HiPath 3000, HiPath 500

Gigaset M2 professional
Gigaset M2 plus professional
Gigaset M2 Ex professional
in
HiPath Cordless Office

Operating Manual

This device is intended for commercial use only. Read the safety precautions carefully before use.
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 operated if this battery pack is installed. Other battery packs are strictly prohibited. If they are used, Ex protection is no longer valid.
- Never open the handset battery compartment in an Ex zone. Battery pack removal, charging or transportation is not permitted in these zones.

Charging the battery pack

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

Headset:

- A corded headset may not be used in the Ex area. Only Ex authorised Bluetooth headsets may be used. For more information, consult your system administrator.
Using Gigaset M2 professional, Gigaset M2 plus professional and Gigaset M2 Ex professional

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

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

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

**Attention:**
- Do not use a standard rechargeable battery pack. This can result in serious injury and material damage (risk of explosion, degradation of battery pack cladding, functional interference and handset damage).
- Avoid contact with fire and water.
Compliance to german BGR 139 (Personal alarm functionality)

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

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

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

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

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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.

Personal alarm functionality

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

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

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

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

Optional, Gigaset M2 plus professional and Gigaset M2 Ex professional monitor the following devices functions:

- "Battery charging"
- "Synchronism to the DECT base station"
- "Communication to the emergency call receiving centre (PNEZ)"

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

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

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

**HiPath 3000, HiPath 4000, Gigaset S310isdn professional**

**Personal Alarm Signal Devise**

**Gigaset M2 plus professional**

**Gigaset M2 Ex professional**
Conducting calls – the basic functions

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

Internal calls are calls that
• you make within the range of a communication system, for example, within your company,
• you make between networked communication systems, for example, to different company locations.

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

Activating/deactivating the handset

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

PIN

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

Enter the PIN

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:

<table>
<thead>
<tr>
<th>Flashing icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>flashing, no reception</td>
</tr>
<tr>
<td></td>
<td>Low receive field strength</td>
</tr>
<tr>
<td></td>
<td>50% receive field strength</td>
</tr>
<tr>
<td></td>
<td>75% receive field strength</td>
</tr>
<tr>
<td></td>
<td>100% receive field strength</td>
</tr>
</tbody>
</table>

The radio range is different indoors and outdoors (Page 128). 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 23).

**Seize the line first, then dial**

When the handset is idle: Press and hold down the Talk key or press the Speakerphone key.

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

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

**either:**

The user answers. Conduct the call.

**or:**

The user is busy or rejects the call.

Press the On-hook key briefly.

Feature not available.

Please replace handset.
Step by Step

Dial first, then seize the line

Dialling preparation:

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

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

Note:

The dialling preparation function is also available with number redial and when dialling from the handset’s phonebook.

Dialling:

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

The user answers. Conduct the call.

The user is busy or rejects the call.

Press the On-hook key briefly.

Dialling an emergency number

Your handset lets you dial the emergency number saved even when your keypad is locked. The emergency number is set to “112” by default. You can change the emergency number (Page 33).

Enter the emergency number, for example, 112.

Press the Talk or Speakerphone key.
Manual number redial

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

When the handset is idle: Press the Talk key briefly. The redial list is displayed.

Select the required telephone number.

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

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

Open the redial menu. The menu contains the following functions (→ Page 48):
- Copy to Directory
- Automatic Redial
- Display Number
- Delete Entry
- Delete List

Select the menu item and confirm.

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

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

Callback

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

You can also send a callback request as a message (→ Page 98). This function can also be called by entering the code (→ Page 123).
Conducting calls – the basic functions

**Step by Step**

**Booking a callback**

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

Save the callback request.

Press the On-hook key to end the operation.

**You receive a Callback call**

You will receive the callback, as soon as the user you want has hung up or the first time he uses his telephone. The following appears on your handset display “Callback:...”.

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**

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Select the menu item and confirm.

Select the entry.

Call the additional menu.

Select the menu item and confirm.

Press the On-hook key to end the operation.
Conducting calls – the basic functions

Step by Step

Enquiry

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

You are on a call.

Activating and conducting an enquiry/consultation call

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

Enter the phone number for the consultation call.

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

The second user is busy or does not answer

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

During the consultation you can

- book a callback (→ Page 5),
- activate call waiting (→ Page 77) or
- override (→ Page 79).

The consultation is ended and you return to the waiting call

either:

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

or:

Call the system menu.

Select the menu item and confirm.

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

However, you can also

- toggle between the partners (→ Page 82),
- set up a conference (→ Page 83) or
- transfer the waiting partner to the second partner (→ Page 80).
Step by Step

Answering or rejecting a call

Answering a call

Your handset rings (→ Page 33). The caller information appears on the display. The name and/or telephone number of the caller can be displayed. The following options are available for answering a call:

- The handset is in the charging shell: remove the handset from the charging shell (only works if “Auto Answer” is active → Page 33).
- 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 80),
- place the call on hold and consult with someone else in the room (→ Page 82),
- place the call on hold and call a second partner (→ Page 7) in order to forward (→ Page 80) or toggle the call (→ Page 82) or to set up a conference (→ Page 83).

Rejecting a call

If you do not wish to be disturbed, you can reject the call.

Confirm the message displayed with one of the two display keys. The call is rejected and the caller hears the busy tone.
Step by Step

Picking up a call in a call pickup group

You can use your handset to pick up calls to telephones within your call pickup group (set by the service engineer). This is also possible when you are conducting a call.

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

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

Call the system menu.

Select the menu item and confirm.

Conduct the call.

Ending a call

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

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

Forwarding calls

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

Activating call forwarding

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.
Step by Step

Select the menu item and confirm.

Select the menu item and confirm.

Enter the destination phone number.

Save the settings.

Press the On-hook key to end the operation.

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

Deactivating call forwarding

Prerequisite:
The room monitor function is activated.

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

Call the system menu.

Select the menu item and confirm.

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

Activating or deactivating the keypad lock

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

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

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

Note:
You can dial a pre-programmed emergency number when the keypad is locked.
After leaving the radio network

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

You can switch off your handset to save the battery pack.
### Description of controls

#### Function keys

The following function keys are available:

<table>
<thead>
<tr>
<th>Key</th>
<th>Name</th>
<th>Use</th>
</tr>
</thead>
</table>
| On-hook and on/off key |  | • End a call  
 |  |  | • Cancel functions  
 |  |  | • Jump back to the previous menu (only following )  
 |  |  | • Activate or deactivate the handset  
| Talk key |  | • Answer a call  
 |  |  | • Dial a phone number  
 |  |  | • Open the redial list  
 |  |  | • Access telephone system functions  
| Speakerphone key |  | • Answer a call  
 |  |  | • Dial a phone number  
 |  |  | • Toggle between handset to speakerphone 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  

Description of controls

<table>
<thead>
<tr>
<th>Key</th>
<th>Name</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Alarm key" /></td>
<td>Alarm key</td>
<td>• Programmable speed-dialling key (just like the left display key, for instance)</td>
</tr>
<tr>
<td><img src="image" alt="Volume key" /></td>
<td>Volume key (+/-)</td>
<td>• 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</td>
</tr>
</tbody>
</table>

