HiPath 4000

Gigaset M2 professional
Gigaset M2 Ex professional
in
HiPath Cordless Enterprise

Operating Manual

SIEMENS

Global network of innovation

This device is intended for commercial use only.

Read the safety precautions carefully before use.

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 06 ATEX 0296 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 Siemens service employees with Ex zone training and authorisation should repair and service the handset.
- Inappropriate use of the telephone will result in revocation of its certification for use in Ex zones.
- Only a cordless headset can be used with Gigaset M2 Ex professional.

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 used in conjunction with this battery pack. 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 Ex professional

Attention:

- Do not use Gigaset M2 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, forinstance).
- 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.

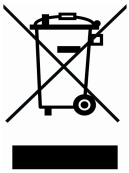
Using the battery pack for Gigaset M2 professional

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.

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

How to use the keys: → Page 11

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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 Siemens contract partner to upgrade.

Step by Step

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, forexample, within your company,
- you make between networked communication systems, forexample, 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 111). Please consult your system administrator in the event of range problems.

Step by Step

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 21).

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. You conduct the call.

or:

CALLBACK OK

The user is busy. You can save a callback request (→ Page 6).

Press the On-hook key to end the operation.

Step by Step

Dial first, then seize the line

Dialling preparation

and possibly C

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 ( ).

Dial

or

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

either:

The user answers. You conduct the call.

or:

CALLBACK OK

The user is busy. You can save a callback request (→ Page 6).

Press the On-hook key to end the operation.

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 31).

Enter the emergency number, for example, 112.

Press the Talk key.

Step by Step

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 46):

- 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, forexample, with DDIA.

or

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

Step by Step

Callback

This function enables you to call a user who does not answer or whose line is busy. The Callback function enables you to contact him as soon as he hangs up or 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.

Booking a callback

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

CALLBACK OK — Save the callback request.

Press the On-hook key to end the operation.

You are then called back

You are then called back:

- as soon as the selected user terminates his or her call, or
- the first time the user uses his or her handset, or
- as soon as the other party checks his or her mailbox and responds to your callback request (→ Page 84).

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

Call the system menu.

CALLBACK OK — Select the menu item and confirm.

MUELLER MOBILE
TH 06.02 09:23 OK — The oldest entry is displayed first.

Select the required command.

Step by Step

Displaying the next entry:

NEXT OK

Select and confirm the command to view the next entry.

Deleting an entry that is displayed:

DELETE OK

Select and confirm the command.

Callback deleted

You receive confirmation: "Callback deleted".

Terminating callback display:

CANCEL OK

Select and confirm the command.

Press the On-hook key to end the operation.

Consultation

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

CONSULT OK

Activate enquiry. 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 6),
- activate call waiting (→ Page 74) or
- override (→ Page 75).

Step by Step

Ending a consultation call and returning to the waiting call

either:

↓ ↑ TO WAIT. CALL OK

If the consultation call/enquiry function was activated but a number was not yet entered: select the menu item and confirm.

↓ ↑ 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.

or:

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

You can also:

- toggle between the partners (→ Page 76),
- set up a conference (→ Page 78) or
- transfer the waiting partner to the second partner (→ Page 76).

Activating and deactivating the microphone

You can temporarily deactivate the handset microphone if you want to consult with someone else in the room, forexample, without the other person on the telephone hearing you.

You are on a call.

Deactivating the microphone

MUTE ON OK

Confirm the display message during the call. The microphone is deactivated. You can now consult with someone else in the room, forexample.

Activating the microphone

MUTE OFF OK

Confirm the display message to re-activate the microphone.

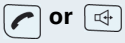
Step by Step

Answering or rejecting a call

Answering a call

Your handset rings (→ Page 31). The caller information appears on the display. The name and/or telephone number of the caller can be displayed. You have the following options 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 31).



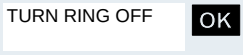
The handset is not in the charging shell. Press the Talk key or Speakerphone key.

When you have answered the call you can

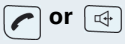
- transfer the call (→ Page 76),
- place the call on hold and consult with someone else in the room (→ Page 75),
- place the call on hold and call a second partner (→ Page 7) in order to forward (→ Page 76) or toggle the call (→ Page 76) or to set up a conference (→ Page 78).

Deactivating the ringer for the current call:

If you are currently in a meeting, forexample, and want to leave the room before accepting the call:



Confirm the display message. The ringer is deactivated for the current call.



Press the Talk key or Speakerphone key. The call is accepted.

Step by Step

Ending a call

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

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

Activating or deactivating the keypad lock

This feature protects against accidentally pressing buttons when the handset is in a pocket, forexample. 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 synchronise with a base. The intervals between synchronisation attempts increase on account of the integrated power saving function.

You can switch off your handset to save the battery 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	• Answering a call • Dial a phone number • Open the redial list • Access telephone system functions
	Speakerphone key	• Answering 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
	Alarm key	• programmable speed-dialling key (just like the left display key, for instance)

Key	Name	Use
	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	Open the system's basic 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		Possible options: "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 to the left	Move the cursor to the 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
	Delete	Delete the entry character by character from right to left
	Go Back	Go back to the next highest menu level, cancel
INT	Internal	Call the system menu
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.
Play	Play	Play a melody
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
Options	Options	Open a context-specific handset menu
Silent	Silent	Confirm handset appointment reminder call
Set	Set	Set number keys
Save	Save	Save entries
Appoint.	Appoint.	Activate handset appointment reminder function
Alarm	Alarm	Activate alarm function
Time	Time	Enter the time and date. Displayed until the time and date are set.

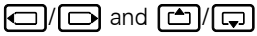
Additional icons can be displayed by programming the left display key with a function, forexample, the name of a directory (→ Page 93).

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:

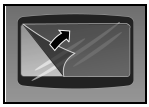
Icon	Use
	Open the "Data Transfer" menu. This menu contains the following items: "Bluetooth" and "Directory".
	Open the mask for setting the alarm clock. You can enter a wake-up time here.
	Open the "Resource Dir." menu. This menu contains the following items: "Screensavers", "Caller Pictures", "Sounds" 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



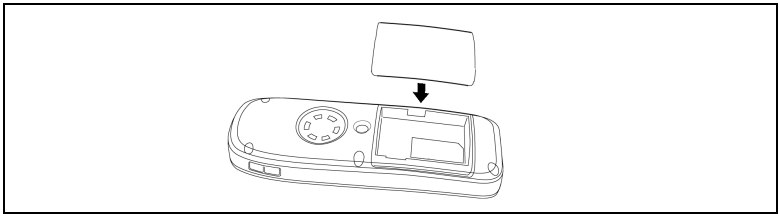
Remove the protective cover from the display before putting the handset into service.

Ex protection and IP rating compliance

(Ex protection only applies to Gigaset M2 Ex professional)

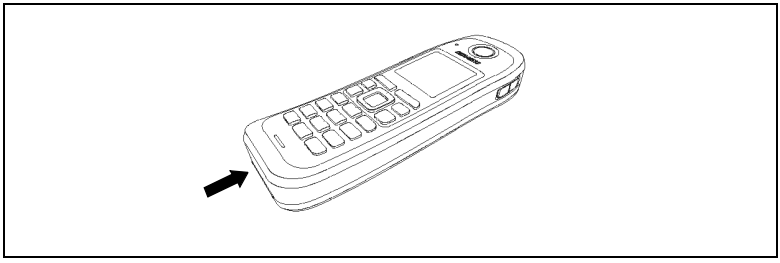
Inserting the battery compartment seal

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.

