

Gigaset

R700H protect PRO US

N870 IP PRO DECT Multicell System

Detailed information about your product: → wiki.gigaset.com

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Innovation, Science and Economic Development Canada - Certification

FCC / ACTA Information

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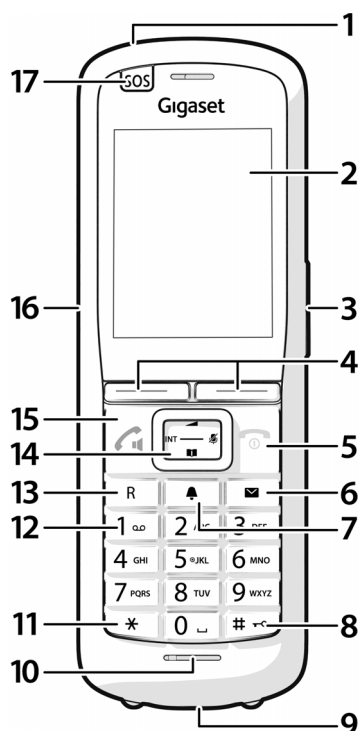
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Not all functions described in the user guide are available in all countries or from all network providers.

Overview

Handset



- 1 **Torch (spot LED)/visual call signal**
flashes in the event of an alarm
- 2 **Display**
- 3 **Volume keys**
for receiver/headset, ringtone, handsfree mode and appointment reminders
- 4 **Display keys**
various functions, depending on the operating situation
- 5 **End call key, on/off key**
End call; cancel function;
Back one menu level ▶ **tap**
to idle status ▶ **press and hold**
Switching the handset on/
off ▶ **press and hold**

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- 6 **Message key**
Access to the call and message lists
flashes red: new message or new call
flashes green: Monitoring by alarm server active
- 7 **Profile key**
Switch between sound profiles
- 8 **Hash key**
Switch keypad lock on/off ▶ **press and hold**
(in idle status)
Toggle between upper/
lower case and digits (for
text entry) ▶ **tap**
- 9 **USB connection**
for data exchange between the handset and PC
- 10 **Microphone**
- 11 **Star key**
Open special characters
table (when entering text) ▶ **tap**
Switch from pulse dialling to
tone dialling (for the existing
connection) ▶ **tap**
- 12 **Key 1**
Dial AB network ▶ **press and hold**
- 13 **Recall key**
Consultation call (flash) ▶ **tap**
Enter dialling pause ▶ **press and hold**
- 14 **Control key/menu key**
Open menu; navigate in menus and entry fields;
access functions (depending on the operating
situation)
- 15 **Talk key/handsfree key**
Accept call; dial displayed number; switch
between receiver and handsfree mode
Open redial list ▶ **tap**
Start dialling ▶ **press and hold**
- 16 **Headset connection**
(3.5 mm jack)
- 17 **Alarm key**

Base

Your handset is registered to a multi-cell system that can include multiple base stations. If you move your handset within the range of the multi-cell system, the handset automatically connects to the base station to which it has the best connection (roaming). You can also move freely during a call without interrupting the connection (handover).

Information on commissioning and administering the base station and on registering the handset with the multi-cell system:

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

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 wiki.gigaset.com. 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 → wiki.gigaset.com). 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 charging cradle is spraywater-protected. For this reason, do not install them in wet rooms, such as bathrooms or shower rooms.
	Use only the power adapter indicated on the device.
	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.
	Do not hold the rear of the handset to your ear when it is ringing or when speaker mode is activated. Otherwise you risk serious and permanent damage to your hearing. The phone may cause interference in analogue hearing aids (humming or whistling) or cause them to overload. If you require assistance, please contact the hearing aid supplier.

	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.
	To prevent loss of hearing, avoid listening at high volume over long periods of time.
	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").
	Only shielded cables should be used to connect the telephone to the local network.



If a USB adapter cable is included in the delivery, only use a USB power supply (5 Volt) with USB-A connector. Damage can result by using other voltage sources (such as a PC with USB connector).