## Navigation key

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

<table>
<thead>
<tr>
<th>Situation</th>
<th>Press top of key</th>
<th>Press bottom of key</th>
<th>Press left side of key</th>
<th>Press right side of key</th>
</tr>
</thead>
<tbody>
<tr>
<td>In idle status</td>
<td>Set the ringer</td>
<td>Open the mobile’s telephone directory</td>
<td>Call the system menu</td>
<td>Short: Open the handset’s main menu Long: Initiate language selection</td>
</tr>
<tr>
<td>During a call</td>
<td>Set the voice/telephone volume</td>
<td>Open the mobile’s telephone directory</td>
<td></td>
<td>Select “Loudspeaker Vol”, “GAP DTMF”, “Base Settings”</td>
</tr>
<tr>
<td>In the main menu</td>
<td>Select a menu icon</td>
<td>Select a menu icon</td>
<td>Select a menu icon</td>
<td>Select a menu icon</td>
</tr>
<tr>
<td>In lists and menus</td>
<td>Next-higher item in the list</td>
<td>Next-lower item in the list</td>
<td>Next menu level up, cancel</td>
<td>Select an entry (OK)</td>
</tr>
<tr>
<td>In the input field</td>
<td>Move the cursor up one line</td>
<td>Move the cursor down one line</td>
<td>Move the cursor left</td>
<td>Move the cursor right</td>
</tr>
<tr>
<td>Change values</td>
<td></td>
<td></td>
<td></td>
<td>Reduce value</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Name</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>📖</td>
<td>Menu</td>
<td>Open the handset’s main menu or a situation-specific menu</td>
</tr>
<tr>
<td>❌</td>
<td>Delete</td>
<td>Delete the entry character by character from right to left</td>
</tr>
<tr>
<td>🔽</td>
<td>Go Back</td>
<td>Go back to the next highest menu level, cancel</td>
</tr>
<tr>
<td>OK</td>
<td>OK</td>
<td>Confirm the selected menu item</td>
</tr>
<tr>
<td>↑</td>
<td>Up/down</td>
<td>Scroll up or down to select menu items</td>
</tr>
<tr>
<td>✎</td>
<td>Define a function</td>
<td>Program a function for the left display key. Displayed until a function is programmed.</td>
</tr>
<tr>
<td>Change</td>
<td>Change</td>
<td>Change the configuration</td>
</tr>
<tr>
<td>Play</td>
<td>Play</td>
<td>Play a melody</td>
</tr>
<tr>
<td>2ndCall</td>
<td>2ndCall</td>
<td>Accept call waiting</td>
</tr>
<tr>
<td>View</td>
<td>View</td>
<td>Display entry or picture</td>
</tr>
<tr>
<td>Off</td>
<td>Off</td>
<td>Deactivate automatic redial/function</td>
</tr>
<tr>
<td>End</td>
<td>End</td>
<td>End melody playback</td>
</tr>
<tr>
<td>Beep</td>
<td>Beep</td>
<td>Activate the warning tone</td>
</tr>
<tr>
<td>Yes</td>
<td>Yes</td>
<td>Confirm the security check question</td>
</tr>
<tr>
<td>Toggle</td>
<td>Toggle</td>
<td>Toggle between two partners</td>
</tr>
<tr>
<td>Options</td>
<td>Options</td>
<td>Open a context-specific handset menu</td>
</tr>
<tr>
<td>Enquiry</td>
<td>Enquiry</td>
<td>Make an enquiry/consultation</td>
</tr>
<tr>
<td>Callback</td>
<td>Callback</td>
<td>Conduct a callback with a second partner</td>
</tr>
<tr>
<td>Silent</td>
<td>Silent</td>
<td>Confirm handset appointment reminder call</td>
</tr>
<tr>
<td>Set</td>
<td>Set</td>
<td>Set number keys</td>
</tr>
</tbody>
</table>
Additional icons can be displayed by programming the left display key with a function, for example, the name of a directory (Page 112).

### 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:

<table>
<thead>
<tr>
<th>Icon</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="icon" alt="Save" /></td>
<td>Save entries</td>
</tr>
<tr>
<td><img src="icon" alt="Phonebk" /></td>
<td>Open the system’s phonebook</td>
</tr>
<tr>
<td><img src="icon" alt="Appoint." /></td>
<td>Activate handset appointment reminder function</td>
</tr>
<tr>
<td><img src="icon" alt="Dial" /></td>
<td>Dial the digits entered</td>
</tr>
<tr>
<td><img src="icon" alt="Alarm" /></td>
<td>Activate alarm function</td>
</tr>
<tr>
<td><img src="icon" alt="Time" /></td>
<td>Enter the time and date. Displayed until the time and date are set.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Icon</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="icon" alt="Open the &quot;Data Transfer&quot; menu. Contains the menu items &quot;Bluetooth&quot; and &quot;Directory&quot;." /></td>
<td>Open the &quot;Data Transfer&quot; menu. Contains the menu items &quot;Bluetooth&quot; and &quot;Directory&quot;.</td>
</tr>
<tr>
<td><img src="icon" alt="Open the mask for setting the alarm clock. You can enter a wake-up time here." /></td>
<td>Open the mask for setting the alarm clock. You can enter a wake-up time here.</td>
</tr>
<tr>
<td><img src="icon" alt="Open the &quot;Add. Features&quot; menu. Contains the menu item &quot;Missed Dates&quot;." /></td>
<td>Open the &quot;Add. Features&quot; menu. Contains the menu item &quot;Missed Dates&quot;.</td>
</tr>
<tr>
<td><img src="icon" alt="Open &quot;Calendar&quot;. Displays the calendar for the relevant month. It then allows you to set a new reminder. The list of fixed reminders also appears." /></td>
<td>Open &quot;Calendar&quot;. Displays the calendar for the relevant month. It then allows you to set a new reminder. The list of fixed reminders also appears.</td>
</tr>
<tr>
<td><img src="icon" alt="Open the &quot;H/Set Settings&quot; menu. Contains the menu items &quot;Date/Time&quot;, &quot;Audio Settings&quot;, &quot;Display&quot;, &quot;Handset&quot; and &quot;Base&quot;." /></td>
<td>Open the &quot;H/Set Settings&quot; menu. Contains the menu items &quot;Date/Time&quot;, &quot;Audio Settings&quot;, &quot;Display&quot;, &quot;Handset&quot; and &quot;Base&quot;.</td>
</tr>
</tbody>
</table>

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 21).
• 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.
Putting the handset into service

Procedure

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

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

3. Insert/replace battery pack and memory card
   1. Remove any old battery packs (1). If necessary, slide the memory card out of the retainer and remove it (2). Lift the memory card out of the positioning device.
   2. Insert the memory card and slide it into the retainer until it snaps into place (3). Make sure to line up the notched corner when positioning the memory card in the retainer.
   3. Insert the new battery pack [at a slant, head first and with the contacts facing down] (4). Then press it down into the compartment until the battery pack’s positioning clip firmly snaps into place (5).
4. Closing the battery compartment
1. Slide the battery cover upwards over the housing (1).
2. Press the battery cover down until it snaps into place (2).
3. Insert the Allan key and make sure the screw is securely tightened (3).

5. Fit the attachment clip
Push the attachment clip onto the stud until it snaps into place.
Putting the handset into service

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**: use the handset without replacing it in the charging shell until the "battery low" beep is heard.
- **For future charging**: you can replace your handset in the charging shell each time it has been used. Charging is electronically controlled which ensures that the battery pack is charged optimally.

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

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Battery pack is flat</td>
</tr>
<tr>
<td></td>
<td>Battery pack is approx. 1/3 charged</td>
</tr>
<tr>
<td></td>
<td>Battery pack is approx. 2/3 charged</td>
</tr>
<tr>
<td></td>
<td>Battery pack is fully charged</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Capacity (mAh)</th>
<th>Stand-by mode (hours)</th>
<th>Talk time (hours)</th>
<th>Charging time (hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 (original battery pack)</td>
<td>approx. 380 (16 days), prerequisite: no backlight</td>
<td>approx. 12</td>
<td>approx. 3.7</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Battery pack</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>For Gigaset M2 professional: Lithium-Ion, 1000 mAh</td>
<td>A5B00075416005</td>
</tr>
<tr>
<td>For Gigaset M2 Ex professional: Lithium-Ion, 1000 mAh, including electronic components</td>
<td>A5B00075609027</td>
</tr>
</tbody>
</table>

Danger of explosion:

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

Attention:

For Gigaset M2 Ex professional: Only use approved Ex battery packs (see the "Permitted battery packs" section in the operating manual). Ex authorisation is only valid and the handset can only be operated if this battery pack is installed. Other battery packs are strictly prohibited. If they are used, Ex protection is no longer valid.
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 18)

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

3. **Close the battery compartment**
   (➔ Page 18)

4. **Fit the attachment clip**
   (➔ Page 18)
**Setting the handset display language**

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

**Opening the main menu**

Open the handset’s main menu.

**Opening the first submenu**

either:
- **H/Set Settings**
  Select the menu icon and confirm.
  or:
  - **Einstellungen**
    Select the menu icon and confirm.

**Opening the second submenu**

either:
- **Handset**
  Select the menu item and confirm.
  or:
  - **Mobilteil**
    Select the menu item and confirm.

**Opening the third submenu**

either:
- **Language**
  Select the menu item and confirm.
  or:
  - **Sprache**
    Select the menu item and confirm.
Step by Step

Selecting a language

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 "841" and then select the correct language.
- If you want to reset the default display language: Page 40.

Setting the system display language

If you wish to change the language of the display texts, then you must also change the system language on the handset. A different language can be set for every handset on the system.

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

Call the system menu.

Select the menu item and confirm.

Press the On-hook key to end the operation.
Setting the handset

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

Setting the speaker volume

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

- Volume in handset mode. Five volume levels are possible.
  
  **Attention:** Volumes 4 and 5 are designed for noisy environments (high-pitched, loud background noise)

- Volume in speakerphone mode. Five volume levels are possible. You can only change the speakerphone volume if the speakerphone is active (→ Page 42).

You are on a call.

either:

- Open the menu for setting the volume.

or:

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

Select the menu item and confirm.

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

Define settings.

Press the display key if you want to permanently save the setting.
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 114) and manage them on the handset (→ Page 28). When selecting the menu, the ringer sounds at the current setting. You can choose between three ringer volumes, as well as a crescendo ring (volume increases gradually) and no ringer.

You can activate distinctive ringing tones on your handset to help you differentiate between calls and appointments:

- Ext. Calls
- Internal Calls
- Appointments
- All

Open the handset’s main menu.

Select the menu icon and confirm.

Select the menu item and confirm.

Select the required menu item and confirm. The input mask, for example, for external calls is displayed.