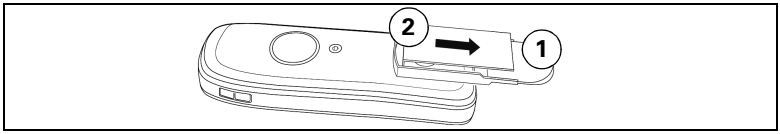
Notes:

- Note: Please observe the safety notes on the back cover.
- 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 20).
- 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

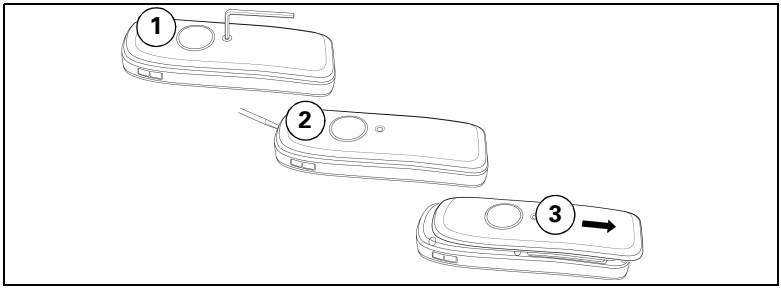
1. Remove the attachment clip (if fitted)

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



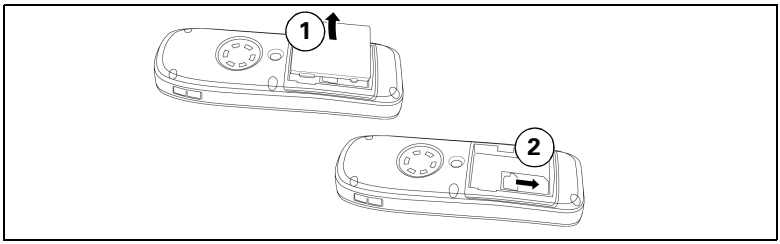
2. Open the battery compartment

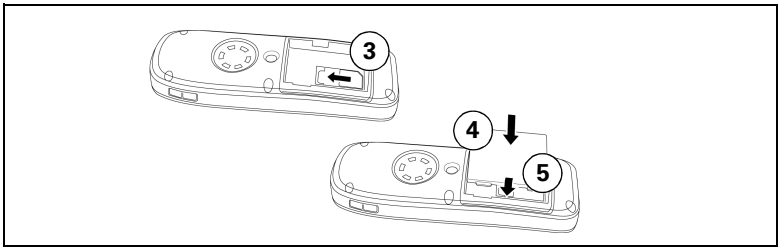
1. Use a suitable Allan key to loosen and remove the battery cover screw (1).
2. Insert a suitable screwdriver into the recess between the housing and the battery cover, twist it, and then raise the battery cover (2).
3. Slide the battery cover downwards away from the housing (3).



3. Insert/replace the battery pack and memory card

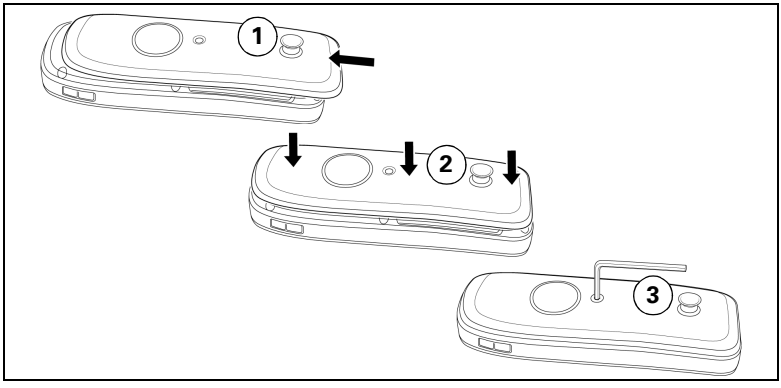
1. Remove any old battery packs (1). If necessary, slide the memory card out of the retainer and remove it (2). Lift the memory card out of the positioning device.
2. Insert the memory card and slide it into the retainer until it snaps into place (3). Make sure to line up the notched corner when positioning 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).





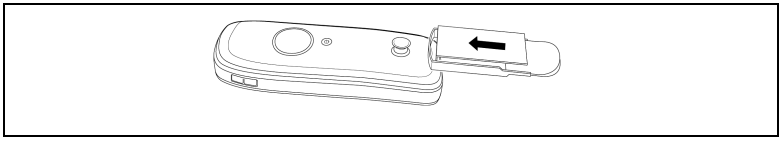
4. Close the battery compartment

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 20) – 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 optimally charged.

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 Siemens 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, with additional electronics	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 "Approved 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

(→ Page 17)

2. Replace the battery cover

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

3. Close the battery compartment

(→ Page 17)

4. Fit the attachment clip

(→ Page 17)

Setting the handset display language

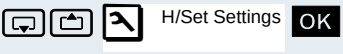
If your preferred language for handset display texts is not set as the default, you can set this yourself. The language of communication system display texts can only be set by the administrator.

Opening the main menu

Open the main menu of the handset.

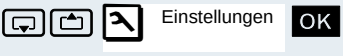
Opening the first submenu

either:



Select the menu item and confirm.

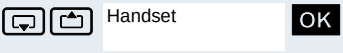
or:



Select the menu item and confirm.

Opening the second submenu

either:



Select the menu item and confirm.

or:

Select the menu item and confirm.

Step by Step

Opening the third submenu

either:

Language — OK

Select the menu item and confirm.

or:

Sprache — OK

Select the menu item and confirm.

Selecting a language

Deutsch
English
Francais
Italiano
Espanol
Portugues
Nederlands

OK

Select and confirm the language you require.

Press the On-hook key to end the operation.

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 38.

Step by Step

Setting the handset

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

Setting the speaker volume

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

- Volume in handset mode. 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 40).

You are on a call.

either:

Open the menu for setting the volume.

or:

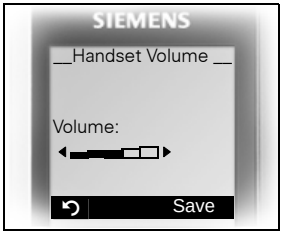
Open the menu if the upper side of the navigation key is programmed with another function, forexample, when toggling.

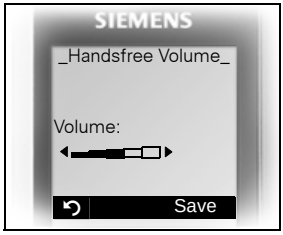
Handset Volume OK

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:





Define the setting.

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 98) and manage them on the handset (→ Page 26). 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

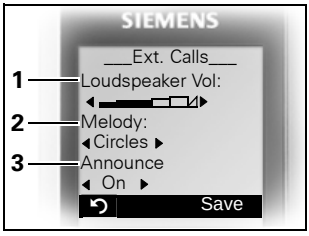
Open the main menu of the handset.

H/Set Settings OK — Select the menu item 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, forexample, for external calls is displayed:



1 Ringer volume

2 Ringer melody

3 Announce the caller name by playing back the speech pattern saved (internal calls also)

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:

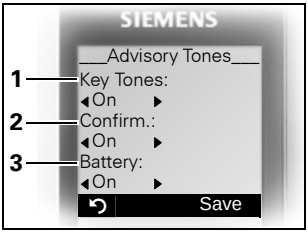
Advisory	Meaning
Key tone	Every keystroke is confirmed
Confirmation tones	• Confirmation tone (crescendo tone sequence) when saving inputs/settings and when placing the handset in the charging shell • Error beep (decrescendo tone sequence) to signal incorrect inputs • End-of-menu beep at the menu end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

Open the main menu of the handset.

H/Set Settings OK — Select the menu item and confirm.

Audio Settings OK — Select the menu item and confirm.

Advisory Tones OK — Select the menu item and confirm. The input mask, forexample, for advisory tones, is displayed:



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

Step by Step

Define the setting.

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 main menu of the handset.

H/Set Settings OK

Select the menu item and confirm.

Audio Settings OK

Select the menu item and confirm.

Silent Alert ☐ 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)

Step by Step

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.

You can download sounds (in .mid format) and pictures from a PC (→ Page 98). 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 main menu of the handset.

Resource Dir. OK — Select the menu item 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 main menu of the handset.

Resource Dir. OK — Select the menu item 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 main menu of the handset.

Resource Dir. OK — Select the menu item 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

or:

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.

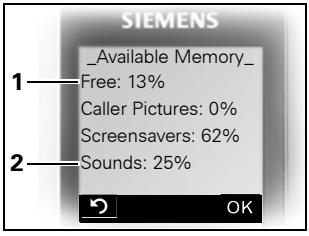
Open the main menu of the handset.

Resource Dir. **OK**

Select the menu item and confirm.

Available Memory **OK**

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



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.

Step by Step

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

either:

TURN RING OFF

Press the display key.

or:

*

Hold down the key until the ringer is deactivated.

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

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 main menu of the handset.

H/Set Settings OK — Select the menu item 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 main menu of the handset.

H/Set Settings OK — Select the menu item 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.

Step by Step

Setting the date and time

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

either:

Open the main menu of the handset.

Select the menu item and confirm.

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, forexample, 22.09.2005 = 220905.

Move the cursor down one line.

Enter the time, forexample, 19:05 = 1905.

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 main menu of the handset.

H/Set Settings OK
Select the menu item 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 main menu of the handset.
H/Set Settings OK	Select the menu item 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 main menu of the handset.
H/Set Settings OK	Select the menu item 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 main menu of the handset.

H/Set Settings OK — Select the menu item 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:
On — Enable or disable activation.

Move the cursor down one line.

Outside Charger:
On — Enable or disable activation.

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 main menu of the handset.

H/Set Settings OK — Select the menu item and confirm.

Handset OK — Select the menu item and confirm.

Select Base OK — Select the menu item and confirm.

<Base> OK — Select the menu item and confirm.

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

Change — Change the settings.

Edit Name: C — Delete text.

and possibly C — Enter the required text and correct individual characters as necessary using the "Delete" Display key.

Save — Save the settings.

Step by Step

Press the On-hook key to end the operation.