If a power adapter is included in the delivery, please use this mains unit.

Getting started

Package contents

- one handset, one battery cover, two batteries, one belt clip
- one charging cradle with power adapter
- two rubber covers for the headset socket
- two rubber covers 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.

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

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

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

Setting up the handset for use

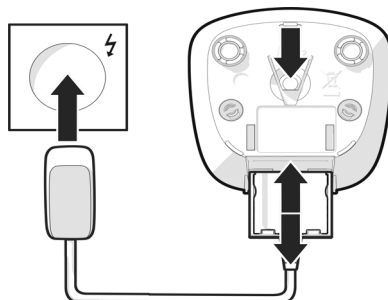
The display is protected by a plastic film. ► **Remove protective film!**

Connecting the charging cradle

- Connect the flat plug of the power adapter.
- Plug the power adapter into the power socket.

To remove the plug from the charging cradle again:

- Disconnect the power adapter from the mains power supply.
- Press the release button.
- Remove the flat plug.



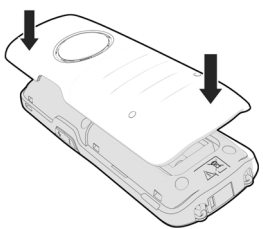
Setting up the handset for use

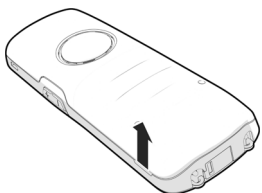
Inserting the batteries



Only use **rechargeable batteries** otherwise major health risks and injury may result. For example, the outer casing of the batteries could be damaged beyond repair 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).

▶ Fit the battery cover from the top.

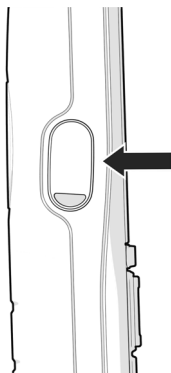
▶ Press the cover until it clicks into place.

Re-open the battery cover:

▶ Insert a fingernail into the notch at the bottom of the cover and slide it upwards to remove.

Cover headset connection

- ▶ Insert the rubber cover tab for the headset connection into the opening on the left-hand side of the handset.
- ▶ Press the cap of the rubber cover.



Charging the batteries

- Charge the batteries fully prior to first use in the charging cradle.

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



Batteries can heat up during the charge process. This is not dangerous.

Over time, the charging capacity of the batteries 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.

Setting the display language

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

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

Registering the handset

Register the handset to a base/router.



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

On the Gigaset N870 IP PRO

- Start registration procedure

Show information:

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

or: Please contact the administrator of the DECT network.

On the handset

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

If the handset is not already registered to a base station:

- Register ... a search is carried out for a base that is ready for registration ►  enter system PIN ► **OK**

Register the handset: ► **Register Handset** ► **OK** ... a search is carried out for a base that is ready for registration ►  enter the system PIN if required (default setting for Gigaset bases: 0000) ► **OK**

Setting up the handset for use

If the handset is already registered to a base station:

- ▶  ▶ **Settings** ▶ **OK** ▶ **Registration** ▶ **OK** ▶ **Register Handset** ▶ **OK** ... a search is carried out for a base that is ready for registration ▶  enter system PIN ▶ **OK**

Once registration is complete, the handset returns to idle status. The idle display shows the name set for the handset (username of display name) on the Gigaset N870 IP PRO. If not, repeat the procedure.

Your telephone is now ready to use.



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

- ▶  ▶ **Settings** ▶ **OK** ▶ **Registration** ▶ **OK** ▶ **Select Base** ▶ **OK** ▶  Select base ▶ **OK**



Some Gigaset bases or third-party bases/routers may not be fully compatible with the handset and not all functions will be displayed correctly. In this case, use the menu option **Basic Registration**. This guarantees correct displays on the handset, but can restrict some functions.

