

# Gigaset

## R700 H PRO US

N870 IP PRO DECT Multicell System

Up-to-date information on your product: → [wiki.gigaset.com](http://wiki.gigaset.com)

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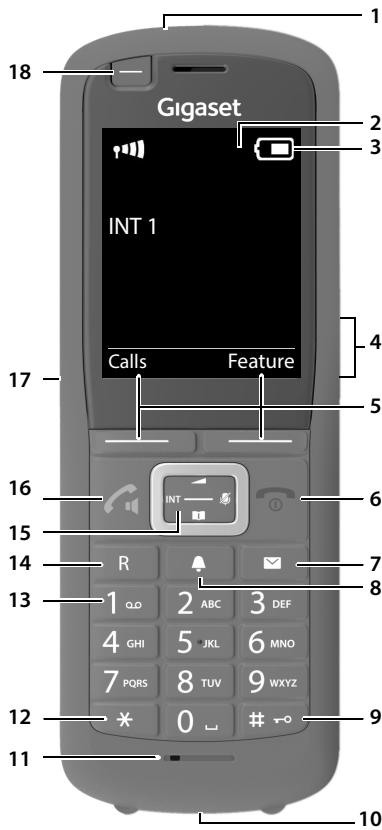


Not all of the functions described in the user guide are available in all countries.

## Overview

## Overview

## Handset



- 1 Torch (spot LED) / Visual call signal
- 2 Display
- 3 Status bar (p. 71)  
Icons display current settings and operating status of the phone
- 4 Volume keys (p. 15)  
for receiver/headset, ringtone, handsfree mode and appointment reminders
- 5 Display keys (p. 16)  
Various functions, depending on the operating situation

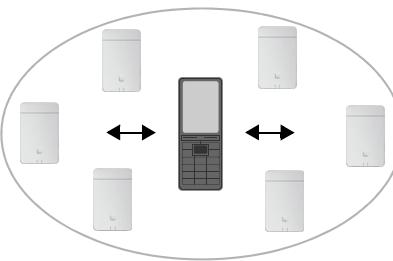
- 6 End call key / On/off key  
End call; cancel function  
Go back one menu level  
Return to idle status  
Switch the handset on/off (in idle status)
- 7 Message key (p. 27)  
Access to the calls and message lists;  
**Flashes:** new message or new call
- 8 Profile key  
Switch between sound profiles
- 9 Hash key  
Lock/unlock the keypad (in idle status)  
Toggle between upper/lower case and digits (when inputting text)
- 10 USB connection socket  
For data exchange between the handset and PC
- 11 Microphone
- 12 Star key  
Open special characters table (when inputting text)
- 13 Key 1  
Select network mailbox
- 14 Recall key  
Consultation call (flash)  
Insert a dialling pause
- 15 Control key / Menu key (p. 14)  
Open a menu; navigate in menus and entry fields; access functions (depending on the situation)
- 16 Talk key / Handsfree key  
Accept call; dial number displayed; switch between receiver and handsfree mode  
Open the redial list  
Start dialling
- 17 Headset connection (3.5 mm jack)
- 18 Functions key (p. 15)

## Base

Your handset is registered with a N870 IP PRO Multicell System, that can comprise many base stations. When you move around with your handset within range of the multi-cell system, the handset automatically connects to the base station having the best connection (roaming). You can also move around freely during a call without the connection being interrupted (handover).

Information on starting and administration of base stations, and on registering a handset with a multi-cell system:

- User guide "N870 IP PRO - Installation, configuration and operation"



## Illustration in the user guide

## 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.

## 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

► ► ► ► ► Change (  = activated)

Symbols	Meaning
►	Every arrow initiates an action.
►	When in idle status press the <b>centre</b> of the control key. The main menu opens.
►	Navigate to the  icon using the control key . Select <b>OK</b> to confirm. The submenu <b>Settings</b> opens.
►	Select the <b>Telephony</b> entry using the control key . Select <b>OK</b> to confirm. The submenu <b>Telephony</b> opens.
► <b>Auto Answer</b>	The function to switch Auto answer on/off appears as the first menu item.
► <b>Change</b>	Select <b>Change</b> to activate or deactivate. Function is activated <input checked="" type="checkbox"/> /deactivated <input type="checkbox"/> .

## Safety precautions



Read the safety precautions and the user guide before use.

Comprehensive user guides for all telephones and telephone systems as well as for accessories can be found online at [gigaset.com/pro](http://gigaset.com/pro) in the Support category. We thereby help to save paper while providing fast access to the complete up-to-date documentation at any time.



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!



Use only **rechargeable batteries** that correspond to the **specification** (see list of permitted batteries → [www.gigaset.com/service](http://www.gigaset.com/service)). Never use a conventional (non-rechargeable) battery or other battery types as this could result in significant health risks and personal injury. Rechargeable batteries, which are noticeably damaged, must be replaced.



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

Ensure that the batteries can not be short-circuited by objects in the battery compartment



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



The devices 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.



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.

## Safety precautions



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 (for the specifications of your Gigaset product see "Technical data").



If a USB adapter cable is included, only use a USB power supply (5Volt) with USB-A connection. The use of other voltage sources e.g. PC's with USB connection can cause damage.

If a plug-in power supply is included, please use this power supply.

# Getting started

## Contents of the package

- One handset
- One battery cover (rear cover for the handset)
- Two batteries
- One charging cradle incl. power adapter
- One belt clip
- One rubber cover for the headset socket
- One rubber cover for the USB connection
- One user guide



The charging cradle is designed for use in closed, dry rooms within a temperature range of +5°C to +45°C.

Never expose the telephone to heat sources, direct sunlight or other electrical devices.

Protect your telephone from moisture, dust, corrosive liquids and vapours.

The device's feet do not usually leave any marks on surfaces. However, due to the multitude of different varnishes and polishes used on furniture, contact marks on the surfaces cannot be completely ruled out.

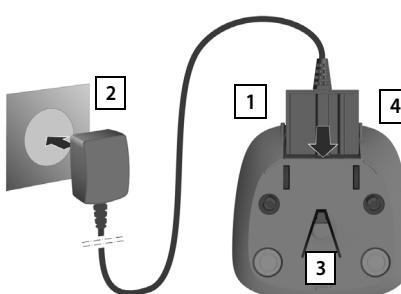
## Handset

### Connecting the charging cradle

- ▶ Connect the flat plug of the power adapter **[1]**.
- ▶ Plug the power adapter into the power socket **[2]**.

To remove the plug from the charging cradle again:

- ▶ Disconnect the power adapter from the mains power supply.
- ▶ Press the release button **[3]**.
- ▶ Pull out the plug **[4]**.



## Handset

**Setting up the handset for use**

The display is protected by a plastic film. ▶ Please remove the protective film!

**Inserting the batteries**

Only use rechargeable batteries, as this could otherwise result in significant health risks and personal injury. For example, the outer casing of the batteries could be destroyed or the batteries could explode. The device could also malfunction or be damaged as a result of using batteries that are not of the recommended type.



- ▶ Insert the batteries (for correct +/- direction, see diagram).
- ▶ Line up the battery cover at the recesses with the inside of the casing [3].
- ▶ Press the cover until it clicks into place.
- ▶ To re-open the battery cover:
  - ▶ Remove the belt clip (if attached).
  - ▶ Use your fingernail to reach into the recess and pull the battery cover up [1].

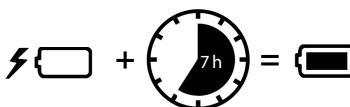
**Covering the headset socket**

- ▶ Plug the lug of the rubber cover for the handset socket into the opening on the left of the handset.
- ▶ Press down the cap of the rubber cover.

**Charging the batteries**

- ▶ Charge the batteries fully prior to first use in the charging cradle or using a standard USB mains adapter.

The batteries are fully charged when the power icon  disappears from the display.





The battery may heat up during charging. This is not dangerous.

After a time, the charge capacity of the battery will decrease for technical reasons.

Switch the handset off if you are not using it for a couple of days.

If you are not using the handset for a couple of weeks, switch it off and remove the batteries.

As soon as power is applied to the handset, a Setup wizard starts.

## Setting the display language

- ▶ Press the control key until the language required is selected on the display, e.g. **American English** ▶ press the display key **OK**

You can also change the display language later on in the **Settings** menu.

American English
Español latinoam.
Français canad.

## Registering a handset

Register the handset with the Gigaset N870 IP PRO.



Registration must be initiated **both** on the Gigaset N870 IP PRO **and** on the handset. For this, the handset must be within range of the Gigaset N870 IP PRO.

### On the Gigaset N870 IP PRO

- ▶ Start the registration process

Information for this:

→ User guide "N870 IP PRO - Installation, configuration and operation"

or: Contact the administrator of the DECT network.

### On the handset

You require the 4-digit system PIN (registration code) generated on the Gigaset N870 IP PRO.

If the handset is not yet registered with a base:

- ▶ **Register** ... A search is performed for a base ready for registration ▶ enter the system PIN ▶ **OK**

If the handset is already registered with a base:

- ▶ ▶ **Settings** ▶ **OK** ▶ **Registration** ▶ **OK** ▶ **Register Handset** ▶ **OK** ...  
A search is performed for a base ready for registration ▶ enter the system PIN ▶ **OK**

Once registration is complete, the handset returns to idle mode. Shown on the idle display is the name set on the Gigaset N870 IP PRO for the handset (user name or display name). If it is not, repeat the procedure.

## Handset

Your phone is now ready for use.



The handset can be registered with up to four base stations. Changing the base:

- ▶ select the base

Some Gigaset bases and bases/routers from third party manufacturers might not be fully compatible with the handset and not all functions are displayed correctly. In such cases, use menu option **Basic Registration**. This guarantees correct displays on the handset, but can entail restrictions for some functions.

## 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.

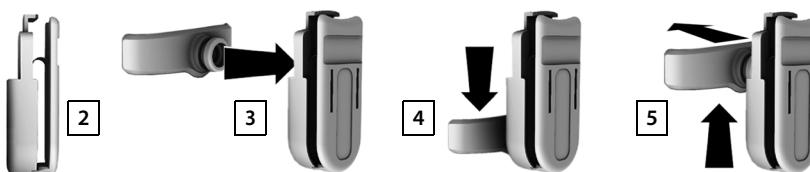


### Professional belt clip (accessory)

Attaching the belt clip:

Press the holder on the back of the handset so that the tabs click into place in the notches **[1]**.

- ▶ Secure the belt clip on the belt **[2]**.
- ▶ Hook in the handset with holder into the belt clip **[3]** and push it down **[4]**.



Removing the belt clip:

- ▶ Push the handset up and unhook it from the belt clip **[5]**

## Connecting the headset

- ▶ Remove the cover from the headset socket.
- ▶ Connect the headset with 3.5 mm jack to the left side of the handset **[1]**.

or

- ▶ Connect headset via Bluetooth (→ p. 47)

Setting the headset volume: → p. 54



## 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.



If you do **not** connect a USB cable, insert the rubber cover (provided) to guarantee protection from splash water.

- ▶ Insert the lug of the rubber cover on the left of the opening **[2]**.
- ▶ Press down the cap of the rubber cover **[3]**.



