OpenStage M3/M3 Plus
OpenStage M3 Ex/M3 Ex Plus on HiPath Cordless Office HiPath 3000

Operating Instructions

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

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## Safety notes

## Using the OpenStage M3 Ex and OpenStage M3 Ex Plus handsets in potentially explosive working environments

This handset fulfils 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.
OpenStage M3 Ex and OpenStage M3 Ex Plus were 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 observe 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 IBExU13ATEX1052 can be found 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 battery compartment seal must not be damaged.
- 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 service employees with Ex zone training and authorisation should repair and service the handset.
- When swapping out a malfunctioning device/battery, the technician must return the malfunctioning device/battery to the manufacturer while specifying the customer data.
- Inappropriate use of the handset will result in revocation of its certification for use in Ex zones.


## Battery pack:

- Only use the approved battery pack (see © Seite 120). 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 zone. Only Ex authorised Bluetooth headsets may be used. For more information, consult your system administrator.


## USB cable connection:

- Data may not be transferred via USB cable in the Ex zone.


# Using OpenStage M3, OpenStage M3 Plus, OpenStage M3 Ex and OpenStage M3 Ex Plus 

## Attention:

- Do not use OpenStage M3 and OpenStage M3 Plus 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 and permanently 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 OpenStage M3 and OpenStage M3 Plus 

## Attention:

- Only use the original battery pack from the manufacturer of the OpenStage M3/ OpenStage M3 Plus!
- 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 with BGR 139 (personal alarm functionality) 

## Only for OpenStage M3 Plus and OpenStage M3 Ex Plus!

## 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 an alarm server. Handset operation without an alarm server is not BGR-compliant.
- The alarm functionality cannot be deactivated by the user. Deactivation is only possible via a control call from the alarm server.
- For compliance with BGR 139, the handset may only be configured by specially qualified technicians. The PNG configuration menu is 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 period 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 accelerates over time). If necessary, consult your safety officer.


## WEEE mark

[^0]
## Controls, parts of the device



1 Alarm and emergency call key (red)
2 LED for indicating mode activation and alarm status
3 Example of a 2.5 mm jack for headset (not for OpenStage M3 Ex/ OpenStage M3 Ex Plus)
4 Earpiece
5 Display
6 Display keys
7 Control key
8 Speakerphone key
9 Talk key
10 Star key
11 Microphone

12 Jack for pull cord or dummy connector
13 Hash key
14 Number keys

15 On-hook and on/off key
16 Message key
17 Volume key (+/-)
18 Battery cover
19 Mini USB connection (under battery cover)
20 Screw for battery cover
21 Tone ringing/speakerphone loudspeaker
22 Notch for attachment clip (both sides)

How to use the keys: © Seite 16

## Operating instructions

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

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

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


## Alarm functionality

IIIID Only for OpenStage M3 Plus and OpenStage M3 Ex Plus!
OpenStage M3 Plus and OpenStage M3 Ex Plus offer personal alarm functionality with voice communication capability. A device with this functionality is also described in abbreviated form as PNG (personal alarm device) or as PNG-S (personal alarm device with voice communication capability).

A manual alarm can be triggered via an alarm key. Sensors detect non movement, man down and escape states, which can be signalled as automatic alarms.
An integrated time alarm function is used to determine whether the person being monitored is still responsive. A pull cord is used to check whether the OpenStage M3 Plus is still on the monitored person.

OpenStage M3 Plus and OpenStage M3 Ex Plus optionally monitor the following operating functions:

- Battery charging
- Synchronicity with DECT base
- Communication with an alarm server

A technical warning is reported on the handset in the event of a malfunction.
For more information on the alarm functionality please refer to Kapitel , "Personal alarm functionality".

## Putting the handset into service

## Checking the package contents

- Handset
- Battery pack
- Accessory pack containing the following:
- Battery cover
- Screw for battery cover
- Allen key
- Attachment clip
- Holder for attachment clip
- Dummy plug (OpenStage M3 and OpenStage M3 Ex only)
- Connector with cord for man down alarm (OpenStage M3 Plus and OpenStage M3 Ex Plus only)
- Document "Information on Handset"
- Document "Safety Notes"


## Removing the protective cover



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

## Installing the charger

The charger is designed for operation in closed, dry rooms within a temperature range of $+5^{\circ} \mathrm{C}$ to $+45^{\circ} \mathrm{C}$.

Position the charger on a level, non-slip surface.
The phone's feet do not usually leave any marks on surfaces. However, due to the multitude of different varnishes and polishes used on today's furnishings, the occurrence of marks on the surfaces cannot be completely ruled out.

Please note:

- Never expose the telephone to the influence of heat sources, direct sunlight or other electrical devices.
- Protect your handset from moisture, dust, corrosive liquids and fumes.

1. Connect the flat plug from the power adapter to the charger.
2. Plug the power adapter into the plug socket.


To disconnect the flat plug from the charger, press the release button and disconnect the flat plug.


## Fitting the attachment clip

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

2. Slide the attachment clip onto the pin as it clicks audibly into place.

3. Secure the handset with the attachment clip to the belt. To do this, open the brackets by squeezing the free end and attach it to the belt.


To remove the handset, press the opener on the attachment clip and slide the handset from the pin.


While you are wearing the handset on the belt you will be able to read the display without having to remove the handset, see (7) Page 98.

## Inserting the battery

The handset is supplied with an approved battery. The battery is not charged when supplied. It is first charged in the handset.
$\|\|$ - Do not remove the battery in Ex zones.

- Please observe the safety notes (7) Page 2.
- Only use approved batteries $\overbrace{7}$ Page 120.
- Open the battery compartment in a dust-free environment only.
- Your phonebook entries and all settings remain stored even if you remove the battery. The date and time settings will be reset.
- Only remove the battery if it is defective. The battery's life diminishes each time it is removed.


## Opening the battery compartment

1. Loosen and remove the screw from the battery cover with the Allen key.
2. Insert a suitable screwdriver into the recess between the housing and battery cover, turn it and then raise the battery cover.
3. Lift up the battery cover from the housing.


Inserting the battery
Insert the battery pack (at an angle, nose first and the contacts facing down). Then press it down into the compartment until the battery pack's positioning clip firmly snaps into place.


## Inserting the sealing cover

1. Remove the sealing ring if present.
2. Insert the sealing cover (1) with the labelled side facing up and press firmly into place on all sides, making sure it fits correctly. The protrusions on the side (2) of the sealing cover must fit precisely into the designated notches on the side. The protrusions should be visible externally when the cover is attached and are used for checking that the sealing is in place and fitted correctly.


## Closing the battery compartment

1. Replace the battery cover at the bottom of the housing into the recesses.
2. Then press down the battery cover until it rests firmly on the seal.
3. Insert and tighten the Allen screw.

4. Check visually that the sealing cover has been attached and is correctly fitted. The two yellow protrusions that are visible on the sides of the sealing cover must fit precisely into the notches.


## Charging and using the battery

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

Important：
Only place the handset in the designated charger．（For order numbers see $\odot$ Page 121）．

The charging status is indicated by the charge status LED．

| 回 |
| :---: |
| － |
| $\square$ |
| $\square$ |
| $\square$ |
| $5 \square 5$ 可 5 可 |

－Initial charging：Charge the battery for at least 10 hours without a break， regardless of the charging status icon．
－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 is charged optimally．
－The capacity of the Ex battery pack can diminish due to ageing to the extent that it is no longer sufficient（increasingly faster discharge）for the intended operating life．The Ex battery pack must then be replaced by appropriately trained service personnel．

## Inserting the dummy plug or connector

Insert the dummy connector（1）／connector with cord（2）into the recess provid－ ed．Make sure the dummy connector is positioned correctly．


If you do not require the man down alarm function on the OpenStage M3 Plus or OpenStage M3 Ex Plus you can also use the connector without a cord as a dum－ my connector．

[^1]
## Connecting a corded headset

$\left\|\|_{\square}\right.$ Not for OpenStage M3 Ex and OpenStage M3 Ex Plus!
You can connect a headset with a 2.5 mm jack plug to the left side of your handset.

1. To do this, open the rubber cover using your finger nail and bend it outward.
2. Insert the jack plug into the socket.


The headset volume corresponds to the setting for the earpiece volume (7) Page 88.

Use a Bluetooth headset for Ex-proof equipment, (7) Page 83.

## Connecting a USB data cable

IIII The USB cable must not be connected in Ex zones!
You can connect a USB data cable into the port under the battery cover of your handset.

1. To do this, open the battery cover, as when inserting the battery ${ }^{7}$ Page 9.
2. Insert the mini-USB plug into the socket.



|  |  | Setting the system display langlage <br> If you wish to change the language of the display texts, then you must also <br> change the system language on the handset. A different language can be set for <br> every handset on the system. |
| :--- | :--- | :--- | :--- |

## Description of controls

## Function keys

The following function keys are available:

| Key | Name | Usage |
| :---: | :---: | :---: |
| (3) |  | - End a call <br> - Cancel functions <br> - Go back to the next menu level up <br> - Activate or deactivate the handset |
| $\square$ |  | - Answer a call <br> - Dial a phone number <br> - Open the redial list <br> - Access telephone system functions |
| 4 |  | - Answer a call <br> - Dial a phone number <br> - Toggle between handset and speakerphone mode <br> - Access telephone system functions |
| $\square$ |  | - Access message lists |
| * |  | - When entering the phone number: <br> - Press and release: Insert "*" <br> - Press and hold: Insert "R" <br> - In editor mode (string): Show all special characters <br> - In idle status: Press and hold to switch on/off the ringer |
| \# - |  | - When entering the phone number: <br> - Press and release: Insert "\#" <br> - Press and hold: Insert a dialling pause (for example between the prefix and the phone number or when checking a mailbox) <br> - In editor mode (string): Toggle between uppercase and lowercase and digits <br> - In idle status: Press and hold to switch on/off the keypad lock |
|  |  | - For triggering a manual alarm or emergency call |
| $\square$ |  | - Adjust the volume for ringtones <br> - When conducting a call: Adjust the volume in handset and speakerphone mode and for the headset |

## Control key

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

| Situation | Press top of key <br> Pres bottom of | Cla <br> Pres <br> key | Press left side of <br> key | Press right side of <br> key |
| :--- | :--- | :--- | :--- | :--- |
| In idle status | Call volume | Open the hand- <br> set's phonebook | - | Open the hand- <br> set's main menu |
| During a call | Call volume | Open the hand- <br> set's phonebook | - | Select "Loud- <br> speaker Vol", <br> "GAP DTMF", <br> "Base Settings" |
| In the main menu | Select a menu <br> icon | Select a menu <br> icon | Select a menu <br> icon | Select a menu <br> icon |
| In lists and me- <br> nus | Next-higher item <br> in the list | Next-lower item <br> in the list | Next menu level <br> up, cancel | Select an entry <br> (OK) |
| In the input field | Move the cursor <br> up one line | Move the cursor <br> down one line | Move the cursor <br> to the left | Move the cursor to <br> the right |
| Change values | - | - | Reduce value | Increase value |

The centre key (central key of control key) has an OK function for confirming/ adopting a selection.

## 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. The display key assignment depends on the operating status.


Some important display keys include:

| Icon | Usage |
| :---: | :--- |
| Options |  |
| OK |  |
| <C |  |
| Back |  |
| Save |  |
| $\rightarrow \rightarrow$ |  |

## Menu icons in the main menu



The handset's main menu can be opened by right-clicking or pressing the centre key of the control key.

