

COMfortel M-520

DECT Handset

Advanced Information



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Safety precautions



Read the safety precautions and the user guide before use.

The device cannot be used in the event of a power failure. In case of a power failure it is also **not** possible to make **emergency calls**.

Emergency numbers **cannot** be dialled if the **keypad/display lock** is activated!



The handset must not be operated if the battery cover is open.



Do not use the devices in environments with a potential explosion hazard (e.g. paint shops).



The base and charger are not splashproof. For this reason do not install them in a damp environment such as bathrooms or shower rooms.



Use only the power adapter indicated on the device.

Whilst charging, the power socket must be easily accessible.

Use only the cable supplied for LAN connection and connect it to the intended ports only.



Remove faulty devices from use or have them repaired by our Service team, as these could interfere with other wireless services.



Do not use the device if the display is cracked or broken. Broken glass or plastic can cause injury to hands and face. Send the device to our Service department to be repaired.



Keep small cells and batteries, which can be swallowed, out of the reach of children.





Swallowing a battery can lead to burns, perforation of soft tissue and death. Severe burns can occur within 2 hours of swallowing.

In the case of a swallowed cell or battery, seek medical care immediately.





Using your telephone may affect nearby medical equipment. Be aware of the technical conditions in your particular environment, e.g. doctor's surgery. If you use a medical device (e.g. a pacemaker), please contact the device manufacturer. They will be able to advise you regarding the susceptibility of the device to external sources of high frequency energy.

Illustration in the user guide

	Warnings, which if not heeded, can result in injury to persons or damage to devices.
	Important information regarding function and appropriate handling or functions that could generate costs.
	Prerequisite for being able to carry out the following action.
	Additional helpful information.




Getting to know your telephone

Switching the handset on/off

- Switch on: ▶ When the handset is switched off, press and **hold** the End call key 
- Switch off: ▶ When the handset is in idle status, press and **hold** the End call key 

Locking/unlocking the keypad

The keypad lock prevents any accidental use of the telephone. If the handset is locked with a PIN (→ p. 60), you need this to unlock.

- Switch on: ▶  Press and **hold**
- Switch off: ▶ Press and **hold**  ▶ ... use  to enter the handset PIN (if other than 0000)

Keypad lock activated: the following symbol appears 




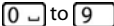








If a call is indicated on the handset, the keypad automatically unlocks and you can accept the call. It then locks again when the call is finished.








It is not possible to call emergency numbers either when keypad lock is activated.










Keys

	Talk key		Handsfree key
	End call key		Number / letter keys
	Control key rim / centre		Message key
	Recall key		Star key
	Hash key		Profile key
OK, Back, Select, Change, Save, ...		Display keys	

Procedures

Example: Switching Auto answer on/off



- ▶  ▶ ... use  to select  **Settings** ▶ **OK** ▶  **Telephony** ▶ **OK** ▶ **Auto Answer** ▶ **Change**  = on)

Step	Follow this procedure
▶ 	When in idle status press the centre of the control key. The main menu opens.
▶   ▶ OK	Navigate to the  icon using the control key  . Select OK to confirm. The submenu Settings opens.
▶  Telephony ▶ OK	Select the Telephony entry using the control key  . Select OK to confirm. The submenu Telephony opens.
▶ Auto Answer	The function to switch Auto answer on/off appears as the first menu item.
▶ Change	Select Change to activate or deactivate. Function is activated  /deactivated  .

Control key




The control key enables you to navigate the menus and input fields, and also to call up certain functions depending on the situation.

In the description below, the side of the control key (up, down, right, left) that you have to press in the different operating situations is marked in black, e.g.  for "press right on the control key" or  for "press the centre of the control key".

In idle status

Open the directory

 Press and **hold**

Open the list of available online directories
(if available and configured)

 Press **briefly**

Open the main menu

 or 

Open the list of available online directories
(if available and configured)



In submenus, selection and entry fields

Confirm a function



During a conversation

Open the directory



Mute the microphone

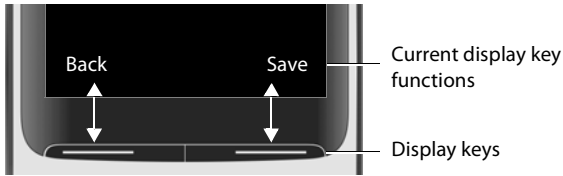


Adjust the loudspeaker volume for receiver and handsfree mode



Display keys

The display keys perform a range of functions depending on the operating situation.



Display key icons → p. 11.



The display keys have a function preset by default in idle status.
Changing the assignment → p. 48

Menu guidance

The functions of your telephone are displayed in a menu that consists of several levels.

Selecting/confirming functions

Confirm selection using	OK or press the centre of the control key
One menu level back using	Back
Change to idle status	Press and hold
Switch function on/off using	Change on <input checked="" type="checkbox"/> / off <input type="checkbox"/>
Activate/deactivate option using	Select activated <input checked="" type="radio"/> / not activated <input type="radio"/>

Main menu

In idle status: ▶ Press the **centre** of the control key ▶ ... use the control key to select a submenu ▶ **OK**

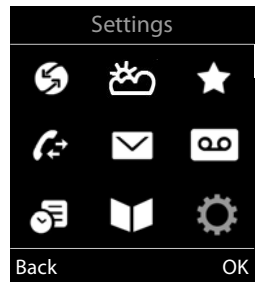
The main menu functions are shown in the display as icons. The icon for the selected function is highlighted in colour and the name of the associated function appears in the display header.



The main menu functions are partially base-specific. The main menu may look different on your handset.

The example shows the menu of a handset from a COMfortel WS-500S/COMfortel WS-500M.


Example



Message lists

Submenus


The functions in the submenus are displayed as lists.

To access a function: ▶ ... use the control key  to select a function ▶ OK

Return to the previous menu level:

▶ Press the display key **Back**

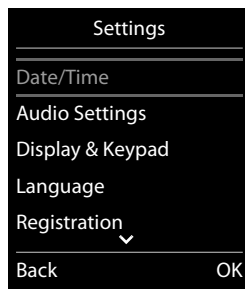
or

▶ Press the End call key  **briefly**




If a key is not pressed, after 2 minutes the display will **automatically** change to idle status.

Example





Message lists


Notifications about missed calls, messages on the network mailbox and missed alarms are saved in the messages list.

As soon as a **new message** arrives, an advisory tone will sound. The Message key  also flashes (if activated → p. 9). Icons for message types and the number of new messages are shown on the idle display.

Notification for the following message types is available:

 on the network mailbox (→ p. 28)

 in the missed calls list (→ p. 27)

 in the missed alarms list (→ p. 31)




The icon for the network mailbox is always displayed, provided the number is saved in the telephone. The other lists are only displayed if they contain messages.

Display messages:

▶ Press the Message key  ... Message lists that contain messages are displayed, **Mailbox:** is always displayed

An entry is marked in **bold**: new messages are available. The number of new messages is shown in brackets.

An entry is **not** marked in bold: no new messages. The number of old messages is shown in brackets.

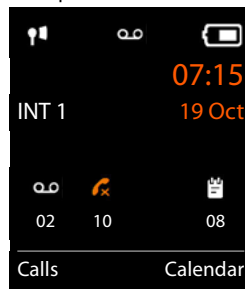
▶ ... use  to select a list ▶ OK ... the calls or messages are listed

Network mailbox: The network mailbox number is dialled (→ p. 28).

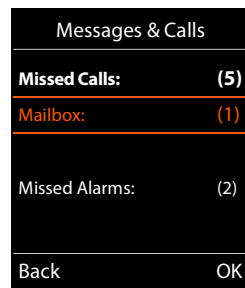


The messages list also contains an entry for each of the handset's answer machines, if available on the base.

Example



Example












Activating/deactivating Message key flashing

Receipt of new messages is displayed by a flashing Message key on the handset. This type of alert can be activated/deactivated for each message type.