1 Ringer volume
2 Ringer melody
3 Announce the caller name by playing back the speech pattern saved

Set volume.

Move the cursor down one line.

etc.
Setting the handset

**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 the settings.

**Advisory tones**

The advisory tones have the following meaning:

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

Open the handset’s main menu.

Select the menu icon and confirm.

Select the menu item and confirm.

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

1. Key tone status
2. Confirmation tone status
3. Battery tone status
Step by Step

Define settings.
Move the cursor down one line.

Save the settings.
Press the On-hook key to end the operation.

Setting the vibration alert

Open the handset’s main menu.
Select the menu icon and confirm.
Select the menu item and confirm.
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:

<table>
<thead>
<tr>
<th>Icon</th>
<th>Media type</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>🔔</td>
<td>Monophone ringing tones</td>
<td>Standard</td>
</tr>
<tr>
<td>🎵</td>
<td>Polyphone ringing tones</td>
<td>Standard</td>
</tr>
<tr>
<td>🎵</td>
<td>Polyphone ringing tones</td>
<td>.mid</td>
</tr>
</tbody>
</table>
| 📷    | Picture (screensaver)           | BMP
  |                                 | (128 x 100 or 128 x 160 pixels) |
Setting the handset

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 114). These files can be up to 32 KB in size.

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

**Viewing pictures/playing sounds**

Open the handset’s main menu.

Select the menu icon and confirm.

Select the required menu item and confirm.

Select the entry.

Press the display key. Sounds are played back or pictures are displayed.

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 to delete the sound or the picture.
Step by Step

Setting the sound volume during playback

Open the menu.
Select the menu item and confirm. The volume can be set to five different levels in the input mask.
Adjust the volume.
Save setting.

Renaming a sound/picture

Open the handset’s main menu.
Select the menu icon and confirm.
Select the required menu item and confirm.
Select the entry.
Open the menu.
The name of the entry can be modified. Length: up to 16 characters. Then confirm your entry.
Press the On-hook key to end the operation.

Deleting sounds/pictures

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

Open the handset’s main menu.
Select the menu icon and confirm.
Select the required menu item and confirm.
Select the entry.
Open the menu.
Select the menu item and confirm. The selected entry will be deleted.
Setting the handset

Step by Step

Select the menu item and confirm. All deletable entries in the list are deleted.
A deleted ringing tone is automatically replaced. A deleted ringing tone for VIP calls or anniversaries is not automatically replaced.
Press the On-hook key to end the operation.

Checking the available memory

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

Open the handset’s main menu.
Select the menu icon and confirm.
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.

Press the display key. The display ends.
Activating or deactivating the ringer

Deactivating the ringer

Hold down the key until a confirmation tone is emitted.

The ringer is deactivated.

Activating the ringer

Hold down the key until a confirmation tone is emitted.

Deactivating the ringer for the current call

Hold down the key until a confirmation tone is emitted.

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

Activating or deactivating the warning tone

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

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

Activating the warning tone

Hold down the key until a confirmation tone is emitted.

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.
Changing the emergency number

Open the handset’s main menu.
Select the menu icon and confirm.
Select the menu item and confirm.
Select the menu item and confirm. If the check box is unmarked, then there is no emergency number set.
Delete the old emergency number.
Enter the new emergency number.
Save setting.
Press the On-hook key to end the operation.

Activating/deactivating automatic call answering

This function allows you to accept calls by removing the handset from the charging shell.
Open the handset’s main menu.
Select the menu icon and confirm.
Select the menu item and confirm.
Select the menu item and confirm.
Automatic answering is activated.
The activated function is ticked and can be deactivated by selecting it once more.
Press the On-hook key to end the operation.
Setting the date and time

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

either:

1. Open the handset’s main menu.
2. Select the menu icon and confirm.
3. Select the menu item and confirm.

or:

If the date and time have not yet been set:

1. Press the display key.
2. Enter the date, for example, 09/22/2005 = 220905.
3. Move the cursor down one line.
4. Enter the time, for example, 07:05 = 0705.
5. Save the settings.
6. 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.
Display settings

A number of options are available for setting the display. You can set the screensaver (screen picture), the colour scheme, the contrast and the display lighting. You can also change the name displayed for the base station.

Screensaver

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

Open the handset’s main menu.

Select the menu icon and confirm.

Select the menu item and confirm.

Select the menu item and confirm. The mask for activating and setting the screensaver is displayed.

Enable or disable activation.

The active screensaver is displayed.

Move the cursor down one line.

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

The selected screensaver is activated.

Save the settings.

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

1. Open the handset’s main menu.
2. Select the menu icon and confirm.
3. Select the menu item and confirm.
4. Select the menu item and confirm. The colour scheme selected is displayed.
5. Selecting the colour scheme.
6. Confirm your selection.
7. Save setting.
8. 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.

1. Open the handset’s main menu.
2. Select the menu icon and confirm.
3. Select the menu item and confirm.
4. Select the menu item and confirm. The contrast is displayed.
5. Set the contrast.
6. Save setting.
7. Press the On-hook key to end the operation.
Setting the handset

Step by Step

Lighting

You can set whether the display should light up when the handset is in the charging shell or if it is out of the charging shell.

Open the handset’s main menu.

Select the menu icon and confirm.

Select the menu item and confirm.

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

Enable or disable activation.

Move the cursor down one line.

Enable or disable activation.

Save setting.

Press the On-hook key to end the operation.

Base station name

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

Open the handset’s main menu.

Select the menu icon and confirm.

Select the menu item and confirm.

Select the menu item and confirm.

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 the settings.

Delete text.

Enter the required text and correct individual characters as necessary using the "Delete" Display key.
Save the settings.

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.
Setting the conversion list for vCard transfer

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

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

Defining conversion pairs

Open the handset’s main menu.
Select the menu icon and confirm.
Select the menu item and confirm.
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 setting.
Press the On-hook key to end the operation.
**Resetting the defaults**

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

The handset features are handled as follows:

<table>
<thead>
<tr>
<th>Feature</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound settings</td>
<td>are reset</td>
</tr>
<tr>
<td>System registration</td>
<td>is retained</td>
</tr>
<tr>
<td>Phonebook</td>
<td>is retained</td>
</tr>
<tr>
<td>Redial list</td>
<td>is deleted</td>
</tr>
</tbody>
</table>

If the handset was configured as PNG-S (Personal alarm devise with voice communication facility), the PNG service PIN is required for:

- Reset Handset
- Select Base
- Register H/Set
- PNG Configuration

**Resetting**

Open the handset’s main menu.

Select the menu icon and confirm.

Select the menu item and confirm.

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

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

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

**Note:**

For information about deleting the telephone directory see: → Page 56.
### Default settings

<table>
<thead>
<tr>
<th>Setting</th>
<th>Explanation/notes</th>
<th>Levels</th>
<th>Default state</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Audio Settings</strong></td>
<td><strong>Ringer volume</strong></td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Ringer melody, external</td>
<td>10 (+20)</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Ringer melody, internal</td>
<td>10 (+20)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Warning tone</strong></td>
<td>-</td>
<td>off</td>
</tr>
<tr>
<td></td>
<td><strong>Handset volume</strong></td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Volume in speakerphone mode</strong></td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Name announcement</td>
<td>-</td>
<td>off</td>
</tr>
<tr>
<td></td>
<td><strong>Alarm/Appointment</strong></td>
<td>-</td>
<td>off</td>
</tr>
<tr>
<td></td>
<td>Appointment name</td>
<td>-</td>
<td>deleted</td>
</tr>
<tr>
<td></td>
<td><strong>Key tones, audible each time a key is pressed.</strong></td>
<td>-</td>
<td>on</td>
</tr>
<tr>
<td></td>
<td><strong>Warning tone, audible approximately five minutes before the battery runs out.</strong></td>
<td>-</td>
<td>on</td>
</tr>
<tr>
<td></td>
<td><strong>Confirmation tone, indicates whether actions were successful or unsuccessful.</strong></td>
<td>-</td>
<td>on</td>
</tr>
<tr>
<td><strong>Auto Answer</strong></td>
<td>Call is automatically accepted by removing the handset from the charging shell.</td>
<td>-</td>
<td>on</td>
</tr>
<tr>
<td><strong>Select Base</strong></td>
<td>Select the base</td>
<td>4</td>
<td>retained</td>
</tr>
<tr>
<td><strong>Add. Emerg. No</strong></td>
<td>Emergency number, can be dialled when the keypad is locked.</td>
<td>-</td>
<td>112</td>
</tr>
<tr>
<td><strong>Lighting</strong></td>
<td>Dim the display.</td>
<td>-</td>
<td>on*</td>
</tr>
<tr>
<td><strong>Screen Picture</strong></td>
<td>Display in idle status</td>
<td>-</td>
<td>off**</td>
</tr>
<tr>
<td><strong>Character Set</strong></td>
<td>Available character set</td>
<td>-</td>
<td>Standard</td>
</tr>
<tr>
<td><strong>Language</strong></td>
<td>Select different languages:</td>
<td>19</td>
<td>English or German</td>
</tr>
<tr>
<td><strong>Default state</strong></td>
<td>Resetting the defaults deletes the redial call numbers and resets the sound settings. The registration (logon) and the handset PIN are retained.</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

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

**: The screen picture in Gigaset M2 Ex professional is activated at the factory. The Ex icon is displayed.
Conducting calls – enhanced functions

Speakerphone mode

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

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

Activating speakerphone mode
Speakerphone mode can be activated during a call, when dialling or when answering a call:
Remove the handset from your ear.
Press the Speakerphone key. The Speakerphone key lights up. Inform the other party when you want to activate the speakerphone to let others listen in.