The menu icons are selected by pressing the left/right and top/bottom of the control key.
Alternatively, you can also press one of the numerical keys, e. g. 4om for "Alarm Clock" or $\begin{aligned} & \text { wxwa } \\ & \text { for "Settings". }\end{aligned}$

Menu options that are only available in expert mode are marked with the • icon. Expert mode can be set by switching the menu view from simplified to complete. To set, see $\odot$ Page 99.

| Icon | Name | Usage |
| :---: | :---: | :---: |
| $\mathrm{F}_{0}$ | Resource Directory | Manage images and tones: <br> - Screensavers <br> - Caller Pictures <br> - Sounds <br> - Capacity |
| 8 | Bluetooth | Configure Bluetooth interface: <br> - Activation <br> - Search for Headset <br> - Search Data Device <br> - Known Devices <br> - Own Device |
| $\star$ | Additional Features | Alarm and emergency call configuration: <br> - [Mode] Activation <br> - Configuration (only with Service PIN) <br> - Operating Mode (only with Service PIN, only with OpenStage M3 Plus and OpenStage M3 Ex Plus) <br> - Display Rotate (only with OpenStage M3 Plus and OpenStage M3 Ex Plus) <br> For information on configuring and selecting the operating mode, see the "Alarm and Emergency Call Configuration" Service Manual. |
| $\bigcirc$ | Alarm Clock | Configure alarm call function. |
| C | Call Lists | Open call list if calls are available. |
| ه® | Voice Mail | Call mailbox if voicemail calls are available on the network answering machine. |
| 83 | Organizer | Manage appointments: <br> - Calendar <br> - Missed Alarms |
| 4 | Directory | Manage phonebook. |


| Icon | Name | Usage |
| :---: | :---: | :---: |
| $\epsilon$ | Settings | Configure handset: <br> - Date/Time <br> - Audio Settings <br> - Handset Volume <br> - Advisory Tones <br> - Vibration <br> - Ringtones (Handset) <br> - Display + Keypad <br> - Screensaver <br> - Large Font <br> - Colour Schemes <br> - Display Backlight <br> - Keypad Illumination <br> - Auto Keylock <br> - Language <br> - Registration <br> - Register Handset <br> - Select Base (only if registered on several systems) <br> - Telephony <br> - Auto Answer <br> - Aera Codes <br> - System <br> - Handset PIN <br> - Handset Reset <br> - Base Reset <br> - Menu View <br> - Simplified <br> - Complete |

## 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 communications system, for example, within your company,
- you make between networked communications 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 signal.

## PIN

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

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 idle status:

| 家 | Flashing, no reception |
| :---: | :---: |
| 9 | Low receive field strength |
| P1 | 50\% receive field strength |
| 911 | 75\% receive field strength |
| 911) | 100\% receive field strength |

The radio range is different indoors and outdoors © Page 120. Please consult your system administrator in the event of range problems.

## Charging the battery

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 deactivates because the battery 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 14.

## First seize the line, then dial

When the handset is in idle status: Press and hold the Talk or Speakerphone key.
Enter the number you wish to dial. The user is called.
Typing errors cannot be corrected. In case of typing errors: Press the On-hook key.

Either:
The user answers. You are conducting the call.

The user is busy or rejects the call. You are routed to the other party's mailbox (if configured) or can program a callback request $(8)$ Page 23.

Press the On-hook key to end the operation.

## Dial first, then seize the line

## Dialling preparation

and possibly $X$
possibly
Enter the required phone number 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, forexample, between the prefix and the phone number or when checking a mailbox.


The dialling preparation function is also available with number redial and when dialling from the handset's phonebook ( $\rightarrow \boldsymbol{\square}$ ).

## Dialling

Press the Talk or Speakerphone key. The user is called.
Either:
The user answers. You are conducting the call.

The user is busy or rejects the call. You are routed to the other party's mailbox (if configured) or can program a callback request © Page 23.

Press the On-hook key to end the operation.

## Manual redial

The last 20 phone numbers dialled are saved in the redial list．A phone number that was dialled several times is only saved once．
（r）When the handset is in idle status：Press the Talk or Speakerphone key briefly． The redial list is displayed．
团 Select the required telephone number．
if nec．Show
If you want to see details of the selected phone number：Press the display key．
Either：


Press the Talk or Speakerphone key briefly．The connection is set up．
Or：
Open the redial menu．The menu contains the following functions ${ }^{8}$ Page 31：
－Copy to Directory
－Automatic Redial
－Display Number
－Delete Entry
－Delete all
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．

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

## Answering or rejecting a call

## Accepting a call

Your handset rings (7) Page 94. The caller information appears on the display. The name and/or telephone number of the caller can be displayed. You have the following options for answering a call:

The handset is in the charging shell: Remove the handset from the charging shell (only works if "Auto Answer" is active) (7) Page 94.


The handset is not in the charging shell. Press the Talk key or Speakerphone key.
When you have accepted the call you can:

- transfer the call © Page 58,
- place the call on hold and consult with someone else in the room © Page 59,
- place the call on hold and call a second partner $\overbrace{7}$ Page 24 in order to forward (7) Page 58 or toggle the call © Page 59 or to set up a conference © ${ }^{(7)}$ Page 60.


## Rejecting a call

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

## Reject call

Confirm the message displayed with one of the two display keys. The call is rejected and the caller hears the busy tone. You are routed to the other party's mailbox (if configured) or can program a callback request $(7$ Page 23.

## 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.

Open the system menu.
Select the menu item and confirm.
You are conducting 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 communications 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 the Talk or Speakerphone key.
Open the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Select the menu item and confirm.

Select the menu item and confirm.

Enter the destination number.
Save the settings.
Press the On-hook key to end the operation.
$\|$ IIIL The external code must be entered before external phone numbers.

## Deactivating call forwarding

## Prerequisite:

The room monitor function is activated.
Press and hold the Talk or Speakerphone key.
Open the system menu.
Select the menu item and confirm.
Press the On-hook key to end the operation.

## Activating or deactivating the keypad lock

This feature protects against accidentally pressing buttons when the handset is in a pocket, forexample. The keypad lock turns off automatically when a call comes in and turns back on when the call has ended.
$\#$ Press the hash key until the activation or deactivation is confirmed by a signal. A key icon on the display indicates that the keypad lock is active.

## After leaving the radio network

The message "No base" flashes on the display. The handset repeatedly attempts to synchronise with a base. The intervals between synchronisation attempts increase on account of the integrated power saving function.
You can switch off your handset to save the battery.

## 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 $50 \mathrm{~dB}(\mathrm{~A})$.

## Activating speakerphone mode

Speakerphone mode can be activated during a call, when dialling or when answering a call:
4 Press the speakerphone key. Inform the other party when you want to activate the speakerphone to let others listen in.

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

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


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

## Setting the speakerphone volume

The volume can be set during the call ${ }^{(7)}$ Page 88.

## Conducting calls with the headset

The handset can be used with a corded and cordless headset.

## Corded headset

Not for OpenStage M3 Ex and OpenStage M3 Ex Plus!
You can connect a corded headset via the jack on the side of the handset, see (8) Page 13. The headset must have a ( 2.5 mm ) jack plug.

The earpiece 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.
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 deregister it.

IIII - If you register a headset, any headset that is already registered will be overwritten.

- If you would like to use a headset with your handset that is already registered at another device (e.g. a handset), please deactivate this connection before you start the registration process.
- Theoretically, third parties can tap Bluetooth connections.
- To improve protection against unauthorised tapping, deregister any devices you no longer require.

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

## Registering a Bluetooth headset at the handset

(3) Set the headset to login mode (see the user manual supplied with your headset).
Open the handset's main menu.

Select the menu icon and confirm.

Select the menu item and confirm. The handset searches for a Bluetooth headset and sets up a wireless connection. The names of the devices found are displayed.

Select the required headset.
Press the display key.
Select the menu item and confirm.

If necessary, enter and confirm the Bluetooth PIN for your headset (see the user manual supplied with your headset). The device is saved in the list of known devices.

The Bluetooth interface is automatically activated on your handset. The active Bluetooth function is ticked.

## Conducting calls via the Bluetooth headset

* If a Bluetooth headset is registered at the handset, the Bluetooth headset is activated immediately upon dialling.


## 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).


## Number redial

* To redial a number, double-click the Talk key on the headset.

Switching from the Bluetooth headset to the earpiece or speakerphone 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 disconnected. You can continue the call directly on the handset.

## Deregistering the Bluetooth headset at the handset

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

Open the handset's main menu.


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

Press the display key.
Select the menu item and confirm. The Bluetooth headset is deregistered and can no longer be detected by the handset.



## 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．
Press the display key．
Select the menu item and confirm．The phonebook is displayed．
Select the menu item and confirm．The following selection mask appears：


Select the icon for the required phone number type under which the phone number is to be added．

Confirm your entry．
Enter the remaining contact information，such as the first name and surname． For further information，see ${ }^{7}$ Page 37 and（7）Page 38.


## System speed dialling

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

## Dialling a system speed dialling destination

Press and hold the Talk or Speakerphone key.
Open 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 (3) Page 106.

Enter the required code (3 digits, 000-999).
The saved speed dialling destinations and the associated codes can be obtained from the organisational unit responsible for administering the communications system.

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

System speed dialling destinations can be saved in your communications 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 time frame, the default suffix-dialling number, forexample, " 0 " for the exchange, is dialled.

Press and hold the Talk or Speakerphone key.
Open the system menu.
Select the menu item and confirm.
Select the menu item and confirm.

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

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

## System speed dialling, individual

You can save up to ten external phone numbers as speed dialling destinations for your handset in your communications 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 106.
Abbl dial no:

## Setting up an individual speed dialling destination

Press and hold the Talk or Speakerphone key. Open the system menu.

Select the menu item and confirm.

Select the menu item and confirm.

Call the first destination.
Call the next destination.
Open 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.
Dialling an individual speed dialling destination
Press and hold the Talk or Speakerphone key.
Open the system menu.
Select the menu item and confirm.

Select the menu item and confirm.

Enter the code for the speed dialling destination.

## System phonebook

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 phonebook for dialling.

## Opening the system phonebook

Press and hold the Talk or Speakerphone key.
Open the system phonebook. The first entry is displayed on the screen.
If applicable:

OK
If several phonebooks have been configured: Select the menu item and confirm.

## Finding an entry

Enter the first letters of the name you are looking for (see © Page 36). The name is searched for.
The search result becomes more precise as each letter is entered, i.e. the number of names found is reduced.

## I 1 <br> Select the user you want.

## Dial entry

Confirm your selection. The selected number is called.

## Quitting the phonebook

- Press the display key.
III Phone numbers dialled from the system phonebook are not stored in the redial list.


## Telephone database (LDAP)

If your company has an LDAP telephone database and access to it is configured in your communications system, you can query it with your handset. This LDAP telephone database can contain far more entries than the phonebook on your communications 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 106.

## Activating the LDAP telephone database

Press and hold the Talk or Speakerphone key.
Phonebk
If applicable:

If several phonebooks have been configured: Select the menu item and confirm.

## Entering a name and finding an entry

You can now enter the name via 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 have to press the "7" key three times to enter an " r ".

Enter the name you want to find (maximum 16 characters). Partial entries are accepted, for example "mei" for Meier. The more characters entered, the more precise the search result.
If configured, you can search for first and last names. First and last names must be separated by a space. Do this by pressing the "0" key. Partial entries are accepted, forexample, "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 is 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 is 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.

## 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.

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 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 a total of 500 entries at most in the phonebook.
Gigaset QuickSync (8) Page 82 is a software application for transferring data between your cordless OpenStage phone and your PC. You can use it at your phone to load data from your PC to your OpenStage over a USB data cable or Bluetooth and synchronise contacts with Microsoft Outlook, Microsoft Outlook Express and contacts in Microsoft Windows.