This setting is entered on the base for each registered handset. You can change this setting for your handset:

In idle status:


- ▶  ▶ Press keys      ... the number 9 appears in the display ▶ ... use  to select the message type:

Messages on the network mailbox ▶  

Missed calls ▶  

... the number 9 followed by the entry (e.g. 975) is displayed, the current setting for the selected message type flashes in the entry field (e.g. 0) ▶ ... use  to set the action for the arrival of new messages:

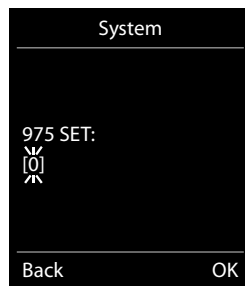
The Message key flashes ▶ 

The Message key does not flash ▶ 


- ▶ ... confirm selected setting with **OK**

or

- ▶ ... return to idle display without making changes: ▶ **Back**



Menu overview

Open the main menu: ▶ when handset is in idle status press 



Select Services

Next Call Anonym.	→ p. 17
Call Divert	→ p. 19
Call Waiting	→ p. 18
Do not Disturb	
Ringback Off	→ p. 19



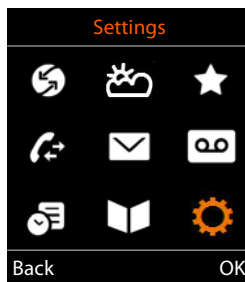
Info Centre

Not available



Additional Features

One Touch Call		→ p. 14
Resource Directory	Screensavers	→ p. 42
	Caller Pictures	
	Sounds	
	Capacity	



Menu overview

Bluetooth	Activation	→ p. 36
	Search for Headset	→ p. 37
	Search Data Device	→ p. 37
	Known Devices	→ p. 37
	Own Device	→ p. 38

Call Lists → p. 27

All calls
Outgoing calls
Accepted calls
Missed calls

Messaging

Not available

Answer Machine

Play Messages	→ p. 28
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Organizer

Calendar	→ p. 30
Timer	
Alarm Clock	→ p. 32
Missed Alarms	→ p. 31

Contacts

Directory	→ p. 22
Online Directory	→ p. 25

Settings






Date/Time	Audio Settings	Handset Volume	Acoustic Profiles	Earpiece Profiles	→ p. 44	
				Handsfree Profiles	→ p. 44	
				Advisory Tones	→ p. 46	
				Silent Alert	→ p. 46	
				Ringtones (Handset)	Volume	→ p. 45
					Melodies	→ p. 45
					Time Control	→ p. 33
					Anon. Calls Silent	→ p. 33






		Silent Charging	→ p. 33
Display & Keypad	—	Screensaver	→ p. 42
		Large Font	→ p. 42
		Colour Schemes	→ p. 42
		Display Backlight	→ p. 43
		Key Illumination	→ p. 43
		Auto Keypadlock	→ p. 43
Language			→ p. 41
Registration	—	Register Handset	→ p. 49
		Select Base	→ p. 49
Telephony	—	Auto Answer	→ p. 44
		Area Codes	→ p. 46
System	—	Handset Reset	→ p. 49
		Handset PIN	→ p. 49
		Handset Update	

Display icons



The following icons are displayed depending on the settings and the operating status of your telephone.



Icons in the status bar

Icon	Meaning
	Signal strength 1% -100%
	Red: no connection to the base station
	Profile Silent activated (ringtone switched off)
	"Beep" ringtone activated
	Keypad lock activated

Icon	Meaning
	Battery charge status: White: between 11% and 100% charged
	Red: less than 11% charged
	Flashes red: battery almost empty (approx. 5 minutes of talktime left)
	Battery is charging (current charge status): 0% - 100%
	





Display key icons





Icon	Meaning
	Last number redial
	Delete text

Icon	Meaning
	Open the directory
	Copy number to the directory




Display icons




Display icons to indicate ...

Icon	Meaning
	External call
	Internal call
	Establishing a connection (outgoing call)
	Connection established

Icon	Meaning
	No connection established/ connection terminated
	Reminder for appointment
	Reminder for anniversary
	Alarm call

Other display icons

Icon	Meaning
	Alarm clock is activated, display with alarm time
	Action complete (green)
	Action failed (red)

Icon	Meaning
	Information
	(Security) prompt
	Please wait ...

Telephony

Making calls



Information for Calling Line Identification: → p. 17

When the display backlight is off (→ p. 43) the display backlight is activated the first time that any key is pressed. **Digit keys** that are pressed appear in the display for pre-dialling, **other keys** have no further function.

▶ ... use to enter a number ▶ **Briefly** press the Talk key

or

▶ Press and **hold** the Talk key ▶ ... use to enter a number ... the number is dialled approximately 3.5 seconds after the last digit is entered

Further information → user guide of the base station

Dialling from the directory

▶ ... use to open the handset's local directory

or

▶ ... use to open the company directory (if available)

▶ ... use to select an entry ▶ press the Talk key ... the number is dialled

If multiple numbers are entered:

▶ ... use to select a number ▶ press the Talk key ... the number is dialled



For fast access (quick dial): Assign a number from the directory to the number or display keys (→ p. 47)

Select from a public directory → p. 25

Dialling from the redial list

The redial list contains the 20 numbers last dialled with the handset.

▶ **Briefly** press the Talk key ... the redial list is opened ▶ ... use to select an entry ▶ Press the Talk key

If a name is displayed:

▶ **View** ... the number is displayed ▶ ... use to browse numbers if necessary ▶ ... when the desired number is reached press the Talk key

Managing entries in the redial list

▶ **Briefly** press the Talk key ... the redial list is opened ▶ ... use to select an entry ▶

Options ... possible options:

Copy an entry to the directory: ▶ **Copy to Directory** ▶ **OK**

Copy the number to the display:

Making calls

- ▶ **Display number** ▶ OK ▶ ... use to edit or add numbers if necessary ... use to save as a new entry in the directory

Delete the selected entry: ▶ **Delete entry** ▶ OK

Delete all entries: ▶ **Delete all** ▶ OK

Set automatic redial:

- ▶ **Automatic Redial** ... the dialled number is automatically dialled at fixed intervals (at least every 20 secs). The handsfree key flashes, "open listening" is activated.

The participant answers: ▶ Press the Talk key ... the function is terminated

The participant does not answer: The call is interrupted after around 30 secs. The function is terminated after pressing any key or after ten unsuccessful attempts.

Dialling from the call list

The call lists (→ p. 27) contain the most recent accepted, outgoing and missed calls.

- ▶ ▶ ... use to select **Call Lists** ▶ OK ▶ ... use to select a list ▶ OK ▶ ... use to select an entry ▶ Press the Talk key

Example

All calls	
	Frank 19/02/2019, 15:40
	089563795 13/02/2019, 15:32
	Susan Black 11/02/2019, 13:20
View	Options



The call lists can be displayed directly by pressing the display key **Calls** if the relevant function has been assigned to the display key.

The **Missed calls** list can also be opened by pressing the Message key .

One touch call

A predefined number is dialled by pressing **any** key.

Activate one touch call mode:

- ▶ ▶ ... use to select **Additional Features** ▶ OK ▶ **One Touch Call** ▶ OK ▶ ... use to activate Aktivierung ▶ **Call to** ▶ ... use to enter the number ▶ Save ... the active one touch mode is shown in the idle display


Make a one touch call: ▶ Press any key ... the saved number is dialled

Cancel dialling: ▶ Press the End call key .


End one touch call: ▶ Press and **hold** the End call key .

	07:15 22 Feb
INT 1	
OneTouchCall active	
0891234567	
OFF	


Incoming calls

An incoming call is indicated by ringing, by a display on the screen and by the flashing Talk key .

Accepting a call:

- Press the Talk key  or ► **Accept**
- if **Auto Answer** is activated (→ p. 44): ► Remove the handset from the charging cradle
- Accept a call on the Bluetooth headset → p. 36

Switch off ringtone: ► **Silence** ... the call can be accepted for as long as it is shown on the display

Reject a call: ► Press the End call key 

Information about the caller


The caller's phone number is displayed. If the caller's number is saved in the directory, the name is displayed.



The caller's number will be transferred (→ p. 17).

Accepting/rejecting call waiting


A call waiting tone indicates a call during an external call. The number or the name of the caller is displayed if the phone number is transferred.

- Reject a call: ► **Reject**
- Accept a call: ► **Accept** ► ... speak to the new caller. The previous call is placed on hold.
- End the call, resume the on-hold call: ► Press the End call key .



During a conversation

Handsfree mode

Activate/deactivate handsfree mode during a call and when establishing a connection:

- Press the handsfree key 



Place the handset in the charging cradle during a call:

- Press and hold the handsfree key  ► ... Place the handset in the charging cradle ► ...  hold for further 2 seconds


During a conversation

Call transfer

Connecting an external call to a VoIP connection with a second external participant (depending on the provider).

- ▶ Use the display key **Ext. Call** to establish an external consultation call ▶ ... use  to enter the number of the second participant ... the active call is placed on hold ... the second participant is called and picks up ▶ press the  key ... the call is transferred



The  key can be assigned on the base to other features.

→ user guide of the base station

Call volume

Applies to the current mode (handsfree, receiver or headset):

- ▶ Press  ▶ ... use  to set the volume ▶ **Save**



The setting is automatically saved after around 3 seconds, even if **Save** is not pressed.



Muting the microphone

When the microphone is switched off, callers will no longer hear you.

Switch the microphone on/off during a call: ▶  Press.

Setting the microphone sensitivity

During a call: There are four settings for the microphone sensitivity. With these settings you get better acoustics in noisy or echoing environments.

- ▶ Press and hold the  key ▶ ... use  to set the microphone sensitivity ▶ **Save** ... the change is immediately effective and also applies to subsequent calls.



If you do not save the setting, it only applies for the current call.

Network services



If your telephone is connected to a PBX, network services may also be available from the PBX. Information is available from your PBX operator, where applicable.