Data protection notice

When the device is connected to the router, it will automatically contact the Gigaset Support Server. It will send the following device-specific information once per day:

- Serial number / item number
- MAC address
- Private IP address for the Gigaset in the LAN, its port numbers
- Device name
- Software version

On the support server, this information is linked to the existing device-specific information:

- system-related/device-specific passwords

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 thumb ▶ push the nail of your left thumb up between the clip and the casing ▶ remove the clip upwards

Professional belt clip (accessories)

Attaching the belt clip:

- ▶ Press the holder onto the back of the handset so that the tabs click into place in the notches.
- ▶ Fasten the belt clip on the belt.
- ▶ Insert the handset with holder into the belt clip and slide it downwards.

Remove belt clip:

- ▶ Slide the handset upwards and unhook it from the belt clip.

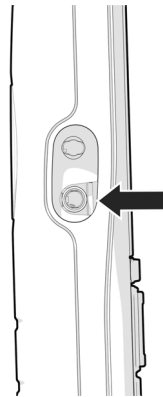
Connecting the headset

- ▶ Remove the cover from the headset connection.
- ▶ Use the 3.5 mm jack to connect the headset to the left-hand side of the handset.

or

- ▶ connect headset via Bluetooth.

The headset volume corresponds to the setting for the receiver volume.



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.



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

If you do not wish to connect a USB cable, please insert the rubber cover supplied to guarantee the unit is splashproof.

- ▶ Insert the tab of the rubber cover on the left-hand side of the opening.
- ▶ Press the cap of the rubber cover.

Using the telephone

Getting to know your telephone

Switching the handset on/off

Switching on: ▶ when the handset is switched off, press and **hold** the end call key 

Switching off: ▶ when the handset is in idle status, press and **hold** the end call key 

If you place a switched-off handset in the base or charging cradle, it switches itself on automatically.

Locking/unlocking the keypad

The keypad lock prevents any accidental use of the phone.

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

Keypad lock activated: The  icon is shown on the display



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

You can define emergency numbers that can be dialled even when the keypad lock is PIN-protected: → "Emergency numbers" chapter

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 is marked with an arrow (up, down, left, right) that must be pressed in the different operating situations, e.g.  For "press right on the control key":  means "press the middle of the control key".

In idle status

Open the main menu: ▶ Press  or 

In idle status and during a call

Open the list of available online directories (e.g. the central direc- ▶  **tap**

Open company directory:

This function must be activated on the Gigaset N870 IP PRO. ▶ Press 

Adjust the loudspeaker volume for receiver and handsfree mode ▶ Press 

Set microphone sensitivity: ▶  press and **hold**

During a call

Mute microphone:



In submenus, selection and entry fields

Confirm function/selection:



Depending on base: The assignment of directories to the  key (**long** or **short** press) can be changed.

Volume keys

Set volume for receiver/headset, ringtone, handsfree mode and indicating appointments:

- ▶ Press the volume keys  /  on the right of the handset

Using the alarm function

The function key is used to manually start an alarm.

In idle status or when the screensaver is activated:

- ▶ press function key ... an alarm is triggered.

Emergency Key Trigger an action, e.g. alarm, flashing of the LEDs, calling a specific number.

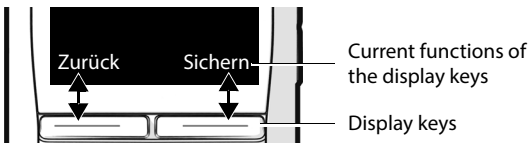
Shorter and longer pressing of the alarm key can cause different functions to be triggered.

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 on the alarm system (AML): → wiki.gigaset.com.

Display keys

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



- ▶ Press display key ... function shown on display above is opened.

Getting to know your telephone

Torch

You can use your telephone as a torch. The spot LED is located on the top of the handset.



How to make an assignment to the display key is explained here:

→ Changing the assignment of the display keys.

Switch on the torch function

▶ Press display key **LED flashlight**.

or

▶ ▶ **Additional Features** ▶ **OK** ▶ **LED flashlight** ▶ **OK**

Switch off the torch function

▶ Press display key **Off**

or: after 2 minutes, the function is automatically switched off.