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

| Information | Explanation |
| :--- | :--- |
| First Name*, <br> Surname | A name must be entered in at least one of the fields. Each <br> name can contain up to 16 characters. |
| Phone (Home), <br> Phone (Mobile)* <br> Phone (Office) | A number must be entered in at least one of the fields. <br> Each number can contain up to 32 digits. |
| E-Mail* | E-mail address with up to 60 characters. The special char- <br> acter "@" can be inserted after pressing the asterisk key. |
| Anniversary | You can select either "On" or "Off". If "On" is selected: <br> - Anniversary (Date): Day/month/year, 8 digits* <br> - Anniversary (Time): Hour/minute, 4 digits, for reminder <br> call <br> - Anniversary (Signal): Type of signalling, acoustic or vi- <br> sual (time need not be specified) |
| Caller Picture* | Mark an address book entry as a VIP (Very Important Per- <br> son) by assigning a specific ringtone to it. |
| Display a picture for an incoming call when CLIP is active. <br> Caution: This function is not supported by the system and <br> should therefore not be used. |  |

* = new for vCard format


## Saving an entry

Open the phonebook.
Select the menu item and confirm. The input mask is displayed.
Enter the relevant information, see above.
Jump to the next line.
etc.
Functions for text input:

| \#m | Switches mode from abc to Abc, from Abc to 123 and from 123 to abc <br> If predictive text is off: press the key briefly. <br> If predictive text is on: press and hold down the key. |
| :---: | :--- |
| X | Deletes the letter to the left of the cursor. |
| $* \Delta$ | Opens the table of special characters. |

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

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 (e. g. press 7 three times for r).
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, forexample, with DDIA.
Press and hold down the Talk key.

## Dialling an entry with the speed dialling digit

You can call up and dial the phone number associated with an entry to which you assigned a speed dialling digit by simply pressing this speed dialling digit (7) Page 81.

Press and hold down the required speed dialling digit. The assigned phone number is dialled.

## Viewing an entry

(7) Open the phonebook.


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

## Changing to the list

Select
or

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:

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 On-hook key to return to the list.

## Changing an entry

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

Press the display key.
Select the menu item and confirm. The entry's data is displayed.

Enter changes.
Press the display key.
Press the On-hook key to return to the list.

|  | Marking a VIP（Very Important Person）entry |
| :---: | :---: |
|  | An incoming call for a VIP－marked entry is signalled with a VIP ringtone． |
| 团 | When the handset is idle：Open the phonebook． |
| （⿴囗才 | Select the entry you want． |
| Options | Open the menu． |
| 团（ VIP Entry OK | Select the menu item and confirm．The input mask for marking a VIP entry is displayed． |
| VIP：On | Activate the VIP marking． |
| 团 | Move the cursor down one line． |
| Melodies： 0 Circles | Select a melody，for example＂Circles＂． |
| 0 | Press the On－hook key to end the operation． |
|  | Deleting an entry or phonebook |
| － | Open the phonebook． |
| （G）© | Select the entry you want． |
| Options | Press the display key． |
| Either： |  |
| （包 Delete Entry OK | Select the menu item and confirm．The telephone number is deleted． |
| （⿴囗 © Delete List OK | Select the menu item and confirm．A security check question appears． |
| Yes | Confirm the security check question．The phonebook is deleted． |
| 0 | Press the On－hook key to end the operation． |
|  | Displaying available memory |
| 团 | Open the phonebook． |
| （6）© | Select any entry． |
| Options | Press the display key． |
| （⿴囗 Available Memory OK | Select the menu item and confirm．The amount of memory used and available is displayed． |
| （0） | Press the On－hook key to end the operation． |

## Sending an entry or phonebook to the handset or system

You can send individual entries or the entire phonebook to other handsets or to the communications system．

For phonebook transfer in vCard format via Bluetooth see © Page 83.
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 communications system．The recipient can then use his or her handset to download the list or entry from the communications system．

## Restrictions when copying over the communications system

The entries in the handset＇s phonebook are stored in vCard format ${ }^{7}$ Page 37. The communications system，however，uses another format．This can cause loss of phonebook entry information．The features that are new for the vCard format are indicated in the table © P Page 37 by＂new for vCard format＂．The phone numbers are not affected．

## Sending a list／entry

Open the phonebook．
Select the entry you want．
Press the display key．
Either：

［⿴囗十⺀⿺𠃊 | Send List |
| ---: |
|  |

Select the menu item and confirm．

Enter the station number．The following phone numbers are possible：
－ $1 \ldots 98$－the list or entry is sent directly to the recipient＇s handset．
－ 00 －the list or entry is sent to the communications system and can then be downloaded by any handset．
－ 99 －The list or entry is sent to the communications system and can then 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 communications system

Prerequisite: You sent an entry or list to the communications system by dialling the phone number 00 or 99 .
Press and hold the Talk or Speakerphone key.
Open the system menu.
Select the menu item and confirm.

Select the menu item and confirm.
Press the On-hook key once. You will receive a call from the system and the transfer starts once you answer this call.

## Deleting a list or entry in the communications system

Prerequisite: A currently unused list or entry is saved on the communications system.
Press and hold the Talk or Speakerphone key.
Open 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.

## 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. The assigned number then appears on the called party's display.

This function can also be called by entering the code © Page 106.
Press the Talk or Speakerphone key.
Open 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, forexample, 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.

The call costs can only be assigned using call detail recording software, which must be set up by service personnel.

This function can also be called by entering the code $\mathbb{7}_{8}$ Page 106.
Press the Talk or Speakerphone key.
Open the system menu.

Enter the required account code (optional).

Save the settings.
Enter the external phone number. The phone number is dialled.

[^2]
T $\uparrow$ Service? OK

OK
Home Extn. no:
PIN no:
<Name>

## 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 $\odot$ Page 106.
Press and hold the Talk or Speakerphone key.
Open the system menu.
Select the menu item and confirm.

Enter the code (lock code) for the relevant line $\odot$ Page 103. Do not use the default phone code (00000) for the user. If there is no personal code for the relevant line, the system will prompt you to enter the code.

Enter the number you wish to dial. The phone number is dialled.
The "Temporary phone" function is discontinued again after the call is complete.


D $\mathbf{1}$ Suppress call ID? OK

Call ID suppressed $\quad$
Press the On-hook key to end the operation.

## Activating the phone number display

T or Press and hold the Talk or Speakerphone key. Menu
$\downarrow$ 个 Restore caller ID? OK

Call ID restored $\quad 0$

## Deactivating the phone number display

## Deactivating the phone number display

Press and hold the Talk or Speakerphone key.
Open the system menu.
Select the menu item and confirm.

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

Press the On-hook key to end the operation.

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.

III. $>$
Activation and deactivation of the phone number display relates to external or networked connections. An external provider must support this function.

## 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 106.
Another telephone rings.
Press and hold the Talk or Speakerphone key.
Open the system menu.
Select the menu item and confirm.
Select the menu item and confirm. The called user is displayed.
Open the additional menu.
Select the menu item and confirm.

> 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.
You are conducting 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 DND feature after five seconds.

## Activating do not disturb

Press and hold the Talk or Speakerphone key. Open 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 the Talk or Speakerphone key.
Open 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 cur-
rent call as standard. If the costs are to be displayed continuously during an
outgoing call, this function must be requested from the carrier.
Activating the door release
This function only works if it has been configured by the service engineer.
Press and hold the Talk or Speakerphone key.
Open the system menu.
Select the menu item and confirm.

## Activating control relays

The service engineer can set up a maximum of 4 control relays that enable various equipment (forexample, 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 $\odot$ Page 106.

## Activating a control relay

Press and hold the Talk or Speakerphone key.
Open 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 the Talk or Speakerphone key. Open 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 networlk <br> To enable ISDN-type services/features to be started via analogue lines (for ex- <br> ample, call waiting when a line is busy, three-way conference calls, etc.), you <br> must send a signal to the network before dialling the service code and/or phone <br> number. |
| :--- | :--- | :--- |
| This function can also be called by entering the code o Page 106. |  |
| You have an external connection. |  |
| Open the system menu. |  |
| Select the menu item and confirm. |  |

Deactivating call forwarding to a "trunk"
Press and hold the Talk or Speakerphone key.
Open 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 sub-
scriber number or DID and forwarding type).
Confirm your entries.
Press the On-hook key to end the operation.

〒 1 *53=Tone dialling?

## 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 analogue technology. For this you have to 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, forexample, that you can communicate with a variety of voice storage systems.

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

## Automatic tone dialling is not active

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

You are conducting a call.
Open 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) to conduct another call in the interim or to continue them on other telephone in your communications system.

## Parking a call

You are on a call you wish to park.
Open the system menu.
Select the menu item and confirm.

Select the menu item and confirm.
Enter the parking position number ( $0 \ldots 9$ ) and note it down.
If the parking position number entered is already in use, you have to 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 the Talk or Speakerphone key.
Open the system menu.
Select the menu item and confirm.

Select the menu item and confirm.
Enter the parking position number you have noted.
||I $\|^{\text {. }}$ If a parked call is not picked up, it returns to the station from which it was parked after a certain time (= recall). The following appears on the display "Recalling: (phone no. or name)" or "recalling from (phone no. or name)" .

## Conducting calls - with multiple users

## Call waiting

You need to speak to a user in your communications 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.
C 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 8 Page 59 or
- set up a conference $\odot$ Page 60 .


|  |  | Disabling/enabling automatic call waiting <br> You can disable/ enable automatic call waiting signalling for a second call during a telephone conversation. <br> Disabling the call waiting tone <br> Press and hold the Talk key or press and hold the Speakerphone key. <br> Open the system menu. <br> Select the menu item and confirm. <br> Select the menu item and confirm. <br> Press the On-hook key to end the operation. <br> Enabling the call waiting tone <br> Press and hold the Talk key or press and hold the Speakerphone key. <br> Open the system menu. <br> Select the menu item and confirm. <br> Select the menu item and confirm. <br> Press the On-hook key to end the operation. |
| :---: | :---: | :---: |
|  |  |  |
|  |  |  |
|  | (r) or |  |
|  | Menu |  |
|  | Service? OK |  |
| $\downarrow$ | Call wait.term.off? OK |  |
|  | O |  |
|  |  |  |
|  | 6 or 4 |  |
|  | Menu |  |
| $\nabla$ | Service? OK |  |
| $\nabla$ | Call wait.term.on? OK |  |
|  | O |  |

BuSy 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 mes-
sage.
This function is only available when the code has been input and if it has been
configured by the service engineer.
The user is busy.
Call the function.


## Transferring (with announcement of call transfer)

You can use this function to forward a call you answered to another user.
Open the system menu.
Select the menu item and confirm.
The current call is placed "on hold", so that the first user waits.
朋 Enter the phone number of the user to whom the call is to be transferred.
C The number is dialled. The user answers. You announce the call presently on hold.

Either:

Or:

Menu
Open the system menu.
Select the menu item and confirm.

## Placing a call on hold

You can interrupt a call temporarily if, forexample, you want to talk to someone else in the room. The line is placed "on hold".
You are conducting a call.
Press the display key. The current call is placed "on hold", the user waits.

## Resuming the call with the waiting user

Either:
Menu
T 1 Return to held call? OK
Open 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 conducting a call.
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 the call, both users are still connected (only possible with 2 external users if the "Transit" feature is activated by your service engineer).

$\downarrow$ 个 Start conference? OK


Enter the phone number of the new user.
The user is free and answers the phone. You announce the conference.
Open 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.
Open the system menu.
Select the menu item and confirm.
You and your two partners are connected in a conference call.

## Expanding a conference <br> Expanding confer

You can expand an existing conference to include up to five users.
You are connected with two or more partners in a conference call.
Open the system menu.

## 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 an alerting 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.
Open the system menu.
Select the menu item and confirm.