Network services fall into two distinct groups:

- Network services that are activated when in idle status for the following call or all subsequent calls (for example, "calling anonymously"). These are activated/deactivated via the **Select Services** menu.
- Network services that are activated during an external call, (for example, "consultation call", "swapping between two callers" and "setting up conference calls"). These are made available during an external call either as an option or by using a display key (e.g. **Ext. Call, Conf.**).

You will find a description of the features on your network provider's website or at one of their store branches.

If you require assistance, please contact your network provider.



To activate/deactivate the features, a code is sent to the telephone network.

▶ After a confirmation tone from the telephone network, press .

It is not possible to reprogram the network services.

Calling Line Identification

During a call, the caller's number is transferred (CLI = Calling Line Identification) and may be displayed on the recipient's display (CLIP = CLI presentation). If the caller's number is withheld, it will not be displayed to the recipient. The call is made anonymously (CLIR = CLI Restriction).

Caller display for incoming calls

Calling Line Identification

The caller's phone number is displayed. If the caller's number is saved in the directory, the name is displayed.

No Calling Line Identification

Instead of name and number, the following is displayed:

- **External:** No number has been transferred.
- **Withheld:** Caller has withheld Calling Line Identification.
- **Unavailable:** Caller has not authorised Calling Line Identification.

Calling Line Identification for outgoing calls

Deactivating Calling Line Identification for the next call

▶ ▶ ... use to select **Select Services** ▶ OK ▶ **Next Call Anonym.** ▶ OK ▶ ... use to enter the number ▶ **Dial** ... the connection is established without Calling Line Identification

Transferring the name from the online directory

It is also possible to display the name of the caller as stored in the online directory instead of the number.



The provider of the online directory supports this function.

The "Display caller name" function has been activated via the Web configurator.

The caller has authorised Calling Line Identification and has not withheld the function.


The telephone is connected to the Internet.

The caller's number is not saved in the handset's local directory.

Call waiting during an external call

During an **external** call, a call waiting tone indicates another external caller. If the number is being transferred, you will see the number or the name of the caller on the display.

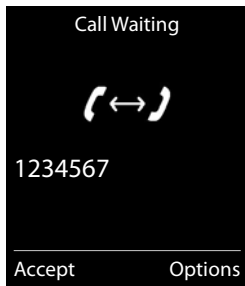
Reject waiting caller:

- ▶ **Options** ▶  **Reject waiting call** ▶ **OK** ... the waiting caller hears the busy tone






Accept the waiting call:

- ▶ **Accept**

Once you have accepted the waiting call, you can switch between the two callers (**Call Swap**) or speak to both at the same time (**Conference**).



Activating/deactivating call waiting

- ▶  ▶ ... use  to select  **Select Services** ▶  **Call Waiting** ▶ **OK** ... then
 - Switch on/off: ▶ **Status:** ... use  to select **On** or **Off**
 - Activate: ▶ **Send**

Call waiting is activated or deactivated for all registered handsets.

Ringback

If busy/no answer






If a call recipient is unavailable, you can initiate a ringback.

- **If busy:** The ringback takes place as soon as the participant in question terminates the current call.
- **If no answer:** The ringback takes place as soon as the participant in question has made another call.

Initiate ringback

▶ **Options** ▶  **Ringback** ▶ **OK** ▶ Press the End call key 

Cancelling ringback

▶  ▶ ... use  to select  **Select Services** ▶ **OK** ▶  **Ringback Off** ▶ **OK** ... You will receive a confirmation from the telephone network ▶ Press the End call key 



You can only activate one ringback at a time. Activating a ringback will automatically cancel any ringback that is already active.


The ringback can only be received on the handset that activated the ringback.

If the ringback is indicated before you are able to cancel it: ▶ **Cancel**

Call divert

When diverting a call, the call is forwarded to another connection.

▶  ▶ ... use  to select  **Select Services** ▶ **OK** ▶  **Call Divert** ▶ **OK** ▶ ... then

Switch on/off: ▶ **Status:** ... use  to select **On** or **Off**

Enter the number for call divert:

▶  **To Phone Number** ▶ ... use  to enter the number

Set the time for call divert:

▶  **When** ▶ ... use  to select the time for call divert

All Calls: Calls are diverted immediately

No Answer: Calls are diverted if no one accepts the call within several rings.

When Busy: Calls are diverted if the line is busy.

Activate: ▶ **Send**




Any call that has been diverted is entered in the call lists.

Depending on base: If several connections are available, a call divert can be set up for every connection.

Calls with three participants


Consultation calls

Make another external call during an external call. The first call is placed on hold.


- ▶ **Ext. Call** ▶ ... use  to enter the number of the second participant ... the active call is placed on hold and the second participant is called

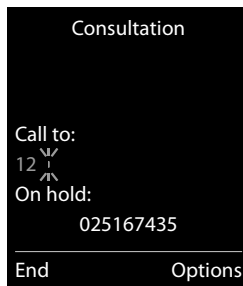
If the second participant does not answer: ▶ **End**

Ending a consultation call

- ▶ **Options** ▶  **End active call** ▶ **OK** ... the connection to the first caller is reactivated



or

- ▶ Press the End call key  ... a recall to the first participant is initiated




Call swapping

Switching between two calls. The other call is placed on hold.

- ▶ During an external call, dial the number of a second participant (consultation call) or accept a waiting caller ... the display shows the numbers and/or names of both call participants, the current participant is marked with .
- ▶ Use the control key  to switch back and forth between participants

Ending a currently active call

- ▶ **Options** ▶  **End active call** ▶ **OK** ... the connection to the other caller is reactivated

or

- ▶ Press the End call key  ... a recall to the first participant is initiated



Conference

Speaking to both participants at the same time.

- ▶ During an external call, dial the number of a second participant (consultation call) or accept a waiting caller ... then


Initiate conference call:

- ▶ **Conf.** ... all callers can hear one another and hold a conversation with one another


Return to call swapping:

- ▶ **End Conf.** ... You will be reconnected to the participant with whom the conference call was initiated. The second participant is put on hold.

End call with both participants:

- ▶ Press the End call key 


Calls with three participants

Each of the participants can end their participation in the conference call by pressing the End call key  or putting the handset in the charging cradle.

Local handset directory

The local directory is unique to the handset.

Opening the directory

▶  Press and hold

or

▶  ▶ ... use  to select  **Contacts** ▶ OK ▶ **Directory** ▶ OK

Directory entries

Number of entries: up to 500


Information: First name and surname, up to three telephone numbers, e-mail address, anniversary with alert, VIP ringtone with VIP icon, CLIP-picture

Length of the entries: Numbers: max. 32 digits
First name, surname: max. 16 characters
E-mail address: max. 64 characters




Creating an entry

▶ Open the directory ▶  <New Entry> ▶ OK ▶ ... use  to switch between the entry fields and enter data for an entry:



Names/numbers:

▶ ... use  to enter first names and/or surnames, at least one number (personal, office, or mobile) and an e-mail address, if applicable


Anniversary:

▶ ... use  to activate/deactivate **Anniversary** ▶ ... use  to enter date and time ▶ ... use  to select type of alert (**Visual only** or a ringtone)

Caller Melody (VIP):

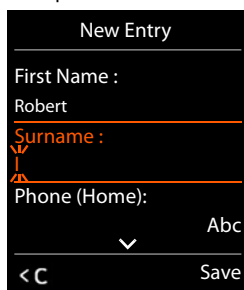
▶ ... use  to select the ringtone that will indicate a call from the participant ... if a **Caller Melody (VIP)** has been assigned, the entry will appear in the directory with the  icon.

Caller Picture:

▶ ... use  to select a picture that is to be displayed during a call from the participant (Resource Directory → p. 34).

Save entry: ▶ **Save**

Example



The entry is only valid if it contains at least one number.



For **Caller Melody (VIP)** and **Caller Picture**: the telephone number of the caller must be supplied.

Entering text

Input position

- ▶ Use to select an entry field. A field is activated when the cursor is blinking inside it.
- ▶ Use to move the position of the cursor.

Correcting incorrect entries

- Delete **characters** to the left of the cursor: ▶ Press **briefly**
- Delete **words** to the left of the cursor: ▶ Press and **hold**

Entering letters/characters

Multiple letters and numbers are assigned to each key between and . As soon as a key is pressed, the possible characters are displayed at the bottom of the display. The selected character is highlighted.

- Selecting letters/numbers: ▶ Press the key **briefly** several times in succession
- Switch between lower case, upper case and number entry mode: ▶ Press the hash key

When editing a directory entry, the first letter and each letter following a space is automatically in upper case.
- Entering special characters: ▶ Press the star key ▶ ... use to navigate to the desired character ▶ **Insert**

New Entry	
First Name :	
Peter	
Surname :	
Phone (Home):	
	Abc
< C	Save



The availability of special characters depends on the language setting.