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

Switching between speakerphone and handset mode
Press the Speakerphone key. The handset switches from speakerphone to handset mode or vice versa.
The Speakerphone key lights up if speakerphone mode is active. It does not light up if speakerphone mode is deactivated and handset mode is activated.
Conducting calls – enhanced functions

Step by Step

Setting the speakerphone volume
The volume can be set during a call (→ Page 25).

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

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

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

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

Danger:
Only BT headsets with the appropriate Ex protection rating are permitted in potentially explosive atmospheres.
Your Bluetooth headset must be registered on your handset before you can use it for the first time. After this, you can continue to use your Bluetooth headset until you decide to de-register it.

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

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

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

### Registering a Bluetooth headset at the handset

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

1. Open the handset’s main menu.
2. Select the menu icon and confirm.
3. Select the menu item and confirm. The Bluetooth menu is displayed.
4. 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.
5. Select the required headset.
6. Open the handset’s menu.
7. Select the menu item and confirm.
8. 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.
9. The Bluetooth interface is automatically activated on your handset.
10. The active Bluetooth function is ticked.
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.

Press the Talk key or Speakerphone key on the handset. The Bluetooth headset is deactivated. You can continue the call directly on the handset.

De-registering the Bluetooth headset at the handset

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

Open the handset’s main menu.

Select the menu icon and confirm.

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

Select the menu item and confirm. The name of the registered or detected Bluetooth headset is displayed.

Open the handset’s menu.

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.

Open the handset’s phonebook menu.

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.
Conducting calls – enhanced functions

**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.

Open the handset’s phonebook menu.

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

Press the On-hook key to end the operation.

**Changing or deleting voice patterns**

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

Open the phonebook.

Select the required voice dialling entry.

Open the menu.

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.
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.

Select the required telephone number.
Open the redial menu.
Select the menu item and confirm. Automatic redial is activated.

The user answers and you conduct the call.

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

Deleting a redial entry or list

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

Select the required telephone number.
Open the redial menu.
Select the menu item and confirm. The telephone number is deleted.
## Conducting calls – enhanced functions

### Step by Step

<table>
<thead>
<tr>
<th>Action</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delete List</td>
<td>Select the menu item and confirm. The redial list is deleted.</td>
</tr>
<tr>
<td>Press On-hook key</td>
<td>Press the On-hook key to end the operation.</td>
</tr>
<tr>
<td>Add to Directory</td>
<td>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.</td>
</tr>
<tr>
<td>Select required</td>
<td>Select the required telephone number.</td>
</tr>
<tr>
<td>Copy to Directory</td>
<td>Open the redial menu.</td>
</tr>
<tr>
<td>New Entry</td>
<td>Select the menu item and confirm. The phonebook is displayed.</td>
</tr>
<tr>
<td>Mark line</td>
<td>Select the menu item and confirm. The following selection mask appears:</td>
</tr>
<tr>
<td>Confirm entry</td>
<td>Mark the line where you want to insert the phone number.</td>
</tr>
<tr>
<td>Enter remaining</td>
<td>Confirm your entry.</td>
</tr>
<tr>
<td>Contact info</td>
<td>Enter the remaining contact information, such as the first name and surname. For further information, see Page 56 and Page 57.</td>
</tr>
</tbody>
</table>

### 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.

Select the required telephone number.

Open the redial menu.

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

Select the menu item and confirm. The following selection mask appears:

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

Confirm your entry.

Enter the remaining contact information, such as the first name and surname. For further information, see Page 56 and Page 57.
System speed dialling

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

Dialling a system speed dialling destination

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm. This function can also be activated directly by entering the appropriate code (→ Page 123).

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

Note:

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

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

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

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

Call the system menu.

Select the menu item and confirm.
Conducting calls – enhanced functions

Step by Step

Select the menu item and confirm.
Enter the required code (3 digits, 000 - 999).
Within five seconds: enter the suffix-dialling or DID number.

System speed dialling, individual

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

This function can also be called by entering the code (→ Page 123).

Setting up an individual speed dialling destination

Press and hold down the Talk key or press the Speakerphone key.
Call the system menu.
Select the menu item and confirm.
Select the menu item and confirm.
Call the first destination.
Call the next destination.
Call the additional menu.
Select the menu item and confirm.
Enter the external phone number (with external code).
Save the settings.
Press the On-hook key to end the operation.
**Step by Step**

**Dialling an individual speed dialling destination**

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Enter the code for the speed dialling destination.

**System telephone directory**

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

**Calling the system telephone directory**

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

Call the system telephone directory. The first entry appears.

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

**Finding an entry**

Enter the first letters of the name you are looking for. The name search begins. The search result becomes more precise as each letter is entered, i.e. the number of names found is reduced.

Select the user you want.

**Dialling the entry**

Confirm your selection. The selected number is called.
**Telephone database (LDAP)**

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

This function can also be called by entering the code (➔ Page 123).

**Activating the LDAP telephone database**

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

Press the display key.

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

**Entering a name and finding an entry**

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

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

---

**Step by Step**

**Quitting the redial list**

Press the display key.

**Note:**

Phone numbers dialled from the “System telephone directory” are not stored in the redial list.
If configured, you can search for first and last names. First and last names must be separated by a space. Do this by pressing the "0" key. Partial entries are accepted, for example, "mei P" for "Meier Peter".

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

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

Selecting an entry

If a single entry is found, it is displayed. Select the menu item and confirm. The user will be called.

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

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

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

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

If no entries were found

If no entries were found, you can extend the search range by deleting some of the characters entered. Select the menu item and confirm. You can now change your search entry.
Step by Step

If too many entries were found

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

either:

<table>
<thead>
<tr>
<th>Change search string?</th>
<th>OK</th>
</tr>
</thead>
</table>

or:

<table>
<thead>
<tr>
<th>Show results?</th>
<th>OK</th>
</tr>
</thead>
</table>

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

Select the menu item and confirm. The hit list is displayed.
The handset’s phonebook

You can store up to 250 entries in the phonebook.

You can send a phonebook entry as a vCard to your computer over the 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 114).

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:

<table>
<thead>
<tr>
<th>Information</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name*, Surname</td>
<td>A name must be entered in at least one of the fields. Each name can contain up to 16 characters.</td>
</tr>
<tr>
<td>Phone, Phone (Mobile)<em>, Phone (Office)</em></td>
<td>A number must be entered in at least one of the fields. Each number can contain up to 32 digits.</td>
</tr>
<tr>
<td>E-Mail*</td>
<td>E-mail address with up to 60 characters. The special character &quot;@&quot; can be inserted after pressing the asterisk key.</td>
</tr>
<tr>
<td>Anniversary</td>
<td>You can select either &quot;On&quot; or &quot;Off&quot;. If &quot;On&quot; 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)</td>
</tr>
<tr>
<td>CLIP picture*</td>
<td>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.</td>
</tr>
<tr>
<td>VIP Entry</td>
<td>VIP mark and VIP ringing tone. Reached by pressing Options.</td>
</tr>
</tbody>
</table>

* = new for vCard format
**Conducting calls – enhanced functions**

**Step by Step**

**Saving an entry**

When the handset is idle: Open the phonebook.

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:**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Switches mode from abc to Abc, from Abc to 123 and from 123 to abc" /></td>
<td>Switches mode from abc to Abc, from Abc to 123 and from 123 to abc</td>
</tr>
<tr>
<td><img src="image" alt="If predictive text is off: press the key briefly." /></td>
<td>If predictive text is off: press the key briefly.</td>
</tr>
<tr>
<td><img src="image" alt="If predictive text is on: press and hold down the key." /></td>
<td>If predictive text is on: press and hold down the key.</td>
</tr>
<tr>
<td><img src="image" alt="Deletes the letter to the left of the cursor." /></td>
<td>Deletes the letter to the left of the cursor.</td>
</tr>
<tr>
<td><img src="image" alt="Opens the table of special characters." /></td>
<td>Opens the table of special characters.</td>
</tr>
</tbody>
</table>

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.
**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.

- 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.

- Press the display key. The entry’s data is displayed.

- 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.
Conducting calls – enhanced functions

Step by Step

Press the display keys one after the other. The entry’s data is displayed.

or:
Open the menu.
Select the menu item and confirm. The entry’s data is displayed.

then:
Enter changes.
Open the menu.
Save the entry.
Press the On-hook key to end the operation.