## Using the telephone

### Getting to know your telephone

#### Switching the handset on/off

Switch on: ▶ Press and **hold** the End call key  on the handset when switched off

Switch off: ▶ When the telephone 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.

Lock/unlock the keypad: ▶  Press and **hold**

Keypad lock activated: the symbol  appears in the display.

 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.

Define emergency numbers that can be dialled even when the keypad lock is PIN-protected:

→ p. 57

#### 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".

##### When the phone is idle

Open the main menu



or



Press **briefly**

Open the list of available online directories (such as the central directory, the directory of a provider or a company directory)



Press **briefly**

Open the local directory:



Press **briefly**

Open the company directory

This function must be enabled on the Gigaset N870 IP PRO.



Press **briefly**

Set the voice volume for receiver / handsfree function



Press **briefly**

Set the microphone sensitivity

**In submenus, selection and entry fields**

Confirm a function



Navigate a line up/down

Select an option, move the cursor to the left/right

**During a call**

Open the list of available online directories (such as the central directory, the directory of a provider or a company directory)

Press **briefly**

Open the local directory:

Press **and hold**

Open company directory (if enabled)

Press **briefly**

Mute the microphone

Press **and hold**

Set the microphone sensitivity

Press **briefly**

Change the voice volume for receiver / handsfree function

Press **and hold**

 The assignment of directories to the key  (press **briefly** or **for longer**) can be changed on the Gigaset N870 IP PRO.

**Volume keys**Set volume for **receiver/headset, ringtone, handsfree mode** and indicating **appointments**: ▶Press the volume keys  /  on the right side of the handset**Functions key**

The Function key can be assigned a function of your choice (**Send key / QuickDial / LED torch / Alarm key / System function** and other base-dependent functions).

When the phone is idle or when the screensaver is enabled

▶ Press the key ... The function assigned is performed

**QuickDial**

Dial the phone number assigned to the button.

**LED torch**

Turn on/off the torch.

**Alarm key**

Trigger an action, such as sounding of alarm, flashing of the LEDs, calling of a particular number.

Shorter and longer pressing of the alarm button can cause different actions to be triggered.

## Getting to know your telephone

The function can be used with an alarm system. For this, the base establishes a connection to the alarm server. The connection details must be entered in the configuration of the base. What is triggered by pressing the alarm button depends on the configuration on the alarm server. The alarm system can also trigger actions on the handset, such as sound an alarm and show symbols and text on the display.

For information about the alarm system (AML): [wiki.gigaset.com](http://wiki.gigaset.com)

**Send key** Dial a phone number entered previously from the keypad or selected in a call list or the directory (open redial list).

**System function** Activate a function configured on the base.

Assign Functions key [→ p. 37](#)

## Display keys

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



▶ Press the Display key ... The function assigned is performed

Display key icons [→ p. 71](#)



The display keys have a function preset by default in idle status.

Changing the assignment: [→ p. 58](#)

## LED Torch

Use the phone as a torch. The spot LED is located on the top of the handset.

### Activating the torch function

▶ Press the display key LED torch.

or

▶ Additional Features ▶ OK ▶ LED Torch ▶ OK

### Deactivating the torch function

▶ Press the display key Off

or: after 2 minutes the function is automatically deactivated.

## Menu guidance

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

Menu overview → p. 73

### Select/confirm functions

Confirm selection using

OK or press the centre of the control key 

One menu level back using

Back

 Press and hold

Change to idle display using

Change on  / off

Switch function on/off using

Select

activated  / not activated 

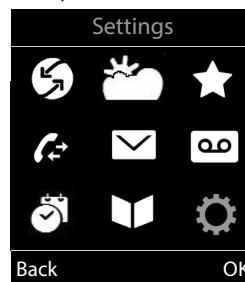
### Main menu

In idle status: ► Press the **centre** of the control key  ►

 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.

Example



## Getting to know your telephone

### Submenus

The functions in the submenus are displayed as lists.

To access a function: ►  select a function ► **OK**

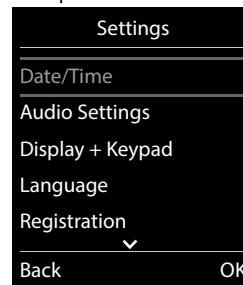
Return to the previous menu level:

► Press the display key **Back**

or

► Briefly press the End call key 

### Example



### Returning to idle status

► Press and hold the End call key 



If no key is pressed, the display will automatically change to idle status after around 2 minutes.

## 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 **2** and **9** and the **0** key. 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/digits: ► 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  ►  navigate to the desired character ► **Insert**



The availability of special characters depends on the language setting.

## Making calls

The base stations of the Gigaset N870 IP PRO together form the DECT wireless network of the phone system. You can initiate or answer calls on a handset across the whole wireless network and change base station during a call (handover).



The handset is located in the wireless cell of at least one of the base stations registered with the phone system.

The handset is assigned a send and receive connection.

If the Gigaset N870 IP PRO is connected to a phone system that permits groups to be formed, phone connections can also be assigned to groups. In such cases, you also receive calls on your handset that are sent to your group number.

The Gigaset N870 IP PRO uses for telephony a VoIP phone system or the services of a VoIP provider. The availability of some phone functions depends on whether they are supported by the phone system / provider and whether they have been enabled. Contact the operator of your phone system for a description of the features.



Depending on the specifications of your phone system, you may need to dial an area code for calls outside the region covered by your VoIP phone system.

When you use the fixed line network for calls, you might need (depending on provider / phone system) to dial the area code even for local calls. This is not necessary when the area code is entered in the phone configuration.

## Making calls

► Enter the number ► Press **briefly** the Talk key

or

► Press and **hold** the Talk key ► enter the number

The connection is established over the SIP link assigned to the handset.

Cancel dialling: ► Press the End call key



If the display backlight is deactivated, you can reactivate it by pressing any key. **Digit keys** that are pressed appear in the display for pre-dialling, **other keys** have no further function.

## 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 ► select the entry ► Press the Talk key

If a name is displayed:

► **View** ... The number is displayed ► Use as required to scroll through the numbers ► At the phone number required, press the Talk key

## Making calls

### Managing entries in the redial list

- ▶ Briefly press the Talk key ... The redial list is opened ▶ select an entry ▶ **Options** ... Possible options:

Copy entry to directory:

- ▶ **Copy to Directory** ▶ **OK**

Copy the number to the display:

- ▶ **Display Number** ▶ **OK** ▶ Use as required to change or add ... save in the directory as a new entry

Delete the selected entry:

- ▶ **Delete Entry** ▶ **OK**

Delete all entries:

- ▶ **Delete List** ▶ **OK**

Set automatic redial: ▶ **Automatic Redial** ▶ **OK** ... The selected number is automatically dialled at fixed intervals (at least every 20 seconds). The handsfree key flashes, "open listening" is activated.

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

The subscriber 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 a call list

The call lists (→ p. 26) contain the most recent accepted, outgoing and missed calls.

- ▶ ▶ **Call Lists** ▶ **OK** ▶ select the list ▶ **OK** ▶ select an entry ▶ press the Talk key

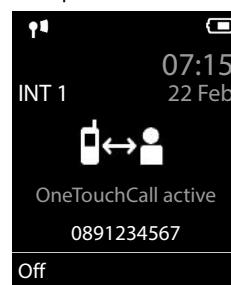
The call lists can be displayed directly by pressing the display key **Calls** if the relevant function has been assigned to the display key.

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. This allows children, who are unable to enter a number, to call a certain number for example.

Example



Enabling one touch call mode:

- ▶ ▶ **Additional Features** ▶ **OK** ▶ **One Touch Call** ▶ **OK** ▶ **enable Activation** ▶ **Call to** ▶ enter a number ▶ **Save** ... when the phone is in idle, the enabled one touch calling is displayed

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 key

## Initiating ringback

If the line of a called subscriber is busy, you can arrange for a ringback (if the phone system or provider supports the CCBS and CCNR services).

CCBS (Completion of Call to busy subscriber) Ringback when busy

CCNR (Completion of Calls on No Reply) Ringback when call is not answered

The service code for enabling/disabling CCBS and CCNR must be configured in the provider settings.

Enabling ringback:

► Enter the service code specified for the phone system / provider, e.g. **\* 6**

If you do not want a ringback, you can disable the function.

► Enter the service code specified for the phone system / provider, e.g. **# 6**

## Incoming calls

An incoming call for the connection assigned to your handset is indicated by ringing, by a display on the screen and by the flashing Talk / Handsfree key .

The signal light (LED) at the top of the handset also flashes (if enabled).

Accept the call: ► Press the Talk key  or ► Accept

If Auto Answer is enabled:

► Remove the handset from the charging cradle

Disable ringtone: ► Silence ... You can accept the call as long as it is displayed on the screen

Reject the call: ► Press the End call key 

## Hyphenation

For better readability longer numbers are separated by hyphens:

- 7 digits length: XXX-XXXX
- 10 digits length: XXX-XXX-XXXX
- 13 digits length: XXX-XXX-XXX-XXXX

## Information about the caller

If it is sent, the number of the caller is displayed. If the caller's number is saved in a directory, the name is displayed.

## Using the Call Manager of the phone system

If a Call Manager is used on the phone system, it is possible to define that incoming calls are accepted directly by headset or handsfree function. This must be configured for the handset on the Gigaset N870 IP PRO.

## Making calls

### Group accept

Accept incoming calls for a group of subscribers.

Group accept must be enabled, and the phone number or SIP URI of the group must be entered. This must be configured for the handset on the Gigaset N870 IP PRO.

### Accepting/rejecting a waiting call during a call

During an external call, the call waiting tone signals that another party is trying to call you. The number or name of the caller is displayed if the phone number is sent.

Reject the call: ► Options ►  Reject Waiting Call ► OK

Accept the call: ► Accept ► Speak to the new caller. The first call is placed on hold.

End the call, resume the call on hold:

► Press the End call key .

## Calls with three parties

### Consultation calls

During an external phone call, hold another external call. The first call is placed on hold.

► Ext. Call ►  enter the number of the second party ... The active call is put on hold and the second party is called.

If the second party 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  ... The first party is called again.

### Call swapping

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

► During an external call, dial the number of a second party (consultation call) or accept a waiting caller ... The display shows the numbers/names of both parties.

► The control key  enables you to switch between the parties.

### Ending a currently active call

► Options ►  End Active Call ► OK ... The connection to the other caller is reactivated.

or

► Press the End call key  ... The first party is called again.

## Conference call

You can speak to two people simultaneously.

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

Start the conference call:

- ▶ **Conf.** ... All the callers can hear each other and hold a call with each other.

Switching back to call swapping:

- ▶ **End Conf.** ... You are reconnected to the party with whom the conference call was initiated.

End call with both participants:

- ▶ Press the End call key 

Each party can end their participation in the conference call by pressing the End call key  or hanging up.

## Transferring a call to another party

Transfer a call to another party (connect).

- ▶ Use the Display key **Ext. Call** to start an external consultation call ▶  enter the number of the second party ... The active call is put on hold ... The second party is called ▶ Press the End call key  (during the call or before the second party has answered) ... The call is forwarded to the second party.