Searching for/selecting a directory entry

- ▶ Open the directory ▶ ... use to browse searched names
- or
- ▶ Open the directory ▶ ... use to enter initial letters (max. 8 letters) ... the display jumps to the first name starting with these initial letters ▶ ... use to continue browsing to the desired entry, if needed

Scroll through directory: ▶ open the directory ▶ Press and **hold**



Displaying/changing an entry

- ▶ Open the directory ▶ ... use to select entry ▶ **View** ▶ ... use to select the field to be changed ▶ **Edit**

or

- ▶ Open the directory ▶ ... use to select an entry ▶ **Options** ▶ **Edit entry** ▶ **OK**

Deleting entries

Delete the **selected** entry: ▶ Open the directory ▶ ... use  to select an entry ▶ **Options** ▶  **Delete entry** ▶ **OK**

Delete **all** entries: ▶ Open the directory ▶ **Options** ▶  **Delete all** ▶ **OK** ▶ **Yes**

Setting the order of the directory entries

Directory entries can be sorted by first name or surname.

▶ Open the directory ▶ **Options** ▶  **Sort by Surname / Sort by First Name**

If no name was entered, the default telephone number is shown in the surname field. These entries appear at the beginning of the list, regardless of how the entries are sorted.

The sort order is as follows:

Space | Digits (0-9) | Letters (alphabetically) | Other characters.

Displaying the number of entries available in the directory

▶ Open the directory ▶ **Options** ▶  **Available Memory** ▶ **OK**

Copying number to the directory

Copy numbers to the directory:

- From a list e.g. the call list or the redial list
- From a public online directory or classified directory
- When dialling a number



The number is displayed or highlighted.

▶ Press the display key  or **Options** ▶  **Copy to Directory** ▶ **OK** ... possible options:

Create a new entry:

▶ **<New Entry>** ▶ **OK** ▶ ... use  to select number type ▶ **OK** ▶ complete entry ▶ **Save**

Add number to an existing entry:

▶ ... use  to select an entry ▶ **OK** ▶ ... use  to select number type ▶ **OK** ... the number is entered or a prompt to overwrite an existing number is displayed ▶ ... if required, answer the prompt with **Yes/No** ▶ **Save**

LDAP

In addition to the local directory, you can use up to 10 provider-specific public online directories, set up in your PBX configuration.



LDAP-Server (e.g. PBX) and at least one LDAP account are set up (→ Instructions of the PBX).
Settings in the base station must be made (→ Instructions of the base station).

Exclusion of liability

Auerswald GmbH & Co. KG assumes no guarantee or liability for the availability of this service. The service may be discontinued at any time.

Opening an online directory

▶ Press **briefly** ... the list of online directories is displayed with provider-specific names ▶ ... use to select the online directory from the list ▶ **OK**

or

▶ ▶ ... use to select **Contacts** ▶ **OK** ▶ **Online Directory** ▶ **OK** ▶ ... use to select the online directory from the list ▶ **OK**



A maximum of 50 entries is listed. If the online directory has more than 50 entries, the online directory is not completely shown. In this case the wanted entry must actively be searched for.

Calls to the online directory are always free of charge.

Searching for an entry

▶ Open the online directory ▶ ... use to select a directory ▶ **OK** ▶ ... use to enter search criteria ▶ ... use to switch between the entry fields ▶ **Search**

Searching for a telephone number: ▶ Enter name and town/city

Name/category: ▶ ... use to enter the name, part of a name or the category (max. 30 characters)

Town/city: The names of towns/cities most recently entered are displayed (maximum 5).

▶ ... use to enter the name of the town/city in which the participant you are searching for lives (max. 30 characters)

▶ or use to select one of the displayed town/city names

Start search: ▶ **Search** ... the search will then be started.

Town/city details unclear: ... possible town/city names are displayed ▶ ... use to select a town/city name ▶ **OK**

Searching for a name (reverse search): ▶ Dialling the number

Number: ▶ ... use to enter the number (max. 30 characters).

Start search: ▶ **Search** ... the search will then be started.

Search result (hit list)



The selected online directory supports the number search.

No entries found to match the search criteria given:

- Start a new search: ▶ **Options** ▶ **New Search**

Too many entries found:

- Start a refined search: ▶ **Refine**
- The number of hits appears in the display (depends on the provider).
Display hit list: ▶ **Options** ▶ **View details**

Start a refined search

The refined search limits the number of hits returned by a previous search using additional search criteria (first name and/or street).

- ▶ hit list from **New Search** ▶ **Refine**

or

- ▶ Open the online directory ▶ **Options** ▶ **Refine Search** ▶ **OK** ... the search criteria are transferred from the previous search and are entered into the corresponding fields ▶ ... edit or add search criteria, e.g. enter first name or street ▶ **Search**

Search result (hit list)

The first entry found is displayed. The consecutive number of the entry displayed and the hit number is visible at the top right (e.g. 1/50).

- Scroll through the list: ▶
- Display the full entry: ▶ **Options** ▶ **View Details** ... all entry information is displayed in full ▶ ... use to scroll through the entry
- Refine search criteria and restrict hit list: ▶ **Options** ▶ **Refine Search** ▶ **OK** (→ p. 26)
- Start a new search: ▶ **Options** ▶ **New Search** ▶ **OK**
- Copy an entry to the local directory: ▶ **Options** ▶ **Copy to Directory** ▶ **OK** ▶ ... use **<New Entry>** or select an existing entry ▶ **OK** ▶ **Save** ... the entry is saved, the complete name is transferred to the **Surname** field of the local directory

Example

LDAP	1/50
Sand, Marie Elisabe ...	
0049123456789	
Parkstraße 11	
Berlin 12345	
View	Options

Calling participants

- ▶ Select entry ▶ Press the Talk key

If the entry only contains one phone number, this is the one that is dialled.

A list of numbers appears if there is more than one number.

- ▶ Select number ▶ **Dial**

Call lists



The telephone saves different types of calls (missed, accepted and outgoing calls) in lists.

List entry

The following information is displayed in the list entries:

- The list type (in the header)
- Icon for the type of entry:
 - Missed calls,
 - Accepted calls,
 - Outgoing calls
- Caller's number. If the number is stored in the directory, the name and number type (Phone (Home), Phone (Office), Phone (Mobile)) are shown instead. In the event of missed calls, the number of missed calls from this number is also shown in square brackets.
- Date and time of call (if set)

Example on a COMfortel base station

All calls	
Frank	
Today, 15:40	[3]
089563795	
13/05/19, 18:32	
Susan Black	
12/05/2019,	
View	Options



If the handset is registered to any GAP-compatible base, the call list only contains missed calls.

Opening the call list

Via the display key: ▶ **Calls** ▶ ... use to select the list ▶ **OK**

Via the menu: ▶ ▶ ... use to select **Call Lists** ▶ **OK** ▶ ... use to select the list ▶ **OK**

Via the Message key (missed calls):

▶ Press the Message key ▶ **Missed Calls:** ▶ **OK**

Calling back a caller from the call list

▶ ▶ ... use to select **Call Lists** ▶ **OK** ▶ ... use to select a list ▶ **OK** ▶ ... use to select entry ▶ press the Talk key

Additional options

▶ ▶ ... use to select **Call Lists** ▶ **OK** ▶ ... use to select list ▶ **OK** ... possible options:

View an entry: ▶ ... use to select entry ▶ **View**

Copy the number to the directory:

▶ ... use to select entry ▶ **Options** ▶ **Copy to Directory**

Delete an entry: ▶ ... use to select entry ▶ **Options** ▶ **Delete entry** ▶ **OK**

Delete list: ▶ **Options** ▶ **Delete List** ▶ **OK**

Network mailbox



The PBX will provide a network mailbox.

The network mailbox is set up and activated on the base.

In order to record all calls, a network mailbox should be set up for each telephone connection.

Each network mailbox accepts incoming calls made via the corresponding line.



The network mailbox is automatically called via the corresponding connection. An automatic area code specific to the phone is **not** prefixed.

The network mailbox messages can be played back using the phone's keypad (digit codes). For VoIP, you need to use the settings of the base station to define how the digit codes are to be converted to DTMF signals and transmitted (depends on the provider).

Activating/deactivating the network mailbox, entering a number

On the handset, you can manage the network mailboxes that are assigned to one of its receive connections.

▶ ▶ ... use to select **Answer Machine** ▶ OK ▶ **Network Mailbox** ▶ OK ▶ ... use to select connection if applicable ▶ OK ... then

Activate/deactivate network MB:

▶ **Status** ... use to select **On** or **Off**

Enter number:

▶ **Network Mailbox** ▶ ... use to enter or amend the network mailbox number

With some VoIP providers, the phone number has already been downloaded together with the general VoIP provider data and saved to the base station.

