the Talk key is pressed: **Connect.** No dial tone available; no calls can be made.	Communication system is being used by other users.	Repeat call later.
The following, for example, appears: **Base 1** Outgoing and incoming calls and activation/deactivation are not possible.	Handset is blocked.	Remove the battery pack from the handset and then re-insert it. Proceed as when loading batteries for first time (→ Page 32).
The following appears: **Time exceeded**	Maximum input time was exceeded. The On-hook key was not pressed.	Avoid long pauses between keystrokes. Press the On-hook key.
The following appears: **Re-enter code**	The communication system is overloaded.	Wait and try again later.
The following appears: **Currently not available**	Function is currently not available. No connection available under the phone number dialled.	Wait and try again later. Enter the phone number correctly or call the attendant console.
The following appears: **Not possible** or: **Incorrect entry.** or: **Key not programmed.**	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.	Correct your input, select a permitted option, enter the phone number in full.
The following appears: **no access**	Blocked function was called.	Apply to the relevant service personnel for the COS for the blocked function.
The following appears: **Denied**	Incorrect PIN was entered.	Enter the correct PIN.

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: **protected**	Data transfer is active.	Wait and try again later.

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.

Exposure to liquids

Proceed as follows if you suspect that liquids may have seeped into the handset, for example, because the charging socket was not sealed:

1. Deactivate the handset immediately. Do NOT activate it!

2. Remove the battery pack 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.

Danger of explosion:

For Gigaset M2 Ex professional: The Gigaset M2 Ex professional must first be checked by a trained and authorised Unify Service engineer before operation can be resumed in an Ex zone.

Storage

To avoid damage, the handset should not be stored with sharp objects, such as, knives or tools, etc.

Documentation

This operating manual can be found in PDF format at the following URL: http://www.unify.com/ and in HTML and PDF format on the CD-ROM (ask the service personnel).

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

To view the operating manual 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 SPL
Operating and charging times:	→ Page 32
Permissible ambient conditions for operation: -20°C to +55°C	
Full functionality of device guaranteed for: -10°C to +55°C	
Weight incl. battery pack (without belt clip):	approx. 180 g
Battery pack, standard version: [Lithium-Ion, 1000 mAh]	A5B00075416005
Battery pack, Ex version: [Lithium-Ion, 1000 mAh]	A5B00075609027
Dimensions (W x H x D):	approx. 56.0 x 166.5 x 35.4 mm (D = depth excluding stud)

For other data, see the prototype verification certificate ZELM 08 ATEX 0379 X.

Charging shells

Charging shell (EU) incl. plug-in mains unit:	S30852-H1786-R101
Charging shell (UK) incl. plug-in mains unit:	S30852-H1786-L101
Charging shell (US) incl. plug-in mains unit:	S30852-H1786-R301
Charging shell (Australia) incl. plug-in mains unit:	S30852-H1786-C401

Accessories

Only use original accessories. This will help you avoid injury and property damage and you can ensure that all relevant regulations are observed.

Headset: Headsets from different manufacturers may be used.

Data cable

Data cable DCA-500:   To connect the handset to the serial RS232 interface on your computer; not suitable for Gigaset M2 Ex professional

Data cable USB DCA-510:   To connect the handset to the USB interface on your computer

Directives and standards

The handset and accessories listed conform to the following EU directives and standards:

EU guidelines

C E

- 89/336/EC "Electromagnetic Compatibility"
- 94/9/EC "Equipment intended for use in potentially explosive atmospheres" (for Gigaset M2 Ex professional)

Standards for Ex protection

- EN 60079-0: Electrical apparatus for explosive gas atmospheres

- EN 60079-11: Device protection through intrinsic safety "i"

Protection rating

Protection rating: IP 65 (6 = dust-proof, 5 = protected from splashes and low-pressure jets of water)
in accordance with DIN VDE 0470, DIN EN 60 529, IEC 60529

Requirements satisfied in accordance with the R&TTE directive 99/5/EC und BGR

Necessary requirements:
- Safety: EN 60950/IEC 60950
- EMF/SAR: 99/519/EC (EU Council Recommendation), EN 50360; ICNIRP
- Acoustic Shock: Common Technical Regulation TBR 10, Annex D
- EMC: ETSI EN 301 489-1/6/17
- Radio:
  – ETSI EN 301 406
  – ETSI EN 300 328 (because of Bluetooth)
  – Radio Coexistence Test (because of Bluetooth)