Marking a VIP (Very Important Person) entry

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

When the handset is idle: Open the phonebook.
Select the required entry.
Open the menu.
Select the menu item and confirm. The input mask for marking a VIP entry is displayed.
Activate the VIP marking.
Move the cursor down one line.
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.

Open the menu.

either:

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

or:

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

Confirm the security check question. The phonebook is deleted.

Press the On-hook key to end the operation.

Displaying available memory

When the handset is idle: Open the phonebook.

Select any entry.

Open the menu.

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

Copying the entire phonebook or individual entries

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

Restrictions when copying over the communication system

The entries in the handset’s phonebook are stored in vCard format (Page 56). 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 56. The phone numbers are not affected.

Sending a list/entry

Open the phonebook.
Select the entry.
Open the handset’s phonebook menu.

either:

Copy List

or:

Copy Entry

then:

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

Enter a phone no. The following phone numbers are possible:
- 1... 98 – the list or entry is sent directly to the recipient’s handset.
- 00 – the list or entry is sent to the communication system and can then can be downloaded by any handset.
- 99 – the list or entry is sent to the communication system and can then can only be downloaded by your handset.

Confirm your entry. The list or entry is sent.
If a phone number from 1 to 98 was dialled, the list or the entry is automatically received by the recipient’s handset.

**Loading a list or entry from the communication system**

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

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

Call the system menu.

Select the menu item and confirm.

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

Press the On-hook key to end the operation.

**Deleting a list or entry in the communication system**

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

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

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

Call the system menu.

Select the menu item and confirm.

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

Press the On-hook key to end the operation.
**Step by Step**

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

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

This function can also be called by entering the code (→ Page 123).

Press the Talk or Speakerphone key.

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Enter the required multiple subscriber number.

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

**Making calls using identification codes**

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

This function can also be called by entering the code (→ Page 123).

Press the Talk or Speakerphone key.

Call the system menu.

Select the menu item and confirm.
Step by Step

Select the menu item and confirm.
Enter the required account code (optional).
Save the settings.
Enter an external phone number. The phone number is dialled.

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

Using the handset as a second line

You can use your mobile phone for an outgoing call as if it were another line (temporary phone).
This function can also be called by entering the code (→ Page 123).

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

Select the menu item and confirm.
Select the menu item and confirm.
Enter the internal phone number for the relevant line.
Enter the code (lock code) for the relevant line (→ Page 120).
If there is no personal code for the relevant line, the system will prompt you to enter the code.
Enter the required phone number. The phone number is dialled.
The "Temporary phone" function is discontinued again after the call is complete.
Step by Step

Deactivating the phone number display

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

**Deactivating the phone number display**

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

Call the system menu.

Select the menu item and confirm.

Press the On-hook key to end the operation.

**Activating the phone number display**

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

Call the system menu.

Select the menu item and confirm.

Press the On-hook key to end the operation.

**Directed call transfer**

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

This function can also be called by entering the code (→ Page 123).

**Another telephone rings.**

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

Call the system menu.

Select the menu item and confirm.
Conducting calls – enhanced functions

Step by Step

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

Call the additional menu.

either:

Select the menu item and confirm.

or:

Select the menu item and confirm.

Note:

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

Select the menu item and confirm.

Conduct the call.

Activating/deactivating do not disturb

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

Activating do not disturb

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

Call the system menu.

Select the menu item and confirm.

Press the On-hook key to end the operation.
Deactivating do not disturb

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

Call the system menu.

Select the menu item and confirm.

Press the On-hook key to end the operation.

Call charge display

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

Note:

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

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

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

This function can also be called by entering the code (*65=Page 123).

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Press the On-hook key to end the operation.
Call trace

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

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

This function can also be called by entering the code (→ Page 123).

You receive a malicious call.
Do not hang up.

Call the system menu.

Select the menu item and confirm.

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

Press the On-hook key to end the operation.

Entrance telephone

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

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

Some of the functions described below can also be called directly by entering the relevant code (→ Page 123).

Talking to a visitor by means of the door opener equipment

Your handset rings.

either:

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

or:

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

Step by Step

Conducting calls – enhanced functions
Enter the internal phone number for the door opener. You are connected to the door opener.

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

Select the menu item and confirm.

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

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

Call the system menu.

Select the menu item and confirm.

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

Press the On-hook key to end the operation.

**Activating the door release**

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

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

Call the system menu.

Select the menu item and confirm.

Follow the user guidance system from this point onwards. Enter the internal phone number of the door opener, as well as the code and type of door release:
- 1=enable with ring,
- 2=enable w/o ring,
- 3=change password.

Confirm your entries.

Press the On-hook key to end the operation.
Step by Step

Deactivating the door release

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Press the On-hook key to end the operation.

TDS telephone data service

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

This function can also be called by entering the code (→ Page 123).

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

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

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

Press the On-hook key to end the operation.

Note:

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

Activating control relays

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

It is possible to access a specific control relay. Depending on the configuration, the control relays can be
- activated and deactivated automatically, or
- activated and deactivated automatically on the basis of a timer.

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

This function can also be called by entering the code (→ Page 123).

Activating a control relay

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

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

Press the On-hook key to end the operation.

Deactivating a control relay

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

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

Press the On-hook key to end the operation.
## Sending a signal to the network

To enable ISDN-type services/features to be started via analog lines (for example, call waiting when a line is busy, three-way conference calls, etc.), you must send a signal to the network before dialling the service code and/or phone number.

This function can also be called by entering the code (→ Page 123).

You have an external connection.

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Enter the service code and/or the phone number.

### External call forwarding with a multiple subscriber number

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

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

### Activating call forwarding to a "trunk"

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Enter and confirm your own multiple subscriber number.
Conducting calls – enhanced functions

Step by Step

either:

1. immediate?  
   - Select the menu item and confirm.
   - or:

2. on no answer?  
   - Select the menu item and confirm.
   - or:

3. on busy?  
   - Select the menu item and confirm.
   - then:

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

Deactivating call forwarding to a "trunk"

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

Call the system menu.

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

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

- Confirm your entries.
- Press the On-hook key to end the operation.
Using night service

In night service mode, for example, during lunch breaks or after office hours, all external calls are forwarded to a particular internal telephone (night station). The night station can be defined by the service engineer (= standard night service) or by you (= temporary night service). When night service is active, the night station assumes the function of the intercept station.

Activating night service

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

Call the system menu.

Select the menu item and confirm.

either:

Select the menu item and confirm.

"Standard night service" is configured.

or:

Enter an internal phone number.

Save the settings.

"Temporary night service" is configured.

Press the On-hook key to end the operation.

Deactivating night service

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

Call the system menu.

Select the menu item and confirm.

Press the On-hook key to end the operation.
Using dual-tone multifrequency signalling

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

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

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

Automatic tone dialling is not active

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

You are on a call.

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

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

Automatic tone dialling is active

Enter the numbers. All entries are sent as DTMF signals.
Parking/activating calls

You can park up to ten calls (i.e. place them on hold) and then reactivate them at other telephones in your communication system.

Parking a call

You are on a call you wish to park.

1. Call the system menu.
2. Select the menu item and confirm.
3. Select the menu item and confirm.
4. Enter and note the parking position number (0... 9).
   If the parking position number entered is already in use, you must enter another one.

Picking up a specific parked call

Prerequisite:
One or more calls have been parked. Your handset is in stand-by status.

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

1. Call the system menu.
2. Select the menu item and confirm.
3. Select the menu item and confirm.
4. Enter the parking position number you have noted.

Note:
If a parked call is not picked up, it returns to the station from which it was parked after a certain time (= recall). The following appears on the display "Recalling: (phone no. or name)" or "recall from (phone no. or name)".
Conducting calls – with multiple users

Call waiting

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

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

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

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

You receive a call waiting signal (second call)

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

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

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

Placing the first call on hold and answering the second call

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 82) or
- set up a conference (➔ Page 83).
Conducting calls – with multiple users

Step by Step

**Ending the second call**

*either:*

Call the system menu.

Select the menu item and confirm.

*or:*

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

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

**Ending the first call.**

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

Press the Talk key and answer the second call.

**Call waiting tone off/on**

You can suppress the call waiting tone for external calls.

**Deactivating the call waiting tone**

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

Call the system menu.

Select the menu item and confirm.

Press the On-hook key to end the operation.

**Activating the call waiting tone**

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

Call the system menu.

Select the menu item and confirm.

Press the On-hook key to end the operation.
## Step by Step

### Disabling/enabling automatic call waiting

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

#### Disabling the call waiting tone

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

1. Call the system menu.
2. Select the menu item and confirm.
3. Select the menu item and confirm.
4. Press the On-hook key to end the operation.

#### Enabling the call waiting tone

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

1. Call the system menu.
2. Select the menu item and confirm.
3. Select the menu item and confirm.
4. Press the On-hook key to end the operation.