Menu navigation

The functions of your phone are displayed in a menu comprising multiple levels.

→ see menu overview

Open the main menu:

▶ In idle status, press the control key in the middle

To open a submenu:

▶ Select submenu with ▶ confirm with **OK**

Go back one menu level:

▶ Press the display key **Back**
or: ▶ Press the end call key briefly

Select entry/function:

▶ Press the display key **OK**
or: ▶ press control key

Switch on/off function:

▶ Press the display key **Change**
(= activated / = deactivated)

Activate/deactivate option:

▶ Press display key **Select**
(= selected / = not selected)

Changing to idle status:

▶ Press and **hold** the end call key



The display automatically returns to idle status after two minutes of inactivity.

Entering text

To enter text in a text field, multiple letters and numbers are assigned to each key between  and  and the  key. When a key is pressed, the possible characters are shown at the bottom of the display. The selected character is highlighted.

Select letters/numbers:

- ▶ **tap** the key multiple times in succession

Switch between lower case, upper case and digit entry mode:

- ▶ press the hash key 

When editing a directory entry, the first letter and each letter following a space are automatically in upper case.

Enter special characters:

- ▶ press the star key  ▶  to navigate to the required character ▶ **Insert**

Change input position:

- ▶ use  to move the position of the cursor

Delete characters in front of the cursor:

- ▶  tap

Making/receiving calls

Making/receiving calls

The Gigaset N870 IP PRO base stations together with the DECT radio network of the telephone system. You can initiate or receive calls with your handset throughout the wireless network and change the base stations during a call (handover).



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

A send and receive connection is assigned to the handset.

If the Gigaset N870 IP PRO is connected to a telephone system that allows groups to be formed, telephone connections can also be assigned to groups. In this case, you will also receive calls on your handset that are directed to the number of your group.

For telephony, the Gigaset N870 IP PRO uses a VoIP telephone system or the services of a VoIP provider. The availability of some telephone functions depends on whether they are supported by the PABX or the provider and are activated. You may receive a description of the features from your telephone system operator.



Depending on the specifications of your telephone system, you must dial a prefix code for calls that are outside the area of your VoIP telephone system.

When making landline calls, you may also need to dial the area code for local calls (depending on the telephone system/provider). This is not necessary if the prefix is entered in the telephone configuration.

Making calls

►  Enter number ► **tap** talk key 

or

► press and **hold** the talk key  ►  enter number

The connection is established via the SIP connection assigned to the handset.

Cancel dialling: ► press the end call key 



If the display backlight is switched off, you can switch it back on by pressing any key. **Number keys** that are pressed appear on the display for pre-dialling, **other keys** have no further function.

Dialling from the redial list

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

►  **Tap** the talk key ... the redial list is opened ►  select entry ► press talk key 

If a name is displayed:

► **View** ... the number is displayed ► if necessary, scroll through numbers ► against the required number, press the talk key 

Managing entries in the redial list

- ▶ Tap the talk key  ... the redial list is opened ▶ select entry ▶ **Options** ... possible options:
 - Copy an entry to the directory ▶ **Copy to Directory** ▶ OK
 - Copy the number to the display: ▶ **Display Number** ▶ OK ▶ if necessary, use  to change or add ▶  save as a new entry in the directory
 - 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).
 - participant answers: ▶ press the talk key  ... the function is ended
 - The participant does not answer: The call is interrupted after around 30 seconds. The function is terminated after pressing any key or after ten unsuccessful attempts.

Selecting from a call list

There are call lists for outgoing, accepted or missed calls.

- ▶  ▶ **Call Lists** ▶ OK ▶  Select call list ▶ OK ▶  Select entry ▶ Press talk key 



The list of new missed calls can also be opened by pressing the message key .

Initiating a callback

If the line of a called subscriber is busy, you can initiate a ringback if the telephone system or the provider supports the CCBS and CCNR services.