You and your two parters are conected in a conference call

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

## Ending a conference

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

|  | Menu | Open the system menu. |
| :---: | :---: | :---: |
| D | ¢ End conference? OK | Select the menu item and confirm. The conference is ended. |
|  |  | Leaving a conference |
|  | O | Press the On-hook key. You exit 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. |
|  | $\Gamma$ | You are connected with two or more partners in a conference call. |
|  |  | Viewing the conference parties list |
|  | Mnu | Open the additional menu. |
| $\square$ | I View conf parties? OK | Select the menu item and confirm. The first party is displayed. |
|  | I | View other parties. |
|  |  | Closing the conference party list |
|  | Mnu | Open the additional menu. |
| D | ¢ Exit list? OK | Select the menu item and confirm. The conference party list is closed. |
|  | $\checkmark$ | Press the display key to close the list. |
|  |  | Disconnecting a party from the conference |
|  |  | As the convener of the conference, you can disconnect users from the conference. |
|  | p | You are connected with two or more partners in a conference call. |
|  | Menu | Open the system menu. |
| D | 1 View conf parties? OK | Select the menu item and confirm. The first party is displayed. |
|  | I | Display the required party. |
|  | Mnu | Select the menu item and confirm. |
| D | ( Remove party? OK | Select the menu item and confirm. The relevant party is disconnected from the conference. |

## Connecting parties

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

You are connected with two or more partners in a conference call.
Open 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 (call waiting) and that can be queried by you (for example, © Page 55).
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.


## 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 (2) Page 106.

## 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 the Talk key or press and hold the Speakerphone key.
Open the system menu.
Either:

DIT Leave hont group? OK Or:

## D $\uparrow$ Join hunt group?

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

|  |  | You belong to multiple groups |
| :---: | :---: | :---: |
|  |  | Leaving and re-joining individual groups |
|  | (7) or 0 | Press and hold the Talk key or press and hold the Speakerphone key. |
|  | Menu | Open the system menu. |
|  | Either: |  |
|  | Leave hunt group? OK | Select the menu item and confirm. |
|  | Or: |  |
| I | 1 Join hunt group? OK | Select the menu item and confirm. |
|  | then: |  |
|  | $\text { I } \begin{aligned} & \text { Group } 1 \\ & \text { Group 2 } \end{aligned} \text { Mnu }$ | Select the required group and call the additional menu. |
|  | Either: |  |
| D | A Leave hunt group? OK | Select the menu item and confirm. You have now left the selected group. |
|  | Or: |  |
| D | A Join hunt group? OK | Select the menu item and confirm. You have now joined the selected group. |
|  | then: |  |
|  | $\bigcirc$ | Press the On-hook key to end the operation. |
|  |  | Leaving and re-joining all groups |
|  | (7) or 0 | Press and hold the Talk key or press and hold the Speakerphone key. |
|  | Menu | Open the system menu. |
|  | Either: |  |
| D | 1 Leave hunt group? OK | Select the menu item and confirm. |
|  | Or: |  |
| $\pm$ | 1 Join hunt group? OK | Select the menu item and confirm. |
|  | then: |  |
|  | Group 1 Group 2 | The list of groups is displayed. |
|  | \#\#0 | Press the hash key. You have now left all groups. |
|  | Or: |  |
|  | * ${ }^{\text {- }}$ | Press the star key. You have now joined all groups. |
|  | then: |  |
|  | O | Press the On-hook key to end the operation. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Ringing group on

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

## Adding users to a group

## First user


Press and hold the Talk key or press and hold the Speakerphone key.
Open the system menu.
Select the menu item and confirm.
Select the menu item and confirm.
Open the additional menu.
Confirm the option shown.
Enter the required internal phone number.
Save the settings.

## Other users:


Open the additional menu.
Select the menu item and confirm.
Enter the required internal phone number.
Save the settings.
Press the On-hook key to end the operation.

## Deleting users



## 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.

## Register



|  | Press and hold the Talk key or press and hold the Speakerphone key. |
| :--- | :--- | :--- | :--- |

## 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 the Talk key or press and hold the Speakerphone key.
Open 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 the Talk key or press and hold the Speakerphone key.
Open 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.

$\square$ or 10
Menu
$\downarrow$ \& Service?
OK

๘ 1 UCD Menu?
OK

## च 1 *405=Calls in queue? OK

## Display the number of waiting calls

You can check the number of waiting calls for the group.
Press and hold the Talk key or press and hold the Speakerphone key.
Open 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.


## 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 the Talk key or press and hold the Speakerphone key.
Open the system menu.
Select the menu item and confirm.

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.

## 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.

## Message functions

The message functions enable you to react to voicemail/callback 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:
$2=1$ 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 the Talk key or press and hold the Speakerphone key.
Open the system menu.

Advisory msg. on?
Select the menu item and confirm.

## Either:



1 = On vacation until:

Select the menu item and confirm.
Enter the required advisory message.
You can enter the text via 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 have to press the "7" key three times to enter an "r".

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

|  | Save the message. |
| :--- | :--- | :--- |
| Press the On-hook key to end the operation. |  |
| Deactivating an advisory message |  |



|  | Press and hold the Talk key or press and hold the Speakerphone key. |
| :--- | :--- | :--- | :--- |
| Open the system menu. |  |
| Select the menu item and confirm. |  |

S Caller lists

## Additional functions

## Handset alarm clock function

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

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

Prerequisite: The date and time must be set.

## Setting 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.


1 Alarm activation: On/off
2 Time in the format [HH:MM], for example 19:05 $=1905$
3 Alarm rings every day or only Monday - Friday
4 Volume can be set to five different levels + crescendo ring
5 Adjustable melodies

包 (5) Define the setting.
[ $ه$ Move the cursor down one line.
Enter the time.
Move the cursor down one line.
etc.
Save the settings.
$1 / 4 \quad$ 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 symbol appears on the display. If you do not press anything, the alarm repeats after five minutes and then deactivates.

## During the alarm:

Either:
Press the display key. The wake-up call is deactivated.

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.

## Handset appointment reminder function

You can use your handset to remind yourself of up to 30 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. The date and time must be set.

## Saving an appointment

The handset is in idle status.
Open the handset's main menu.
Select the menu icon and confirm.

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

Select and confirm the required day for the new appointment reminder. The input mask for entering a new appointment reminder appears.
Select and confirm the menu item or select an existing appointment entry. The "New Entry" option only appears if an appointment entry already exists.
Define the setting.
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.
Move the cursor down one line.
Define a melody to signal appointments.

Press the On-hook key to end the operation.

## 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.



## 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 (cordless systems), 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.
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 required base.

## Selection

## Name

Select base. The selected base is ticked:

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


## Changing the base station name

You can change the name of the base station.
Press the display key.
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.
The new base station name is now displayed in idle status.
The cordless system overwrites the display information "Name base station" with the own phone number as soon as an incoming or outgoing call is initiated. In this case, the name of the base station only reappears after the handset has been switched off and back on again.

## Setting the base

IIII. Cannot be set on HiPath 3000.
You can configure individual settings on your system with your handset depending on how your system is configured.


D A OK

Press the display key.
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 required menu item and confirm.

## Speed dialling

You can program the number keys $0+$ and 2 naco to $\sigma_{\mathrm{wxO}}$ with a phone number. You then dial the number by pressing the key.

## Configuring speed dialling

Press the required number key briefly.

If this key is not already programmed with a function, the number key can be assigned a new phone number.

Press the display key.
If the key is already programmed with a function, it appears on the left display key.

Select the required phone number from the phonebook and confirm.


Clear Key
Press the display key to delete the assignment.

## Dial a phone number

Press and hold the number key programmed with the required phone number. The phone number is dialled.

If the number key has not been assigned a phone number, the list appears for you to select a phone number.

## Changing display key assignments

You can assign functions to display keys and/or change the current assignment. The function is then started by pressing the key.

## Changing the assignment

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

- INT (not available on HiPath 3000, HiPath 500)
- Alarm Clock
- Calendar
- Bluetooth
- Redial

Select and confirm an entry.

## Calling the function

Press the required display key briefly.
The function is selected.

## Data communication with the PC

To enable your handset to communicate with the PC, the Gigaset QuickSync program must be installed on your PC (free to download at http://wiki.unify.com/ wiki/DECT Handset accessory)
After installing "Gigaset QuickSync", connect the handset to your computer using Bluetooth (7) Page 83 or via a USB data cable (7) Page 13.

## Transferring data

Start the "Gigaset QuickSync" program. You can now:

- Synchronise your handset's address book with Outlook
- Download caller pictures (BMP, JPG, GIF) from the computer to the handset
- Download pictures (BMP, JPG, GIF) as screensavers from the PC to the handset
- Download sounds (ringer melodies) from the PC to the handset
"Data Transfer" is shown on the display during data transfer between the handset and PC. During this time, the keypad is disabled and incoming calls are ignored.


## Bluetooth interface

Before you can use your Bluetooth device, activate Bluetooth, ensure the devices are visible and then register the handset.

You can register one Bluetooth headset at the handset. You can also register up to five data devices (PCs, PDAs and handsets) to send and receive address book entries as vCards or exchange data with the computer (8 Page 87).

To use the phone numbers, dialling codes (country and area code) must be stored in the directory (© Page 99).

You will find a description of how to operate your Bluetooth devices in the user guides for these devices.

## Note:

The mobile phone will not be accessible when activating or deactivating Bluetooth.

Third parties can tap Bluetooth connections.

## Activating/deactivating Bluetooth mode

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


Activation $\bar{\square}$

Select the menu icon and confirm.

Select the menu item and confirm. The active Bluetooth function is ticked.

Confirm again to activate.

|  | Registering Bluetooth devices <br> The distance between the handset in Bluetooth mode and the activated Blue- <br> tooth device (headset or data device) should be no more than 10 m. <br> To connect a Bluetooth headset, see 8 Page 29. <br> If the Bluetooth connection is not yet established between the handsets, perform <br> the following steps: |
| :--- | :--- |
| Searching on your handlet |  |
| Open the handset's main menu. |  |


|  | OK | Enter and confirm identical Bluetooth PINs within a few seconds（default：0000） If you were not fast enough，repeat the previous steps． |
| :---: | :---: | :---: |
|  | OK | Confirm the prompt． |
|  |  | The Bluetooth connection is established．The two devices can now exchange data in vCard format． |
|  |  | Editing the list of known（trusted）devices |
|  |  | Opening the list |
|  | © | Open the handset＇s main menu． |
| 包（1）Bluetooth | OK | Select the menu icon and confirm． |
| ［团Known Devices | OK | Select the menu item and confirm． |
|  |  | A corresponding icon appears next to each device name in the list displayed： |
|  |  | Icon Explanation |
|  |  | ¢ Bluetooth headset |
|  |  | $\hookrightarrow_{马}$ ？Bluetooth data device |
|  |  | Viewing entries |
|  | 回 | Select the entry． |
|  | ew | Press the display key．Device name and address are displayed． |
|  | OK | Press to switch back to the overview． |
|  |  | Deregistering Bluetooth devices |
|  | 回 | Select the entry． |
|  | tions | Press the display key． |
| 团 Delete Entry | OK | Select the menu item and confirm． |
|  |  | Changing the name of a Bluetooth device |
|  | 回 | Select the entry． |
|  | tions | Press the display key． |
| ［ $\square_{\text {E }}$ Edit Name | OK | Select the menu item and confirm． |
|  | 成 | Rename． |
|  | Save | Press the display key． |

## Rejecting/accepting an unregistered Bluetooth device

If a Bluetooth device that is not registered in the list of known devices tries to connect with the handset, you will be prompted on the display to enter the PIN for the Bluetooth device (bonding).

## Rejecting

( Press the On-hook key briefly.