Additional requirements:
- TBR 10
- TBR 22

Zusätzliche Anforderungen für Personen-Notsignal-Anlagen (für Gigaset M2 professional und Gigaset M2 Ex professional):

- VDE V 0825 Drahtlose Personen-Notsignal-Anlagen für gefährliche Alleinarbeiten
- BGR 139 Einsatz von Personen-Notrufsignal-Anlagen

Additional requirements for industrial environments:
- IEC 61000-6-2 Electromagnetic compatibility (EMC) – Part 6-2: Generic standards - Immunity for industrial environments

Label for Gigaset M2 professional
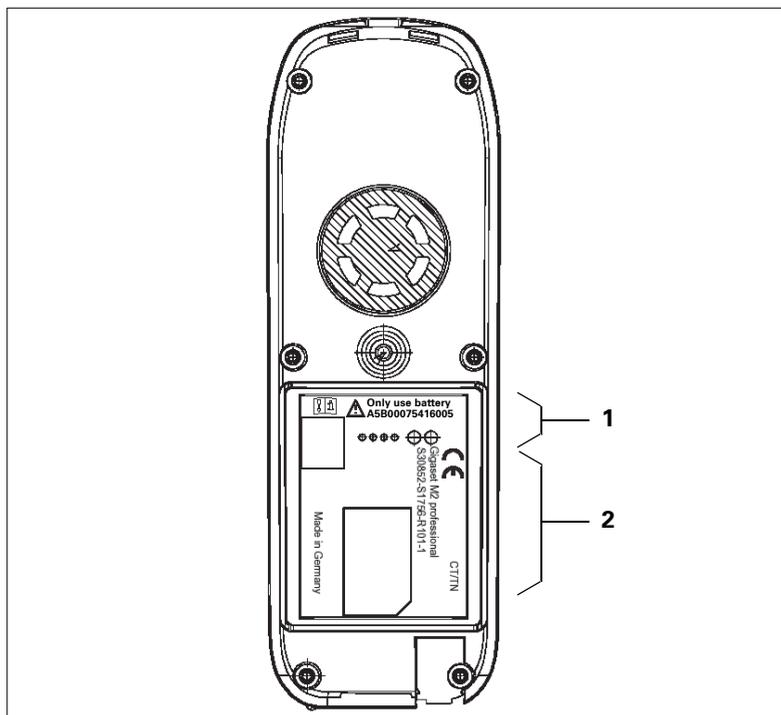
1 • Only use battery
   A5B00075416005.

2 • CE marking
   • Series and type:
     Gigaset M2 professional
     S30852-S1756-R101
   • Place/year of manufacture: CT/
     TN

Label for Gigaset M2 *plus* professional

1 • Name and address of vendor
• IP rating: IP65

2 • CE marking
• Series and type:
Gigaset M2 *plus* professional
S30852-S1756-R131
• Serial number: IPUI xxxxxxx
• Place/year of manufacture: CT/
TN

ATEX certification for Gigaset M2 Ex professional

This handset conforms to the ATEX directive 94/9/EC.
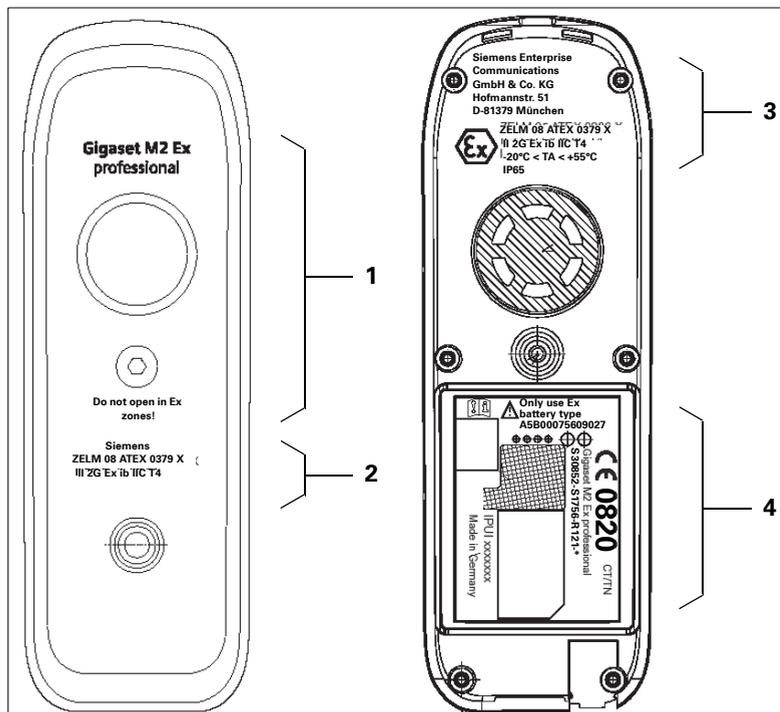
1
- Series and type:
  Gigaset M2 Ex professional
- Warning: Do not open in Ex zones!