- | | |
|--|------------------------------------|
| CCBS (Completion of Call to Busy Subscriber) | Callback when busy |
| CCNR (Completion of Calls on No Reply) | Callback when call is not answered |

The service code for activating/deactivating CCBS or CCNR must be configured in the provider settings.

Activate callback:

- ▶ Enter the service code set for the phone system/provider, e.g.  

If you do not wish to be called back, you can switch off the function again:

- ▶ Enter the service code set for the phone system/provider, e.g.  

Calling with multiple participants

Consultation call

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

- ▶ **Ext. Call** ▶  Enter the number of the second participant ... the current call is placed on hold and the second participant is called

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

End consultation call

- ▶ **Options** ▶ **End Active Call** ▶ **OK** ... the connection with the first caller is reactivated
- or
- ▶ press the end call key  ... the first participant is called again

Call swapping

Talk to two callers one at a time (call swap). The other call is placed on hold.

- ▶ During an external call, call a second participant (consultation call) or accept a waiting call ... the numbers or names of both call participants are shown on the display

To switch between the participants: ▶ Press the control key 

Ending a currently active call

- ▶ **Options** ▶ **End Active Call** ▶ **OK** ... the active call is ended, the call on hold is activated
- or:
- ▶ Press the end call  key ... the first participant is called back

Conference

Conducting a call with two participants simultaneously.

- ▶ During an external call, dial a second participant (consultation call) or accept a waiting call ...

Start conference call:

- ▶ **Conf.** ... all callers can hear one another and speak to one another

Switch back to call swapping:

- ▶ **End Conf.** ... You will be reconnected to the participant with whom the conference call was started

End call with both participants:

- ▶ Press the end call key 

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

Transferring a call to another participant

Transferring (connecting) a call to another participant.

- ▶ Start using the display key **Ext. Call** an external consultation call ▶ enter call number of the second participant ... the **active** call is put on hold ... the second participant is called ▶ press end call key  (during a call or before the second participant has responded) ... the call is forwarded to another participant



The options for putting through calls must be set up correctly for the telephone system.

During a call

Handsfree mode

During a call, when establishing a connection and when listening to the mailbox (only for a system with a local mailbox), you can switch handsfree mode on/off.

- ▶ Press handsfree key 

Placing the handset in the charging cradle during a call:

- ▶ Press and hold the handsfree key  ▶ place the handset into the charging cradle ▶ press and hold the handsfree key  for a further 2 seconds

Changing the volume

Applies to the current mode being used (handsfree, receiver or headset, if available):

- ▶  press ▶  adjust volume ▶ **Save**



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

Muting

Switching off the phone receiver microphone, handsfree device and headset. The other party to the call no longer hears what is being said.

Switching the microphone on/off during a call: ▶ Press 

or: ▶ **tap** the profile key 

Set microphone sensitivity

You can adjust the sensitivity of the microphone via the receiver or wired headset during a call. These settings allow you to set up better acoustics in noisy or echoing environments.

- ▶  Press and **hold** ▶ use  to set the required sensitivity ▶ **Save**



A change without saving only applies to the current call.

Permanently set microphone sensitivity in idle status:

- ▶  Press and **hold** ▶  select **Earpiece** or **Corded headset** ▶ use  to set required sensitivity ▶ **Save**

or

- ▶  ▶ **Settings** ▶ **OK** ▶ **Audio Settings** ▶ **OK** ▶ **Mic Sensitivity** ▶ **OK** ▶  select **Earpiece** or **Corded headset** ▶ use  to set the required sensitivity ▶ **Save**

Set acoustics profile for a loud environment:

- ▶ Press and  **hold** profile key ▶ use  to set the required sensitivity ▶ **Save**

Network services

Network services depend on the telephone system or the network provider.



To switch the features on/off, a code is sent to the telephone network.

Calling line identification

By default, the number is transferred when an outgoing call is made and can be displayed on the recipient's display (CLIP = CLI presentation). When the number is withheld, it is not shown to the recipient. The call is made anonymously.