## Accepting

OK Enter the PIN for the Bluetooth device you want to accept and confirm.
If you have accepted the device, you can use it temporarily (i.e. as long as it is within receiving range or until you deactivate the handset) or save it to the list of known devices.

Following PIN confirmation
Press the display key to add the device to the list of known devices.

Press the display key to use the device temporarily.

## Changing the Bluetooth name of own handset

You can change the handset name used to identify it on the display of another Bluetooth device.

Select the menu icon and confirm.

Select the menu item and confirm.

Press the display key.
Rename.
Press the display key.


## Phonebook transfer

IIII To transfer the phonebook data between handsets or with the system with－ out using Bluetooth，see（8）Page 41.

Prerequisite：The Bluetooth connection between the devices is established （7）Page 84.
［ Open the phonebook．
Select the entry．
Press the display key．

Select the menu item and confirm．

Select the menu item and confirm．

Select the menu item and confirm．

Select and confirm the target device or the other handset．The vCard data is sent to the target device．

Now follow the instructions on your handset display．

## Setting the handset

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

## Setting the speaker volume

## During a call

You can adjust the speaker volume during a call via the earpiece or speakerphone using a menu function. The relevant volumes are adjustable depending on whether you are conducting the call via the earpiece or speakerphone.

You are conducting a call.
Press the control key to open the Handset Volume menu.
Adjust the earpiece or speakerphone volume.

Save the settings.
or $\quad$ The setting will be saved automatically after approx. 3 seconds.

## In idle status

You can change the speaker volume via the menu or using the key in idle mode.

Changing the volume via the menu:
([) Open the handset's main menu.


Speaker

OK

Define the setting.
Press the display key.

## Setting advisory tones

IIII．Can only be set if this menu item is visible．To set，see © Page 99.
The advisory tones have the following meaning：

| Advisory | Explanation |
| :--- | :--- |
| Key Tones | Every key press is confirmed． |
| Confirmation | －Confirmation tone when saving inputs／settings and <br> when placing the handset in the charging shell <br> －Error beep（decrescendo tone sequence）to signal <br> incorrect inputs |
|  | End－of－menu beep at the menu end |


|  | ［5］ | Open the handset＇s main menu． |
| :---: | :---: | :---: |
| 包 $\mathcal{C}$ Settings | OK | Select the menu icon and confirm． |
| ［⿴囗 Audio Settings | OK | Select the menu item and confirm． |
| 团 Advisory Tones | OK | Select the menu item and confirm． |
| Key Tones Confirmation Battery | OK | Select the required menu item． |
|  | 包 | Activate or deactivate． |
|  | Save | Save the settings． |
|  |  | Activating／deactivating the vibration alert Incoming calls and other messages are indicated by a silent alert． |
|  | ［5］ | Open the handset＇s main menu． |
| 包 $\mathcal{F}$ Settings | OK | Select the menu icon and confirm． |
| 团 Audio Settings | OK | Select the menu item and confirm． |
| 团 Vibration |  | Select the menu item． |
|  | Edit | Press the display key． |
|  | ［ | Activate or deactivate． |


|  | Setting the ringer <br> Tones and melodies are saved on your handset. If you select the menu items <br> Volume and Melodies, the ringtone sounds at the current setting. |
| :--- | :--- | :--- |
| Open the handset's main menu. |  |

Select the menu item and confirm.
([) Specify On or Off.
If active:
Select the required menu item.
Suspend ring from Suspend ring until

Enter the time.
Save the settings.

## Setting ringing tones and pictures with resource directory

Your handset's resource directory is used to manage sounds that you can use as ringing tones and pictures that you can use as screensavers. The resource directory can manage the following media types:

| Type | Format |
| :--- | :--- |
| Sounds: |  |
| Ringtones | Internal |
| Monophonic | Internal |
| Polyphonic | Internal |
| Imported sounds | WMA, MP3, WAV |
| Pictures: | BMP, JPG, GIF |
| Caller picture | $128 \times 86$ pixels |
| Screensaver | $128 \times 160$ pixels |

Your handset comes with a number of mono- and polyphonic sounds and pictures pre-installed. You can listen to the available sounds and display the pictures.

You can download pictures and sounds from a PC 8 Page 82. If there is not enough memory available, you must first delete one or more pictures or sounds.

## Viewing screensavers and caller pictures / Playing sounds

(5) Open the handset's main menu.

Select the entry.

|  | Screensavers/caller pictures <br> Press the display key. <br> Toggle between the pictures. <br> If you have saved a picture in an invalid file format, you will see an error mes- <br> sage after selecting the entry. <br> Press to exit the menu level. |
| :--- | :--- | :--- |
| Sounds |  |
| The selected sound is played immediately. |  |

## Checking the available memory <br> You can show how much memory is left. <br> © Open the handset's main menu. <br>  <br> OK <br> Available Memory <br> OK

## Activating or deactivating the ringer

## Deactivating the ringer

Hold down the key until a confirmation tone is emitted. The icon appears on the display.

## Activating the ringer

Hold down the key until a confirmation tone is emitted.

## Activating or deactivating the alerting tone

You can activate an alerting tone instead of the ringing tone. A short beep sounds for a call instead of the ringing tone.

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

## Activating the alerting tone

Hold down the key until a confirmation tone is emitted.
$\tilde{n}$ The alerting tone is activated. The volume of the alerting tone is coupled with the volume of the external ringer.

## Deactivating the alerting tone

Hold down the key until a confirmation tone is emitted.

## Activating／deactivating automatic call answering

## IIIILCan only be set if this menu item is visible．To set，see $\odot$ Page 99.

This function allows you to accept calls by removing the handset from the charg－ ing shell．


## Select the menu item．

Press the display key．The activated function is ticked $(\square)$ and can be deacti－ vated by selecting it once more．

## Setting the date and time

The date and time setting can be used to ensure that the date and time are as－ signed correctly to incoming calls and in order to use the alarm．
The handset date and time are automatically set when you set up a call to an－ other station．If your communications system does not support this function，you can set the date and time manually．
Either：

Enter the date，for example 22．09．2007＝ 22092007.

Move the cursor down one line．
Enter the time，for example 19：05＝ 1905.

Save the settings．
$\|$
If your communications system does not automatically set the date and time，you must check the setting from time to time and if necessary，cor－ rect it．

|  | Setting the display <br> A number of options are available for setting the display. You can set the screen- <br> saver (screen picture), the colour scheme, the font size and the display lighting. |
| :--- | :--- |
| Screensaver/slide show |  |
| A picture or slide show (all the pictures are displayed one after the other) from |  |
| the resource directory © Page 91 or the time can be displayed as a screensaver |  |
| when the handset is idle. This will replace the idle status display. The calendar, |  |
| date, time and name are covered as a result. |  |
| The screensaver is not displayed in certain situations, for example during a call |  |
| or if the handset is signed off. |  |

## Setting large font

You can increase the font size of print and symbols in call lists and the directory to improve readability．


Open the handset＇s main menu．

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

Press the display key．攺＝on）．



## Rotating the display automatically

Only OpenStage M3 Plus and OpenStage M3 Ex Plus!
You can activate and deactivate the automatic position-dependent rotation of the information on the display.
When activated, the display is rotated by $180^{\circ}$ (upside down) in non movement and call statuses when you move the handset from a vertical to a horizontal position.

This setting is useful if you are wearing the handset on a belt and you would like to see the display in the event of an alarm or call without having to remove the handset from the belt. You can then read the information on the display by simply tilting the handset outwards.
([) Open the handset's main menu. Select the menu icon and confirm. Select the menu item.

Press the display key.曷 = on).


## Resetting the defaults

$\|I\| L_{-}$Can only be set if this menu item is visible. To set, see © Page 99.
This function allows you to reset your mobile phone to the defaults, for example, if you want to pass it on to someone else or reset it.
The handset features are handled as follows:

| Feature | Action |
| :--- | :--- |
| Sound settings | are reset |
| Language | set to English |
| System registration | is retained |
| Phonebook | is retained |
| Redial list | is retained |
| Date/Time | is retained |
| Entries in the calendar | are retained |
| Content of resource directory | is retained |

## Resetting

© Open the handset's main menu.

包 © Settings
OK
$\left\|\left\|\|^{\prime}\right.\right.$ For information about deleting the phonebook see: © Page 40.

## Default settings

| Setting | Explanation/notes | Levels | Default state |
| :---: | :---: | :---: | :---: |
| Tones and signals | Ringer volume <br> Ringer melody, external <br> Ringer melody, internal <br> Alerting tone <br> Earpiece volume <br> Volume in speakerphone mode <br> Timed reminder <br> Melody <br> Volume <br> Key tones, audible each time a key is pressed <br> Warning tone, audible approximately five minutes before the battery expires <br> Confirmation tone, indicates whether actions were successful or unsuccessful | 5 <br> 20 <br> 20 <br> - <br> 5 <br> 5 <br>  <br> 20 <br> 5 <br> - | 5 <br> 01 <br> 03 <br> off <br> 3 <br> 3 <br> Sonic <br> Cannot be set on <br> on <br> on |
| Auto. answer | Call is automatically accepted by removing the handset from the charging shell | - | on |
| Select base | Select the base | 4 | retained |
| Lighting | Display lighting | - | in charging shell: on/out of charging shell: off |
| Screen picture | Display in idle status | - | None |
| Character set | Available character set | - | Standard |
| Language | Select different languages: | 26 | English |
| Bluetooth | Bluetooth activation | - | off |

## Telephone blocking

## Handset telephone lock

|III Can only be set if this menu item is visible. To set, see © Page 99 .
You can protect your handset against theft by entering a 4-digit numerical code (PIN) 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. You can protect your handset from unauthorised access with the telephone lock © Page 103.

Enter the value "0000" again to deactivate the PIN.
If you have forgotten your PIN, please contact Unify Service. It will be reset at your own expense. The handset is returned to the default state (see (2) Page 100).

Attention:
The registration and phonebook are also lost however in the process! The delivery status is restored.

## 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 and confirm the old PIN. If a PIN has not yet been set, then enter "0000".
Enter and confirm the new PIN.
Press the On-hook key to end the operation.

## Battery charging when PIN lock active

If the handset deactivates because the battery 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 lock code programming

You can protect your handset against unauthorised access（thereby safeguard－ ing personal data）by entering a 5 －position 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 the Talk key or press and hold the Speakerphone key．
Open the system menu．

Select the menu item and confirm．
Enter the old code（5 digits，default＂00000＂）．
Enter the new PIN，for example， 11111 （5 digits）．
Re－enter the new PIN．
Press the On－hook key to end the operation．
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 handset from a central station，for exam－ ple，from the attendant terminal．

## Locking／unlocking the handset

You can lock your handset to prevent external dialling and programming，there－ by 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 the Talk key or press and hold the Speakerphone key．
Open 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．
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 103.

## Unlocking the handset

Tor Press and hold the Talk key or press and hold the Speakerphone key.
Open the system menu.
D $\uparrow$ Changeover off? OK
Select the menu item and confirm.
Enter the PIN code ( 5 digits, default "00000").
Press the On-hook key to end the operation.

## Central telephone lock / Locking/unlocking other handsets

If you have the appropriate authorisation, you can lock and unlock other handsets to prevent unauthorised use.
If the user has locked his handset and has forgotten the individual password he has set, you can unlock the phone again using this function.
(6) or 4

Press and hold the Talk key or press and hold the Speakerphone key. Open the system menu.

D $\uparrow$ Service?

T $\uparrow \begin{aligned} & \text { Lock? } \\ & \text { Lelephone }\end{aligned}$

Lock the handset. The following appears on the display: "Telephone locked".
Select the menu item and confirm.

Select the menu item and confirm.
Enter a user's phone number.