The options for transferring calls must be set up correctly for the phone system.

## During a conversation

### Handsfree mode

Activating/deactivating handsfree mode during a call and when establishing a connection:

- ▶ Press the handsfree key 

Placing the handset in the charging cradle during a call:

- ▶ Press and hold down the handsfree key  ▶ Place the handset in the charging cradle ▶ hold  for a further 2 seconds

## Call volume

Applies for the mode currently being used (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.

## Making calls

### Muting the microphone

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

Switch the microphone on/off during a call: ► Press 

or: ► Briefly press the Profile key 

### Adjust the microphone sensitivity

Adjust the microphone sensitivity for the receiver or wired headset during a call.

►  press and hold ►  set the required sensitivity ► Save



Changing without saving means the change only applies for the current call.

Permanent setting of the microphone sensitivity when the phone is idle:

►  press and hold ►  select Earpiece / Corded headset ►  set the sensitivity ► Save

or

►  ►   Settings ► OK ►  Audio Settings ► OK ►  Mic Sensitivity ► OK ►  select Earpiece / Corded headset ►  set the sensitivity ► Save

Set the acoustic profile to loud surroundings:

► Press and hold the  button ►  set the sensitivity ► Save

## Network services

Network services are dependent on the phone system and network provider.



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

### Deactivating Calling Line Identification for the next call

By default for an outgoing call, the phone number is sent and can be shown with the caller on the display (CLIP = CLI Presentation). When the caller's number is withheld, it is not shown on the called party's display. The call is made anonymously.

►  ►   Select Services ► OK ►  Nxt Call Anonymous ► OK ►  enter the number ► Dial ... The connection is established without CLI

### Call divert

When call divert is enabled, incoming calls are forwarded to another connection.

►  ►   Select Services ► OK ►  Call Forwarding ► OK ►  select when call divert is to apply ► OK

**All Calls:** Calls are forwarded 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.

Enable/disable: ► **Status:**  select On or Off

Enter the number for call divert:

►  **Phone Number** ►  enter the number

Enable: ► **Send**

## Call waiting

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

Reject waiting caller: ► **Reject** ... The waiting caller hears the busy tone

Accepting a call: ► **Accept**

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

## Prevent/permit call waiting

►    **Select Services** ► **OK** ►  **Call Waiting** ► **OK**

Enable/disable: ► **Status:**  select On or Off

Enable: ► **Send**

## Do not put through call

When you do not want to be disturbed, you can arrange for no more calls to be put through.

►    **Select Services** ► **OK** ►  **Do Not Disturb** ► **OK**

Enable/disable: ► **Status:**  select On or Off

Enable: ► **Send**

## Cancelling ringback

After you have initiated a ringback, you can cancel it before the other party calls back.

►    **Select Services** ► **OK** ►  **Ringback Off** ► **OK** ... You receive a confirmation from the phone 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.

If the ringback is indicated before you are able to cancel it: ► Press the End call key 

## Call lists

## Call lists

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



To display the numbers of missed and received calls in the call lists, the relevant option must be enabled on the Gigaset N870 IP PRO.

### List entry

The following information is displayed in the list entries:

- The list type (in the header)
- Icon for the type of entry:
  - 
  - 
  -
- Caller's number. If the number is stored in the directory, the name and number type (, , ) are shown instead. In the event of missed calls, the number of missed calls from this number is also shown in square brackets.
- Connection by which the call was received/made
- Date and time of call (if set)

### Example

All Calls		
	Frank	
	Today, 15:40	[3]
	089563795	
	13.05.25, 18:32	
	Susan Black	
	12.05.25, 13:12	
View		Options

### Hyphenation

For better readability longer numbers are separated by hyphens:

- 7 digits length: XXX-XXXX
- 10 digits length: XXX-XXX-XXXX
- 13 digits length: XXX-XXX-XXX-XXXX

### Opening the call list

Via the display key: Calls select list OK

Via the menu: Call Lists select list OK

Via the Message key (missed calls):

Press the Message key Missed Calls: OK

### Calling back a caller from the call list

► [ ] ► [ ] Call Lists ► OK ► [ ] select list ► OK ► [ ] select entry ► Press the Talk key [ ]

### Additional options

► [ ] ► [ ] Call Lists ► OK ► [ ] select list ► OK ... possible options:

View an entry: ► [ ] select entry ► View

Number into directory:

► [ ] select entry ► Options ► [ ] Copy to Directory ► OK

Delete an entry: ► [ ] select entry ► Options ► [ ] Delete Entry ► OK

Delete list: ► Options ► [ ] Delete List ► OK ► Yes

## Message lists

Notifications about missed calls, messages on the network mailbox and missed alarms are saved in the messages list and can be shown on the handset display.

Which messages are shown on the handset are defined in the configuration of the handset on the Gigaset N870 IP PRO.

**Counter for missed calls:** When the option is enabled, the number of missed calls in idle mode is shown on the handset display.

**Message Waiting Indicator (MWI):** For every message type (missed call, missed alarm, new message on the network mailbox), the MWI can be disabled/enabled on the Gigaset N870 IP PRO. If the option is enabled, the LED on the Message key [ ] flashes when a new notification arrives for a message type enabled.

Icons for message types and the number of new messages are shown on the idle display.

Notification for the following message types is available:

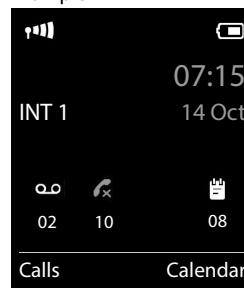
[ ] on the network mailbox

[ ] in the missed calls list

[ ] in the missed alarms list

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

### Example



## Message lists

## Display messages:

- ▶ Press the Message key  ... Messages 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.
- ▶  Select a list ▶ **OK** ... the calls or messages are listed
  - Network mailbox: The network mailbox number is dialled.

## Example

Messages & Calls	
Missed Appts:	(2)
Missed Calls:	(5)
Mailbox:	(1)
Back	OK



The message list contains an entry for every answering machine assigned to the handset, such as a network mailbox.

## Directories

The following directories are available:

- The (local) directory on the handset
- Company directories provided over a server
- Online directories made available by public providers

The local directory is always available. Which other directories are available is defined by Gigaset N870 IP PRO.

## Open directories

### Open directories with the Directory key

► Press the Directory key  (bottom of control key)

The  key is normally assigned as follows:

- Press **briefly** to open the selection of available online directories.
- Press and **hold** to open the local directory,

This assignment can be changed for every handset from the Gigaset N870 IP PRO. Direct access (press briefly) can be assigned to a specific online directory. In this case, open the local directory by pressing and holding the Directory key .

### Opening directories via the menu

Local directory:

►  ►   Directory ► OK

List of all online directories set up on the phone system

►  ►   Network Directory ► OK

The directories are shown with the names specified on the Gigaset N870 IP PRO.

### Opening the company directory using the INT key

A company directory is available if it has been set up on the Gigaset N870 IP PRO and when the phone system has access to this directory. The directory to open with the INT key can be set separately for every handset.

► Press the INT key  (left of control key)



It is not possible to transfer entries from the local directory to another handset.

## Directories

**Local handset directory**

The local directory is unique to the handset.

**Directory entries**

Number of entries: Maximum 200

Information: First and last names, up to three phone numbers, anniversary with signalling, VIP ringtone with VIP icon

Length of the entries: Numbers: max. 32 digits  
First and last names: max. 16 characters

**Creating an entry**

► <New Entry> ► OK ► switch between the entry fields

Name:

► enter the first and/or last name

Numbers:

► Tel.1 - Type ► select a number type (Home, Office or Mobile) ► ► enter a number

Enter more numbers: ► toggle between the entry fields

Tel.1 - Type/Tel.2 - Type/Tel.3 - Type ► enter a number

Anniversary:

► activate/deactivate Anniversary ► enter date and time ► select type of alert (Optical only or a ringtone)

Caller Melody (VIP):

► 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:

► select a picture that is to be displayed during a call from the participant (→ Resource Directory).

Save entry: ► **Save**



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.

Example



---

## Searching for/selecting a directory entry

- ▶   browse searched names

or

- ▶   enter initial letters (max. 8 letters) ... the display jumps to the first name starting with these initial letters
- ▶  continue browsing to the desired entry, if needed

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

---

## Displaying/changing an entry

- ▶   select entry
- ▶ **View**
- ▶  select the field to be changed
- ▶ **Edit**

or

- ▶   select an entry
- ▶ **Options**
- ▶ **Edit Entry**
- ▶ **OK**

---

## Deleting entries

Delete the **selected** entry:

- ▶   select an entry
- ▶ **Options**
- ▶  **Delete Entry**
- ▶ **OK**

Delete all entries: ▶   **Options**

- ▶  **Delete All**
- ▶ **OK**
- ▶ **Yes**

---

## Setting the order of the directory entries

Directory entries can be sorted by first name or surname.

- ▶   **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

- ▶   **Options**
- ▶  **Available Memory**
- ▶ **OK**

## Directories

---

## Copying number to the directory

Copy numbers to the directory:

- From a list e.g. the call list or the redial list
- 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 ►  select number type ► OK ► complete entry ► Save

Add number to an existing entry:

►  select an entry ► OK ►  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

---

## Copying a vCard using Bluetooth

Copy directory entries in vCard format, e.g. to exchange entries with a mobile phone.



Bluetooth mode is activated

The other handset/mobile phone supports Bluetooth.

►  ►  select an entry if needed ► Options ►  Copy entry / Copy all ►  vCard via Bluetooth ... the Known Devices list is displayed ►  select device ► OK

---

## Receiving a vCard using Bluetooth

If a device in the Known Devices list sends a vCard to your handset, a directory entry is automatically created and a message is shown in the display.

If the sending device is not in the list: ► use  to enter the PIN of the sending Bluetooth device ► OK ... the copied vCard is available as a directory entry

---

## Transferring contacts from other Bluetooth devices

Use the contacts of devices that are connected over Bluetooth, such as smartphones.



Bluetooth is enabled, and the other device is entered as a trustworthy device, connected over Bluetooth and supports the exchange of contacts.

On the smartphone: ► From the Bluetooth settings for the Gigaset N870 IP PRO, enable access to the contacts



The remote directory is only opened for viewing. Changing and deleting entries are not possible.

►  ►   Contacts ... The list of available directories is displayed ►  Bluetooth Directory ► OK ... The trustworthy devices with enabled contacts are displayed ►  Select the required devices ► Select

Search for a contact: ►  Scroll through the list or enter the initial letters

See the details: ►  Select the entry ►  View

Dial a phone number: ►  Select the entry ► Press the Talk key 

or: ► Options ►  Display Number ► OK

►  Select the number if required ► OK

Transfer a contact: ►  Select an entry ► Options ►  Copy entry ► OK ►  Select the phone number as required ► OK

Transfer another contact: ► Yes

End a transfer: ► No

Transfer all contacts: ► Options ►  Copy all ► OK ►  Select the phone number as required ► OK



Contacts without a phone number are ignored. First and last names and a maximum of three phone numbers are displayed (**Mobile**, **Home**, **Office**). Other information is ignored.