Save settings:

▶ **Save**

Playing back messages

▶ Press and hold

or

▶ Press the Message key ▶ ... use to select network mailbox ▶ OK


or

▶ ▶ ... use to select **Answer Machine** ▶ OK ▶ **Play Messages** ▶ OK ▶ ... use to select network mailbox ▶ OK

Listen to announcement out loud: ▶ Press the handsfree key


Sound profiles

The telephone has 3 sound profiles for adapting the handset to the environmental conditions: **Profile Loud, Profile Silent, Profile Personal**

- Use  to switch between the profiles ... the profile is changed straight away without a prompt

The profiles are set as follows by default:

Default setting		Profile Loud	Profile Silent	Profile Personal
Silent alert (→ p. 46)		On	Off	Off
Ringtone (→ p. 45)		On	Off	On
Ringtone volume (→ p. 45)	Internal	5	Off	5
	External	5	Off	5
Handset volume (→ p. 44)	Receiver	5	3	3
	Handsfree mode	5	3	3
Advisory tones (→ p. 46)	Key click	Yes	No	Yes
	Confirmation tone	Yes	No	Yes
	Battery tone	Yes	Yes	Yes

Activate alert tone for an incoming call for **Profile Silent**: ► after switching to **Profile Silent** press the display key **Beep** ... the following icon appears in the status bar 



Changes to the settings listed in the table:

- apply in the **Loud** and **Silent** profiles as long as the profile is not changed.
- are permanently saved in the **Profile Personal** for this profile.

The set profile remains set when switching the handset off and back on.

Calendar

You can remind yourself of up to **30 appointments**.

In the calendar, the current day is outlined in white; on days with appointments, the numbers are displayed in colour. When a day is selected, it will be outlined in colour.



The calendar of the handset and the one of the PBX are independent of each other.

July 2019							
Mo	Tue	We	Th	Fri	Sat	Su	
		01	02	03	04	05	06
07	08	09	10	11	12	13	
14	15	16	17	18	19	20	
21	22	23	24	25	26	27	
28	29	30	31				
Back						OK	

Saving appointments to the calendar



Date and time have been set.

- ▶ ▶ ... use to select **Organizer** ▶ OK ▶ **Calendar** ▶ OK ▶ ... use to select desired day ▶ OK ... then
 - Switch on/off: ▶ **Activation:** ... use to select **On** or **Off**
 - Enter date: ▶ **Date** ... the selected day has been pre-set ▶ ... use to enter new date
 - Enter time: ▶ **Time** ▶ ... use to enter hours and minutes of the appointment
 - Set name: ▶ **Text** ▶ ... use to enter a description of the appointment (e.g. evening meal, meeting)
 - Set alarm tone: ▶ **Signal** ▶ ... use to select the melody of the reminder alarm or deactivate the acoustic signal
 - Save appointment: ▶ **Save**



If an appointment has already been entered: ▶ **<New Entry>** ▶ OK ▶ ... Then enter information for the appointment.

Notification of appointments/anniversaries

Anniversaries are transferred from the directory and displayed as an appointment. An appointment/anniversary is displayed in idle status and the selected ringtone plays for 60 seconds as a notification.

- Acknowledge and stop the reminder: ▶ Press the display key **OFF**




During a call, a reminder is indicated on the handset **once** with an advisory tone on the handset.

Displaying missed appointments/anniversaries

The following appointments and anniversaries are saved in the **Missed Alarms** list:

- The appointment/anniversary call was not acknowledged.
- The appointment/anniversary was notified during a phone call.
- The handset was switched off at the time of the appointment/anniversary.

The last 10 entries are saved. The  icon and the number of new entries are shown in the display. The most recent entry appears at the top of the list.

Opening the list

▶ Press the Message key  ▶  Missed Alarms: ▶ OK ▶ ... use  to scroll through the list if needed







or

▶  ▶ ... use  to select  Organizer ▶ OK ▶  Missed Alarms ▶ OK

Each entry is displayed with the number or name, date and time. The most recent entry appears at the top of the list.

- Delete an appointment/anniversary: ▶ Delete

Displaying/changing/deleting saved appointments

▶  ▶ ... use  to select  Organizer ▶ OK ▶  Calendar ▶ OK ▶ ... use  to select day ▶ OK ... the appointment list is displayed ▶ ... use  to select appointment ... possible options:

Display appointment details:

▶ **View** ... The appointment settings are displayed

Change appointment: ▶ **View** ▶ **Edit**


or ▶ **Options** ▶  **Edit entry** ▶ OK

Activate/deactivate appointment:

▶ **Options** ▶  **Activate/Deactivate** ▶ OK

Delete appointment: ▶ **Options** ▶  **Delete entry** ▶ OK

Delete all appointments for a day:

▶ **Options** ▶  **Delete all Appoints.** ▶ OK ▶ Yes

Alarm clock



Date and time have been set.

Activating/deactivating the alarm clock and setting the wake-up time

- ▶ ▶ ... use to select **Organizer** ▶ OK ▶ **Alarm Clock** ▶ OK ... then
 - ▶ **Switch on/off:** ▶ **Activation:** ... use to select **On** or **Off**
 - ▶ **Set the wake-up time:** ▶ **Time** ▶ ... use to enter hours and minutes
 - ▶ **Set days:** ▶ **Occurrence** ▶ ... use to switch between **Monday-Friday** and **Daily**
 - ▶ **Set the volume:** ▶ **Volume** ▶ ... use to set volume in 5 levels or select **crescendo** (increasing volume)
 - ▶ **Set alarm:** ▶ **Melody** ▶ ... use to select a ringtone for the alarm
 - ▶ **Save settings:** ▶ **Save**

When the alarm clock is activated, the icon and the wake-up time are displayed in idle display.

Alarm

An alarm is shown on the display and indicated by the selected ringtone melody. The alarm sounds for 60 seconds. If no key is pressed, the alarm is repeated after 5 minutes. After the second repetition, the alarm call is deactivated for 24 hours.



During a call, the alarm is only indicated by a short tone.

Switching off /repeating the alarm after an interval (snooze mode)

Deactivate the alarm: ▶ **OFF**

Repeat the alarm (snooze mode): ▶ Press **Snooze** or any key ... the alarm is switched off and repeated after 5 minutes.

Protection against unwanted calls

Time control for external calls



Date and time have been set.

Enter a time period during which the handset should suspend ringing to indicate external calls e.g. during the night.

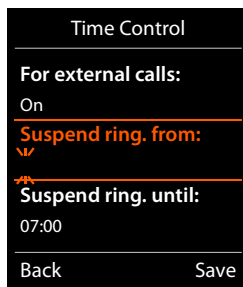
▶ ▶ ... use to select **Settings** ▶ OK ▶ **Audio Settings** ▶ OK ▶ **Ringtones (Handset)** ▶ OK ▶ **Time Control** ▶ OK ▶ ... then

Switch on/off: ▶ use to select **On** or **Off**

Enter time: ▶ use to switch between **Suspend ring. from** and **Suspend ring. until** ▶ ... use to enter start and end in 4-digit format

Save: ▶ **Save**

Example



The telephone will continue to ring for numbers that have been assigned to a VIP group in the directory.

Protection from anonymous callers

The handset will not ring if callers' numbers are not revealed. The call is only signalled on the display.

▶ ▶ ... use to select **Settings** ▶ OK ▶ **Audio Settings** ▶ OK ▶ **Ringtones (Handset)** ▶ OK ▶ **Anon. Calls Silent** ▶ **Edit** (= on)

Switch off ringtone when in charging cradle

The handset will not ring when placed in the charging cradle. The call is only indicated on the display.

▶ ▶ ... use to select **Settings** ▶ OK ▶ **Audio Settings** ▶ OK ▶ **Ringtones (Handset)** ▶ OK ▶ **Silent Charging** ▶ **Change** (= ringtone is switched off when in charging cradle)

Resource Directory

Sounds for ringtones and images that can be used as caller pictures (CLIP pictures) or as a screensaver are saved in the handset's resource directory. A range of monophonic and polyphonic sounds and pictures have been pre-set.

Media types:

Type	Format
Sound Ringtones Monophonic Polyphonic Imported sounds	Internal Internal Internal WMA, MP3, WAV
Picture CLIP-picture Screensaver	BMP, JPG, GIF 128 x 86 pixels 128 x 160 pixels

If insufficient memory is available, you must delete one or more pictures or sounds before others can be saved.

Manage pictures/sounds

▶ ▶ ... use to select **Additional Features** ▶ OK ▶ **Resource Directory** ▶ OK
... possible options:

View screensaver/CLIP-picture:

▶ **Screensavers / Caller Pictures** ▶ OK ▶ ... use to select picture ▶ **View ...**
the selected picture is displayed

Play sound:

▶ **Sounds** ▶ OK ▶ ... use to select sound ... the selected sound is played
Set volume: ▶ **Options** ▶ **Volume** ▶ OK ▶ ... use to select volume ▶ **Save**

Rename picture/sound:

▶ Select **Screensavers / Caller Pictures / Sounds** ▶ OK ▶ ... use to select
sound/picture ▶ **Options** ▶ **Rename** ▶ ... use to delete name, use to
enter new name ▶ **Save** ... the entry is saved with the new name

Delete picture/sound:






▶ Select **Screensavers / Caller Pictures / Sounds** ▶ OK ▶ ... use to select
sound/picture ▶ **Options** ▶ **Delete entry** ... the selected entry is deleted



The relevant options are not available if a picture/sound cannot be deleted.