2
- Vendor
- Name of inspection authority and certificate number:
  ZELM 08 ATEX 0379 X
- Device group and ignition protection type:
  II 2G Ex ib IIC T4

3
- Name and address of vendor
- Name of inspection authority and certificate number:
  ZELM 08 ATEX 0379 X
- Explosion prevention marking as well as device group, ignition protection type and IP rating:
  II 2G Ex ib IIC T4, IP65
- Permissible ambient conditions for operation: -20 °C to +55 °C

4
- CE marking: CE 0820
- Warning: Only use Ex battery type A5B00075609027!
- Series and type:
  Gigaset M2 Ex professional S30852-S1756-R121-*
- Serial number: IPUI xxxxxxx
- Place/year of manufacture: CT/TN

Declarations of conformity

The following declarations of conformity are only valid for the European Economic Area.

This equipment is designed for international use; implementation outside the European Economic Area and Switzerland is subject to national certification.

Für Gigaset M2 professional/Gigaset M2 plus professional:

CE 0682

DECLARATION OF CONFORMITY

We

Siemens Enterprise Communications GmbH & Co. KG

Hofmannstr. 51, D-80200 Munich / Germany

declare that the product

**Gigaset M2 professional
Gigaset M2 plus professional**

....
(name, type, model or version)

to which this declaration relates, conforms to the following European Directives and European standards:

Directive 99/5/EEC: Radio and Telecommunication Terminal Equipment

EN 50360:2001	EMF
EN 60950-1:2001	Safety
EN 55022:2006 Class B	EMC, Emission ITE Residential Environment
EN 61000-6-2:2005	EMC, Immunity in industrial area
EN 300 328 V1.7.1	EMC, Radio spectrum matters, Wideband transmission systems
EN 301 406 V1.5.1	DECT Access
EN 301 489-1 V1.8.1	EMC & Radio spectrum Matters for radio Equipment
EN 301 489-6 V1.3.1	EMC & Radio spectrum Matters for radio Equipment (DECT Equipment)
EN 301 489-17 V2.1.1	EMC & Radio spectrum Matters for radio Equipment (DECT Equipment)

conformity in accordance with ISO/IEC 17050

Munich, January 4th, 2010

Siemens Enterprise Communicatio   o. KG   ....
(Place and date of issue)

(Name, Function and signature of authorized person)
Stephan Scheade

(Name, Function and signature of authorized person)
Richard Wendl

145

For Gigaset M2 Ex professional:

The device complies with the basic requirements of the ATEX directive and therefore displays the CE marking.

$C\epsilon$ 0820

DECLARATION OF CONFORMITY

We

Siemens Enterprise Communications GmbH & Co. KG

Hofmannstr. 51, D-80200 Munich / Germany

declare that the product

Gigaset M2 Ex professional
S30852-S1756-R121-*

....
(name, type, model or version)

to which this declaration relates, conforms to the following European Directives and European standards:

Directive 99/5/EEC: Radio and Telecommunication Terminal Equipment

EN 50360:2001	EMF
EN 60950-1:2006	Safety
EN 55022:2006 +A1 Class B	EMC, Emission ITE Residential Environment
EN 61000-6-2:2005	EMC, Immunity in industrial area
EN 300 328 V1.7.1	EMC, Radio spectrum matters, Wideband transmission systems
EN 301 406 V1.5.1	DECT Access
EN 301 489-1 V1.8.1	EMC & Radio spectrum Matters for radio Equipment
EN 301 489-6 V1.3.1	EMC & Radio spectrum Matters for radio Equipment (DECT Equipment)
EN 301 489-17 V2.1.1	EMC & Radio spectrum Matters for radio Equipment (DECT Equipment)