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.

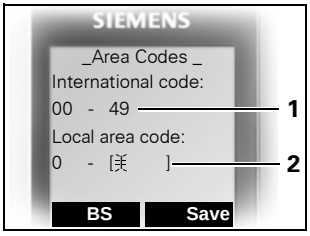
Defining conversion pairs

Open the main menu of the handset.

H/Set Settings OK — Select the menu item 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.

Step by Step

Resetting the defaults

This function allows you to reset your mobile phone to the defaults, forexample, 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

Resetting

Open the main menu of the handset.

H/Set Settings OK — Select the menu item and confirm.

Handset OK — Select the menu item and confirm.

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

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

Note:

For information about deleting the telephone directory see: → Page 48.

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.

Step by Step

Conducting calls – enhanced functions

Speakerphone mode

Features

Speakerphone mode offers you the following advantages:

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

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

Activating speakerphone mode

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

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.

Step by Step

Note:

If you wish to replace the handset in the charging shell during a call, forexample, 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 23).

Conducting calls with the headset

Gigaset M2 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 (**this does not apply to the Gigaset M2 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, forexample, 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.

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.

Step by Step

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 main menu of the handset.

Data Transfer OK — Select the menu item 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 3 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 main menu of the handset.

Data Transfer OK — Select the menu item 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.

Step by Step

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.

Options

Open the handset's phonebook 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 5).

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

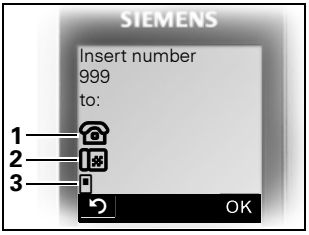
During dial preparation, you can add a number from your handset's redial list to your phonebook.
Press the Talk key briefly. The redial list is displayed.

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:



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 48 and → Page 49.

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 Siemens 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 98).

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:

-o #	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.

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.

Step by Step

Marking a VIP (Very Important Person) entry

An incoming call for a VIP-marked entry is signalled with a VIP ringing tone.

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.

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.
Note: This function is not available in monitoring mode,

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

Press the On-hook key to end the operation.

Step by Step

Sending or copying an entry or list (phonebook)

You can send an entry or a list to a central server to save it. Any phone number between 00 and 99 can be used for this purpose (→ Page 55).

Restriction: The entries in the handset's phonebook are stored in vCard format (→ Page 48). 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 48. The phone numbers are not affected.

Attention:

An existing backup is overwritten if you send an entry with multiple phone numbers to the communication system or if you send a complete list.

Note: An entry with a phone number is always added to an existing backup.

Open the phonebook.

or

Select the required entry.

Options

Open the menu.

either:

Copy Entry OK

Select the menu item and confirm.

or:

Copy List? OK

Select the menu item and confirm.

then:

to Internal OK

Select the menu item and confirm.

Enter any phone number between 00 and 99.

Copy

Press the display key. The entry/list is sent.

Step by Step

Copying an additional entry

Yes — Press the display key

or — Select the required entry.

Copy — Press the display key.

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.

Step by Step

Central directories (group directory)

You can save your private phonebook that is saved on your handset to a central server, and add group phonebooks that are saved on this server to your private phonebook.

To protect phone numbers in your private phonebook from being modified when a group phonebook is added, we recommend first saving your private phonebook using the function "Send List" (→ Page 53).

If the number of group directory entries exceeds the volume of memory available in your private phonebook, the transfer operation terminates as soon as the memory capacity limit is reached.

Call the system menu.

↓ ↑ PHONEBOOK OK

Select and confirm the phonebook.

either: **Delete the private phonebook**

↓ ↑ DELETE PRIVATE OK

Select the menu item and confirm.

The following message appears:
PHONEBOOK DELETED

or: **Load the private phonebook**

↓ ↑ LOAD PRIVATE OK

Select the menu item and confirm.

or: **Load the group directory**

↓ ↑ LOAD GROUP ... OK

Select the menu item and confirm.

↓ ↑ ABC Directory
EFG Directory OK

Select and confirm the group directory.

Press the On-hook key to end the operation.

Step by Step

Making calls using project assignment (cost billing)

Calls made to external partners can be assigned to specific projects.

Prerequisite: Project numbers (from 1 to 5) have been configured for certain projects, and you have an account code (ACCT) for the project.

Call the system menu.

Select and confirm the basic service.

Select the menu item and confirm.

Select the required PIN and confirm.

Enter an external phone number.

Then make your phone call as usual (→ Page 4).

A time limit is applied to project assignment. It is automatically deactivated if you have not used your handset for a period of more than five minutes, for instance.

Step by Step

Using a different telephone in the same way as your own

You can log on to another telephone belonging to the HiPath 4000 system via a personal identification number or PIN (this includes telephones of networked HiPath 4000 systems, forexample, at other branches of your company). At the other telephone you can then:

- make calls and assign the charges to cost centres,
- make calls and assign the charges to specific projects,
- check your mailbox,
- set appointments.

Using an internal PIN, you can have your calls diverted to a telephone in the office or department where you will be for a temporary period (call forwarding - "follow me").

Prerequisite: You have been assigned a PIN by System Support. You require an internal PIN for calls within your own HiPath 4000 system, while for calls involving other HiPath 4000 systems in the integrated network you require a network-wide PIN.

Call the system menu.

BASIC SERVICE OK — Select and confirm the basic service.

PIN/COS OK — Select the menu item and confirm.

PIN 1? OK — Select the menu item and confirm.

If you have several PINs and wish to use another one, select the other PIN.

You are prompted to enter the PIN by the message "Enter station no." or "Enter ID" on the display.

Entering the PIN for your own HiPath 4000 system:

Enter the internal PIN.

Entering the PIN for your own and another HiPath 4000 system within the integrated network:

Enter the 2-digit node code for your own HiPath 4000 system (consult System Support).

Enter your own number and press the hash key.

Enter the network-wide PIN and press the hash key.

Step by Step

Dialling after (successful) identification:

You will hear the dialling tone. The following appears on the display:
"Please dial".

Enter a phone number.

Call forwarding - follow me after successful identification:

↓ ↑	VARY FORWARD	OK
	SAVE	OK

Select the menu item and confirm.

Confirm. Call forwarding is activated immediately.

Suppressing call ID display for called party

The call ID display can only be suppressed for one subsequent call and the setting is not saved if the number is redialled.

Call the system menu.

↓ ↑	BASIC SERVICE	OK
↓ ↑	OTHER FUNCT.	OK
↓ ↑	NO DISPLAY	OK

Select and confirm the basic service.

Select the menu item and confirm.

Select the menu item and confirm.

Enter the phone number of the user. If the extension accepts the call, your phone number will not be displayed.

Step by Step

Activating/deactivating do not disturb

If you prefer not to be disturbed, you can activate the Do not disturb function. Internal callers will hear the ringing tone and the announcement "Do Not Disturb"; external calls will be diverted to the attendant. System Support can also set up call forwarding destinations for the Do Not Disturb function, to which you can forward your internal and external calls.

Prerequisite: System Support has enabled the Do Not Disturb function for all extensions.

Call the system menu.

BASIC SERVICE OK

Select and confirm the basic service.

SWITCHES OK

Select the menu item and confirm.

DO NOT DISTURB OK

Select the menu item and confirm. The display indicates whether Do Not Disturb is activated or not.

ACTIVATE OK

Confirm the display if "Do Not Disturb" should be activated.

DEACTIVATE OK

Confirm the display if "Do Not Disturb" should be deactivated.

Note:

A tone reminds you that Do Not Disturb is activated when you seize the trunk.

The attendant can circumvent the Do Not Disturb function and reach you anyway.

If System Support has locked the Do Not Disturb function for all users, the item "Do Not Disturb" will not appear on the service menu.

Step by Step

Call tracing

You can have malicious external callers identified. The caller's phone number can be traced during the call or up to 30 seconds thereafter. However, you yourself should not hang up.

Prerequisite: The function must be configured.

During the call.

Call the system menu.

↓↑ BASIC SERVICE OK — Select and confirm the basic service.

↓↑ OTHER FUNCT. OK — Select the menu item and confirm.

↓↑ CALL TRACING OK — Select the menu item and confirm.

Note:

If the call was traced successfully, the data will be saved with the network provider. Please consult System Support.

Step by Step

Call forwarding

Using call forwarding

You can program two types of call forwarding:
- Fixed call forwarding and
- Variable call forwarding.

For fixed call forwarding, you programme a forwarding destination that will remain valid until you change or delete it. You can activate and deactivate this forwarding function.

For variable call forwarding, you can choose between six different forwarding types:
- Variable forwarding (unconditional forwarding)
- Forwarding for internal
- Forwarding for external
- Forwarding on busy
- Forwarding after timeout
- Forwarding on busy/after timeout

Call forwarding is activated when a forwarding destination is programmed. When the variable forwarding function is deactivated, the forwarding destination is automatically deleted.