Check memory

Display the available memory for screensavers and CLIP-pictures.

- ▶  ▶ ... use  to select  **Additional Features** ▶ **OK** ▶  **Resource Directory** ▶ **OK** ▶  **Capacity** ▶ **OK** ... the percentage of available memory is displayed

Bluetooth

The handset is able to use Bluetooth™ to communicate wirelessly with other devices that also use this technology e.g. for exchanging directory entries.



Bluetooth is activated and the devices have been registered to the handset.

The following device can be connected:

- A Bluetooth headset



The headset features the **Headset** or **Handsfree Profile**. If both profiles are available, the handsfree profile is used to communicate.

It may take 5 seconds to establish a connection, whether a call is accepted using the headset or transferred to the headset, or a call is made from the headset.

In order for telephone numbers to be used further, the area codes (country and local area code) must be saved to the telephone.

Operating Bluetooth devices → user guide of the device

Access to the Bluetooth menu depends on the base station:

▶ ▶ ... use to select **Bluetooth** ▶ OK

or

▶ ▶ ... use to select **Additional Features** ▶ OK ▶ **Bluetooth** ▶ OK

Activating/deactivating Bluetooth mode

▶ ▶ ... use to select **Bluetooth** ▶ OK ▶ **Activation** ▶

Change = activated)

If the local area code is still not saved: ▶ ... use to enter local area code ▶ OK (→ p. 46)

When in idle status, the activated Bluetooth mode is indicated on the handset by the icon.

Registering Bluetooth devices

The distance between the handset in Bluetooth mode and the active Bluetooth device (headset or data device) should not exceed 10 m.



The registration of a headset overwrites a previously registered headset.

If a headset is to be registered that is already registered with a different device, this connection must be deactivated before registering.

- ▶ ▶ ... use to select **Bluetooth** ▶ **OK** ▶ **Search for Headset / Search Data Device** ▶ **OK** ... the search starts (may take up to 30 seconds) ... the names of found devices are displayed ... possible options:
 - Register device: ▶ **Options** ▶ **Trust Device** ▶ **OK** ▶ ... use to enter the PIN of the Bluetooth device to be registered ▶ **OK** ... the device is added to the list of known devices
 - Display information about a device:
 - ▶ ... use to select a device, if applicable ▶ **View** ... the device name and device address are displayed
 - Repeat search: ▶ **Options** ▶ **Repeat Search** ▶ **OK**
 - Cancel search: ▶ **Cancel**

Editing the list of known (trusted) devices

Open the list

- ▶ ▶ ... use to select **Bluetooth** ▶ **OK** ▶ **Known Devices** ▶ **OK** ... the known devices are listed, an icon indicates the type of device
 - Bluetooth headset
 - Bluetooth data device

If a device is connected, the relevant icon is shown in the display header instead of .

Edit an entry



- ▶ ▶ ... use to select **Bluetooth** ▶ **OK** ▶ **Known Devices** ▶ **OK** ▶ ... use to select entry ... possible options:
 - View an entry: ▶ **View** ... the device name and device address are displayed ▶ To go back, press **OK**
 - De-register a Bluetooth device:
 - ▶ **Options** ▶ **Delete entry** ▶ **OK**
 - Edit name: ▶ **Options** ▶ **Edit Name** ▶ **OK** ▶ ... use to edit name ▶ **Save**



If an active Bluetooth device is de-registered, it may try to re-connect as a "non-registered device".

Rejecting/accepting a non-registered Bluetooth device

If a Bluetooth device that is not registered in the list of known devices tries to connect to the handset, a prompt will appear asking you to enter the PIN of the Bluetooth device (Bonding).






- Reject: ▶ **Briefly** press the End call key. 
- Accept: ▶ ... use  to enter the PIN of the Bluetooth device to be accepted ▶ **OK** ▶
... Wait for PIN confirmation ... then

Add the device to the list of known devices: ▶ **Yes**

Use the device temporarily: ▶ **No** ... the Bluetooth connection can be used, as long as the device is located within transmission range or until it is switched off

Changing the Bluetooth name of the handset

The handset is shown by this name on another Bluetooth device.

- ▶  ▶ ... use  to select  **Bluetooth** ▶ **OK** ▶  **Own Device** ▶ **OK** ... the name and the device address are shown ▶ **Change** ▶ ... use  to change the name ▶ **Save**

Additional functions using the PC interface



The **QuickSync** program has been installed on the computer.
Free to download at → www.auerswald.de/en/service

QuickSync functions:

- Sync the handset's directory with Outlook
 - Upload CLIP-pictures (.bmp) from the computer to the handset
 - Upload pictures (.bmp) as screensavers from the computer to the handset
 - Upload sounds (ringtone melodies) from the computer to the handset
 - Update firmware
- ▶ Connecting the handset to the computer via Bluetooth (→ p. 36) or via a USB data cable (→ p. 8).



Connect the handset **directly** to the PC, **not** via a USB hub.

Transferring data



Data transfer using Bluetooth:

- The computer has Bluetooth capability.
- A USB data cable is not plugged in. If a USB data cable is plugged in during an existing Bluetooth connection, the Bluetooth connection is interrupted.

- ▶ Launch the **QuickSync** program on the computer.



The message **Data transfer in progress** is shown on the display during data transfer between the handset and PC. During this time, it is not possible to enter any data using the keypad and incoming calls are ignored.

Carrying out a firmware update

- ▶ Connect the telephone and the PC using a **USB data cable** (→ p. 8) ▶ Launch **QuickSync** ▶ Establish connection to the handset
- ▶ Start firmware update in **QuickSync** ... Information about this can be found in the **QuickSync** help feature

The update process may take up to 10 minutes (not including download time).

The data are first downloaded from the online update server. The time required for this depends on Internet connection speed.

The display on your telephone is switched off and the Message key  and the Talk key  will flash.



Once the update is complete, your telephone will automatically restart.

Procedure in the event of an error

If the update procedure fails or the telephone no longer functions properly after the update, repeat the update procedure:

- ▶ End the **QuickSync** program on the PC ▶ Remove the USB data cable from the telephone ▶ Remove the battery (→ p. 6) ▶ Replace the battery
- ▶ Carry out the firmware update again as described above

If the update procedure fails more than once or it is no longer possible to connect to the PC, carry out the **Emergency Update**:

- ▶ End the **QuickSync** program on the PC ▶ Remove the USB data cable from the telephone ▶ Remove the battery (→ p. 6)
- ▶ Press and hold keys **4** and **6** at the same time with the forefinger and middle finger ▶ Replace the battery
- ▶ Release keys **4** and **6** ... the Message key  and the Talk key  will flash alternately
- ▶ Carry out the firmware update as described above



Always save pictures and sounds uploaded onto the handset on the PC, as they are deleted during an **Emergency Update**.

Setting the handset

Date and time

To ensure you have the correct time for incoming calls and to use the alarm clock and calendar, for example, the date and time must be set.



The date and time are taken from a time server on the Internet, provided that the phone is connected to the Internet and synchronisation with the time server is activated. Manual settings are overwritten in this case.

If the date and time have not yet been set on the handset, the display key **Time** appears.

- ▶ Press the display key **Time**

or

- ▶ ▶ ... use to select **Settings** ▶ OK ▶ **Date/Time** ▶ OK ... then
 - Set the date: ▶ **Date:** ... use to enter the day, month and year in 8-digit format
e.g. 1 4 0 1 2 0 1 9 for 14/01/2019
 - Set the time: ▶ **Time** ▶ ... use to enter hours and minutes in 4-digit format
e.g. 0 7 1 5 for 07:15
 - Save settings: ▶ **Save**

Changing the display language

You can change the display language, if the telephone has been set to an incomprehensible language.









- ▶ Press the centre of the control key .
- ▶ Press the keys and **slowly** and successively ... the language settings display appears, the set language (e. g. **English**) is highlighted (= selected).
- ▶ To select a different language: ▶ Press the control key until the desired language is highlighted on the display, e. g. **Francais** ▶ press the key on the right directly underneath the display to activate the language.
- ▶ To revert to idle status: ▶ Press and **hold** the End call key



Display and keypad

Screensaver

A digital or analogue clock, Info Services and a range of pictures can be selected to be displayed as a screensaver when in idle status.


- ▶  ▶ ... use  to select  **Settings** ▶ OK ▶  **Display & Keypad** ▶ OK ▶  **Screensaver** ▶ **Edit** (= on) ... then
- Switch on/off: ▶ **Activation:** ... use  to select **On** or **Off**
- Select screensaver: ▶  **Selection** ▶ ... use  to select a screensaver (**Digital Clock / Analog Clock / Info Services / <Pictures> / Slideshow**)
- View screensaver: ▶ **View**
- Save selection: ▶ **Save**

The screensaver is activated approx. 10 seconds after the display has changed to idle status.








All pictures from the **Screensaver** folder of the **Resource Directory** (→ p. 34) are available to select.