Directive 94/9/EEC: Equipment for use in potentially explosive atmospheres

EN 60079-0:2006	Electrical equipment for use in potentially explosive atmospheres general rules
EN 60079-11:2007	Explosive atmospheres: Equipment protection by intrinsic safety "i"

Munich, March 8th, 2010

Siemens Enterprise Communications GmbH & Co. KG

....
(Place and date of issue)

Stephan Schaade

PPa ....
(Name, Function and signature of authorized person)

i.V. R. Clu
....
(Name, Function and signature of authorized person)
Richard Wendl

Siemens Enterprise Communications GmbH & Co. KG is a Trademark Licensee of Siemens AG

ZER10004.doc	Owner: SEN VA LP	Number of Declaration: 10 / 004

conformity in accordance with ISO/IEC 17050

EC-TYPE-EXAMINATION CERTIFICATE

(1) EC-TYPE-EXAMINATION CERTIFICATE ZELM ex

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres - **Directive 94/9/EC**

(3) EC-TYPE-EXAMINATION CERTIFICATE Number:

ZELM 08 ATEX 0379 X

(4) Equipment: **DECT-Telephone Gigaset M2 Ex professional Type S30852-S1756-R121**

(5) Manufacturer: **Siemens Enterprice Communications GmbH & Co. KG**

(6) Address: **Hofmannstrasse 51, D-81379 München, Germany**

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) The Prüf- und Zertifizierungsstelle ZELM Ex, notified body No. 0820 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II to the Directive.

The examination and test results are recorded in the confidential report ZELM Ex 1180719638.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2004   **EN 50020:2002**

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EC-type-examination Certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this Certificate.

(12) The marking of the equipment shall include the following:

〈Ex〉 **II 2G Ex ib IIC T4**

Braunschweig, October 27, 2008

ZELM ex
Zertifizierungs-stelle

Zertifizierungsstelle ZELM ex
Dipl.-Ing. Harald Zelm

ZELM ex

Sheet 1 of 3

EC-type-examination Certificates without signature and stamp are not valid. The certificates may only be circulated without alteration. Extracts or alterations are subject to approval by the Prüf- und Zertifizierungsstelle ZELM ex. The English version is based on the German text. In the case of dispute, the German text shall prevail.

ZELM ex
Prüf- und Zertifizierungsstelle
Siekgraben 56 · D-38124 Braunschweig

147

(13) **SCHEDULE** ZELM ex

(14) **EC-TYPE-EXAMINATION CERTIFICATE ZELM 08 ATEX 0379 X**

(15) Description of equipment

The DECT-Telephone Gigaset M2 Ex professional Type S30852-S1756-R121 is used for transmission of signals within hazardous locations.

The current supply of the device occurs by a built-in associated battery.

The maximum ambient temperature range is -20°C to +55°C.

Electrical Data

Internal current circuits:

Supply: type of protection Intrinsic Safety Ex ib IIC
from an associated Lithium-Ion-Battery

Transmission power up to 250 mW

External current circuits:

Interface current circuit: type of protection Intrinsic Safety Ex ib IIC
(Pin 1 to 14) Only to the connection to certified control elements

Maximum values:

$$U_o = 5,4 \quad V$$
$$I_o = 210 \quad mA$$

(linear output characteristics)

Maximum permissible external capacitance $C_o = 65 \ \mu F$
Maximum permissible external inductance $L_o = 335 \ \mu H$

Charging circuit: Only to the connection to an associated charging device
(Pin 1 and 2) Rated values:

$$U = 5 \quad V$$
$$I = 400 \quad mA$$

(16) Report No.

ZELM Ex 1180719638

Sheet 2 of 3

Schedule
to EC-Type-Examination Certificate ZELM 08 ATEX 0379 X

ZELM ex

(17) Special conditions for safe use

1. Instruction manual must be observed. The battery charging may only occur outside of the hazardous locations and only with the associated charging device.

2. IP protection degree of IP20 is sufficient for an approval of the DECT-Telephone for use in the presence of explosive gas atmospheres. The examination of a higher IP protection degree is not a subject of this EC-type examination certificate.

3. Before the DECT-Telephone may be taken and used in the hazardous locations a function test must be carried out.

4. In the case of damage or not correct operation, the DECT-Telephone is to be immediately removed from the operation and from the hazardous location.