If the handset is in idle status, you can receive the following display messages when call forwarding is active:

Forwarding type	Display message
Fixed call forwarding Variable call forwarding	"Divert to number forexample, 222 Klaus Meier (own number)"
Forwarding for internal/ external	FWD-VAR-ALL-BOTH on
Forwarding on busy	FWD-VAR-BUSY-BOTH on
Forwarding after timeout	FWD-VAR-RNA-BOTH on
Forwarding on busy/after timeout	FWD-VAR-BZ/NA-BTH on
Fixed call forwarding	FWD-FIXED on

You can use codes to activate and deactivate call forwarding (→ Page 68).

Step by Step

Fixed call forwarding

If you have programmed a forwarding destination for fixed forwarding, you can activate and deactivate the forwarding facility in the service menu. The programmed forwarding destination remains valid until you change or delete it.

Programming and activating a forwarding destination

			Call the system menu.
	BASIC SERVICE	OK	Select and confirm the basic service.
	DESTINATIONS	OK	Select the menu item and confirm.
	FORWARD	OK	Confirm. "VARY FORWARD" is displayed.
	NEXT	OK	Confirm. "FIXED FORWARD" is displayed. If forwarding has been programmed, the destination is displayed.
	ENTER DESTIN.:	OK	Select and confirm.
			Enter the phone number for the forwarding destination. Any destination previously saved will be overwritten.
	SAVE	OK	Confirm when the complete number has been entered. Call forwarding to the programmed destination is active.

Activating and deactivating fixed forwarding

You can only activate and deactivate fixed forwarding if a destination number has been programmed.

			Call the system menu.
	BASIC SERVICE	OK	Select and confirm the basic service.
	DESTINATIONS	OK	Select the menu item and confirm.
	FORWARD	OK	Confirm. "VARY FORWARD" is displayed.
	NEXT	OK	Confirm.

Step by Step

Deactivating

FIXED FORWARD
87101 MUELLER

"FIXED FORWARD" is displayed. If forwarding has been programmed, the destination will be displayed regardless of whether forwarding is switched on or off.

↓ ↑ DEACTIVATE OK

Select the menu item and confirm. Fixed forwarding is deactivated.

Activating

FIXED FORWARD
87101 MUELLER

"FIXED FORWARD" is displayed.

↓ ↑ ACTIVATE OK

Select the menu item and confirm. Fixed forwarding is activated.

Deleting the destination for fixed forwarding

You can delete the destination for fixed forwarding.

Call the system menu.

↓ ↑ BASIC SERVICE OK

Select and confirm the basic service.

↓ ↑ DESTINATIONS OK

Select the menu item and confirm.

FORWARD OK

Confirm. "VARY FORWARD" is displayed.

NEXT OK

Confirm. The display shows "FIXED FORWARD" and the forwarding destination.

FIXED FORWARD
87101 MUELLER

The display shows "FIXED FORWARD" and the forwarding destination when forwarding is activated.

↓ ↑ DELETE OK

Select and confirm. The forwarding destination is deleted. If fixed forwarding was activated it is now switched off.

Step by Step

Variable call forwarding

For variable forwarding you can choose between six different call forwarding types:

- Variable forwarding (unconditional forwarding)
- Forwarding for internal
- Forwarding for external
- Forwarding on busy
- Forwarding after timeout
- Forwarding on busy/after timeout

The forwarding types are mutually exclusive except for "forwarding for internal" and "forwarding for external". You can program a forwarding destination for each of the two exceptions and activate them both.

Example:
You have activated variable forwarding. If you now program and thus activate forwarding after timeout, variable forwarding will be automatically deactivated and its forwarding destination will be deleted.

Selecting a variable forwarding type

Select Destinations and Forwarding in the service menu.

	Call the system menu.
↓ ↑ BASIC SERVICE OK	Select and confirm the basic service.
↓ ↑ DESTINATIONS OK	Select the menu item and confirm.
FORWARD OK	Confirm. "VARY FORWARD" will be offered first.
VARY FORWARD	Output on first line.
↓ ↑ NEXT OK	Confirm to select the next forwarding type.
FIXED FORWARD	Output on first line.
↓ ↑ NEXT OK	Confirm to select the next forwarding type.
Forw. for internal	Output on first line.
↓ ↑ NEXT OK	Confirm to select the next variable forwarding type.

Step by Step

Forw. for external		Output on first line.
↓ ↑ NEXT	OK	Confirm to select the next variable forwarding type.
or		
↓ ↑		To edit the current variable forwarding type, select the required command.
		Programming a forwarding destination
		Open the system menu.
↓ ↑ BASIC SERVICE	OK	Select and confirm the basic service.
↓ ↑ DESTINATIONS	OK	Select the menu item and confirm.
FORWARD	OK	Confirm. "VARY FORWARD" is displayed.
NEXT	OK	Confirm. "FIXED FORWARD" is displayed.
NEXT	OK	Confirm. "Forw. for internal" is displayed.
↓ ↑ ENTER DESTIN.:	OK	Select and confirm.
		Enter the phone number for the forwarding destination. Any destination previously programmed will be overwritten.
SAVE	OK	Confirm when the complete number has been entered.

To select a different forwarding type, proceed as described on→ Page 64.

If variable forwarding was previously programmed and activated, it is deactivated and the forwarding destination is deleted ((for exception, see → Page 64). Fixed forwarding is deactivated.

Deleting a forwarding destination

A variable forwarding destination is automatically deleted when the forwarding type is deactivated.

Activating variable forwarding

Variable forwarding is automatically activated when the forwarding destination is programmed.

Step by Step

Deactivating variable forwarding

You can deactivate all variable forwarding types in the Service Menu (Basic Service).

Call the system menu.

BASIC SERVICE OK — Select and confirm the basic service.

DESTINATIONS OK — Select the menu item and confirm.

FORWARD OK — Confirm. "VARY FORWARD" is displayed.

NEXT OK — Confirm. "FIXED FORWARD" is displayed.

NEXT OK — Confirm. "Forw. for internal" is displayed.

DEACTIVATE OK — Select and confirm. Variable forwarding is deactivated and the forwarding destination is deleted.

To select a different variable forwarding type, proceed as described on → Page 64

Checking forwarding

To check up on the status of the forwarding types, proceed as described on → Page 64. The forwarding destination is shown in the second line if this variable forwarding type is activated.

Step by Step

Activating and deactivating forwarding by means of a switch

If a forwarding destination has been programmed for fixed forwarding, you can use the switch to activate and deactivate the forwarding facility. If variable forwarding is activated, it can only be deactivated with the switch.

Call the system menu.

↓ ↑ BASIC SERVICE OK — Select and confirm the basic service.

↓ ↑ SWITCHES OK — Select and confirm.

↓ ↑ FORWARD OK — Select and confirm.

↓ ↑ ACTIVATE OK — Select the menu item and confirm. The call forwarding function is activated.

↓ ↑ DEACTIVATE OK — Select the menu item and confirm. Call forwarding is deactivated. This deletes any destination number programmed for variable forwarding.

Automatic call forwarding

Forwarding of internal and external calls in the system can be configured and activated for your line by System Support. Calls can be rerouted:

- unconditionally
- when the line is busy
- when the call is not answered

Unconditional call forwarding should only be used if the line is for outgoing calls only (forexample, in a lift).

If you have set up fixed or variable call forwarding, and if the manually programmed forwarding destinations are not obtainable (forexample, because they are busy), then calls are automatically forwarded to the system forwarding destinations.

Step by Step

Call forwarding with codes

You can use codes to set up the following forwarding types:

Forwarding type	Code (example)
Program and activate fixed forwarding	* 51
Activate fixed forwarding	* 41
Delete (and deactivate) fixed forwarding	# 51
Deactivate fixed forwarding	# 41
Program and activate unconditional variable forwarding	* 42
Program and activate variable forwarding for internal calls	* 44
Program and activate variable forwarding for external calls	* 43
Program and activate variable forwarding on busy	* 45
Program and activate variable forwarding after timeout	* 46
Program and activate variable forwarding on busy / after timeout	* 47
Deactivate variable and fixed forwarding	# 41
Deactivate variable forwarding for internal calls	# 44
Deactivate variable forwarding for external calls	# 43
Activate system call forwarding	* 90
Deactivate system call forwarding	# 90

The display messages for activating and deactivating call forwarding can be found on → Page 61.

Step by Step

Programming and activating call forwarding

Press the Talk key.

Enter the code, forexample, *51 (ask your System Support). You will hear the dialling tone.

Enter the destination phone number.

Enter the termination character. You will hear a confirmation beep and call forwarding is activated.

Press the On-hook key.

Activating fixed forwarding

Press the Talk key.