End screensaver

- ▶ **Briefly** press the End call key  ... the idle display appears








Large font

Show text and icons in call lists and in the directory in a larger size in order to improve legibility. Only one entry is shown in the display and names are abbreviated if necessary.

- ▶  ▶ ... use  to select  **Settings** ▶ OK ▶  **Display & Keypad** ▶ OK ▶  **Large Font** ▶ **Change** (= on)

Colour scheme






The display may appear in a range of colour combinations.

- ▶  ▶ ... use  to select  **Settings** ▶ OK ▶  **Display & Keypad** ▶ OK ▶  **Colour Schemes** ▶ OK ▶ ... use  to select the desired colour scheme ▶ **Select**  = selected)

Display backlight

The display backlight always illuminates when the handset is taken out of the base station/ charging cradle or when a key is pressed. Any **digit keys** that are pressed appear on the display for pre-dialling.



Switch the display backlight on/off when in idle status:

- ▶  ▶ ... use  to select  **Settings** ▶ OK ▶  **Display & Keypad** ▶ OK ▶  **Display Backlight** ▶ OK ... then

Backlight in the charging cradle:

- ▶ **In Charger:** ... use  to select **On** or **Off**

Backlight when not in the charging cradle:

- ▶  **Out of Charger** ▶ ... use  to select **On** or **Off**

Save selection:

- ▶ **Save**



The handset's standby time may be significantly reduced if the display backlight is activated.






Keypad illumination

You can set the brightness of keypad illumination in 5 increments.

- ▶  ▶ ... use  to select  **Settings** ▶ OK ▶  **Display & Keypad** ▶ OK ▶  **Key Illumination** ▶ OK ▶ ... use  to select **Brightness** (1 - 5) ▶ **Save**

Activating/deactivating automatic keypad lock

Automatically lock the keypad when the handset has been in idle status for around 15 seconds.

- ▶  ▶ ... use  to select  **Settings** ▶ OK ▶  **Display & Keypad** ▶ OK ▶  **Auto Keypadlock** ▶ **Change** (= on)

Keypad lock with PIN protection: ▶ Set the handset PIN (→ p. 49)








If a call is indicated on the handset, the keypad automatically unlocks and you can accept the call. It then locks again when the call is finished.




It is not possible to call emergency numbers either when keypad lock is activated.

Activating/deactivating Auto Answer

When set to Auto Answer, the handset accepts an incoming call as soon as it is removed from the charging cradle.



- ▶  ▶ ... use  to select  **Settings** ▶ OK ▶  **Telephony** ▶ OK ▶ **Auto Answer** ▶ **Change**  = on)


Regardless of the **Auto Answer** setting, the connection ends as soon as you place the handset back in the charging cradle. Exception: Press and hold the handsfree key  for a further 2 seconds while placing the handset in the charging cradle.

Changing the earpiece and speaker volume





You can set the volume of the earpiece and speaker at 5 levels independently of each other.

During a conversation

- ▶  **Handset Volume** ▶ ... use  to select volume ▶ **Save** ... the setting is saved

 The setting is automatically saved after around 3 seconds without saving.


In idle status

- ▶  ▶ ... use  to select  **Settings** ▶ OK ▶  **Audio Settings** ▶ OK ▶ **Handset Volume** ▶ OK ... then

For the earpiece: ▶ **Earpiece:** ... use  to set the volume









For the speaker: ▶  **Speaker** ▶ ... use  to set the volume

Save settings: ▶ **Save**

 Changes are only saved permanently in **Profile Personal**.

Earpiece and handsfree profile

Select a profile for the **earpiece** and **handsfree mode** in order to adapt the telephone as much as possible to the surroundings. Check which is the most comfortable profile for you and your caller.








- ▶  ▶ ... use  to select  **Settings** ▶ OK ▶  **Audio Settings** ▶ OK ▶  **Acoustic Profiles** ▶  **Earpiece Profiles / Handsfree Profiles** ▶ OK ▶ ... use  to select profile ▶ **Select**  = selected)

Earpiece Profiles: High or Low (default setting)

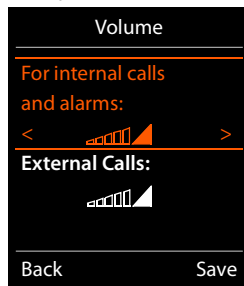
Handsfree Profiles: Profile 1 (default setting) ... **Profile 4**

Ringtones

Ringtone volume

- ▶  ▶ ... use  to select  **Settings** ▶ OK ▶  **Audio** **Settings** ▶ OK ▶  **Ringtones (Handset)** ▶ OK ▶ **Volume** ▶ OK ▶ ... use  to select **For internal calls and alarms** or **External Calls** ▶ ... use  to set volume in 5 levels or in crescendo mode (increasing volume) ▶ **Save**







Example



Changes are only saved permanently in **Profile Personal** (→ p. 29).

Ringtone melody

Set a variety of distinctive ringtones for different calls (e.g. internal and external calls) for every available receive connection of the telephone (**Landline, IP1**) or set the same ringtone for **All calls**.



- ▶  ▶ ... use  to select  **Settings** ▶ OK ▶  **Audio Settings** ▶ OK ▶  **Ringtones (Handset)** ▶ OK ▶  **Melodies** ▶ OK ▶ ... use  to select the connection ▶ ... use  to select the ringtone/melody in each case ▶ **Save**




From version 2.36 of the base station, further call type-specific ringtones can be set for group, door and alarm calls. For this purpose, the handset must be successfully registered with the base station again.

Activating/deactivating the ringtone


Deactivating the ringtone permanently

- ▶ Use the  key to set **Profile Silent** (→ p. 29) ... the following icon appears in the status bar 

Activating the ringtone permanently


- ▶ Use the  key to set **Profile Loud** or **Profile Personal** (→ p. 29)

Deactivating the ringtone for the current call

- ▶ **Silence** or press the End call key 

Switching the alert tone (beep) on/off

Switch on an alert tone (beep) instead of the ringtone:







- ▶ ... Press the Profile key  to select **Profile Silent** ▶ press **Beep** within 3 seconds ... the following icon appears in the status bar 

Activating/deactivating advisory tones

Switching off the alert tone: ▶ ... Press the Profile key  to change profile

Switching the silent alert on/off

Incoming calls and other messages are indicated by a silent alert.






- ▶  ▶ ... use  to select  **Settings** ▶ OK ▶  **Audio Settings** ▶ OK ▶  **Silent Alert** ▶ Change ( = on)



This setting applies in **Profile Silent**. Changes are only saved permanently in **Profile Personal** (→ p. 29).

Activating/deactivating advisory tones



The handset notifies acoustically about different activities and statuses. These advisory tones can be activated/deactivated independently of each other.

- ▶  ▶ ... use  to select  **Settings** ▶ OK ▶  **Audio Settings** ▶ OK ▶  **Advisory Tones** ▶ OK ... then



Tone when keys are pressed:

- ▶ **Key Tones:** ... use  to select **On** or **Off**



Confirmation/error tone after making entries, advisory tone when a new message has been received:

- ▶  **Confirmation** ▶ ... use  to select **On** or **Off**

Warning tone when there are fewer than 10 minutes of talktime left (every 60 seconds):

- ▶  **Battery** ▶ ... use  to select **On** or **Off**

Warning tone when the handset is moved out of range of the base station:

- ▶  **Out of Range:** ... use  to select **On** or **Off**

Save settings:

- ▶ **Save**








There is no battery warning when the room monitor is activated.

Changes are only saved permanently in **Profile Personal** (→ p. 29).

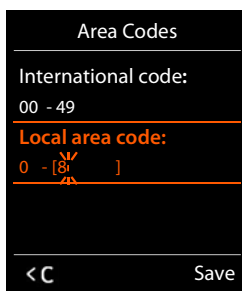
Own area code

Your area code (international and local area code) must be saved on the phone before you can transfer phone numbers (e.g. in vCards).

Some of these numbers are already preset.

- ▶  ▶ ... use  to select  **Settings** ▶ OK ▶  **Telephony** ▶ OK ▶  **Area Codes** ▶ OK ▶ Check the (pre)set area code

Example



Fast access to numbers and functions

Number keys: It is possible to assign a **number from the directory** to the keys  to .

Display keys: The left and right display keys have a **function** preset by default, but the keys can be re-assigned.

You can then dial the number or start the function by simply pressing a key.

Assigning a number to digit keys (quick dial)





A number has not yet been assigned to the number key.

▶ Press and **hold** the digit key

or

▶ **Briefly** press the digit key ▶ Press the display key **Quick Dial**

The directory opens.

▶ ... use  to select an entry ▶ **OK** ▶ ... use  to select a number if necessary ▶ **OK** ... the entry is saved to the digit key



If you delete or edit the entry in the directory at a later date, this will not affect the assignment to the number key.

Dialling a number



A number has been assigned to the number key.