### Override

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

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

1. The user is busy.
2. Call the function.
3. Enter the phone number of the busy user.

---

<table>
<thead>
<tr>
<th>Menu</th>
<th>Service?</th>
<th>Call wait.term.off?</th>
<th>Call wait.term.on?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>OK</td>
<td>OK</td>
<td>OK</td>
</tr>
</tbody>
</table>

**Example**: Call the function, enter the phone number of the busy user, then press override.
The override is established. The user name or phone number, to whom/which the call has been transferred, is displayed.

Override is ended when you hang up the handset.

---

**Note:**

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

---

**Transferring a call**

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

**Transferring (without announcing the transfer)**

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

Call the system menu.

Select the menu item and confirm.

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

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

The number is dialled.

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

or:
- Call the system menu.
  Select the menu item and confirm.
  Press the On-hook key. The target user’s phone rings. He picks up the call by lifting the handset.
Conducting calls – with multiple users

Step by Step

You receive a recall
• immediately if you have made a mistake,
• 45 seconds after the transfer if the required user
does not answer.

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

Transferring
(with announcement of call transfer)

You can use this function to forward a call which you an-
swered to another user.

Call the system menu.

Select the menu item and confirm.

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

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

The number is dialled. The user answers. You an-
nounce the call presently on hold.

either:

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

or:

Call the system menu.

Select the menu item and confirm.
Conducting calls – with multiple users

**Placing a call on hold**

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

You are on a call.

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

**Resuming the call with the waiting user**

Call the system menu.

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

**Toggling (switching between calls)**

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

You are on a call.

Call the system menu.

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.

Press the display key to switch between the two calls.

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

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

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

Setting up a conference

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

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

Call the system menu.

Select the menu item and confirm.

Enter the phone number of the new user.

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

Call the system menu.

Select the menu item and confirm.

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

Forming a conference

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

You are talking to one user.

Call the system menu.

Select the menu item and confirm.

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

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

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

Call the system menu.

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

Enter the phone number of the new user.

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

Call the system menu.

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

Ending a conference

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

Call the system menu.

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

Leaving a conference

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

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

Viewing the names of conference parties

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

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

Viewing the conference parties list

Call the additional menu.

Select the menu item and confirm. The first party is displayed.
Conducting calls – with multiple users

Step by Step

View other parties.

Closing the conference party list

Call the additional menu.

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

Disconnecting a party from the conference

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

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

Call the system menu.

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

Display the required party.

Select the menu item and confirm.

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

Connecting parties

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

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

Call the system menu.

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

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

The second call is an incoming call that is signalled on your handset during a call and can be queried by you (for example, → Page 77).

A second call can be answered in the following call states:
- You are on a single call,
- You are on a consultation call,
- You are holding a conference,
- You are on a call which you intend to add to a conference,
- You are toggling between two partners.

Note:
A second call is not signalled on the Bluetooth headset.
**Group functions**

**Activating/deactivating group calls**

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

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

These functions can also be called directly by entering the relevant code (→ Page 123).

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

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

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

Call the system menu.

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

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

Press the On-hook key to end the operation.
Step by Step

You are a member of several groups

Leaving and re-joining individual groups

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

Call the system menu.

either:

<table>
<thead>
<tr>
<th>Menu</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leave hunt group? OK</td>
</tr>
</tbody>
</table>

or:

<table>
<thead>
<tr>
<th>Menu</th>
</tr>
</thead>
<tbody>
<tr>
<td>Join hunt group? OK</td>
</tr>
</tbody>
</table>

then:

<table>
<thead>
<tr>
<th>Group 1</th>
<th>Group 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Menu</td>
<td></td>
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<tr>
<td>Leave hunt group? OK</td>
</tr>
</tbody>
</table>

or:

<table>
<thead>
<tr>
<th>Menu</th>
</tr>
</thead>
<tbody>
<tr>
<td>Join hunt group? OK</td>
</tr>
</tbody>
</table>

then:

Press the On-hook key to end the operation.

Leaving and re-joining all groups

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

Call the system menu.

either:

<table>
<thead>
<tr>
<th>Menu</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leave hunt group? OK</td>
</tr>
</tbody>
</table>

or:

<table>
<thead>
<tr>
<th>Menu</th>
</tr>
</thead>
<tbody>
<tr>
<td>Join hunt group? OK</td>
</tr>
</tbody>
</table>

then:

The list of groups is displayed.
Step by Step

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

or:

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

then:

Press the On-hook key to end the operation.
**Step by Step**

**Ringing group on**

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

**Adding users to a group**

**First user**

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

![Menu](image)

Select the menu item and confirm.

![OK](image)

Select the menu item and confirm.

![Menu](image)

Select the menu item and confirm.

![Add ext to group?](image)

Enter the required internal phone number.

![Save](image)

Save the settings.

**Other users:**

Call the additional menu.

Confirm.

Enter the required internal phone number.

Save the settings.

Press the On-hook key to end the operation.

**Deleting users**

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

![Menu](image)

Select the menu item and confirm.

![Service?](image)

Select the menu item and confirm.

![+81=](image)

Select the menu item and confirm.
Step by Step

The number of parties added is displayed.

Call the additional menu.

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

Scroll to the required user.

Call the additional menu.

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

Press the On-hook key to end the operation.

UCD (Universal Call Distribution)

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

Logging on/off

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

Logging on

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Select the menu item and confirm.

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

Press the On-hook key to end the operation.
### Step by Step

#### Logging off

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Select the menu item and confirm.

Press the On-hook key to end the operation.

#### Logging on/off temporarily

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

**Logging on**

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Select the menu item and confirm.

Press the On-hook key to end the operation.

**Logging off**

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Select the menu item and confirm.

Press the On-hook key to end the operation.
Wrap-up time

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

Requesting time

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Select the menu item and confirm.

Press the On-hook key to end the operation.

Logging back on

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Select the menu item and confirm.

Press the On-hook key to end the operation.

UCD night service

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

All incoming calls are forwarded to a special call distribution destination.
Night destination on
Press and hold down the Talk key or press the Speakerphone key.
Call the system menu.
Select the menu item and confirm.
Select the menu item and confirm.
Select the menu item and confirm.
Press the On-hook key to end the operation.

Night destination off
Press and hold down the Talk key or press the Speakerphone key.
Call the system menu.
Select the menu item and confirm.
Select the menu item and confirm.
Select the menu item and confirm.
Press the On-hook key to end the operation.

Checking the number of waiting calls
You can check the number of waiting calls for the group.
Press and hold down the Talk key or press the Speakerphone key.
Call the system menu.
Select the menu item and confirm.
Select the menu item and confirm.
Select the menu item and confirm.
Press the On-hook key to end the operation.
Step by Step

Mulap group
(Multiple Line Application)

If your handset’s line belongs to a Mulap group (Multiple Line Application), then you can
- answer calls for the group (press the Talk key in group calls)
- make external telephone calls under the group phone number (the group phone number is stored in the called party’s caller list, for example)
- activate and deactivate the group call function for your handset’s line
- forward the lines of the Mulap group to internal or external destinations

Activating/deactivating group calls

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

either:

Select the menu item and confirm.

or:

Select the menu item and confirm.

then:

Press the On-hook key to end the operation.

Forwarding a Mulap line

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

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

**Forwarding on**

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

Call the system menu. 

Select the menu item and confirm. 

Select the menu item and confirm. 

Select the menu item and confirm. 

Enter a line number. 

either: 

Select the menu item and confirm. 

or: 

Select the menu item and confirm. 

or: 

Select the menu item and confirm. 

Enter the destination number. 

Save the settings. 

Press the On-hook key to end the operation.

**Forwarding off**

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

Call the system menu. 

Select the menu item and confirm. 

Select the menu item and confirm. 

Select the menu item and confirm. 

Enter a line number. 

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

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

Leaving a message/advisory message

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

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

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

Activating an advisory message

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

Call the system menu.

Select the menu item and confirm.

Select the required advisory message.

Expand the message as necessary.

Save the settings.

Select the menu item and confirm.
Step by Step

Enter the required advisory message.
Typing errors can be corrected: activate delete mode by double-clicking the hash key and then use the hash key to delete a character.

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

Save the message.

then:
Press the On-hook key to end the operation.

Deactivating an advisory message

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

Call the system menu.

Select the menu item and confirm.

Press the On-hook key to end the operation.

Sending/calling text messages

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

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

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

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

Step by Step

Send a text message

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

Call the system menu.

Select the menu item and confirm.

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

Select the required advisory message.

Select the menu item and confirm.

Enter the required text message.

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

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

Press the display key.

Press the On-hook key to end the operation.

Opening an incoming text message

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

Press the "message list" key.

Call the additional menu.

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

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

Step by Step

Answering a message or voice-mail message

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

Viewing a new message

either:

Press the message key.

or:

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

Menu

Call the system menu.

Select the menu item and confirm.

Select the required message and confirm your selection.

Display Messages?

Call the additional menu.

Select the menu item and confirm.

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

either:

Call the additional menu.

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

or:

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

then:

Press the On-hook key to end the operation.
Step by Step

Checking for a new voice-mail message

either:

or:

Press the message key.