Unlock the handset. The following appears on the display: "Telephone un- locked".

|  | System fulnctions |
| :--- | :--- | :--- |
| The system functions can be called up via the menu or directly by entering |  |
| codes. |  |

## Functions and codes

Your service personnel may have assigned different codes to the following functions or some functions may not be available in your configuration.

| Functions | Codes |
| :---: | :---: |
| Automatic call wait.term.on | * 490 |
| Automatic call wait.trm.off | \#-0) 490 |
| Call waiting tone off | * ${ }^{\text {- }} 87$ |
| Call waiting tone on | \#- 487 |
| Accept call waiting | * ${ }^{\text {d }} 55$ |
| Caller list |  |
| - Call | \#- 082 |
| - Saving a number | * - $^{\text {8 }} 82$ |
| Advisory msg. on | * ${ }^{*} 69$ |
| Advisory msg. off | \#-0) 69 |
| Do not disturb on | * 47 |
| DND off | \#-0 97 |
| UCD: |  |
| - Log on | * 401 |
| - Log off | \# - 401 |
| - Work on | * 403 |
| - Work off | \#-0 403 |
| - Available | * 402 |
| - Not available | [-0) 402 |
| - UCD night on | * 404 |
| - UCD night off | \#-0) 404 |
| - Calls in queue | * 405 |
| Override (authorised telephone only) | * ${ }^{*} 62$ |
| FWD for MULAP on | * $\triangle 501$ |
| FWD for MULAP off | [-00 501 |
| Speaker call | * ${ }^{\text {- }} 80$ |
| Trace call | * $\triangle$ - 84 |
| Temporary phone | * $\triangle$ - 508 |
| Messages |  |
| - Sending | * - 68 |
| - View sent message | \#- 68 |

Conference:

| - on | * $\sim 3$ |
| :---: | :---: |
| - off | [-0) 3 |
| Call charge display | * 465 |
| Use speed dialling | * ${ }^{*}$ |
| Change speed dial | * $\triangle$ 92 |
| Toggling | * ${ }^{*}$ |
| DTMF dialling | * - 53 |
| Night answer on | * $\triangle$ 4 44 |
| Night answer off | [\#0) 44 |
| Park: |  |
| - Park call | * $\sim 56$ |
| - Retrieve call | [\#0) 56 |
| Account code | * ${ }^{\text {a }} 60$ |


| Functions | Codes |
| :---: | :---: |
| Callback | * A 58 |
| View callbacks | \#\# 58 |
| Suppress phone number | * 886 |
| Restore phone number | \#-0 86 |
| Temporary phone number (MSN) | * 41 |
| Ringing group on | * A $^{\text {8 }} 81$ |
| Ringing group off | \#-0 81 |
| Hunt group/join hunt group | * 885 |
| Hunt group/leave hunt group | \#-0 85 |
| Control Relay On | * $\triangle$ - 90 |
| Control Relay Off | \#-ro 90 |
| Change PIN | * ${ }^{*} 93$ |
| Trunk flash) | * ${ }^{\text {A }} 51$ |
| Language selection | * 48 |
| Locking the phone | * ${ }^{\text {- }} 66$ |
| Unlocking the phone | \#-ror 66 |
| Directory (system, LDAP) | * ${ }^{*} 54$ |
| Tel. data service | * 4 42 |
| Timed reminder on | * $\triangle$ - 46 |
| Timed reminder off | \#-0) 46 |
| Door opener on | * 489 |
| Door opener off | \#-0 89 |
| Door opener | * ${ }^{\text {a }} 61$ |
| Pickup group | * A $^{\text {5 }}$ |
| Pickup, directed | * ${ }^{\text {d }} 59$ |
| Forwarding on | * 1 |
| Forwarding off | \#- 1 |
| Trunk FWD on | * ${ }^{\text {- }} 64$ |
| Trunk FWD off | \#-0] 64 |
| Forwarding after timeout off | \#-0 495 |
| Forwarding after timeout on | * 495 |
| Central telephone lock | * ${ }^{\text {- }} 943$ |
| Return to held call | * ${ }^{-1} 0$ |

## Personal alarm functionality

The OpenStage M3 Plus and OpenStage M3 Ex Plus handsets are equipped with a sensor that allows them to be operated as a PNG-S.

These handsets are referred to below as personal alarm devices with voice communication capability, or by the abbreviation PNG-S.

## Alarm statuses

Integrated sensors detect alarm statuses such as:

- Non movement
- Position detection (deviation from the upright position, e.g. the person has fallen)
- Intense motion (escape)
- Cyclical response monitoring (timed)
- Loss of PNG-S (via pull-away contact with cord)


## Terms

## Operating modes

The OpenStage M3 Plus and OpenStage M3 Ex Plus handsets can be used as personal alarm devices with voice communication capability (PNG-S) in Alarm Mode and PNG Mode. Various settings are performed on the handset for this purpose, which enable automatic or manual alerting.
The configuration may only be performed by appropriately trained service personnel for professional use (e.g. in accordance with BGR 139).

A service PIN is used to protect mode activation from unwanted changes by third parties.

The configuration of the operating modes is described in a separate service manual.

## Alarm sensors

The alarm sensors detect operating states from which alarm situations can develop. The handset can detect and signal automatic alarms. These include non movement, man down, time, escape and pull cord alarms.

In addition to automatic alarms, there are also manual alarms, which are triggered by means of an alarm key.

## Alarm key

The alarm key initiates a manual alarm. The alarm destination (default: phone number 112) can be configured. The alarm key also works even if monitoring mode is not activated.

When the alarm key is pressed, the current function is first interrupted or ended and the configured alarm function is then executed.
The alarm key and the keys for resetting the prealarms can be operated if a key lock is activated.

## Attention:

If the alarm key is pressed while one of the following functions is active, the alarm signalling can be executed with a delay:

- Phonebook/Record Pattern
- Phonebook/Copy Entry
- Phonebook/Delete All
- Phonebook/Copy All
- "Data Transfer" menu
- "Alarm Clock" menu
- "Media-Pool" menu
- Settings/ Date/Time
- Settings/Handset/Area Codes
- Data exchange via MPM Manager

Example: If the entire handset phonebook is deleted, this can mean that the alarming signal is delayed by approx. 2 minutes! This operating mode is not compliant with BGR 139.

## Prealarms

The handset signals a prealarm in monitoring mode if an alarm is pending. The pending alarm can be prevented by resetting the reason for the alarm or pressing a prealarm reset button (any display key or "+/-" key).

## Technical warning

The handset monitors operating states while in monitoring mode (e.g.battery charging, DECT ready to receive). If faults are detected, the user receives a warning.

## Prealarm/technical warning signal

Prealarms and technical warnings can be signalled acoustically via the loudspeaker (signal, volume configurable) or silently via the vibration alarm.

## Alarming signal

If an alarming signal is triggered, the handset automatically generates alarm calls to the configured alarm destination. The alerted party recognises the alerting party from the caller's phone number for example.

The alarm subscriber's phone number has to be transmitted for this purpose. The communications system used must support the caller ID function.

In order to ensure if at all possible that an alarm call reaches the configured alarm destination, the alarm calls are repeated cyclically. The duration and number of alarm calls can be predefined.

## IIII Note:

In the case of alarm calls, call charges may be incurred for each alarm call.
The call duration and ringing interval are identical. The call duration and ringing interval are incremented by one second after each alarm call.

Communication with the alarm destination is only possible for the duration of the connection because of the automatic alarm call retry.

An alarm callback by the alarm server is possible for example if an alarm server is being used. This server ends the alarm retries and establishes a voice connection to the alerting PNG. The alarm callback is answered automatically by the PNG. Handsfree mode and handset mode are possible here.

## Attention!

Please note the legal requirements with respect to using this functionality. (Potential listening in option in the alarm status of the PNG).

## Alarm signal

An alarm signal/positioning tone can be issued by the handset in order to locate the alerting party. Depending on the alarm type, it can be established whether or not a positioning tone is to be issued in the event of an alarm.

The manual alarm can also be triggered with/without a positioning tone depending on the situation:

- Longpress - no positioning tone
- Shortpress - positioning tone

Communication with the alarm destination is only possible when the alarm signal/positioning tone is active if the alarm signal/positioning tone is disabled manually with the "+" or "-" key. Manual suppression of the alarm signal can be configured. The alarm signal suppression is only effective for the duration of the connection.

## Monitoring LED

The monitoring LED visually indicates the following PNG operating states:

Monitoring Off:
Monitoring On:
Prealarm Active:
Alarm:
Technical Warning:
Automatic Alarm Off:
continuously off
flashing, 50 ms on/1000 ms off
flashing, 500 ms on $/ 500 \mathrm{~ms}$ off
continuously on
continuously on
flashing, 500 ms on $/ 2000 \mathrm{~ms}$ off

## Language support in Additional Features menu

The Additional Features menu is only available in German and English.
If you choose a language other than German when setting the language, the display output in the Additional Features menu will be in English.

## Alarm types (overview)

| Alarm Type | Explanation |
| :--- | :--- |
| Manual personal alarm | Triggered by pressing the red alarm key on the <br> handset. |
| Automatic personal alarm | Triggered independently by the handset after a <br> specific time if a defined event occurs and the pre- <br> alarm (see below) was not confirmed by the person <br> in question: <br> - Person no longer moving (Non Movement) <br> - Person falls (Man Down Alarm) <br> - Person does not respond to the prealarm which <br> is signalled if there is no input on the handset for <br> a configurable period (Time Alarm) <br> - Person loses the handset (Pull Cord Alarm; with <br> pull cord) <br> - Person is moving frantically (Escape Alarm) <br> The particular alarms that are activated on your <br> handset depend on your handset's PNG configura- <br> tion. Response times, prealarm times and acoustic <br> alarm signals can likewise be set on the handset. <br> The settings must be performed before the hand- <br> set is commissioned initially. |
| Technical warning | If a technical fault occurs on the handset, for exam- <br> ple low battery charge, you will hear an error tone. |
| Prealarm | The prealarm sounds before an automatic person- <br> al alarm. If the prealarm is confirmed within a cer- <br> tain time by the user, the automatic personal alarm <br> is not triggered. |



## Activating monitoring

$\square$

## Note:

The alarm functionality must be configured prior to initial use.
Press the centre key three times.

Open the handset's main menu.
Select the menu icon and confirm.
Select the menu item and confirm. The procedure for activating the alarm functionality is started.
The handset immediately activates monitoring mode.
Shown on the display when the handset is in monitoring mode.
The monitoring LED on the handset flashes!
(flashing rhythm: 50 ms on $/ 1000 \mathrm{~ms}$ off)
This menu option is now activated.

## IIII $>$ Note:

In monitoring mode: Do not remove the battery pack to ensure that monitoring is not interrupted.

## Unavailable functions

The following functions are not available in monitoring mode because they would delay the alarming signal:

- Phonebook/Record Pattern
- Phonebook/Copy Entry
- Phonebook/Delete All
- Phonebook/Copy All
- "Data Transfer" menu
- "Alarm Clock" menu
- "Resource Directory" menu
- Settings/ Date/Time
- Settings/Handset/Area Codes
- Data exchange via MPM Manager


## Prealarm

The prealarm signals a pending alarm. If you do not confirm this prealarm, the handset sends emergency alarm signals to the configured location.

## Note:

If a prealarm is signalled during a call, you have to first confirm the prealarm in order to prevent the pending alarm. You can then continue the call.

A prealarm is indicated with Prealarm and the relevant alarm type on the display. The handset signals the prealarm by means of the configured warning tone.

## Either: Press any display key

Immediately press any display key or the volume key (+/-) in order to confirm the prealarm. The prealarm is reset and the pending alarm is prevented. This avoids a false alarm being issued.