The number of contact entries displayed and the sorting order are dependent on the device connected and the access permissions defined on it.

## Company directory

If company directories (LDAP) are set up on the Gigaset N870 IP PRO, they are available on the handset with the following functions:

- Scroll through directory or search directory entries
- Show directory entries with details (no editing or deleting)
- Select phone numbers directly from the directory
- Transfer directory entries to the local directory

When a phone number is entered or there is an incoming call, a search of the directory is automatically performed for an entry matching the phone number. When an entry is found, the name is displayed instead of the phone number.

### Show the company directory on the phone display

The company directory is assigned to the INT key: ► Press 



Depending on the setting on the Gigaset N870 IP PRO, you can also access a company directory from the directory key .

## Directories

**Directory entries**

The following description is an example company directory display on a handset.

The menu shows all the directories that have been set up on the Gigaset N870 IP PRO and activated with the name assigned in each case. In the example on the right, the directory is displayed as **Our directory**.

►  Select the directory ► **OK**

The phone performs a query on the LDAP server.

Directories	
Our directory	
Directory 3	
Directory 4	
Directory 5	
Directory 6	
Back	<b>OK</b>

Our directory	
Albert	
Bond	
Bond, Agnes	
Bond, Paul	
Brown, Susan	
<b>View</b>	<b>Options</b>

**Search directory**

►  Scroll through the directory

or

►  Enter a name (or its starting letters)

As soon as you press a key on the keypad, the phone switches to search mode. You can enter up to 15 characters. All directory entries matching your entry are displayed.

Delete recent characters ► **< C**

<b>b</b>	
Bond	
Bond, Agnes	
Bond, Paul	
Brown, Susan	
<b>&lt; C</b>	<b>Options</b>

<b>br</b>	
Brown, Susan	
<b>&lt; C</b>	<b>Options</b>

The current search term is shown in the topmost line.

## Displaying a directory entry

- ▶  Select the required entry
- ▶ Press **View** or 

or

- ▶ **Options** ▶ **View**

The directory entry is shown with detailed information.

- ▶  Scroll through entry

Close entry: ▶ **Back** or press the End call key 

Brown, Susan
Surname:
Brown
First name:
Susan
Phone (home):
1234567890
Back

## Select a number from the directory

- ▶  Select the required entry
- ▶ Press the **Talk** key  ... If only one phone number is stored, it is dialled. If there are two or more numbers, they are shown in a selection list.

or

- ▶  Select the required phone number from the detailed view of the entry: **Phone (home)**, **Phone (office)** or **Phone (mobile)**
- ▶ Press the **Talk** key  ... The number is dialled

Brown, Susan
Phone (office):
0987654321
Phone (mobile):
0908987876
Street:
Avenue 12
Back

## Answering machine

# Answering machine

The answering machine takes incoming calls for the handset.

### Requirements

The following settings are required so that you can receive and listen to voice messages:

On the phone system

- ▶ A network mailbox is set up for the connection assigned to the handset.

On the Gigaset N870 IP PRO

- ▶ In the phone system configuration, the system for receiving notifications is registered for new messages on the network mailbox.

On the handset

- ▶ In the handset configuration, the phone number is entered and the network mailbox is enabled.

If necessary, contact the administrator of the DECT network.

### Enter/change numbers from the handset

- ▶    Voice Mail   Network Mailbox   enter or change the number of the network mailbox  Save

### Play messages on the handset

- ▶ Press and **hold** the  button
- or
- ▶ Press the Messages  key 
- or
- ▶    Voice Mail   Play Messages 

Listen to announcement over speaker:   button

## Additional functions

### Functions button

Assign a function to the Functions button in the top left of the handset.

- ▶       ... then



Enable/disable:  Activation: Select  On or Off

Select function:  Function  Select the function  Configure the function-specific settings (see below)

Also lock the Functions button when the keypad lock is enabled:

- ▶  Keypad locked  Key active or Key inactive

Specify a PIN to protect against unauthorised changing of the Functions button assignment:

- ▶  Feature Key PIN  Enter the PIN (max. 8 digits) ... Once a PIN has been entered, it is prompted when the menu entry is accessed Feature Key

Save: 

Using the Functions button → p. 15

### Setting up the “QuickDial” function

Assign call number to Functions button.

- ▶       ... Activation:  On  Function: 

When the earpiece or handsfree function is used for the call initiated:

- ▶  Via  Earphone or Handsfree

To enter the phone number:

- ▶  Call to  Enter the number or  select it from the directory

Save the settings: 

### Setting up the “LED torch” function

Turn the torch on/off

- ▶       ... Activation:  On  Function:  LED torch 

## Functions button

**Setting up the “Send key” function**

The key works like the Talk key. When the phone is idle, the redial list is opened. It enables for example a phone number entered previously from the keypad (or selected in a call list or directory) to be dialled - even when the keypad is locked.

▶        Activation:   

**Setting up the “Alarm key” function**

Trigger an action using the Functions button.

▶        Activation:  

When the earpiece or handsfree function is used for the call initiated:

▶   

Enable Spot LED:

▶  

Shorter and longer pressing of the Functions button can cause different actions to be triggered. Configure one after the other the settings for short and long presses.

▶ Select     Select On or Off each time

Enter the phone number to which the alarm is forwarded:

▶   Enter the number or  select it from the directory

Specify a delay time between pressing of the button and triggering of the alarm:

▶   Select the delay time

Specify the alarm melody to be played on the handset after the Functions button is pressed:

▶   Select the melody

Set the volume for the melody played:

▶   Select the volume

Save the settings: 

When the Functions button, configured as an Alarm button, is pressed

- connections currently established for the base are ended
- incoming calls are rejected
- the handset plays the alarm melody over the speaker (if configured)
- the Spot LED flashes in the SOS sequence (if enabled)
- an alarm call is made to the number specified



The phone number routed to the alarm system can also be assigned as a quick dial number on the Digits or a Display button.

## Setting up the “System action” function



The function is supported by the base and is configured for the handset.

With this function you are able to select a function configured on the base as a system action. In this case, the Function key only works as a button in line with the conditions defined in the configuration. What is triggered by pressing the alarm button depends on the configuration on the alarm server.

► ► ► Settings ► OK ► Display + Keypad ► OK ► Feature Key ► OK ► Activation: On ► Function: System action

## Sound profiles

The telephone has sound profiles for adapting the handset to the environmental conditions: **Profile Loud**, **Profile Silent**, **Profile Personal**. You can use the **Do not disturb** profile to prevent the handset signalling an incoming call.

- Press the Profile key ... The profile currently set is shown
- Switch between profiles using key

or

- select a profile ► OK

Set the microphone sensitivity to loud surroundings:

- Press and **hold** the profile key

### Profile "Do not disturb"

- Set with the profile key

or

- ► ► Audio Settings ► OK ► Do Not Disturb ► Change = On

- The idle display shows "Do not disturb" active. The status bar shows .
- Incoming calls are not signalled but show up in the call list as missed calls.
- Most messages are blocked. Exceptions: Appointments, alarm clock and anniversaries.



An incoming call occupies a line even if it is not signalled. If all the lines on the base are occupied, calls cannot be made.

## Calendar

## Sound profiles

The profiles are set as follows by default:

Default setting	Profile Loud	Profile Silent	Profile Personal
Silent alert	On	Same as <b>Profile Personal</b>	Off
Ringtone	On	Off	On
Ringtone volume	Internal External	5 5	Off Off
Handset volume	Receiver Handsfree	5 5	3 3
LED light for a call		Yes	No
Advisory tones	Key click Battery tone Confirmation tone	Yes Yes Yes	No
			Yes Yes Yes

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



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

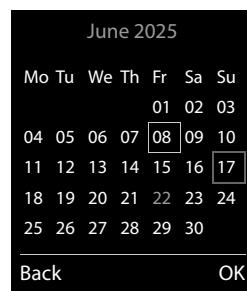
Changes to the settings listed in the table:

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

## 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.



## Saving appointments to the calendar



Date and time have been set.

► Organizer ► OK ► Calendar ► OK ► select desired day ► OK ... then

Switch on/off:	► Activation:  select On or Off
Enter date:	►  Date ... the selected day has been pre-set ►  enter new date
Enter time:	►   enter hours and minutes of the appointment
Set name:	►   enter a description of the appointment (e.g. evening meal, meeting)
Set alarm tone:	►   select the melody of the reminder alarm or deactivate the acoustic signal
Save appointment:	►



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 Appts** 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 stored. The icon and the number of new entries are shown in the display. The most recent entry appears at the top of the list.

## Timer

### Opening the list

► Press the Message key  ►  Missed Appts: ► OK ►  browse through the list of any appointments

or

►  ►   Organizer ► OK ►  Missed Appts ► 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 stored appointments

►  ►   Organizer ► OK ►  Calendar ► OK ►  select day ► OK ... the appointment list is displayed ►  select date ... 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

## Timer

### Setting the timer (countdown)

►  ►   Organizer ► OK ►  Timer ► OK ... then

Enable/disable: ► Activation:  select On or Off

Set the duration: ►  Duration ► use  to enter the hours and minutes for the timer

Min.: 00:01 (one minute); Max.: 23:59 (23 hours, 59 minutes)

Save the timer: ► Save

The timer starts the countdown. In the idle display, icon  and the remaining hours and minutes are displayed until one minute is left. From this point, the remaining seconds are counted down. At the end of the countdown, the alarm is triggered.

## Disabling/repeating the alarm

Switch off the alarm: ► Off

Repeat the alarm: ► Restart ... the timer display is displayed again ► set another duration as required ► Save ... the countdown is restarted

## Alarm clock



Date and time have been set.

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

► [ ] ► [ ] [ ] Organizer ► OK ► [ ] Alarm Clock ► OK ... then

Switch on/off: ► Activation: [ ] select On or Off

Setting the wake-up time:

► [ ] Time ► [ ] enter hours and minutes

Set days: ► [ ] Occurrence ► [ ] switch between Monday-Friday, Once and Daily

Set the volume: ► [ ] Volume ► [ ] set volume in 5 levels s or select crescendo (increasing volume)

Set alarm: ► [ ] Melody ► [ ] 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

## 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.

- ▶ ... then
- Switch on/off:      ▶ select **On** or **Off**
- Enter time:            ▶ switch between **Suspend ring. from** and **Suspend ring. until** enter start and end in 4-digit format
- Save:                    ▶ **Save**

#### Example

Time Control	
<b>For external calls:</b>	
On	
Suspend ring. from:	22:00
Suspend ring. until:	07:00
Back	Save

The time control only applies to the handset for which the setting is configured.

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

### 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.

- ▶ (checkbox = on) ... ringtone is switched off when in charging cradle)

---

### Disable the ringtone (do not disturb)

You can use the Do Not Disturb function to prevent the handset signalling an incoming call.

►  ►  ►  **Audio Settings** ► **OK** ►  **Do Not Disturb** ► **Edit** ( = enabled)

- The idle display shows "Do not disturb" active.
- Incoming calls are not signalled but show up in the call list as missed calls.
- Most messages are blocked. Exceptions: Appointments, alarm clock and anniversaries.