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

Call the system menu.

Select the menu item and confirm.

Follow the user guidance system from this point onwards.

Press the On-hook key to end the operation.

Checking for an old text message

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

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

Call the system menu.

Select the menu item and confirm.

Select the required message and call the additional menu.

Select the menu item and confirm.

Call the additional menu.

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

Call the additional menu.

either:

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

or:

Delete? OK

then:

Press the On-hook key to end the operation.

Caller list

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

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

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

Note:

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

Selecting a call request

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

Call the system menu.

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

Select a call request.
Message functions

Step by Step

**Calling back a caller**

Call the menu.

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

**Note:**

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

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

**Adding a caller to the caller list**

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

Call the system menu.

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

**Deleting a caller from the caller list**

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

Call the system menu.

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

Select a call request.

Call the menu.

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

Press the On-hook key to end the operation.
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 26.

Activating the alarm clock

The handset is in idle status.

Open the handset’s main menu.

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

Define settings.

Move the cursor down one line.

Enter the time.

Move the cursor down one line.

etc.
Additional functions

Step by Step

Save

Save the settings.

The alarm clock is activated.

Press the On-hook key to end the operation.

Deactivating an alarm/repeating after a pause

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

During the alarm:

either:

Off

Press the display key. The alarm deactivates.

or:

Snooze

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

Deactivating the alarm clock

The handset is in idle status.

Open the handset’s main menu.

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

Define settings.

Save setting.

Save

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

Step by Step

Handset appointment reminder function

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

Saving an appointment

The handset is in idle status.

Open the handset’s main menu.

Select the menu icon 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 settings.

Move the cursor down one line.

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

Move the cursor down one line.

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

Move the cursor down one line.

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.

Press the display key during the appointment reminder call.

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

Deactivating an appointment reminder

The handset is in idle status.

Open the handset’s main menu.

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

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

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

Call the additional menu.

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

Save setting.

Press the On-hook key to end the operation.

Deleting an appointment reminder or the entire list of appointment reminders

The handset is in idle status.

Open the handset’s main menu.

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

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

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

Call the additional menu.
**Step by Step**

**either:**

![Delete Entry](image)

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

**or:**

![Delete List](image)

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

![Yes](image)

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

**then:**

![Save](image)

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.](image)

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.

![Add. Features](image)

Open the handset’s main menu.

![Missed Dates](image)

Select the menu item and confirm.

Select a list of missed/unconfirmed appointments is displayed. The last appointment missed is always on top and the oldest is last.

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

If applicable, delete the selected appointment.

Press the On-hook key to end the operation.
**System appointment function**

You can use your handset to enter a single appointment for the next 24 hours or an appointment that recurs on a daily basis.

When the appointment is due, your handset rings for approx. 20 seconds to remind you of your appointment. The entered appointment appears on the display. This appointment call is deleted when you confirm it. Alternatively it is deleted automatically after it has been repeated 5 times at one-minute intervals.

This function can also be called by entering the code (→ Page 123).

**Saving an appointment**

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Enter the required time.

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

Select the menu item.

Select the menu item and confirm.

Save the settings.

Press the On-hook key to end the operation.
Deleting/ checking entered appointments

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Call the additional menu.

Select the menu item and confirm.

Select the menu item and confirm.

Press the On-hook key to end the operation.

Confirming an appointment

The handset rings and the appointment is displayed.

Press the Talk key.

Press the On-hook key. The appointment is confirmed.
**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 37).

1. Open the handset’s main menu.
2. Select the menu icon and confirm.
3. Select the menu item and confirm.
4. Select the menu item and confirm.

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

- 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. For example: The handset is registered at the Gigaset home base as well as at the cordless system in the company.

Press the On-hook key to end the operation.
Step by Step

Speed access to functions and phone numbers

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

Configuring speed access

either:

0 / 2 ... 9

Press the required number key briefly.

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

Press the display key.

or:

0 / 2 ... 9 /

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

then:

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

- Speed dialling
- Alarms (→ Page 104)
- Calendar
- Bluetooth

Select and confirm the function.

If the "Quick Dial" function was selected:

Select the required phone number and confirm.
**Step by Step**

**Starting a function, dialling a phone number**

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

- **or:**

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

**For example:** **Alarm Clock**

**then:**

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

- A phone number from the handset’s telephone directory is dialled.
- The menu associated with the programmed function is opened.
Data exchange between a PC and a handset or between two handsets

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

Interface overview

The handset supports the following interfaces for data exchange:

<table>
<thead>
<tr>
<th>Interface</th>
<th>Connect via...</th>
<th>Data transfer between...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serial V24 interface</td>
<td>Cable (Slim Lumberg)</td>
<td>PC &lt;-&gt; handset</td>
</tr>
<tr>
<td>USB interface</td>
<td>Cable (Slim Lumberg)</td>
<td>PC &lt;-&gt; handset</td>
</tr>
<tr>
<td>Bluetooth interface</td>
<td>Radio, cordless</td>
<td>PC &lt;-&gt; handset and Handset &lt;-&gt; handset</td>
</tr>
</tbody>
</table>

Mobile Phone Manager (MPM application)

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

**Note:**

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

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

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

For more detailed information, refer to the Mobile Phone Manager help function.
**PC interface (V24, USB)**

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

**Configuring the PC interface**

To configure the PC interface, you must:

1. deactivate the Bluetooth interface on the handset (→ Page 118).
2. use a Siemens data cable (→ Page 129) 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 118), then switch the handset off and back on.

---

**Data transfer mode**

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

The handset is switched to data transfer mode by:

- activating read/write access to the phonebook
- loading screensavers
- loading melodies

---

**Note:**

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

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

**Note:**

Theoretically, third parties can tap Bluetooth connections.

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

Transferring a phonebook from handset to handset via Bluetooth

**Prerequisite:** The Bluetooth interface on the other handset (→ Page 118) must be active.

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

**On your handset**

Open the handset’s main menu.

Select the menu icon and confirm.

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

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.

Select the required device, for example, the other handset.

Open the handset’s menu

Select the menu item and confirm.

Enter the Bluetooth PIN and confirm (default: 0000). The device is recorded in the list of known devices.
On the other handset:

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

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:

Select the menu item and confirm.

or:

Select the menu item and confirm.

then:

Select the menu item and confirm.

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.
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**

1. Open the handset’s main menu.
2. Select the menu icon and confirm.
3. Select the menu item and confirm. The Bluetooth menu is displayed.
4. Select the menu item and confirm. The Bluetooth interface is deactivated.
   - The check box is not marked if the Bluetooth function is deactivated.

**Activating the interface**

Follow the procedure described above to activate the Bluetooth interface.

- The active Bluetooth function is ticked.
Telephone blocking

Handset telephone lock

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

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

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

**Attention:**

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

**Entering a new PIN**

Open the handset’s main menu.

Select the menu icon and confirm.

Select the menu item and confirm.

Select the menu item and confirm.

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

Enter the new PIN.

Move the cursor down one line.

Repeat the new PIN.

Confirm your entries.

Press the On-hook key to end the operation.

**Battery charging when PIN lock active**

If the handset deactivates because the battery pack is flat, it automatically reactivates as soon as you place it in the charging shell. The charging operation starts. If you have already set a PIN, you must enter it so that the handset can receive calls.
Telephone blocking

Step by Step

Telephone lock code programming

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

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

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

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

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

Repeat the new PIN.

Press the On-hook key to end the operation.

Note:

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

It is also possible to open your mobile phone from a central station, for example, from the attendant terminal.
Locking/unlocking the handset

You can lock your handset to prevent external dialling and programming, thereby preventing unauthorised use in your absence, for example.

Prerequisite: You have defined a personal code or use the default code "00000".

Locking the handset

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

Call the system menu.

Select the menu item and confirm.

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

Press the On-hook key to end the operation.

Note:

Even though it is locked, you can still use your handset to answer external calls and make internal calls. When an external connection is established, the following message appears on the display "Telephone Lock Active".

Your handset can also be locked from a central station (→ Page 120).

Unlocking the handset

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

Call the system menu.

Select the menu item and confirm.

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

Press the On-hook key to end the operation.
Central telephone lock/locking/unlocking other handsets

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

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

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

Call the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Select the menu item and confirm.

Enter a user’s phone number.

either:

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

or:

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

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

Calling functions via the menu

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

Call the system menu.

Select and confirm the function.

Select the menu item and confirm.

Select and confirm the function.

Select the menu item and confirm.

Select the menu item and confirm.

Select and confirm the function.

Press the On-hook key to end the operation.

Calling functions via codes

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

Enter code.

Enter code.