## Confirm triggering event

The prealarm can also be confirmed by resolving the triggering event, i.e.:

- Move handset (Non Movement)
- Move handset less (Escape Alarm)
- Position handset upright (Man Down Alarm)
- Reinsert inadvertently removed pull cord contact (cord)
- Confirm Time Alarm by pressing any key


## Attention:

The prealarm only persists for a short time. This duration can be exceeded and therefore a false alarm induced. It is more reliable to confirm the prealarm using a display key.

## Technical warning on the handset

The handset can be configured so as to allow the following operating functions to be monitored:

- Synchronicity with DECT base station
- Charge status of battery pack

If a technical fault is detected, the handset issues a warning signal, which can be reset like a prealarm. The reason for the fault is shown on the display.
If the fault persists, the warning signal is repeated after a configurable time.

An alarming signal is no longer guaranteed. Exit the danger zone and resolve the cause of the fault!

## Sending an emergency alarm signal/calling for assistance

## In monitoring mode

The handset is in monitoring mode.

## Automatic alarming signal

The alarm sensors in the handset recognise operating statuses that trigger an alarming signal.

Certain alarm types initially generate a prealarm (configurable). If you do not acknowledge this alarm, the handset sends emergency alarm signals to the configured alarm destination.

## Manual alerting

Press the red alarm key on the handset. The handset sends emergency alarm signals to the configured alarm destination.
An existing call is automatically terminated. The handset repeatedly sends emergency alarm signals (maximum number of retries is configurable).

The necessary assistance measures are initiated by the location that received the emergency call following the alarming signal.

## In alarm status

The handset has sent an emergency alarm signal and is consequently in alarm status.

## In alarm status: Reset the alarm functionality

The handset is in alarm status.
Press the display key. The handset disables the alarm status/alarming signal and monitoring.
"PNG Off" is displayed again after every alarm call.
"PNG Off" is only displayed after five alarm calls. If "PNG Off" is not pressed, the handset repeats the alarm calls according to the configuration. The call duration and ringing interval are each extended by one second.

## Remark:

If you do not want the alarm to be disabled on the handset, a configuration with an alarm server must be used.

[^3]The monitoring LED on the handset is now extinguished!

## Deactivating monitoring

$3 \times \square \quad$ Press the centre key three times.
or
(c) Open the handset's main menu.

包 다 Extras OK
(T) [Mode] Activation $\square$

Select the menu icon and confirm.
Select the menu item and confirm. The procedure for disabling the alarm functionality is started.

The handset disables the alarm functionality automatically.
The handset is now no longer in monitoring mode.
The monitoring LED on the handset is now extinguished!
包[ [Mode] Activation $\square$ OK
This menu option is now no longer activated.

The check box is not marked if the function is disabled. By selecting the function again you can activate it again (8 Page 113).

## Function test when activating Alarm Mode and PNG Mode

A function test has to be performed before the Alarm Mode or PNG Mode is used. This test is performed automatically by the handset.

Please follow the instructions on the display.

## 1. Test: Charge status of battery pack

If the battery pack is adequately charged, no reference is made to the battery test.

If the battery charge is too low, the message "Battery low!" appears, the entire function test is cancelled and "Test Failed!" is displayed. Make sure the battery pack is adequately charged and start the startup procedure again!

## 2. Test: Alarm sensors (movement test)

Move the handset vigorously for a few seconds. An acknowledgement tone signals that the test has ended.
Shown on display if the test was successful. If not, the entire function test is cancelled and "Test Failed!" is displayed. Start the startup procedure again.

## 3. Test: Alarm sensors (non movement and man down test)

Hold the handset still for a few seconds or put it down. An acknowledgement tone signals that the test has ended.

Shown on display if the test was successful. If not, the entire function test is cancelled and "Test Failed!" is displayed. Start the startup procedure again.

## 4. Test: Alarm key

Press the red alarm key. An acknowledgement tone signals that the test has ended.

Shown on display if the test was successful. If not, the entire function test is cancelled and "Test Failed!" is displayed. Start the startup procedure again.

## 5. Test: Pull Cord Alarm

This test is only performed if the Pull Cord Alarm is activated on the handset.
Remove the cord and re-insert it. An acknowledgement tone sounds both when the cord is removed and when it is replaced.
Shown on display if the test was successful. If not, the entire function test is cancelled and "Test Failed!" is displayed. Start the startup procedure again.

## Note:

If the function test fails repeatedly, shut down the handset immediately and send it to the manufacturer.

When the function test has ended, the handset automatically calls the alarm server and passes on the test result.

Look out for display and voice output from the alarm server.

## Appendix

## Troubleshooting

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

| Error | Possible cause | Remedy |
| :---: | :---: | :---: |
| No display. | The handset is not switched on. <br> Batteries are empty. | Press the On-hook key until confirmation is received. <br> Charge or replace the batteries. |
| You cannot dial an external number. | The handset is locked. | Unlock the handset. |
| No reaction to keystroke. | Keypad lock activated. <br> The key is stuck. | Press the hash key until confirmation is received. <br> Release the key. |
| De-crescendo tone sequence during input. | An incorrect entry was made. | Repeat key sequence while watching the display; where applicable, consult the operating instructions. |
| The line "Base n " flashes ( $\mathrm{n}=$ 1-4). | The handset is outside the base radio range; radio signals too weak. <br> Handset not registered. <br> Intervals between synchronisation attempts are too long. | Come closer to the base radio range, change your position. <br> Register the handset. <br> Switch off the handset and switch it back on again. |
| No ringer on the handset. | The ringtone is deactivated. "Do Not Disturb" is activated. | Activate ringer. <br> Deactivate "Do Not Disturb" |
| The following, for example, appears: <br> Base 1 <br> Outgoing and incoming calls and activation/deactivation are not possible. | Handset is blocked. | Remove the batteries from the handset and then re-insert them. Proceed as when loading batteries for first time $\odot$ Page 12. |
| The following appears: incomplete | Maximum input time was exceeded. <br> The On-hook key was not pressed. | Avoid long pauses between keystrokes. <br> Press the On-hook key. |
| The following appears: incomplete | The communication system is overloaded. | Wait and try again later. |
| The following appears: Currently not available | Function is currently not available. <br> No connection available for the phone number dialled. | Wait and try again later. <br> Enter the phone number correctly or call the attendant console. |


| Error | Possible cause | Remedy |
| :---: | :---: | :---: |
| The following appears: <br> Not possible or: Incorrect entry. or: <br> Key not programmed. | Speed-dial number not available, appointment entered incorrectly, entry blocked or not allowed, prerequisite not fulfilled (for example if there is no second partner for toggling), number dialled was incomplete. | Correct your input, select a permitted option, enter the phone number in full. |
| The following appears: no access | Blocked function was called. | Apply to the relevant service personnel for the COS for the blocked function. |
| The following appears: PIN incorrect | Incorrect PIN was entered. | Enter the correct PIN. |
| The following appears: not available | Phone number was not fully entered, the star or hash key was not pressed. | Enter the phone number correctly or as prescribed. |
| The following appears: protected | Data transfer is active. | Wait and try again later. |

## Cleaning the handset

## Removing everyday dirt

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

## After contact with liquids

1. Deactivate the handset immediately. Do NOT activate it!
2. Remove the batteries immediately. Leave the battery compartment open.
3. Allow the liquid to drain off:

- Hold the handset in a horizontal position with the open battery compartment facing down.
- Hold the handset in a vertical position with the open battery compartment facing down. Shake the handset gently, slightly tilting it back and forth.
- Dab all components dry and then leave the handset in a warm spot (other than a microwave, oven, etc...) for at least 72 hours with open battery compartment and keypad facing down.
When it has fully dried out, you will usually be able to use it again.


## Storage

To avoid damage, the handset should not be stored with sharp objects, such as knives or tools, etc. We recommend using a protective pouch (8) Page 122.

## General specifications <br> Handset

Maximum sound pressure level according to less than $118 \mathrm{~dB}(\mathrm{~A})$ TBR10, Annex D
Weight incl. battery
Dimensions (WxHXD)

## DECT

DECT standard
GAP standard
No. of channels
Radio frequency range
Duplex method
Pulse repetition rate
Pulse transmission length
Channel grid
Bit rate
Modulation
Language code
Transmission power

Range
Environmental conditions in operation

Supported
Supported
60 duplex channels
1880-1,900 MHz
Time multiplex, 10 ms frame length
100 Hz
$370 \mu \mathrm{~s}$
$1,728 \mathrm{kHz}$
1152 kbit/s
GFSK
32 kbit/s
10 mW , average power per channel 250 mW pulse power
Up to 300 m outdoors, up to 50 m indoors $+5^{\circ} \mathrm{C}$ to $+45^{\circ} \mathrm{C}, 20 \%$ to $75 \%$ relative humidity

## Bluetooth

Radio frequency range
Transmission power
2402-2,480 MHz
4 mW pulse power

## Battery

Technology
Voltage
Capacity
Type for OpenStage M3 and
OpenStage M3 Plus
Type for OpenStage M3 Ex and
Lithium ion (Li-lon)

OpenStage M3 Ex Plus
3.7 V

750 mAh
V30145-K1310-X363

V30145-K1310-X453

The handset is supplied with the recommended battery. Only an original battery may be used. Replacement batteries can be ordered if necessary from Unify Service.

## Handset operating times/charging times

The operating time of your handset depends on the capacity and age of the battery and the way it is used. (All times are maximum possible times).

| Stand-by mode (hours) | a |
| :--- | :--- |
| Talktime (hours) | 17 |
| Charging time in charger (hours) | 4 |

a without/with display backlight

## Charging shells

| European Union | S30852-H2486-R101 |
| :--- | :--- |
| United Kingdom | S30852-H2486-L101 |
| US $(110 \mathrm{~V})$ | S30852-H2486-U101 |
| Australia | S30852-H2486-C401 |

## Accessories

Use only original accessories. This will avoid possible health risks and personal injury and also ensure that all the relevant regulations are complied with.

## Source

For information on accessories (such as headsets, protective pouches), contact Unify at the following address:
http://wiki.unify.com/wiki/DECT Handset accessory)

## Directives and standards

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

## EU directives



Unify Software and Solutions GmbH \& Co. KG hereby declares that the types of radio equipment OpenStage M3 Ex and OpenScape M3 Ex Plus comply with EU Directives 2014/53/EU, 2014/34/EU, and 2011/65/ EU.

The full text of the EU Declaration of Conformity is available in the Declarations of Conformity section at the following website: http://wiki.unify.com.

## Ex protection standards

- EN IEC 60079-0: Equipment - General requirements
- EN 60079-11: Device protection through intrinsic safety "i"
- EN 60079-31: Equipment dust ignition protection by enclosure "t"


## Protection rating

IP 65 ( 6 = dust-proof, 5 = protected from splashes and low-pressure jets of water) in accordance with IEC 60529

## EMC/Safety Standards

- Safety: EN 62368-1 / IEC 62368-1
- EMF/SAR: 99/519/EC (EU Council Recommendation), EN 50360; ICNIRP
- Acoustic Shock: ETSI EG 202 518, max. level 24 dBPa
- EMC: ETSI EN 301 489-1/6/17
- Radio:
- ETSI EN 301406
- ETSI EN 300328 (because of Bluetooth)
- Radio-Coexistence-Test (because of Bluetooth)

Additional requirements

- ETSI ES 202737 / ETSI ES 202738
- TBR 22

Additional requirements for industrial environments:

- IEC 61000-6-2 Electromagnetic compatibility (EMC) Part 6-4: Generic standards - Emission standard for industrial environments


## Writing and editing text

- Each key between 0 und 9 is assigned several letters and characters.
- Control the cursor with uvts. Press and hold u or v to move the cursor word by word.
- Characters are inserted at the cursor position.
- Press the star key * to display the table of special characters. Select the required character and press the display key Insert to insert the character at the cursor position.
- Press and hold 0 to 9 to enter digits.
- Press display key $\tilde{N}$ to delete the character to the left of the cursor. Press and hold to delete the word to the left of the cursor.
- The first letter of the name of address book entries is automatically capitalised, followed by lower case letters.