Enter the code, forexample, *41 (ask your System Support). You will hear a confirmation beep.

Press the On-hook key.

Deactivating call forwarding

Press the Talk key.

Enter the code, forexample, #41 (ask your System Support). You will hear a confirmation beep.

Press the On-hook key.

Cancelling fixed forwarding

Press the Talk key.

Enter the code, forexample, #51 (ask your System Support). You will hear a confirmation beep and call forwarding is cancelled.

Press the On-hook key.

Step by Step

Delayed call forwarding

This is configured for the entire system by System Support.

Prerequisite: The second call function must be activated → Page 82.

If "Forwarding on busy / after timeout" or "Forwarding after timeout" is activated on your handset → Page 64 and a second call comes in, you will automatically hear the camp-on tone and see the details of the caller on the display. This gives you the chance to accept this call before it is forwarded (you may be urgently awaiting this call, for instance).

The caller hears the ringing tone and is not forwarded to another extension until after a certain timeout.

Forwarding calls for a different terminal

You can save, activate, check and deactivate call forwarding for another telephone, fax machine or PC from your own mobile telephone. To do so, you need to know the PIN for this terminal or you must have the "Call forwarding for remote terminal" class of service. Your System Support can help you in both cases.

Storing a destination for another telephone/activating call forwarding

			Call the system menu.
↓ ↑	BASIC SERVICE	OK	Select and confirm the basic service.
↓ ↑	DESTINATIONS	OK	Select the menu item and confirm.
↓ ↑	FORWARD NUMBER	OK	Select the menu item and confirm.
	VARY FORWARD	OK	Confirm.
			Enter the number of the other telephone.
	FINISHED?	OK	Confirm.
			Enter the PIN (only if your own station does not have the "Call forwarding for remote terminal" class of service).

Step by Step

	FINISHED?	OK	Confirm.
			Enter the destination phone number.
	SAVE	OK	Confirm. Call forwarding is activated immediately.

Deactivating/checking call forwarding for another telephone

			Call the system menu.
↓ ↑	BASIC SERVICE	OK	Select and confirm the basic service.
↓ ↑	SWITCHES	OK	Select the menu item and confirm.
↓ ↑	FORWARD NUMBER	OK	Select the menu item and confirm.
	VARY FORWARD	OK	Confirm.
			Enter the number of the other telephone.
	FINISHED?	OK	Confirm.
			Enter the PIN (only if your own station does not have the "Call forwarding for remote terminal" class of service).
	FINISHED?	OK	Confirm.

Deactivating or checking:

	DEACTIVATE	OK	Confirm or:
↓ ↑	INTERROGATE?	OK	Select the menu item and confirm.
	3428----------->8968		Example of display: calls for station 3428 are redirected to station 8968.

Changing call forwarding for a different terminal

Proceed in the same way as for saving/activating:
→ Page 70.

Step by Step

Entering commands via tone dialling (DTMF suffix dialling)

After dialling a phone number, you can activate DTMF tone dialling (dual-tone multifrequency signalling) in order to operate devices, such as, answering machines or automatic directory enquiry and switching systems by means of command inputs.

You are connected.

Call the system menu.

↓ ↑ BASIC SERVICE OK — Select and confirm the basic service.

↓ ↑ OTHER FUNCT. OK — Select the menu item and confirm.

↓ ↑ DTMF DIALING OK — Select the menu item and confirm.

You can now enter commands with the keys 0 to 9, the star key and the hash key.

Note:

When the connection is closed, the DTMF suffix dialling will end as well.

Depending on the system configuration, "DTMF DIALING" may be displayed immediately after the number has been entered. In this case, you can enter commands immediately after dialling a phone number.

Parking/activating calls

You can park up to 10 internal and/or external calls and resume them at another telephone.

Calls cannot be parked if:

- All parking positions are busy.
- The parking position you have selected is busy.
- The user is the attendant console.
- The call is a consultation call.
- The call is part of a conference.

Step by Step

Parking and resuming a call

You can park a call to your handset in a free parking position and resume it at your own telephone or another one. This function can also be performed at telephones which do not have a display.

You are on a call.

Enter the system parking code (consult System Support if you need help).

1 ... 9 Enter and note a parking position number between 1 and 9.

The call is parked.

Press the On-hook key.

Resuming a parked call

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

Enter the system parking code (consult System Support if you need help).

1 ... 9 Enter the parking position number between 1 and 9 that you have noted and continue your call.

Parking is not possible

If all parking positions or the selected one are busy, or if call parking is not available for some other reason, you will receive both an acoustic and a visual message.

If the selected parking position is occupied, you will receive a display message and hear the busy tone.

either:

TO WAIT. CALL **OK** Confirm and continue the call.

or:

Press the On-hook key. You receive a recall from the call on hold.

Step by Step

Conducting calls – with multiple users

Camp-on

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.

↓ ↑ CAMP-ON OK

Select the menu item, confirm and wait briefly.

Note:

To camp on, you must have the appropriate class of service.

Camp-on is not possible if the called party is protected by the camp-on security function.

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.

Step by Step

Placing the first call on hold and answering the second call

Accept call

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 76) or
- set up a conference (→ Page 77).

Ending the second call

Press the On-hook key. 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.

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.

The user is busy.

↓ ↑ OVERRIDE OK

Select the menu item and confirm.

Both the colleague and the other party hear a warning tone.

You can speak immediately.

Note:

To override, you must have the appropriate class of service.

Override is not possible if the called party is protected by the Privacy function.

Step by Step

Transferring a call

If the person you are conversing with wishes to be forwarded to one of your colleagues, you can transfer the call.

Transferring the call with prior announcement:

↓ ↑ CONSULT OK — Select the menu item and confirm.

Enter the phone number of the required user.
Inform him or her that the waiting user wishes to be put through.

Press the On-hook key. The person you were speaking with is now connected to the desired party.

Transferring the call without prior announcement:

↓ ↑ START TRANSFER OK — Select the menu item and confirm.

Enter the phone number of the required user.

Press the On-hook key.

Note:

If a connection is not set up between the other two parties within 40 seconds, you will be recalled. You will be connected to the first party again.

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 start a conference.

You are on a call.

↓ ↑ CONSULT OK — 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.

Step by Step

Switching to the caller on hold

↓ ↑ TOGGLE OK

Press the Display key to switch between the two calls.

Ending the present call – returning to the other call

↓ ↑ RETURN OK

Select the menu item and confirm.

Setting up a three-way conference

↓ ↑ CONFERENCE OK

Select the menu item and confirm.

A warning tone advises you that a conference in now in place between all three users.

Conducting a conference

In a system-supported conference you can include up to 8 internal and external users. Users with system telephones can perform or use all the following functions simultaneously. ISDN telephones and external stations are passive users – they can only be included in an existing conference.

You can include users and conferences from a remote system in your own conference. The remote stations can set up a conference of their own and extend it. The members of this conference are included in your current conference – but they cannot perform or use the following functions.

The following functions are supported for all conference members with a system telephone:

- Setting up a conference when calling a user or receiving a call or making a consultation call or receiving a second call.
- Accepting a waiting call and including the caller in the conference.
- Toggling between the conference and a consultation call or waiting call.
- Holding a consultation call during a conference and adding it to the conference.
- Interconnecting conference members from two independent conferences via a remote network.
- Putting the conference on hold, if line keys are installed.
- Viewing all the conference members.
- Transferring the conference to a new user.

These functions can be carried out by all conference members at the same time.

Step by Step

Setting up a conference

You can set up a conference from any of the following types of connection:

- Single call
- Consultation call
- Camp-on

Starting a conference from a single call

You want to set up a conference.

You are on a call.

START CONF. OK — Select the menu item and confirm.

Call the second user.
Announce that a conference is to be set up.

CONFERENCE OK — Select the menu item and confirm. You will briefly see the message: "1 is your position".

Conf.
EXPAND CONF.

Setting up a conference from a consultation call

You are connected to one user and you call a second user.

CONSULT OK — Confirm.

Call the second user. The second user answers, you announce the conference.

CONFERENCE OK — Select the menu item and confirm. You will briefly see the message: "1 is your position".

Setting up a conference from a second call

You are connected to one user and receive a second call, which is signalled by a warning tone.

PICKUP OK — Select and confirm. You are connected to the second caller. The other party is placed on hold.

CONFERENCE OK — Select the menu item and confirm. You will briefly see the message: "1 is your position". All members are connected in a conference call.

Step by Step

Expanding a conference

Any member of the system conference can expand the conference by

- calling another user and adding this person to the conference
- adding a user to the conference from a consultation call,
- accepting a second call and adding the caller to the conference.

Calling and adding another user

You intend to call another user and to add this person to the conference.

↓ ↑ EXPAND CONF. OK — Select the menu item and confirm.

— Call the new user.
Announce that a conference is to be set up.

CONFERENCE OK — Confirm.
The user is added to the conference.