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

<table>
<thead>
<tr>
<th>Error</th>
<th>Possible cause</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>No display.</td>
<td>Handset not switched on.</td>
<td>Press the On-hook key until confirmation is received.</td>
</tr>
<tr>
<td></td>
<td>The battery pack is flat.</td>
<td>Charge or replace the battery pack.</td>
</tr>
<tr>
<td>You cannot dial a phone number.</td>
<td>The handset is locked.</td>
<td>Unlock the handset.</td>
</tr>
<tr>
<td>No reaction to key-stroke.</td>
<td>Keypad lock activated.</td>
<td>Press the hash key until confirmation is received.</td>
</tr>
<tr>
<td></td>
<td>The key is stuck.</td>
<td>Release the key.</td>
</tr>
<tr>
<td>De-crescendo tone sequence during input.</td>
<td>An incorrect entry was made.</td>
<td>Repeat key sequence while watching the display; where applicable, consult the operating manual.</td>
</tr>
<tr>
<td>The line &quot;Base n&quot; flashes (n= 1 - 4).</td>
<td>The handset is outside the base radio range; radio signals too weak.</td>
<td>Come closer to the base radio range, change your position.</td>
</tr>
<tr>
<td></td>
<td>Handset not registered.</td>
<td>Register the handset.</td>
</tr>
<tr>
<td></td>
<td>Intervals between synchronisation attempts are too long.</td>
<td>Switch off the handset and switch it back on again.</td>
</tr>
<tr>
<td>No ringer on the handset.</td>
<td>Ringer is deactivated.</td>
<td>Activate ringer.</td>
</tr>
<tr>
<td></td>
<td>&quot;Do Not Disturb&quot; is activated.</td>
<td>Deactivate &quot;Do Not Disturb&quot;.</td>
</tr>
<tr>
<td>Error</td>
<td>Possible cause</td>
<td>Remedy</td>
</tr>
<tr>
<td>-------</td>
<td>----------------</td>
<td>--------</td>
</tr>
<tr>
<td>The following appears immediately after the Talk key is pressed: <strong>Connect.</strong> No dial tone available; no calls can be made.</td>
<td>Communication system is being used by other users.</td>
<td>Repeat call later.</td>
</tr>
<tr>
<td>The following, for example, appears: <strong>Base 1</strong> Outgoing and incoming calls and activation/deactivation are not possible.</td>
<td>Handset is blocked.</td>
<td>Remove the battery pack from the handset and then re-insert it. Proceed as when loading batteries for first time (→ Page 20).</td>
</tr>
<tr>
<td>The following appears: <strong>Time exceeded</strong></td>
<td>Maximum input time was exceeded. The On-hook key was not pressed.</td>
<td>Avoid long pauses between keystrokes. Press the On-hook key.</td>
</tr>
<tr>
<td>The following appears: <strong>Re-enter code</strong></td>
<td>The communication system is overloaded.</td>
<td>Wait and try again later.</td>
</tr>
<tr>
<td>The following appears: <strong>Currently not available</strong></td>
<td>Function is currently not available. No connection available under the phone number dialled.</td>
<td>Wait and try again later. Enter the phone number correctly or call the attendant console.</td>
</tr>
<tr>
<td>The following appears: <strong>Not possible</strong> or: <strong>Incorrect entry.</strong> or: <strong>Key not programmed.</strong></td>
<td>Speed-dial number not available, appointment entered incorrectly, entry blocked or not allowed, prerequisite not fulfilled (for example, if there is no second partner for toggling), number dialled was incomplete.</td>
<td>Correct your input, select a permitted option, enter the phone number in full.</td>
</tr>
<tr>
<td>The following appears: <strong>no access</strong></td>
<td>Blocked function was called.</td>
<td>Apply to the relevant service personnel for the COS for the blocked function.</td>
</tr>
<tr>
<td>Error</td>
<td>Possible cause</td>
<td>Remedy</td>
</tr>
<tr>
<td>---------------------</td>
<td>-------------------------------------------------------------------------------</td>
<td>---------------------------------------------------</td>
</tr>
<tr>
<td>The following appears: Denied</td>
<td>Incorrect PIN was entered.</td>
<td>Enter the correct PIN.</td>
</tr>
<tr>
<td>The following appears: not available</td>
<td>Phone number was not fully entered, the star or hash key was not pressed.</td>
<td>Enter the phone number correctly or as prescribed.</td>
</tr>
<tr>
<td>The following appears: protected</td>
<td>Data transfer is active.</td>
<td>Wait and try again later.</td>
</tr>
</tbody>
</table>
Appendix

Cleaning the handset

Removing everyday dirt

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

Exposure to liquids

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

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

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

Danger of explosion:

For Gigaset M2 Ex professional: The Gigaset M2 Ex professional must first be checked by a trained and authorised 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, such as, 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 manual in HTML format, you need a computer with a Web browser, for example, Microsoft Internet Explorer.

Technical data

Maximum sound pressure level as per TBR10, Annex D: <118 dB SPL
Operating and charging times: → Page 20
Permissible ambient conditions for operation due to Ex-requirements: -20°C to +55°C
Full functionality of device guaranteed for: -10°C to +55°C, 100% relative humidity including splashes and low-pressure jets of water (IP 65)
Weight incl. battery pack (without belt clip): approx. 180 g
Battery pack, standard version: A5B00075416005
[Lithium-Ion, 1000 mAh]
Battery pack, Ex version: A5B00075609027
[Lithium-Ion, 1000 mAh]
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, Schutztasche, MPM software), contact Siemens at the following address:

Siemens AG, I&S IS SC S RC, Tübingenstrasse 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 guidelines**

- 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” (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 und BGR

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

Additional requirements:
- TBR 10
- TBR 22

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

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

Additional requirements for industrial environments:
- IEC 61000-6-2 Electromagnetic compatibility (EMC) – Part 6-2: Generic standards - Immunity for industrial environments
Label for Gigaset M2 professional

1. Only use battery A5B00075416005.

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

1 • Name and address of vendor: Siemens AG, Hofmannstr. 51, D-81359 Munich
   • IP rating: IP65

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

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

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

2• Vendor: 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
Declarations of conformity

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

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

Für Gigaset M2 professional:

![CE 0682 declaration of conformity]

SIEMENS AG, Communications
Hofmannstr. 51, D-81359 Munich/Germany

We 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 30069-1:2001 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 301 489-2 V1.2.1 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)

Siemens Aktiengesellschaft

Munich, April 27, 2006

(Place and date of issue)

(Name and signature of authorized person)
Für Gigaset M2 plus professional:

\[\text{CE 0682}\]

DEALERARATION OF CONFORMITY

We

SIEMENS AG, Communications
Hofmannstr. 51, D-81359 Munich / Germany

declare that the product

Gigaset M2 plus professional

S30852-H1756-R131-

(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 301 486-2001  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)

Siemens Aktiengesellschaft

Munich, April 27, 2006

(place and date of issue)

NAME AND SIGNATURE OF AUTHORIZED PERSON

ZER08166.doc

Owner: Com ESY SME

Number of Declaration: 06/06
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-81369 Munich / Germany

declare that the product

Gigaset M2 Ex professional
S30852-S1756-R121-4

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

EN 60950-1:2001 Safety
EN 55022:1998 Class B
EN 55024:1998 EMC, Emission ITE Residential Environment
EN 301 408:2001 DECT Access

EN 60079-0:2004 Electrical equipment for use in potentially explosive atmospheres
EN 60079-0:2002 Electrical equipment for use in potentially explosive atmospheres

Munich, July 24, 2006

(place and date of issue)

(name and signature of authorized person)

(name and signature of authorized person)

ZER26100.doc

Owner: Com ESY SME
Number of Declaration: 08-100
Prüf- und Zertifizierungsstelle

ZELM Ex

EC-TYPE-EXAMINATION CERTIFICATE

1. EC-TYPE-EXAMINATION CERTIFICATE


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 – 81370 München

7. The 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. 0620 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 030619471.

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:

Zertifizierungsstelle ZELM Ex

Braunschweig, July 20, 2006

Dipl.-Ing. Harald Zelm

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Prüf- und Zertifizierungsstelle

ZEML Ex

SCHEDULE

EC-TYPE-EXAMINATION CERTIFICATE ZEML 06 ATEX 0296 X

Description of equipment

The DECT-Telephon Gigaset M2 Ex professional Type S30852-S1756-R121-1 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 "M" within the type designation stands for a continuous alphanumeric 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 Intrinsically safety Ex ia IIC by an associated Lithium – Ion – battery Transmitting power up to 250 mW

External circuits
Interface circuits: type of protection Intrinsically safety Ex ia IIC Only for connection of certified operating elements maximum values

Ua = 5,4 V
Ia = 210 mA
(Linear output characteristic)

Max. permissible external capacitance Ca = 65 µF
Max. permissible external inductance La = 335 µH

Charging circuits: Only for connection to the associated charger. rated values:

U = 5 V
I = 400 mA

Report No.
ZEML Ex 0390819471

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 ZEML Ex.

This English version is based on the German text. In the case of dispute, the German text shall prevail.
Prüf- und Zertifizierungsstelle ZEML Ex • Stieglzeben 96 • D-38124 Braunschweig

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Appendix

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

Braunschweig, July 20, 2006

Dipl.-Ing. Harald Zelm

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 ® Siegener Str. 55 ® D-38124 Braunschweig
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