5. The DECT-Telephone may be applied in hazardous locations only with certified accessory.

6. The DECT-Telephone may be applied in hazardous locations only with an associated closing plug on the interface.

7. The DECT-Telephone may be used only in the permissible ambient temperature range of -20°C to +55°C.

8. The device is supplied by the associated battery. A possible replacement may only occur by a corresponding original spare part.

(18) Essential Health and Safety Requirements

fulfilled by standards

Braunschweig, October 27, 2008

ZELM ex

Zertifizierungs-
stelle

Zertifizierungsstelle ZELM ex
Dipl.-Ing. Harald Zelm

ZELM ex

Sheet 3 of 3

EC-type-examination Certificates without signature and stamp are not valid. The certificates may only be circulated without alteration. Extracts or alterations are subject to approval by the Prüf- und Zertifizierungsstelle ZELM ex. The English version is based on the German text. In the case of dispute, the German text shall prevail.

ZELM ex
Prüf- und Zertifizierungsstelle
Siekgraben 56 · D-38124 Braunschweig

1. Supplement
(Supplement according to EC-Directive 94/9 Annex III letter 6)

ZELM ex

to EC-type-examination Certificate

ZELM 08 ATEX 0379 X

Equipment:	**DECT-Telephone Gigaset M2 Ex professional Type S30852-S1756-R121**
Manufacturer:	**Siemens Enterprice Communications GmbH & Co. KG**
Address:	**Hofmannstrasse 51, D-81379 München, Germany**

Description of supplement

The 1. Supplement concerns insignificant modifications of the internal layout of the equipment. Furthermore the agreement of the device with current standards has been checked.

The marking, all further technical data and special conditions for safe use remain unchanged and are also valid for this 1. Supplement.

The equipment may be manufactured in future also in consideration of this 1. Supplement.

Report No.

ZELM Ex 0800917698

Essential Health and Safety Requirements

Within the scope of this 1. Supplement the agreement of the device with the current standards has been checked.
The essential health and safety requirements are still fulfilled by compliance with the following Standards:

EN 60079-0:2006   EN 60079-11:2007

Braunschweig, July 31, 2009

ZELM ex

Zertifizierungs-
stelle

Zertifizierungsstelle ZELM ex
Dipl.-Ing. Harald Zelm

ZELM ex

Sheet 1 of 1

EC-type-examination Certificates without signature and stamp are not valid. This EC-type-examination Certificate may only be circulated without alteration. Extracts or alterations are subject to approval by the Prüf- und Zertifizierungsstelle **ZELM ex**. This English version is based on the German text. In the case of dispute, the German text shall prevail.

ZELM ex
Prüf- und Zertifizierungsstelle
Siekgraben 56 · D-38124 Braunschweig

2. Supplement

(Supplement according to EC-Directive 94/9 Annex III letter 6)

ZELM ex

to EC-type-examination Certificate

ZELM 08 ATEX 0379 X

Equipment: **DECT-Telephone Gigaset M2 Ex professional**
Type S30852-S1756-R121

Manufacturer: **Siemens Enterprise Communications GmbH&Co.KG**

Address: **D-81359 München**

Description of supplement

Within the scope of the 2. Supplement to the EC-Type-Examination Certificate ZELM 08 ATEX 0379 X it was evaluated if a leather pocket influences the explosion protection of the DECT telephone and if actualised drawings cover the fabrication process furthermore.

Report No.

ZELM Ex 0320917742

Essential Health and Safety Requirements

The essential health and safety requirements are still fulfilled by compliance with the following Standards:

EN 60079-0:2006   EN 60079-11:2007

Braunschweig, November 20, 2009

ZELM ex

Zertifizierungs-
stelle

Zertifizierungsstelle ZELM ex
Dipl.-Ing. Harald Zelm

ZELM ex

Sheet 1 of 1

EC-type-examination Certificates without signature and stamp are not valid. This EC-type-examination Certificate may only be circulated without alteration. Extracts or alterations are subject to approval by the Prüf- und Zertifizierungsstelle ZELM ex. This English version is based on the German text. In the case of dispute, the German text shall prevail.

ZELM ex
Prüf- und Zertifizierungsstelle
Siekgraben 56 · D-38124 Braunschweig

Index