## Setting upper/lower case or digits

Repeatedly press the hash key \# to change the text input mode.

| 123 | Writing digits |
| :--- | :--- |
| Abc | Upper case $^{\text {a }}$ |
| abc | Lower case |

## a First letter in capitals, all others in lower case

The active mode is indicated at the bottom right of the screen.

## Writing names

- Enter the individual letters/characters by pressing the corresponding key.

The characters assigned to the key are shown in a selection line at the bottom left of the screen. The selected character is highlighted.

- Briefly press the key several times in succession to select the required letter/character.


## Standard characters

|  | 1x | 2x | 3x | 4 x | 5 x | 6x | 7 x | 8x | 9 x | 10x |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 1 |  |  |  |  |  |  |  |  |  |
| 2 | a | b | c | 2 | ä | á | à | â | ã | ç |
| 3 | d | e | f | 3 | ë | é | è | ê |  |  |
| 4 | g | h | i | 4 | 1 | í | i | ̂̂ |  |  |
| 5 | J | k | I | 5 |  |  |  |  |  |  |
| 6 | m | n | - | 6 | ö | ñ | ó | ò | ô | õ |
| 7 | p | q | r | 5 | 7 | $\beta$ |  |  |  |  |
| 8 | t | u | v | 8 | ü | ú | ù | û |  |  |
| 9 | w | X | y | z | 9 | ÿ | y | æ | $\varnothing$ | å |
| 0 | $\square^{\text {a }}$ | . | , | ? | ! | $\leftarrow^{\text {b }}$ | 0 |  |  |  |
| a Space <br> b Line fee |  |  |  |  |  |  |  |  |  |  |

## Accessing additional functions via the PC interface

To enable your handset to communicate with the PC, the Gigaset QuickSync program must be installed on your PC (free to download a http://wiki.unify.com/wiki/DECT_Handset accessory)

## Transferring data

After installing Gigaset QuickSync, connect the handset to your computer © Page 13 using Bluetooth $7^{7}$ Page 83 or USB data cable.

Start the Gigaset QuickSync program. You can now synchronise your handset directory with Outlook; download caller pictures (.bmp) and images (.bmp) as a screensaver and sounds (ringtones) from the computer to the handset (and vice versa) (see also © Page 82).

## Declaration of conformity

Your handset is supplied for use within a specific country, which is displayed on the underside of the device. Country-specific requirements have been taken into consideration.
The device complies with the basic requirements of the R\&TTE Directive and therefore displays the CE symbol.


## EU Declaration of Conformity

Unify Software and Solutions GmbH \& Co. KG
Otto-Hahn-Ring 6, 81739 Munich, Germany
declare that the declaration of conformity is issued under sole responsibility as manufacturer and belongs to the following product(s):

| Product Identification |  |
| :--- | :--- |
| OpenStage M3 Ex (S30852-S2471-R121-x) | S2, S3, E6, E7, R5, R6, R7, R8, A1, A2, A3, H1 |
| OpenStage M3 Ex Plus (S30852-S2471-R141-x) | S2, S3, E6, E7, R5, R6, R7, R8, A1, A2, A3, H1 |

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:
2014/53/EU Radio Equipment Directive (RED)
(Official Journal of the EU L153, 22.05.2014, p. 62-106)
2014/34/EU Equipment for explosive atmospheres Directive (ATEX) (Official Journal of the EU L96, 29.03.2014, p. 309-356)
2011/65/EU Restriction of the use of certain Hazardous Substances Directive (RoHS) (Official Journal of the EU L174, 01.07.2011, p. 88-110)
The conformity of the product described above with the provisions of the applied Directive(s) is demonstrated by compliance with the following standards / regulations:

|  | No. | Harmonised Standard / Technical Specification |
| :---: | :---: | :---: |
| Safety | S2 | EN 62368-1:2014 +A11:2017 |
|  | S3 | EN 62479:2010 |
| EMC | E6 | EN 61000-6-2:2005 +AC:2005 |
|  | E7 | EN 301 489-1 V2.1.1 |
| Radio | R5 | EN 300328 V2.2.2 |
|  | R6 | EN 301406 V2.2.2 |
|  | R7 | EN 301 489-6 V1.4.1 |
|  | R8 | EN 301 489-17 V3.1.1 |
| ATEX | A1 | EN IEC 60079-0:2018 |
|  | A2 | EN 60079-11:2012 |
|  | A3 | EN 60079-31:2014 |
| RoHS | H1 | EN IEC 63000:2018 |

Notified Body for Quality Management System

| Body Name | CSA Group Netherlands B.V. |
| :--- | :--- |
| Address | Utrechtseweg 310 (B42), 6812AR ARNHEM, Netherlands |
| No. of Notified Body | 2813 |


| Notified Body for EU-Type Examination Certificate |  |
| :--- | :--- |
| Body Name | IBExU Institut für Sicherheitstechnik GmbH |
| Address | Fuchsmühlenweg 7, 09599 Freiberg, Germany |
| No. of Notified Body | 0637 |
| EU-Type Examination Certificate | IBExU13ATEX1052, Issue 2 |

Designation: Ex II 2G Ex ib IIC T4 Gb (Ex) II 2D Ex tb IIIC T $120^{\circ} \mathrm{CDb}$ $-10^{\circ} \mathrm{C} \leq \mathrm{Ta} \leq+55^{\circ} \mathrm{C}$
 quality or durability. The safety instructions of the accompanying product documentation shall be observed.

Unify Software and Solutions GmbH \& Co. KG
Registered office: Munich; Commercial register of the local court of Munich, HRA 103245; WEEE Reg. DE 27980375;
General Partner: ALes Information Technology GmbH; Managing Directors: Udo Littke, Boris Becker;
Chairman of the Supervisory Board: Ellie Gerard; Registered office: Munichi; Commercial register of the local court of Munich, ARE 235509.

## EU-TYPE EXAMINATION CERTIFICATE

IBExU Institut für Sicherheitstechnik GmbH
An-Institut der TU Bergakademie Freiberg
[1] EU-TYPE EXAMINATION CERTIFICATE - Translation
[2] Equipment or protective systems
intended for use in potentially explosive atmospheres, Directive 2014/34/EU
[3] EU-type examination certificate number IBExU13ATEX1052 | Issue 2
[4] Product:
DECT Handset
Open Stage M3 Ex Open Stage M3 Ex Plus
Type: S30852-S2471-R121-x Type: S30852-S2471-R141-x
[5] Manufacturer: Unify Software and Solutions GmbH \& Co. KG
[6] Address: Otto-Hahn-Ring 6
81739 München
Germany
[7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
[8] IBExU Institut for Sicherheitstechnik GmbH , notified body number 0637 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the essential health and safety requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential test report IB-19-3-0160.
[9] Compliance with the essential health and safety requirements has been assured by compliance with: EN IEC 60079-0:2018, EN 60079-11:2012 and EN 60079-31:2014 except in respect of those requirements listed at item [18] of the schedule.
[10] If the sign " $X$ " is placed after the certificate number, it indicates that the product is subject to the specific conditions of use specified in the schedule to this certificate.
[11] This EU-type examination certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
[12] The marking of the product shall include the following:
(8x) ॥ $2 G$ Ex ib IIC T4 $\mathbf{G b}$
(8x) $\| 2 \mathrm{D} \mathrm{Ex}$ tb $\operatorname{IIC} T 120^{\circ} \mathrm{CDb}$
$-10^{\circ} \mathrm{C} \leq \mathrm{Ta} \leq+55^{\circ} \mathrm{C}$

IBExU Institut für Sicherheitstechnik GmbH
Fuchsmühlenweg 7
09599 Freiberg, GERMANY
By order


Dipl.-Ing. [FH] Henker

Tel: $\quad+49(0) 3731 / 38050$ Fax: + 49 (0) $3731 / 380510$

Certificates without signature and seal are not valid. Certficates may only be duplicated completely and unchanged In case of dispute, the German text shall prevail.

Freiberg, 2020-02-11

| IBExU Institut für Sicherheitstechnik GmbH An-Institut der TU Bergakademie Freiberg |  |  |
| :---: | :---: | :---: |
| [13] | Schedule |  |
| [14] | Certificate number IBExU13ATEX1052 \| Issue 2 |  |
| [15] | Description of product <br> The DECT handset for use in hazardous areas consists of a plastic case with integrated antenna and Li-ion battery. It can also be used with the appertaining leather case or carrying clip. The battery may only be charged outside the hazardous area using a charging station (NAG) or USB interface. The "x" in the type designation stands for a continuous character string to distinguish the equipment documentation. |  |
|  | Technical data <br> Ambient temperature range: <br> DECT HF peak power: <br> Bluetooth HF peak power: <br> Degree of protection of the case: | $\begin{aligned} & -10^{\circ} \mathrm{C} \text { up to }+55^{\circ} \mathrm{C} \\ & <159 \mathrm{~mW} \\ & <2.5 \mathrm{~mW} \\ & \text { IP } 64 \text { (EN 60529) } \end{aligned}$ |
|  | Li-ion battery <br> Rated voltage: <br> Rated capacity: | $\begin{aligned} & \text { V } 30145-\mathrm{K} 1310-\mathrm{X} 453 \\ & 3.7 \mathrm{~V} \\ & 1000 \mathrm{mAh} \end{aligned}$ |
|  | Charger incl. plug-in power supply (NAG) <br> Supply voltage: <br> Rated voltage: <br> Rated current: | ```S30852-H2486-R101/L101 230 V 10 V 637 mA (fuse 750 mA)``` |
|  | USB interface Rated voltage: Rated current: | internal connection in battery compartment 5.0 V <br> 200 mA (fuse 250 mA ) |
|  | Variations compared to issue 1 of this certificate: |  |
|  | Variation 1 |  |
|  | The equipment also meets the requirements of the EN IEC 60079-0:2018 standard. |  |
|  | Variation $x$ |  |
| [16] | Test report |  |
|  | The test documents are part of the test report and they are listed there. |  |
|  | Summary of the test results <br> The DECT handset meets the requirements of explosion protection of Equipment Group II and Category 2G in type of protection intrinsic safety and category 2D for dust explosion protection by enclosure. |  |
| [17] | Specific conditions of use None |  |
| [18] | Essential health and safety requiremen In addition to the essential health and safe item [9], the following are considered rele test report: None | rements (EHSRs) covered by the standards listed at this product, and conformity is demonstrated in the |
| FB106100\|1 |  | $\begin{array}{r} \text { Page } 2 / 3 \\ \text { IBEXU13ATEX1052 } \end{array}$ |

## IBExU Institut für Sicherheitstechnik GmbH

## An-Institut der TU Bergakademie Freiberg

## [19] Drawings and Documents

## The documents are listed in the test report.

IBExU Institut für Sicherheitstechnik GmbH
Fuchsmühlenweg 7
09599 Freiberg, GERMANY
By order

1. Herber

Dipl.-Ing. [FH] Henker Freiberg, 2020-02-11
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[^0]:    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.

[^1]:    ｜II－
    Regardless of whether or not a cord is used，the handset can be placed with the connector inserted in the charger．Run the cord out from the front of the charger．

[^2]:    $\|$ If a call is transferred, the costs are still assigned to the ACCT entered.

[^3]:    Attention:
    Pressing the "PNG Off" display key or pressing and holding (longpress) the On-hook key either cancels an alarm prematurely or ends it after it has already been triggered.