If the new user does not answer:

TO WAIT. CALL OK — Confirm.

Expanding the conference from a consultation call

You wish to make a consultation call during the conference.

↓ ↑ CONSULT OK — Select the menu item and confirm. The conference is placed on hold.

— Call a user. Make the consultation call.

either:

↓ ↑ CONFERENCE OK — Select the menu item and confirm to add the user from the consultation call to the conference.

or:

↓ ↑ TOGGLE OK — Toggle between the conference and the consultation call.

or:

↓ ↑ RETURN OK — Select the menu item and confirm to release the consultation call and return to the conference.

Step by Step

Accepting a second call and adding it to the conference

If you receive a second call during the conference (the second call function is activated), you can add this user to the conference.

An alerting tone is audible.

↓ ↑ PICKUP OK — Select and confirm. You are connected to the second caller. The conference is placed on hold.

either:

↓ ↑ CONFERENCE OK — Select and confirm to add the second caller to the conference.

or:

↓ ↑ TOGGLE OK — Toggle between the conference and the second call.

or:

↓ ↑ RETURN OK — Select and confirm to release the second call and return to the conference.

Step by Step

Transferring the conference

Any member can transfer the conference to a third party whom he has called by using the consultation or "expand conference" functions. The new user is not yet a member of the conference. The conference cannot be transferred to a second call.

You are taking part in a conference

either:

↓ ↑ CONSULT OK — Select and confirm. The conference is placed on hold.

— Call a user.

or:

EXPAND CONF. OK — Select and confirm.

— Call a user.

Announce that you are transferring the conference

↓ ↑ CONF. TRANSFER OK — Select and confirm.
You are disconnected from the conference.

— Press the On-hook key.

During the conference

You are taking part in a conference with 3 to 8 members and you wish to know about the other members or to disconnect a certain member or to disconnect the last member added to the conference.

Viewing member information and disconnecting members

↓ ↑ VIEW MEMBERS? OK — Select and confirm.

Extension number 1
NEXT CONF PTY? — The display shows the phone number and possibly the name of the conference member with the lowest member number.

either:

NEXT CONF PTY? OK — Confirm to display the next member.

or:

Step by Step

↓ ↑ STOP VIEWING? OK

Select and confirm to end the display.

or:

↓ ↑ RELEASE PARTY? OK

Select and confirm to disconnect this member from the conference. If there were only three members, the conference is now ended.

Disconnecting the last member added

You wish to disconnect the last member added to the conference.

↓ ↑ REM LAST PTY? OK

Select and confirm. The last member added is disconnected. If there were only three members, the conference is now ended.

Using the camp-on function

If you are expecting an important call, you should activate the camp-on function. A second call will then be signalled while a call is in progress. You can accept or ignore the second call.

Note:

A second call is not signalled on the Bluetooth headset.

Activating and deactivating the camp-on function

Call the system menu.

↓ ↑ BASIC SERVICE OK

Select and confirm the basic service.

↓ ↑ SWITCHES OK

Select the menu item and confirm.

↓ ↑ SECOND CALL OK

Select the menu item and confirm.

Activating or deactivating

ACTIVATE OK

DEACTIVATE OK

Confirm one of the two displays.

Step by Step

Accepting a second call

Prerequisite: You are making a call. The camp-on function is activated.

You will hear a warning tone. The calling party will hear the ringing tone as though you were "free" .

↓ ↑ PICKUP OK

Select and confirm. You are connected to the second caller. The first caller is placed on hold.

Ending the second call, resuming the first call:

Replace the handset and lift it again.

Step by Step

Message functions

Using the mailbox

Callers who have tried to reach you during your absence can leave a callback request in your mailbox.
In the mailbox you will also find voice or fax messages from the mail server (if this has been set up).

Viewing the mailbox/selecting a mailbox entry

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

either:

Press the message key.

or:

Call the system menu.

↓ ↑ MAILBOX OK — Select the menu item and confirm.

MUELLER MOBILE
TH 06.02 09:23 OK — The first entry appears.

↓ ↑ — Press to display the menu selection.

↓ ↑ NEXT OK — Select the menu item and confirm to select the next callback request.

Making a requested callback

MUELLER MOBILE
TH 06.02 09:23 — The callback request is displayed.

↓ ↑ — Press to display the menu selection.

↓ ↑ OUTPUT OK — Select and confirm.
The station will be called.

Step by Step

Deleting mailbox entries

Select the required entry (→ Page 84).

MUELLER MOBILE
TH 06.02 09:23

The required entry appears.

Press to display the menu selection.

DELETE OK

Select and confirm to delete the entry.

Note:

You cannot delete (new) voice messages to which you have not yet listened in full. To mark a message as "listened to", press 66 to jump to the end of the message. Callback requests must also be deleted from the missed call list (→ Page 86).

Ending mailbox viewing

Press to display the menu selection.

CANCEL OK

Select and confirm. Mailbox entries which have not been deleted remain saved.

Using the missed call list

Callers who have tried to reach you during your absence are saved in the missed call list. Callback requests (→ Page 84) are also recorded here.

Viewing the missed call list

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

either:

Press the message key.

or:

Call the system menu.

QUERY NO. OK

Select the menu item and confirm.

46068
34101 ✓

The phone number or names are displayed. Phone numbers that have been viewed are ticked.

Step by Step

Press to view the list of phone numbers (names). Phone numbers (names) that have already been viewed are ticked.

Calling back a caller on the list

Press to select the required phone number (name).

Press to display the menu selection.

DIAL OK

Select and confirm.
The station will be called.

Deleting a caller from the list

Press to select the required phone number (name).

Press to display the menu selection.

DELETE OK

Select and confirm. The entry is deleted and the missed call list is displayed again.

Exiting the missed call list

Press to move up to the next menu level up.

or:

Press the on-hook key to return to the main menu.

Using the HiPath Xpressions mailbox function (optional)

Users with a mailbox (HiPath Xpressions) can dial the messaging phone number to use this system's features and thus configure call forwarding types or listen to available messages. User voice prompts explain how to obtain all the available functions. If call forwarding to the mailbox is activated, the messaging phone number is shown on the display (→ Page 61).

Step by Step

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 24.

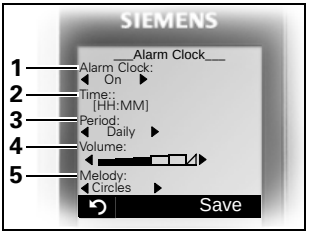
Activating the alarm clock

The handset is in idle status.

Open the main menu of the handset.

Alarm Clock OK

Select the menu item and confirm. The input mask for setting the alarm is displayed.



1 Alarm activation: on/off

2 Time in the format [HH:MM], forexample, 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 the setting.

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 main menu of the handset.

Alarm Clock OK — Select the menu item and confirm. The input mask for setting the alarm is displayed.

Activation: **Off** — Define the setting.

Save — Save setting.

Press the On-hook key to end the operation.

Step by Step

Handset appointment reminder function

You can arrange for your handset to remind you of 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 main menu of the handset.

Select the menu item and confirm. The current month's calendar is displayed with the current day marked.

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

Select the menu item and confirm.

Define the setting.

Move the cursor down one line.

Enter the date, forexample, 11 November = 1111.

Move the cursor down one line.

Enter the time, forexample, 19:05 = 1905.

Move the cursor down one line.

Enter the name for the appointment reminder.

If applicable, delete the old text.

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 main menu of the handset.

Calendar — OK — Select the menu item 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 main menu of the handset.

Calendar — OK — Select the menu item 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 main menu of the handset.

★ Add. Features — OK

Select the menu item 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 arrange for the communication system to remind you of an appointment. For this to happen, you need to save the times at which you wish to be reminded. This is possible for a period of up to 24 hours in advance.

Saving an appointment

Call the system menu.

↓ ↑ BASIC SERVICE OK

Select and confirm the basic service.

↓ ↑ REMINDER OK

Select and confirm.
The display indicates whether any reminders are already saved.

↓ ↑ NEW REMINDER OK

Select the menu item and confirm.

Enter the time as 3 or 4 digits, forexample, 845 for 8.45 a.m. or 1500 for 3 p.m.

SAVE OK

Confirm.

Deleting a saved appointment

Open the system menu.

↓ ↑ BASIC SERVICE OK

Select and confirm the basic service.

↓ ↑ REMINDER OK

Select and confirm. A saved reminder is displayed.

↓ ↑ NEXT OK

Confirm if you have saved several reminders.

↓ ↑ DELETE OK

Select the menu item and confirm.

Press the On-hook key.

Using the appointment reminder function

Prerequisite: You have saved an appointment. The saved time is reached.

Appoint.:

The handset starts ringing.

Press the Talk key. The appointment time is displayed.

Press the On-hook key.

If you do not accept the reminder, the handset will ring a few more times and "Appoint." will be displayed before the reminder is deleted.