▶ Press and **hold** the digit key ... the number is dialled immediately

or

▶ **Briefly** press the digit key ... the number/name (possibly in abbreviated form) is shown on the left display key ▶ ... press the display key ... the number is dialled

Changing the digit key assignment

▶ **Briefly** press the digit key ▶ **Change** ... the directory is opened ... possible options:

Change the assignment:

▶ ... use  to select an entry ▶ **OK** ▶ ... select a number if needed ▶ **OK**

Delete the assignment:

▶ **Clear Key**

Assigning display keys, changing assignments



The available options depend on the base station. If the phone is registered to a PBX, the display keys can also be assigned via the PBX if required.

- ▶ Press and **hold** the left or right display key in idle status ... the list of possible key assignments is opened ▶ ... use to select function ▶ **OK** ... possible options:

INT	Open online directory (→ p. 25)
Quick Dial	Assign a number from the directory to the display key (→ p. 47)
Timer	
Alarm Clock	Set and activate/deactivate the alarm clock (→ p. 32)
Calendar	Open calendar (→ p. 30)
One Touch Call	Set up one touch call (→ p. 14)
Bluetooth	Open Bluetooth menu (→ p. 36)
Redial	Show redial list (→ p. 13)
eMail	Not available
Handset Directory	Open directory (→ p. 22)
More Functions...	▶ OK ▶ ... use to select other function

Starting a function

With the telephone in idle status: ▶ **Briefly** press the display key ... the assigned function is executed

Additional settings/functions

Registering a handset

A handset can be registered to up to four base stations. The registration process depends on the base station.



Registration must be initiated on the base station **and** on the handset. Both must be carried out **within the time set in the base station**.





On the handset

- ▶ ▶ ... use to select **Settings** ▶ **OK** ▶ **Registration** ▶ **OK** ▶ **Register Handset** ▶ **OK** ▶ ... use to select base station (if the handset is already registered to four base stations) ▶ **OK** ... an available base station is sought ▶ ... enter system-PIN (default setting: **0000**) ▶ **OK**



Once registration is complete, the handset returns to idle status. The handset name is shown in the display. If not, repeat the process.

Registering a handset to multiple base stations

Your handset can be registered to up to four base stations. The active base station is the base station to which the handset was last registered. The other base stations remain saved in the list of available base stations.



- ▶  ▶ ... use  to select  **Settings** ▶ OK ▶  **Registration** ▶ OK ▶ **Select Base** ▶ OK ... possible options:

Change active base station:

- ▶ ... use  to select base station or **Best Base** ▶ **Select**
 = select)

Best Base: The handset chooses the base station with the best reception as soon as it loses connection to the current base station.

Change name of a base station:

- ▶ ... use  to select a base station ▶ **Select**  = selected) ▶ **Name** ▶ change name ▶ **Save**

De-registering the handset








The handset must be deleted in the PBX (→ Instruction of the PBX). After provisioning of the base, the handset is deleted in the base.

If the handset is still registered to other base stations, it switches to the base station with the best reception (**Best Base**).

Changing the handset PIN






The handset is protected against unauthorised use by a PIN (default setting: 0000). The handset PIN must be entered e.g. when deactivating the keypad lock or when entering Bluetooth connections.

Change the telephone's 4-digit PIN (default setting: 0000):

- ▶  ▶ ... use  to select  **Settings** ▶ OK ▶  **System** ▶ OK ▶  **Handset PIN** ▶ OK ▶ ... use  to enter the current handset PIN ▶ OK ▶ ... use  to enter new handset PIN ▶ OK

Resetting the handset to the default settings

Reset any individual settings and changes that you have made.

- ▶  ▶ ... use  to select  **Settings** ▶ OK ▶  **System** ▶ OK ▶  **Handset Reset** ▶ OK ▶ **Yes** ... the handset's settings are reset

The following settings are **not** affected by a reset

- Registration of the handset to the base station
- Date and time
- Directory entries and call lists


Service (Customer Care)

Do you have any questions? Find prompt access to support in the internet (Auerswald: www.auerswald.de/Fontevo: www.fontevo.com). The phone retailer from whom you purchased your telephone system will be happy to assist with any further questions regarding your PBX.

Questions and answers

Troubleshooting

The display is blank.

- The handset is not activated. ▶  Press and **hold**
- The battery is empty. ▶ Charge the battery or replace it

"No Base" flashes on the display.

- The handset is outside the range of the base station. ▶ Move the handset closer to the base station
- The base station is not activated. ▶ Check the base station power adapter

"Please register handset" flashes on the display.

- The handset has not yet been registered. ▶ Register the handset

Your settings are not accepted.

- The wrong profile has been set. ▶ Set **Profile Personal** . . . then make changes to the device settings (→ p. 44).

The handset does not ring.

- The ringtone is deactivated. ▶ Activate ringtone (→ p. 45)
- Call forwarding is set. ▶ Deactivate call forwarding (→ p. 19)
- The phone does not ring if the caller has withheld his number.
 - ▶ Activate the ringtone for anonymous calls (→ p. 33).
- The phone does not ring during a specific period or for certain numbers.
 - ▶ Check the time control for external calls (→ p. 33)

No ringtone/dial tone from the fixed line network.

- Incorrect phone cable. ▶ Please always use the phone cable supplied or ensure that the pin connections are correct when purchasing from a retailer.

Error tone sounds after system PIN prompt.

- You have entered the wrong system PIN. ▶ Check the system PIN in the base configuration, if required

Forgotten system PIN.

- ▶ Reset the system PIN to 0000

The other party cannot hear you.

- The handset is "muted". ▶ Activate the microphone again (→ p. 16)

Some of the network services do not work as specified.

- Features are not enabled. ▶ Contact the network provider for details.

The caller's number is not displayed.

- **Calling Line Identification (CLI)** is not enabled for the caller. ▶ The caller should ask the network provider to enable Calling Line Identification (CLI).
- **Calling Line Identification Presentation (CLIP)** is not supported or enabled by the network provider. ▶ Ask the network provider to enable Caller Line Identification Presentation (CLIP).
- The telephone is connected via a PBX or a router with an integrated PBX (gateway) that does not transmit all information.
 - ▶ Reset the system: Briefly pull out the power plug. Reinsert the plug and wait until the device restarts.
 - ▶ Check the settings on the PBX and activate phone number display, if necessary. To do this, search for terms such as CLIP, calling line identification, telephone number identification, caller ID, ... in the system user guide or ask the system manufacturer.

You hear an error tone when keying in (descending tone sequence).

- Action has failed/invalid input. ▶ Repeat the process. Read the display and refer to the user guide if necessary.

No time is specified for a message in the call list.

- Date/time are not set. ▶ Set the date/time.

Registration or connection problems with a Bluetooth headset.

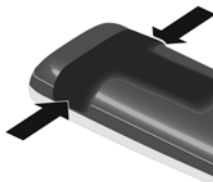
- ▶ Reset the Bluetooth headset (see headset user guide).
- ▶ Delete the registration data on the handset by de-registering the device (→ p. 37).
- ▶ Repeat the registration procedure (→ p. 37).

Appendix

Attaching the belt clip

The handset has notches on each side for attaching the belt clip.

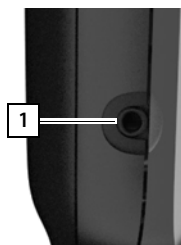
- Attaching the belt clip: ▶ Press the belt clip onto the back of the handset so that the tabs on the belt clip click into place in the notches.
- Removing the belt clip: ▶ Press the centre of the belt clip firmly with your right thumb. ▶ Push the nail of your left thumb up between the clip and the casing. ▶ Slide the clip upwards to remove.



Connecting the headset

- ▶ Connect the headset with 2.5 mm jack to the left side of the handset **1**.

The headset volume corresponds with the setting for the receiver volume (→ p. 44).



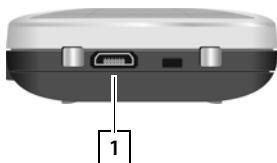
Connecting the USB data cable

For data exchange between the handset and PC:

- ▶ Connect the USB data cable with micro-USB plug into the USB socket at the bottom of the handset **1**.



Connect the handset **directly** to the PC, **not** via a USB hub.



Contact with liquid

If the device comes into contact with liquid:

- 1 **Disconnect the power supply.**
- 2 **Remove the batteries and leave the battery compartment open.**
- 3 Allow the liquid to drain from the device.
- 4 Pat all parts dry.
- 5 Place the device in a dry, warm place **for at least 72 hours (not in a microwave, oven etc.)** with the battery compartment open and the keypad facing down (if applicable).
- 6 **Do not switch on the device again until it is completely dry.**

When it has fully dried out, you will normally be able to use it again.

Character charts

Standard characters

Press the relevant key the number of times indicated.

	1x	2x	3x	4x	5x	6x	7x	8x	9x	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	ï	4	ï	í	ì	î		
5	j	k	l	5						
6	m	n	o	6	ö	ñ	ó	ò	ô	õ
7	p	q	r	s	7	ß				
8	t	u	v	8	ü	ú	ù	û		
9	w	x	y	z	9	ÿ	ý	æ	ø	å
0		.	,	?	!		0			

1) Space

2) Line break

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