 An incoming call occupies a line even if it is not signalled. If all the lines on the base are occupied, calls cannot be made.

## Resource Directory

## 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.

### Managing images (for screensaver and CLIP) and sounds

►  ►  ★ Additional Features ► OK ►  Resource Directory ► OK ... possible options:

View image: ►  Screensavers / Caller Pictures ► OK ►  select picture ► View ... the selected picture is displayed

Play sound: ►  Sounds ► OK ►  select sound ... the selected sound is played

Set volume: ► Options ► Volume ► OK ►  select volume ► Save

Rename picture/sound: ►  Screensavers / Caller Pictures / Sounds ► OK ►  select sound/image ► Options ► Rename ►  delete name ►  enter new name ► Save ... the entry is saved with the new name

Delete picture/sound: ►  Screensavers / Caller Pictures / Sounds ► OK ►  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.

►  ►  ★ 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. to connect a Bluetooth headset or hearing aid.



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

The following devices can be connected:

- A Bluetooth headset or hearing aid



The headset / hearing aid has 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 to the headset, whether a call is accepted using the headset or transferred to the headset, or a call is made from the headset.

- Up to 30 data devices (PCs, tablets or mobile phones) for the transmission of address book entries as a vCard or for the exchange of data with the computer.  
In order for telephone numbers to be used further, the area code (international and local area code) must be saved to the telephone.

Operating Bluetooth devices → device user guides

### Activating/deactivating Bluetooth mode

- ▶ ► Settings ► OK ► Bluetooth ► OK ► Activation ► Change ( = activated)  
If the local area code is still not saved: ▶ enter local area code ► OK

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

### Making a device visible/invisible

When Bluetooth is enabled, the handset is visible to Bluetooth devices in range for 5 minutes. It is then invisible after this time.

Making a device visible again:

- ▶ ► Settings ► OK ► Bluetooth ► OK ► Visibility ► Change ( = enabled)

The icon in the status bar flashes whilst the handset is visible.

- Even when the handset is invisible, requests from devices known as trustworthy are accepted.

## Bluetooth

**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.

 Only one headset / hearing device can be registered. When more than one headset is found, enable the one required using the checkbox (✓ = enabled).

►     Search Devices ► 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

The subsequent process is dependent on the device to which the connection is being made. Normally, both devices show the same authentication code.

► Confirm the authentication code on both devices ... The devices are connected. The device is included in the list of known devices.

Showing information:

►  Select the device as required ► View ... The device name and address are displayed, as well as functions possible for this device

Repeat search: ► Options ► Repeat Search ► OK

Cancel search: ► Cancel

**Editing the list of known (trusted) devices****Open the list**

►      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**

►      Known Devices ► OK ►  select entry ... possible options:

View an entry: ► View ... the device name and device address are displayed ► Press OK to go back

De-registering a device:

► Options ► Delete Entry ► OK

Deregister all devices:

► Options ► Delete List ► OK

Edit name:

► Options ► Edit Name ► OK ►  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

When Bluetooth is enabled or Visibility is activated, the handset is only visible to other Bluetooth devices for 5 minutes (→ p. 47). A device is only able to request a connection during this time. Also, a connection can only be established when a register process is started.

- ▶ Start a register process as described in Section **Registering Bluetooth devices**.

## Changing the Bluetooth name of the handset

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

- ▶       ... the name and the device address are shown   change the name 

## Usage as a Bluetooth beacon

The Gigaset N870 IP PRO can be used as a Bluetooth beacon. It can therefore be used in systems in which BLE (Bluetooth Low Energy) is used for communication, such as for localising the device, asset tracking, use in an alarm system, ...

The Beacon function is enabled and set up by an Administrator. Which function the handset assumes here is dependent on the system in which it is used.

When the Beacon function is enabled on the handset, the  icon is shown in the status bar.

For further information, contact your Administrator.

## Additional functions using the PC interface



The **Gigaset QuickSync** program has been installed on the computer.

Free to download at → [www.gigaset.com/quicksync](http://www.gigaset.com/quicksync)

QuickSync functions:

- Synchronise the contact details of the handset with Microsoft® Outlook® or a Google™ account
- Download from the PC to the handset images for the CLIP display in the directory and for the screensaver
- Download audio files for ringtone melodies from the PC to the handset
- Initiate, take or reject phone calls on the PC
- Update firmware
- Save and restore the handset settings on the PC

For detailed information on all functions: → **Gigaset QuickSync** help system

## Additional functions using the PC interface

---

## Registering handset with QuickSync

► Connecting the handset to the computer via Bluetooth or via a USB data cable.



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



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.

► Start the **Gigaset QuickSync** program on the PC ► Add device ... All devices detected by the program are displayed ► Select handset

---

## Transferring data

► **Phone Explorer** ► Select **Screensaver / Caller images / Audio files** ► Use the icons in the header to down or upload files - add to or delete from the clipboard

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.

---

## Saving and restoring settings

Saving settings:

► **Save settings** ► select which data to save (**images, melodies / settings / contacts, call lists**) (  = selected) ► **Save settings** ► select a storage location in the file system ► **OK** ... the data selected is saved (file name extension: .hsdat)

Restore settings:

► **Save settings** ► **Restore settings** ► Select a backup file in the file system ► **Open** ... the data saved is loaded onto the handset

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



Firmware updating is only possible via USB.

- ▶ **Update firmware** ... The current firmware version is shown ▶ **Update**

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



Do not interrupt the process and do not remove the USB data cable.

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, the Message key  and the Talk key  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 **Gigaset QuickSync** program on the PC ▶ Remove the USB data cable from the telephone ▶ Remove the battery ▶ Re-insert 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 **Gigaset QuickSync** program on the PC ▶ Remove the USB data cable from the telephone ▶ Remove the battery
- ▶ 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**.



## Handset

# Adjusting the telephone settings

## Handset

### Changing the language

- ▶    Settings ▶ OK ▶  Language ▶ OK ▶  select language ▶ Select (  = selected)

If the handset has been set to an incomprehensible language:

- ▶  ▶ Press the keys   slowly one after the other ▶  select the correct language ▶ press the right display key

### Select country

Select the country where you are using the phone. Your selection is used for country-specific defaults.

- ▶    Settings ▶ OK ▶  Telephony ▶ OK ▶  Country ▶ OK ▶  select the country ▶ Select (  = selected)

### 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.

- ▶    Settings ▶ OK ▶  Display + Keypad ▶ OK ▶  Screensaver ▶ Edit  ( = on) ... then
  - ▶ Activation:  select On or Off
  - ▶ Select screensaver:   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** are available for selection.

#### End screensaver

- ▶ Press the End call key  briefly ... the display changes to idle status

## Notes on displaying Info Services



**Info Services** are activated via the web configurator.

The telephone is connected to the Internet.



If no information is currently available, the digital time (**Digital Clock**) is displayed instead until information is available again.

## Switching Info Services on/off

The text information from the Internet that is set for the screensaver **Info Services** can be displayed as a scrolling message in idle status.

- ▶ ► **Settings** ► **Display + Keypad** ► **Info Ticker** ►
- = on)

The text appears as soon as the telephone changes to idle status. If a message is shown in the display, the info text is not displayed.

## 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.

- ▶ ► **Settings** ► **Display + Keypad** ► **Large Font** ►
- = on)

## Colour scheme

You can choose from a range of colour combinations for the display.

- ▶ ► **Settings** ► **Color Schemes** ►
- 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:

- ▶ ► **Settings** ► **Display + Keypad** ► **Display**
- Backlight** ► select when the setting is applied (**In Charger / Out of Charger / In Talk State**) ► **Select** in each case with **On** or **Off** ► **Save**



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

## Handset

**Keypad illumination**

The keypad has 5 levels of brightness to choose from.

- ▶    **Settings** ▶ **OK** ▶  **Display + Keypad** ▶ **OK** ▶  **Key Illumination** ▶  ▶  **select Intensity (1 - 5)** ▶ **Save**

**Activating/deactivating automatic keypad lock**

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

- ▶    **Settings** ▶ **OK** ▶  **Display + Keypad** ▶ **OK** ▶  **Auto Keypadlock** ▶  **Change (****) = on**

**Tones and signals****Call volume**

You can set the volume of the earpiece, handsfree function and headset on 5 levels independently of each other.



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

**During a conversation**

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

**In idle status**

- ▶  **Handset Volume** ▶  **select what the setting is to apply for (Earpiece / Speaker / Corded headset)** ▶  **select the volume** ▶ **Save** ... The setting is saved

or

- ▶    **Settings** ▶ **OK** ▶  **Audio Settings** ▶ **OK** ▶  **Handset Volume** ▶ **OK** ▶  **select what the setting is to apply for (Earpiece / Speaker / Corded headset)** ▶  **set the volume** ▶ **Save**

**Automatic volume control**

Crescendo is **not** set for the ringtone volume (→ p. 55).

The phone is able to automatically adjust the volume of the receiver and ringtone to the ambient volume. Here you can set the sensitivity with which the phone reacts to changes in noise level (**Very High**, **High**, **Medium**, **Low**, **Very Low**).

- ▶    **Settings** ▶ **OK** ▶  **Audio Settings** ▶ **OK** ▶  **Smart Volume** ▶ **OK** ▶  **Smart Earpiece Vol. / Smart Ringtone Vol.** ▶ **Edit**

- Enable/disable:  Activation:  select On or Off
- Adjust the sensor:   Sensitivity   adjust the sensor sensitivity
- Save:   Save

## Headset – volume correction

Change the call volume for the wired headset. In addition to the standard settings for the call volumes, here you can compensate the audio setting characteristics of your headset.

- ▶    Settings ▶ OK ▶  Audio Settings ▶ OK ▶  Cabled Hdst Boost ▶  set the volume ▶ Save

## Microphone sensitivity

Adjust the sensitivity of the microphone for the receiver or wired headset. This gives you improved acoustics in loud environments and when there are echoes.

- ▶    Settings ▶ OK ▶  Audio Settings ▶ OK ▶  Mic Sensitivity ▶ OK ▶  select what the setting applies for (Earpiece / Cabled headset) ▶  adjust the sensitivity ▶ Save

## 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.

- ▶    Settings ▶ OK ▶  Audio Settings ▶ OK ▶  Acoustic Profiles ▶  Earpiece Profiles / Handsfree Profiles ▶ OK ▶  select profile ▶ Select (  = selected)

Earpiece Profiles: **High frequency** or **Low frequency** (default setting)

Handsfree Profiles: **Standard** (default setting) or **Reduced Echo**

## Ringtones

### Ringtone volume

Set different ringtone volumes for internal and external calls, and other connections configured (group calls, intercom, emergency calls) or set the same ringtone volume for all external calls.

- ▶    Settings ▶ OK ▶  Audio Settings ▶ OK ▶  Ringtones (H/Set) ▶ OK ▶  Volume ▶ OK ▶  Select **Internal calls and appointments** or external connection ▶  Set the volume on 5 levels or Crescendo (increasing volume) ▶ Save



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

## Handset

**Ringtone melody**

Set different ringtones for internal and external calls, or other connections configured (group calls, intercom, emergency calls) or set the same ringtone for all external calls.