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 35).

Open the main menu of the handset.

H/Set Settings OK — Select the menu item and confirm.

Handset OK — Select the menu item and confirm.

Select Base OK — Select the menu item and confirm.

Base 1
...
Best Base OK — Select the required base and confirm. The selected base is ticked.

- Base 1 - 4: Selecting base n defines one specific HiPath 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. 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.

Speed access to functions and phone numbers

You can program the left display key and the number keys 0 and 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.

Step by Step

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

- Alarms (→ Page 87)
- 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.

Step by Step

System-wide speaker call

You can set up a connection with an internal HiPath 4000 user by addressing him/her directly over the loudspeaker of his/her telephone. You can also start a speaker call from an enquiry.

To cancel a speaker call, replace the handset or - during an enquiry - resume the call that was in progress.

Note:

For all functions, make sure that Speaker Calling is deactivated for the telephones concerned → Page 97.

If you make a direct call to a user who has activated call protect, the speaker call will be ignored and a normal call will be placed.

From your handset, you can directly call any internal user whose telephone has the speakerphone function or a loudspeaker.

A destination user is addressed via his internal phone number.

Speaker calling

or

The handset is not in the charging shell. Press and hold down the Talk key or press the Speakerphone key.

Enter the code for "Speaker call" and

the user's phone number.

A connection to that user's loudspeaker will immediately be established if

- the connection is not busy,
- the handset is not lifted,
- and call protection is not activated.

The caller will hear a tone to indicate when the connection has been established and he/she can start speaking.

The called party can accept the call by lifting the handset.

If the called party presses the speakerphone key or the Trunk key (if configured), the connection is cancelled.

Step by Step

Note:

The number of possible speaker calls and normal calls is the same.

Activating/deactivating speaker calling

You can protect yourself against being directly addressed. Attempts to address you directly over the speakerphone will then become normal calls.

Call the system menu.

BASIC SERVICE OK — Select and confirm the basic service.

SWITCHES OK — Select the menu item and confirm.

CALL PROTECT OK — Select the menu item and confirm.

Activating or deactivating

ACTIVATE OK — Confirm the menu item displayed.

DEACTIVATE OK

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, forexample, 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 102).
2. use a Siemens data cable (→ Page 112) 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 102), then switch the handset off and back on.

Data transfer mode

Large volumes of data are transferred between the handset and the computer for certain functions. In this case, the handset is switched 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.

Step by Step

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 102) must be active.

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

On your handset

☰	Open the main menu of the handset.
Data Transfer OK	Select the menu item 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. **Note:** This function is not available in monitoring mode,
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.

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.
Note: This function is not available in monitoring mode,

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 main menu of the handset.

Data Transfer OK — Select the menu item 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.

Step by Step

Telephone blocking

Handset telephone lock

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

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

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

Attention:

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

Entering a new PIN

Open the main menu of the handset.

H/Set Settings OK Select the menu item 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. The new PIN is saved.

Press and hold down the On-hook key to return to idle status.

Step by Step

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.

Locking the telephone line to prevent misuse

You can prevent unauthorised persons from using your telephone (and the system directory) during your absence.

Prerequisite: You have been assigned a personal identification number (PI N) by System Support.

Note:

As an alternative, however, you can lock your handset against misuse (→ Page 103).

Neither of these two locks may be active if you want to place a call.

The PINs for locking the telephone line and for the handset are not identical.

Locking the telephone line to prevent unauthorised dialling

Call the system menu.

BASIC SERVICE Select and confirm the basic service.

PIN/COS Select the menu item and confirm.

CHANGE COS Select the menu item and confirm.

Enter the PIN (code no.).

Press. If the PIN is correct, it will be confirmed with: "carried out" on the display.

Step by Step

Enabling the telephone again:

Call the system menu.

Select and confirm the basic service.

Select the menu item and confirm.

Select the menu item and confirm.

Enter the PIN (code no.).

OK

Press. If the PIN is correct, it will be confirmed with: "carried out" on the display.

Step by Step

Accessing system functions

The system functions can be accessed via the Service menu. The following example shows how to select the "Camp-on" function.

Open the basic menu.

BASIC SERVICE ... OK

Select and confirm the basic service. The Service menu is displayed.

SWITCHES OK

Select the menu item and confirm (example).

SECOND CALL OK

Select the menu item and confirm (example).

Structure of the service menu

Destinations	Set up call forwarding	Variable call forwarding
		Fixed call forwarding
		Forwarding for intnl
		Forwarding for extnl
		Forwarding on busy
		Forwarding after timeout
		Forwarding on busy after timeout
Control relay	Camp-on on/off	
	Do not disturb on/off	
	Spk. call protect on/off	
	Hunt group in/out	
	Forwarding on/off	
	Call forwarding display on/off	
	Ringer cutoff off/on *	
Voice mail service	Access voicemail	
	Leave voicemail	
PIN and COS	PIN 1 (option: network-wide)	
	PIN 2	
	PIN 3	
	PIN 4	
Saving an appointment	PIN 5	
	Deactivate PIN	
	Change COS	
More features	Tone dialling (DTMF dialling) on	
	Display suppression on	
	Display suppression off	
	Call tracing (caller)	

Appendix

Troubleshooting

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

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 keystroke.	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, forexample, 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 19).
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: **Not available**	Function is currently not available. No connection under the phone number dialled available.	Wait and try again later. Enter the phone number correctly or call the attendant console.
The following appears: **Feature not avail.** or: **Incorrect entry.** or: **Key not programmed.**	Speed dial number not available, appointment entered incorrectly, entry blocked or not allowed, prerequisite not fulfilled (forexample, 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.

After submersion in fluid

Proceed as follows if you suspect that liquids may have seeped into the handset, forexample, 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, slightly tilting it back and forth.
   – Dab all components dry and then leave the handset in a warm spot (other than 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 Siemens Service engineer before operation can be resumed in an Ex zone.

Storage

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

Documentation

This operating manual can be found in PDF format at the following URL: http://www.siemens.com/hipath 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 instructions in HTML format, you need a computer with a Web browser, forexample, Microsoft Internet Explorer.

Technical data

Maximum sound pressure level as per TBR10, Annex D:	<118 dB SPL
Operating and charging times:	→ Page 20
Permissible ambient conditions for operation due to Ex-requirements:	+20°C to +55°C 100% relative humidity
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 06 ATEX 0296 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

Source

For information on accessories (such as, headsets, data cables, MPM software, etc.), contact Siemens at the following address:

Siemens AG, I&S IS SC S RC, Tübingerstrasse 1-5, 80686 Munich
Mr. Jens Schwabe
Tel.: +49 89 9221 - 3174
Fax: +49 89 9221 - 6603
E-mail: jens.schwabe@siemens.com

Directives and standards

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

EU directives

CE

- 89/336/EC "Electromagnetic Compatibility"
- 73/23/EC "Electrical apparatus for use within specific voltage parameters"
- 94/9/EC "Equipment intended for use in potentially explosive atmospheres" (not suitable for Gigaset M2 Ex professional)

Standards for Ex protection

- DIN EN 60079-0 Electrical apparatus for explosive gas atmospheres – Part 0: General requirements/Date of issue: Dec. 2004
- EN 50020 Electrical apparatus for explosive gas atmospheres – Intrinsic safety "I"/Date of issue: Aug. 2003

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

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:

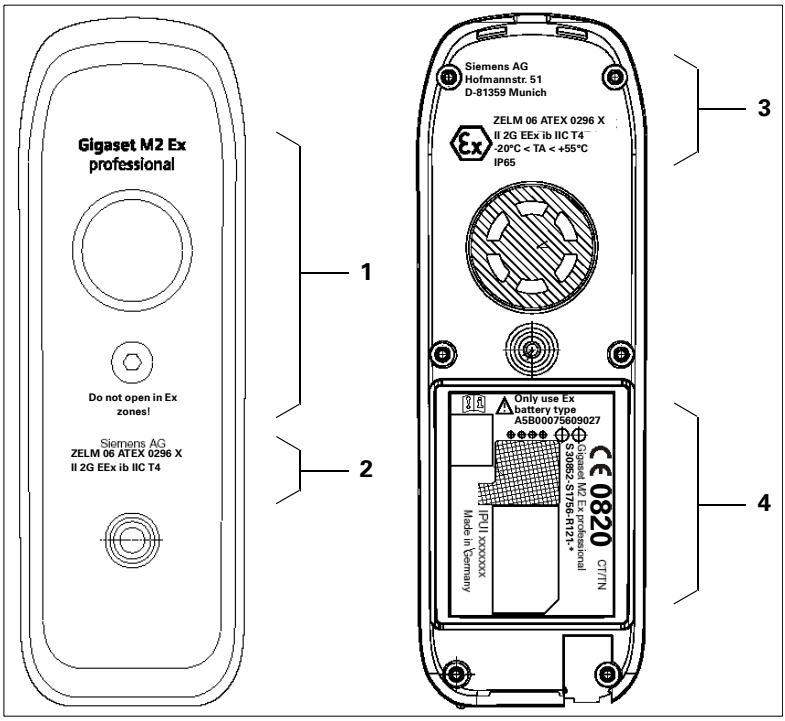
- TBR 10
- TBR 22

Additional requirements for industrial environments:

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

ATEX certification

This handset conforms to the ATEX directive 94/9/EC.