- ▶    **Settings** ▶   **Audio Settings** ▶   **Ringtones (H/Set)** ▶   **Melodies** ▶   **Select Internal Calls or connection** ▶  **Select the ring-tone/melody in each case** ▶ **Save**

**Switching the ringtone on/off****Switching the ringtone off permanently**

- ▶ Use the  key to set the **Profile Silent** ... The following icon appears in the status bar: 
- or: Enable "Do not disturb"
- ▶    **Audio Settings** ▶   **Do Not Disturb** ▶ **Change**  = enabled

**Switching the ringtone on permanently**

Use the  key to set **Profile Loud** or **Profile Personal**

**Switching the ringtone off 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:

- ▶ Use the **Profile** key to select  **Profile Silent** ▶ **Press Beep** within 3 seconds ... The following is shown in the status bar: 

Switching off the alert tone: ▶ Use the **Profile**  key to change profile

---

**Switching the silent alert on/off**

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

- ▶    **Settings** ▶   **Audio Settings** ▶   **Silent Alert** ▶ **Change**  = on

---

**Switching advisory tones on/off**

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

- ▶    **Settings** ▶   **Audio Settings** ▶   **Advisory Tones** ▶ **OK** ... then

Tone when keys are pressed:

- ▶ **Key Tones:**  select **On** or **Off**

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

- ▶  **Confirmation** ▶  select **On** or **Off**

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

- ▶  **Battery** ▶  select **On or Off**

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

- ▶  **Out of Range:**  select **On or Off**

Save settings:

- ▶ **Save**

## Auto answer

When Auto answer is enabled, the handset accepts an incoming call as soon as it is removed from the charging cradle.

- ▶  ▶   **Settings** ▶ **OK** ▶  **Telephony** ▶ **OK** ▶ **Auto Answer** ▶ **Change**

 = activated

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.

## Activating/deactivating visual call signal

Visual indication of incoming calls via the spot LED (e.g. in noisy environments).

- ▶  ▶   **Settings** ▶ **OK** ▶  **Telephony** ▶ **OK** ▶  **LED Call Signal** ▶ **Change**  = on



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

## Emergency numbers

You can enter up to three phone numbers as emergency numbers - that you can also dial when the keypad lock is PIN-protected.

- ▶  ▶   **Settings** ▶ **OK** ▶  **Telephony** ▶ **OK** ▶  **Emergency Numbers** ▶ **OK** ▶  select an entry (--- = empty entry) ▶ **Change** ▶  enter the name for the emergency number ▶  enter the emergency number ▶ **Save**

Delete entry: ▶  **C** delete the name and phone number ▶ **Save**

You can check what emergency numbers are prestored on the numbers list of the handset.

- ▶ Press **Emergency Numbers** softkey to see the predefined emergency numbers

## Fast access to numbers and functions

### Assigning a number to digit keys (quick dial)

It is possible to assign a **number** from the **directory** to the keys **[0-9]** and **[2-9]**.



A number has not been assigned to the digit key.

- ▶ Press and **hold** the digit key
- or
- ▶ **Briefly** press the digit key ▶ Press the display key **QuickDial**

The directory opens.

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



If the entry in the directory is deleted later, this will not affect the assignment of the digit key.

### Dialling a number

- ▶ 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: ▶  select an entry ▶ **OK** ▶ select a number if required ▶ **OK**  
Delete the assignment: ▶ **Clear Key**

## Assigning display keys / Changing assignments

The left and right display keys have a **function** preset by default when in idle mode. The key can be re-assigned.

- ▶ Press and **hold** the left or right display key in idle status ... the list of possible key assignments is opened ▶  select the function ▶ **OK** ... The assignment of the display key is changed

Possible functions: **Alarm Clock**, **Redial**, **Handset Directory** ... More functions are available in **More Functions...**

### Starting a function

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

## Testing DECT encryption

When this function is enabled, the handset tests whether the DECT connection to the base is secure, i.e. is encrypted. If not, a message is shown on the display.

- ▶      **Security Check** ▶
- Change (  = enabled)

-  If a repeater without encryption is used, the secure connection test must be disabled.

If, on the base, encryption is disabled at a later time whilst the secure connection test is enabled (because a repeater needs to be connected for example), **Security Info - Press INFO** is shown on the handset.

- ▶ **Info** ... the situation is explained ▶ **Sec. off** ... the secure connection test is disabled

### During a call

A sound and a message on the display indicate when encryption is disabled on the base during a call.

- Continue call: ▶ Yes
- Stop call: ▶ No

If neither is pressed, the call is stopped automatically after a certain time.

Testing the secure connection status during a call:

- ▶ Press the Hash key  for a longer time ... the secure connection status is shown on the display

## Changing the handset PIN

The handset is protected against unauthorised use by a PIN. The handset PIN must be entered e. g. when switching off the keypad lock.

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

- ▶      **Handset PIN** ▶  ▶  enter the current PIN ▶  ▶  enter the new handset PIN ▶ 

-  If the correct handset PIN is not entered after 5 failed attempts, a 15-second timer is started. Every failed attempt thereafter doubles the timer (up to a maximum delay of 8 hours between PIN entry attempts).

## Handset

## Resetting a handset

Reset any individual settings and changes that you have made.

►    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

## Resetting the handset to the default settings

Reset all settings and personal information.

►    Settings ► OK ►  System ► OK ►  Erase Handset ► OK ►  
 enter the current PIN ► OK

All user information, lists, the directory and the handset registration with the base are erased.  
The Registration wizard is started.

## Handset update

The handset supports firmware updating via the DECT radio link to the base/router (SUOTA = Software Update Over The Air).

The phone checks whether new firmware is available for the handset. If it is, a message is displayed.

► Start the firmware update with Yes.

Enable/disable automatic check for new firmware:

►    Settings ► OK ►  System ► OK ►  Handset Update ► OK ►  
 Automatic Check ► OK ► Change ( = enabled)

## Start the firmware update manually

►    Settings ► OK ►  System ► OK ►  Handset Update ► OK ►  
 Update ► OK ► OK ... if there is new firmware, the update will start



The update process may take up to 30 minutes. During this time, only restricted handset use is available.

## Checking the firmware version

►    Settings ► OK ►  System ► OK ►  Handset Update ► OK ►  
 Current Version ► OK ... the firmware version of the handset is displayed

## Appendix

### Innovation, Science and Economic Development Canada - Certification

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

**NOTICE:** The ISED label identifies certified equipment. This certification means that the equipment meets certain telecommunications network, protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

This product meets the applicable Innovation, Science and Economic Development Canada technical specifications including licence-exempt RSS standard(s).

### FCC / ACTA Information

**Warning:** Changes or modifications to this unit not expressly approved by Gigaset Technologies GmbH could void the FCC authority to operate the equipment. This includes the addition of any external antenna device.

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of the base station is a label that contains, among other information, a product identifier in the format US:AAAEQ#TXXXX. If requested, this number must be provided to the telephone company.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

This telephone system equipment has been tested and found to comply with the limits for Class B digital device, pursuant to Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this telephone system does cause harmful interference to radio or television reception, which can be determined by turning the system off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- 1 Reorient or relocate the receiving antenna.
- 2 Increase the separation between the equipment and receiver.
- 3 Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- 4 Consult the dealer or an experienced radio TV technician for help.

## Safety precautions

### Notice to Hearing Aid Wearers:

This phone system is compatible with inductively coupled hearing aids.

### Power Outage:

In the event of a power outage, your cordless telephone will not operate. The cordless telephone requires electricity for operation. You should have a telephone that does not require electricity available for use during power outages.

### Radio frequency radiation exposure Information:

The installation of the base unit should allow at least 8 inches between the base and persons to be in compliance with FCC RF exposure guidelines.

For body worn operation, the portable part (handset) has been tested touched to the phantom and meets FCC RF exposure guidelines. Nevertheless, the device should be used in such a manner that the potential for human contact during normal operation is minimized.

## Safety precautions

Before using your telephone equipment, basic safety instructions should always be followed to reduce the risk of fire, electric shock and injury to persons.

- 1 This product should be installed by a qualified technician.
- 2 This product should only be connected to the host equipment and never directly to the network such as Public Switch Telephone Network (PSTN) or Plain Old Telephone Services (POTS).
- 3 Read and understand all instructions.
- 4 Follow all warnings and instructions marked on the product.
- 5 Unplug this product from your power source\* before cleaning. Do not use liquid cleaners or aerosol cleaners. Use damp cloth for cleaning.
- 6 Do not use this product near water, for example, near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement or near a swimming pool.
- 7 Place this product securely on a stable surface. Serious damage and/or injury may result if the unit falls.
- 8 Slots or openings in the cabinet and the back and bottom are provided for ventilation, to protect it from overheating. These openings must not be blocked or covered. This product should never be placed near or over a radiator or heat register. This product should never be placed in any area, where proper ventilation is not provided.
- 9 This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied at the premises, consult your dealer or local power company.
- 10 Do not place objects on the network cable or power cord. Install the unit where no one can step or trip on the cord.
- 11 Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
- 12 Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in the risk of fire or electric shock. Never spill liquid of any kind on this product.
- 13 To reduce the risk of electric shock or burns, do not disassemble this product. Take it to a qualified service center when service is required. Opening or removing covers other than specified access doors may expose you to dangerous voltages, dangerous electrical current or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used. Disconnect TNV circuit connector before removing cover.
- 14 Unplug the product from your power source\* and refer servicing to qualified service personnel under the following conditions:
  - a.) When the power cord is damaged or frayed.
  - b.) If liquid has been spilled onto the product.
  - c.) If the product has been exposed to rain or water.

## Safety precautions

- d.) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and may require extensive work by a qualified technician to restore the product to normal operation.
- e.) If the product has been dropped or physically has been damaged.
- f.) If the product exhibits a distinct change in performance.

15 Avoid using a telephone (other than a cordless type) during a thunderstorm. There may be a remote risk of electrical shock from lightning. Therefore we suggest a surge arrester.

16 Do not use the telephone to report a gas leak in the vicinity of the leak. Under certain circumstances, a spark may be created when the adapter is plugged into the power outlet, or when the handset is replaced in its cradle. This is a common event associated with the closing of any electrical circuit. The user should not plug the phone into a power outlet, and should not put a charged handset into the cradle, if the phone is located in an environment containing concentrations of flammable or flame-supporting gases, unless there is adequate ventilation. A spark in such an environment could create a fire or explosion. Such environments might include: medical use of oxygen without adequate ventilation; industrial gases (cleaning solvents; gasoline vapors; etc.); a leak of natural gas; etc.

\*Power source for the base station will be via the ethernet cable or a power injector; for the handset it will be the battery and the AC adapter to the charging cradle.

### Battery safety precautions

To reduce the risk of fire, injury or electric shock, and to properly dispose of batteries, please read and understand the following instructions.

CONTAINS NICKEL METAL HYDRIDE BATTERY. BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY. DO NOT DISPOSE OF IN MUNICIPAL WASTE.

- 1 Only use the batteries specified for use with this product.
- 2 DO NOT USE NICKEL CADMIUM OR LITHIUM BATTERIES, or mix batteries of different sizes or from different manufacturers in this product. DO NOT USE NONRECHARGEABLE BATTERIES.
- 3 Do not dispose of the batteries in a fire; the cells may explode. Do not expose batteries to water. Check with local waste management codes for special disposal instructions.
- 4 Do not open or mutilate the batteries. Released electrolyte is corrosive and may cause damage to the eyes or skin. The electrolyte may be toxic if swallowed.
- 5 To prevent fire or shock hazard, do not expose batteries to water or any type of moisture.
- 6 Exercise care in handling the batteries in order not to short the batteries with conducting materials such as rings, bracelets, and keys. The batteries or conducting material may overheat and cause burns or fire.
- 7 Charge the batteries provided with, or identified for use with, this product only in accordance with the instructions and limitations specified in the user's manual. Do not attempt to charge the batteries with any means other than that specified in the users manual.
- 8 Periodically clean the charge contacts on both the charger and handset.
- 9 The battery cannot be subjected to high or low extreme temperatures during use, storage or transportation.
- 10 Avoid leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.
- 11 The battery cannot be subjected to low air pressure at high altitude during use, storage or transportation.
- 12 A battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.

## Service (Customer Care)

### Customer Care Warranty for Cordless Products

To obtain Customer Care Warranty service, product operation information, or for problem resolution, please contact Support at:

[www.gigaset.com/contact](http://www.gigaset.com/contact)

## End-user limited warranty

This product is covered by a one year limited warranty. Any repair replacement or warranty service, and all questions about this product should be directed to: [www.gigaset.com/contact](http://www.gigaset.com/contact).

This limited, non-transferable warranty is provided to the original buyer/end-consumer ("you") for systems, handsets and accessories (collectively, "Product") provided by Gigaset Technologies GmbH, Frankenstraße 2, D-46395 Bocholt. Gigaset Technologies GmbH warrants to you that at the date of purchase, the Product is free of defects in workmanship and materials and the software included in the Product will perform in substantial compliance to its program specifications.

### 1. WARRANTY PERIOD

The Product warranty period is one (1) year from the original date of purchase by you. Proof of purchase (e.g., sales slip or invoice) must be provided with any Product returned during the warranty period. Batteries supplied with the Products are warranted to be free from defects at the time of purchase only.

### 2. EXCLUSIVE REMEDY

Gigaset Technologies GmbH's entire liability and your exclusive remedy if the Product is defective in materials or workmanship during the warranty period and is returned shall be that the Product will be repaired or replaced as set forth in Section 4 below. Reconditioned replacement components, parts or materials may be used in the replacement or repair. Data in the memory of the Product may be lost during repair.

### 3. THIS LIMITED WARRANTY DOES NOT COVER AND IS VOID WITH RESPECT TO THE FOLLOWING:

- Cosmetic damage, physical damage to the surface of the Product, including, without limitation, breakage, cracks, dents, scratches or adhesive marks on the LCD screen or outside casing of the Product.
- Products which have been repaired, maintained or modified (including the antenna) by anyone other than Gigaset Technologies GmbH-approved repair facility, or that have been improperly installed.
- Cost of installation, removal or reinstallation.
- Damage due to any telephone, electronic, hardware or software program, network, Internet or computer malfunctions, failures, or difficulties of any kind, including without limitation, server failure or incomplete, incorrect, garbled or delayed computer transmissions.
- Equipment and components not manufactured, supplied or authorized by Gigaset Technologies GmbH.
- Modification of the Product's components, or operation of the Product in an unsuitable environment or in a manner for which it is not intended, including but not limited to failures or defects caused by misuse, abuse, accidents, physical damage, abnormal operation, improper handling or storage, neglect, alterations, unauthorized installation, removal or repairs, failure to follow instructions, problems caused by the carrier's network coverage, exposure to fire, water or excessive moisture or dampness, floods, or extreme changes in climate or temperature, acts of God, riots, acts of terrorism, spills of food or liquids, viruses or other software flaws introduced into the Product or other acts which are not the fault of Gigaset Technologies GmbH and which the Product is not specified to tolerate, including damage caused by mishandling or blown fuses.
- Products which have had warranty stickers, electronic serial number and/or serial number label removed, altered, rendered illegible or fraudulently applied to other equipment.
- Signal reception problems (unless caused by defect in material or workmanship in the Product).
- Products operated outside published maximum ratings.

- Performance of the Products when used in combination with other products or equipment not manufactured, supplied or authorized by Gigaset Technologies GmbH.
- Consumables (such as batteries and fuses).
- Payments for labor or service to representatives or service centers not authorized to perform product maintenance by Gigaset Technologies GmbH.
- Loss of data.
- Testing and examination discloses that the alleged defect or malfunction in the Product does not exist.

This warranty does not cover customer education, instruction, installation or removal, set up adjustments, problems related to service(s) provided by a carrier or other service provider, and/or signal reception problems. Gigaset Technologies GmbH shall not be responsible for software, firmware, information, or memory data contained in, stored on, or integrated with any Products returned for repair, whether under warranty or not. This warranty is valid only in the country in which it is purchased (i.e., the United States of America or Canada respectively, but not both).

USE WITH ACCESSORIES NOT SUPPLIED BY Gigaset Technologies GmbH OR NOT OTHERWISE EXPRESSLY AUTHORIZED BY Gigaset Technologies GmbH MAY VOID WARRANTY.

#### 4. WARRANTY CLAIM PROCEDURE

All warranty claims must be made by notifying Gigaset Technologies GmbH prior to the expiration of the warranty period. Gigaset Technologies GmbH's obligation to provide warranty support shall not extend past the end of the warranty period, except that any product repaired or replaced during the warranty period shall continue to be warranted for the balance of such warranty period or thirty (30) days, whichever is greater.

Support service will be provided for you at:

[www.gigaset.com/contact](http://www.gigaset.com/contact).

#### 5. LIMITATION OF WARRANTY

Gigaset Technologies GmbH makes no warranty or representation that the software in the Products will meet your requirements or will work in combination with any hardware or applications software products provided by third parties, that the operation of the software will be uninterrupted or error free, or that all defects in the software products will be corrected.

#### 6. LIMITATION ON REMEDIES; NO CONSEQUENTIAL OR OTHER DAMAGES

Your exclusive remedy for any breach of this limited warranty is as set forth above. Except for any refund elected by Gigaset Technologies GmbH, **YOU ARE NOT ENTITLED TO ANY DAMAGES, INCLUDING BUT NOT LIMITED TO CONSEQUENTIAL DAMAGES**, if the Product does not meet the limited warranty, and, to the maximum extent allowed by applicable law, even if any remedy fails of its essential purpose. The terms below ("Exclusion of Incidental, Consequential and Certain Other Damage") are also incorporated into this limited warranty. Some states/jurisdictions/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This limited warranty gives you specific legal rights. You may have others which vary from state/jurisdiction/province to state/jurisdiction/province.

#### 7. DISCLAIMER OF WARRANTIES

Gigaset Technologies GmbH AND ITS SUPPLIERS PROVIDE THE PRODUCT AND SUPPORT SERVICES (IF ANY) AS IS AND WITH ALL FAULTS. THE LIMITED WARRANTY IS IN LIEU OF ANY OTHER EXPRESS WARRANTIES (IF ANY) CREATED BY ANY DOCUMENTATION OR PACKAGING EXCEPT FOR THE LIMITED WARRANTY, AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW IS IN LIEU OF ANY IMPLIED OR STATUTORY WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, OF ACCURACY OR COMPLETENESS OR RESPONSES, OF RESULTS, OF WORKMANLIKE EFFORT, OF LACK OF VIRUSES AND OF LACK OF NEGLIGENCE, ALL WITH REGARD TO THE PRODUCT, AND THE PROVISION OF OR FAILURE TO PROVIDE SUPPORT SERVICES. ALSO, THERE IS NO WARRANTY OR CONDITION OF TITLE, QUIET ENJOYMENT, QUIET POSSESSION, OR CORRESPONDENCE TO DESCRIPTION OR NONINFRINGEMENT WITH REGARD TO THE PRODUCT. Some states/jurisdictions/provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above exclusions or limitations may not apply to you. If an implied warranty or condition is created by your state/province and federal or state/provincial law prohibits disclaimer of it, you also have an implied warranty

## Service (Customer Care)

or condition, BUT ONLY AS TO DEFECTS DISCOVERED DURING THE PERIOD OF THIS LIMITED WARRANTY (ONE YEAR). AS TO ANY DEFECTS DISCOVERED AFTER THE ONE YEAR PERIOD, THERE IS NO WARRANTY OR CONDITION OF ANY KIND. This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state/province to province. In no event shall Gigaset Technologies GmbH's liability exceed the cost of repairing or replacing defective Products as provided herein, and any such liabilities will terminate upon expiration of the warranty period.

Any supplements or updates to the Product or the software in the Product, including without limitation, any (if any) software fixes or upgrades or bug fixes provided to you after the expiration of the one year limited warranty period are not covered by any warranty or condition, express, implied or statutory.

## 8. EXCLUSION OF INCIDENTAL, CONSEQUENTIAL AND CERTAIN OTHER DAMAGES

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL Gigaset Technologies GmbH, SELLER OR THEIR SUPPLIERS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES WHATSOEVER (INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFITS OR CONFIDENTIAL OR OTHER INFORMATION, FOR BUSINESS INTERRUPTION, FOR PERSONAL INJURY, FOR LOSS OF PRIVACY, FOR FAILURE TO MEET ANY DUTY INCLUDING OF GOOD FAITH OR OF REASONABLE CARE, FOR NEGLIGENCE, AND FOR ANY OTHER PECUNIARY OR OTHER LOSS WHATSOEVER) ARISING OUT OF OR IN ANY WAY RELATED TO THE USE OF OR INABILITY TO USE THE PRODUCT, THE PROVISION OF OR FAILURE TO PROVIDE SUPPORT SERVICES, OR OTHERWISE UNDER OR IN CONNECTION WITH ANY PROVISION OF THIS LIMITED WARRANTY, EVEN IN THE EVENT OF THE FAULT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, BREACH OF CONTRACT OR BREACH OF WARRANTY OF Gigaset Technologies GmbH OR SELLER OR ANY SUPPLIER, AND EVEN IF Gigaset Technologies GmbH OR SELLER OR ANY SUPPLIER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. REPAIR OR REPLACEMENT, AS PROVIDED UNDER THE WARRANTY, IS YOUR SOLE AND EXCLUSIVE REMEDY FOR BREACH OF THE LIMITED WARRANTY.