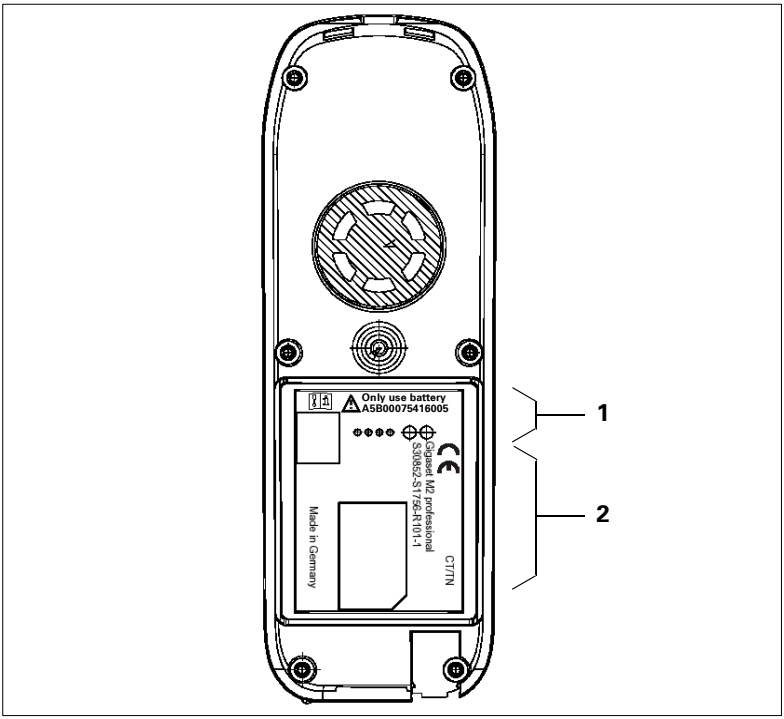
1 • Series and type:
Gigaset M2 Ex professional
• Warning: Do not open in Ex zones!

2 • Vendor: Siemens AG
• Name of inspection authority and certificate number:
ZELM 06 ATEX 0296 X
• Device group and ignition protection type:
II 2G EEx ib IIC T4

3 • Name and address of vendor: Siemens AG,
Hofmannstr. 51,
D-81359 Munich
• Name of inspection authority and certificate number:
ZELM 06 ATEX 0296 X
• Explosion prevention marking as well as device group, ignition protection type and IP rating:
II 2G EEx 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

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

Declarations of conformity

The following declarations of conformity only apply 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.

For Gigaset M2 professional:

CE

DECLARATION OF CONFORMITY

We

SIEMENS AG , Communications

Hofmannstr. 51, D-81359 Munich / Germany

declare that the product

Gigaset M2 professional

S30852-H1756-R111-*

(name, type, model or version)

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

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

EN 60950-1:2001	Safety
EN 301 489-1 V1.5.1	EMC, Emission & Immunity Radio Equipment
EN 301 489-6 V1.2.1	EMC, Emission & Immunity DECT Equipment
EN 301 406:2001	DECT Access
EN 300 328-2 V1.2.1	EMC and Radio Spectrum Matters WLAN Equipment (2,4 GHz)
EN 50360:2001	EMF, General Public Human Field Exposure (SAR)
EN 50371:2002	EMF, General Public Human Field Exposure (SAR)

Other standards or national regulations:

TBR 10 Annex D:1997	Acoustic Shock (DECT/WLAN)

Munich, April 27, 2006

(Place and date of issue)

Siemens Aktiengesellschaft

(Name and signature of authorized person)

(Name and signature of authorized person)

For Gigaset M2 Ex professional:

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

CE 0820

DECLARATION OF CONFORMITY

We

SIEMENS AG , Communications

Hofmannstr. 51, D-81359 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 60950-1:2001	Safety
EN 55022:1998 Class B EN 55024:1998	EMC, Emission ITE Residential Environment EMC, Immunity ITE Residential Environment
EN 301 406:2001	DECT Access

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

EN 60079-0:2004	Electrical equipment for use in potentially explosive atmospheres general rules
EN 50020:2002	Electrical equipment for use in potentially explosive atmospheres intrinsic safety

Siemens Aktiengesellschaft

(Name and signature of authorized person)

Munich, July 24, 2006

(Place and date of issue)

(Name and signature of authorized person)

ZER06100.doc Owner: Com ESY SME Number of Declaration: 06/ 100

EC-TYPE-EXAMINATION CERTIFICATE

Prüf- und Zertifizierungsstelle

ZELM Ex

(1) **EC-TYPE-EXAMINATION CERTIFICATE**

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

(3) EC-TYPE-EXAMINATION CERTIFICATE Number:

ZELM 06 ATEX 0296 X

(4) Equipment: **DECT-Telefon Gigaset M2 Ex professional Typ S30852-S1756-R121-***

(5) Manufacturer: **SIEMENS AG**

(6) Address: **D – 81379 München**

(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 0390619471.

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

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 2 G EEx ib IIC T4**

Zertifizierungsstelle **ZELM** Ex

Dipl.-Ing. Harald Zelm

Zertifizierungs- und Prüfstelle ZELM Ex

Braunschweig, July 20, 2006

Page 1/3

EC 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.
This English version is based on the German text. In the case of dispute, the German text shall prevail.

Prüf- und Zertifizierungsstelle ZELM Ex • Siekgraben 56 • D-38124 Braunschweig

Prüf- und Zertifizierungsstelle

ZELM Ex

(13) **SCHEDULE**

(14) **EC-TYPE-EXAMINATION CERTIFICATE ZELM 06 ATEX 0296 X**

(15) Description of equipment

The DECT-Telephon Gigaset M2 Ex professional Type S30852-S1756-R121-* is used to transmit signals within explosive areas. The power supply is realized by associated embedded accumulators.

The allowable ambient temperature range is –20°C to +55°C.

The sign "*" within the type designation stands for a continuous alphanumerical sign which is used to differ not safety relevant versions of the documentation of the equipment as determined in the accordant policy.

Electrical Data

Internal circuits

Supply: type of protection Intrinsic safety EEx ib IIC
by an associated Lithium – Ion – battery

Transmitting power up to 250 mW

External circuits

Interface circuits: type of protection Intrinsical safety EEx ib IIC
(Pin 1 to 14) Only for connection of certified operating elements
maximum values

U_o = 5,4 V
I_o = 210 mA
(linear output characteristic)

Max. permissable external capacitance C_o = 65 µF
Max. permissable external inductance L_o = 335 µH

Charging circuits: Only for conection to the associated charger.
(Pin 1 and 2) rated values:

U = 5 V
I = 400 mA

(16) Report No.

ZELM Ex 0390619471

Page 2/3

EC 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.
This English version is based on the German text. In the case of dispute, the German text shall prevail.

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Prüf- und Zertifizierungsstelle

ZELM Ex

Schedule to EC-TYPE-EXAMINATION CERTIFICATE ZELM 06 ATEX 0296 X

(17) Special conditions for safe use

1. The operation manual has to be observed. The charging of the battery is only permitted outside hazardous areas and only with the associated charger.
2. A degree of protection of IP 20 is sufficient for the certification of the DECT – telephone for use in explosive gas atmospheres. Testing of higher levels of degrees of protection is not part of this EC – type examination Certificate.
3. Before the DECT – telephone is brought and used in explosive atmospheres a function test has to be made.
4. In cases of damage or non correct mode of operation the DECT – telephone has to be switched off immediately and has to be brought outside of hazardous areas.
5. The DECT – telephone shall only operate with certified accessories when used in explosive atmosphere.
6. The DECT – telephone shall only be used with the associated sealing plug at the interface when used in explosive atmospheres.
7. The DECT-telephone shall only be used within the allowed ambient temperature range of –20°C to +55°C.

(18) Essential Health and Safety Requirements

met by standards

Zertifizierungsstelle **ZELM** Ex

Zertifizierungsstelle Prüf- und ZELM Ex

Braunschweig, July 20, 2006

Dipl.-Ing. Harald Zelm

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EC 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. This English version is based on the German text. In the case of dispute, the German text shall prevail.

Prüf- und Zertifizierungsstelle ZELM Ex • Siekgraben 56 • D-38124 Braunschweig

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The device has been manufactured in accordance with our certified quality management system (DIN EN ISO 9001).

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