## 9. LIMITATION OF LIABILITY AND REMEDIES

NOTWITHSTANDING ANY DAMAGES THAT YOU MIGHT INCUR FOR ANY REASON WHATSOEVER (INCLUDING, WITHOUT LIMITATION, ALL DAMAGES REFERENCED ABOVE AND ALL DIRECT OR GENERAL DAMAGES), THE ENTIRE LIABILITY OF Gigaset Technologies GmbH, SELLER AND ANY OF THEIR SUPPLIERS UNDER ANY PROVISION OF THIS LIMITED WARRANTY AND YOUR EXCLUSIVE REMEDY FOR ALL OF THE FOREGOING (EXCEPT FOR ANY REMEDY OF REPAIR OR REPLACEMENT ELECTED BY Gigaset Technologies GmbH OR SELLER OR SUPPLIER WITH RESPECT TO ANY BREACH OF THE LIMITED WARRANTY) SHALL BE LIMITED TO THE GREATER OF THE AMOUNT ACTUALLY PAID BY YOU FOR THE PRODUCT OR FIVE DOLLARS (\$5.00 USD/CAN). THE FOREGOING LIMITATIONS, EXCLUSIONS AND DISCLAIMERS SHALL APPLY TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, EVEN IF ANY REMEDY FAILS ITS ESSENTIAL PURPOSE.

## 10. GOVERNING LAW

If this Product was purchased in the United States of America this limited warranty will be governed by the laws of Texas, and exclude the United Nations Convention on Contracts for the International Sale of Goods. If this Product was purchased in Canada this limited warranty will be governed by the laws of the Province of Ontario and the federal laws of Canada applicable therein, and exclude the United Nations Convention on Contracts for the International Sale of Goods.

If you want to learn more about Gigaset Service or for Support on your Gigaset phone, visit our web site at [www.gigaset.com](http://www.gigaset.com) or please contact Support at [www.gigaset.com/contact](http://www.gigaset.com/contact)

Issued by

Gigaset Technologies GmbH

Frankenstraße 2, D-46395 Bocholt

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Subject to availability.

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Product attributes subject to change.

We reserve the right, to make changes without notice in equipment design and/or components.

Part Number: A31008-M2976-R301-1-3S19

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## Manufacturer's advice

### Environment

#### Environmental management system

Further information on environmentally friendly products and processes is available on the Internet at [www.gigaset.com](http://www.gigaset.com).



Gigaset Technologies GmbH is certified pursuant to the international standards ISO 14001 and ISO 9001.

**ISO 14001 (Environment):** Certified since September 2007 by TÜV SÜD Management Service GmbH.

**ISO 9001 (Quality):** Certified since 17/02/1994 by TÜV SÜD Management Service GmbH.

### Disposal

Batteries should not be disposed of in general household waste. Observe the local waste disposal regulations, details of which can be obtained from your local authority or the dealer you purchased the product from.

All electrical and electronic equipment must be disposed of separately from general household waste using the sites designated by local authorities.



The appropriate disposal and separate collection of used equipment serve to prevent potential harm to the environment and to health. They are a prerequisite for the re-use and recycling of used electrical and electronic equipment.

For further information on disposing of your used equipment, please contact your local authority, your refuse collection service or the dealer you purchased the product from.

### Care

Wipe the device with a **slightly moistened** cloth or an antistatic cloth. Do not use solvents or microfibre cloths.

**Never** use a dry cloth; this can cause static.

In rare cases, contact with chemical substances can cause changes to the device's exterior. Due to the wide variety of chemical products available on the market, it was not possible to test all substances.

Impairments in high-gloss finishes can be carefully removed using display polishes for mobile phones.

### Contact with liquid

If the device comes into contact with liquid:

- 1 **Unplug all cables from the device.**
- 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.

## Open Source Software

### General

Your Gigaset product includes Open Source software that is subject to various license conditions. With regard to Open Source software, the granting of usage rights that go beyond the operation of the product in the form supplied by Gigaset Technologies GmbH is governed by the relevant license conditions of the Open Source software.

The list of Open Source software used and the relevant licenses of this Open Source software can be found on the login page of the web configurator of the product.

As far as Gigaset is obligated by an OSS license to make available the source code of an OSS module (e.g. GPL V2, LGPL 2.1, MPL, etc.), source code, documentation and other supplementary information, can be found at [www.gigaset.com/opensource](http://www.gigaset.com/opensource)

## Technical data

### Battery

Technology:	2 x AAA NiMH
Voltage:	1.2 V
Capacity:	750 mAh

### Handset operating times/charging times

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

Standby time (hours)	320/180 *
Talktime (hours)	13
Operating time with 1.5 hours of calls per day (hours)	100/85 *
Charging time in charging cradle (hours)	8.5

\* With the **No Radiation** function disabled / with the **No Radiation** function enabled, with no display lighting when the phone is idle and during a call

### Power consumption of the handset in the charging cradle

When charging:	approx. 1.50 W
To maintain the charge status:	approx. 0.50 W

### General specifications

Radio Technology	DECT6.0
No. of channels	60 duplex channels
Radio frequency range	1920-1930 MHz
Duplex mode	Time division multiplexing, 10 ms frame length
Repetition frequency of the transmission pulse	100 Hz
Duration of the transmission pulse	370 µs
Channel grid	1728 kHz
Bit rate	1152 kbit/s
Modulation	GFSK
Speech Codec	32 kbit/s
Transmission power	5 mW average power per channel, 120 mW pulse power
Range	Up to 30 m indoors, up to 200 m outdoors
Base station power supply	115V ~/60 Hz
Environmental conditions for operation	41°F to 113°F (+5 °C to +45 °C); 20% to 75% relative humidity
Dialling mode	DTMF (tone dialling)

## Accessories

### Bluetooth

Radio frequency range	2402-2480 MHz
Transmission power	4 mW pulse power

### Power adapter for the handset

Manufacturer	Salom Electric (Xiamen) Co. Ltd. Commercial registration number: 91350200612003878C 31 Building, Huli Industrial District, Xiamen, Fujian 361006, P.R. China
Model identifier	C708
Input voltage	100-240 V
Input AC frequency	60 Hz
Output voltage	5.2 V
Output current	0.15 A
Output power	0.6 W
Average active efficiency	> 46%
No-load power consumption	< 0.10 W

## Character charts

The character set used on the handset is dependent on the language set.

### 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	i	4	ÿ	í	í	ì	î	í
5	j	k	l	5						
6	m	n	o	6	ö	ñ	ó	ò	ô	ö
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	„ <sup>1)</sup>	.	,	?	!	↔ <sup>2)</sup>	0			

1) Space

2) Line break

## Accessories

Name	Item number
Professional belt clip S:	S30852-Z2974-R142

## 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 (No Radiation off) 1% -100%
	white, if Maximum Range on; green, if Maximum Range off
	Red: no connection to the base station
	No Radiation activated: white, if Maximum Range on; green, if Maximum Range off
	Profile Silent activated (Ringtone switched off)
	"Beep" ringtone activated
	Keypad lock activated
	Bluetooth enabled

Icon	Meaning
	Headset / hearing aid connected via Bluetooth
	Data device connected via Bluetooth
	"Do not disturb" enabled
	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
	Open the directory

Icon	Meaning
	Copy number to the directory

## Display icons

## Display icons to indicate ...

Icon	Meaning
	External call
	Internal call
	Establishing a call (outgoing call)
	Connection established
	No connection established/ connection terminated

Icon	Meaning
	Reminder for appointment
	Reminder for anniversary
	Alarm call
	Countdown timer

## Other display icons

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

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

## Menu overview



Not all functions described in the user guide are available in all countries or from all network providers.

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



### Select Services

Nxt Call Anonymous	.....	→ p. 24
Call Forwarding	.....	→ p. 24
Call Waiting	.....	→ p. 25
Do Not Disturb	.....	→ p. 25
Ringback Off	.....	→ p. 25



### Info Centre

Company-specific functions can be provided by Gigaset N870 IP PRO.



### Additional Features

LED Torch	.....	→ p. 16
1 Touch	.....	→ p. 20
Resource Directory	.....	→ p. 46
Screensavers	.....	→ p. 46
Caller Pictures	.....	→ p. 46
Sounds	.....	→ p. 46
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### Call Lists

All Calls	.....	→ p. 26
Outgoing Calls	.....	→ p. 26
Accepted Calls	.....	→ p. 26
Missed Calls	.....	→ p. 26



### Voice Mail

Play Messages	.....	→ p. 36
Network Mailbox	.....	→ p. 36



### Organizer

Calendar	.....	→ p. 40
Timer	.....	→ p. 42
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### Contacts

Directory	.....	→ p. 29
Network Directory	.....	→ p. 29
Bluetooth Directory	.....	→ p. 32

When a device with enabled directory is coupled via Bluetooth

## Menu overview

Settings																													
Date/Time	Is set centrally. Manual settings on the handset are ignored.																												
Audio Settings	<table> <tr><td>Handset Volume</td><td>→ p. 54</td></tr> <tr><td>Smart Volume</td><td>→ p. 54</td></tr> <tr><td>Mic Sensitivity</td><td>→ p. 55</td></tr> <tr><td>Acoustic Profiles</td><td>→ p. 55</td></tr> <tr><td>Advisory Tones</td><td>→ p. 56</td></tr> <tr><td>Do Not Disturb</td><td>→ p. 45</td></tr> <tr><td>Silent Alert</td><td>→ p. 56</td></tr> <tr><td>Ringtones (H/Set)</td><td> <table> <tr><td>Volume</td><td>→ p. 55</td></tr> <tr><td>Melodies</td><td>→ p. 56</td></tr> <tr><td>Time Control</td><td>→ p. 44</td></tr> <tr><td>Anon. Calls Silent</td><td>→ p. 44</td></tr> <tr><td>Silent Charging</td><td>→ p. 44</td></tr> </table> </td></tr> <tr><td>Corded Hdst Boost</td><td>→ p. 55</td></tr> </table>	Handset Volume	→ p. 54	Smart Volume	→ p. 54	Mic Sensitivity	→ p. 55	Acoustic Profiles	→ p. 55	Advisory Tones	→ p. 56	Do Not Disturb	→ p. 45	Silent Alert	→ p. 56	Ringtones (H/Set)	<table> <tr><td>Volume</td><td>→ p. 55</td></tr> <tr><td>Melodies</td><td>→ p. 56</td></tr> <tr><td>Time Control</td><td>→ p. 44</td></tr> <tr><td>Anon. Calls Silent</td><td>→ p. 44</td></tr> <tr><td>Silent Charging</td><td>→ p. 44</td></tr> </table>	Volume	→ p. 55	Melodies	→ p. 56	Time Control	→ p. 44	Anon. Calls Silent	→ p. 44	Silent Charging	→ p. 44	Corded Hdst Boost	→ p. 55
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Display + Keypad	<table> <tr><td>Screensaver</td><td>→ p. 52</td></tr> <tr><td>Large Font</td><td>→ p. 53</td></tr> <tr><td>Color Schemes</td><td>→ p. 53</td></tr> <tr><td>Display Backlight</td><td>→ p. 53</td></tr> <tr><td>Feature Key</td><td>→ p. 37</td></tr> <tr><td>Key Illumination</td><td>→ p. 54</td></tr> <tr><td>Auto Keypadlock</td><td>→ p. 54</td></tr> </table>	Screensaver	→ p. 52	Large Font	→ p. 53	Color Schemes	→ p. 53	Display Backlight	→ p. 53	Feature Key	→ p. 37	Key Illumination	→ p. 54	Auto Keypadlock	→ p. 54														
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Select Base	→ p. 11																												
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