- ▶  ▶ **Select Services** ▶ **OK** ▶ **Next Call anon.** ▶ **OK** ▶ use  enter number ▶ **Dial Number** ... the connection is established without calling line identification

Set up call forwarding

When diverting a call, incoming calls are forwarded to another connection.

- ▶  ▶ **Select Services** ▶ **OK** ▶  select connection ▶ **OK** ▶ **Call Forward** ▶ **OK** ▶  select when call divert is to apply ▶ **OK**

- | | |
|------------------|--|
| All Calls | Calls are diverted immediately. |
| No Answer | Calls are diverted if no one accepts the call within several rings. |
| When busy | Calls are diverted if the line is busy. |
| Status | ▶  select On or Off |

Making/receiving calls

- Send SMS to** ▶  Enter the number
Activate: ▶ **Send**

Call waiting

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

- Reject waiting caller:** ▶ **Reject** ... the waiting caller hears the busy tone.
Accept call: ▶ **Accept**

Once you have accepted the waiting call, you can switch between the two callers (call swap) or speak to both at the same time (conference).

Permitting/preventing call waiting

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

Not putting through a call

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

- ▶  ▶ **Select Services** ▶ **OK** ▶ **Do Not Disturb** ▶ **OK**
Switch on/off: ▶ **Status:**  select **On** or **Off**
Activate: ▶ **Send**

Cancelling callback

If you have initiated a callback, you can delete it before the other party calls back.

- ▶  ▶ **Select Services** ▶ **OK** ▶ **Ringback off** ▶ **OK** ... You receive a confirmation from the telephone network ▶ press end call key 



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

If the callback is indicated before you are able to cancel it: ▶ Press the end call key 

Call and message lists

Call lists

The phone saves different types of calls (missed, accepted and outgoing calls) in lists. If the call list is full, a new entry overwrites the oldest.



For the number of missed and answered calls to be displayed in the call lists, the corresponding option on the Gigaset N870 IP PRO must be activated.

Editing a call list on the handset

Information about the calls

- Icon for the type of entry:



missed calls



accepted calls



outgoing calls (redial list, different for each handset)

- Name and number type of the caller if the number is stored in the directory
- Number of the caller or of the caller or called party if the number is not stored in the directory
- Line over which the call was conducted
- Time and date of the call (if set)

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:

► Press the display key **Calls** ► select list ► **OK**

Via the menu:

► ► **Call Lists** ► **OK** ► select list ► **OK**

Via the message key (missed calls):

► Press message key ► **Missed Calls** ► **OK**

Calling back a caller from the call list

► ► **Call Lists** ► **OK** ► Select list ► **OK** ► select entry ► press talk key

Edit call list

►  ► Call Lists ► OK ►  Select list ► OK ... possible options:

- | | |
|----------------------------|--------------------------|
| View entry: | ► View |
| Copy number to directory: | ► Copy to Directory ► OK |
| Copy number to black list: | ► Copy to Blocklist ► OK |
| Delete an entry: | ► Delete Entry ► OK |
| Delete list: | ► Delete List ► OK |

Message lists

Notifications of missed calls, messages in the network mailbox and missed alarms are saved in the message lists and can be saved on the handset display.

Which notifications are displayed on the handset if set on the Gigaset N870 IP PRO when configuring the handset.

Counter for missed calls: If the option is activated, the number of missed calls are shown on the handset display in idle status.

Message display (MWI): For each message type (missed call, missed appointment, new message on the network mailbox), the message display is activated and deactivated on the Gigaset N870 IP PRO. If the option is activated, the LED on the message key , flashes when a **new notification** arrives for an activated message type.

Icons for message types and the number of new messages are shown in idle status.

Notifications are available for the following message types:



in the network mailbox



in the list of missed calls



in the SMS message list



in the list of missed appointments



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

Displaying messages:

- Press the message key  ... message lists that contain messages are displayed; **Net AM** is always displayed
Entry marked in **bold**: new message present. The number of new messages is shown in brackets.
Entry is **not bold**: no new messages. The number of old messages is shown in brackets.
-  Select list ► OK ... the calls or messages are listed
network mailbox: The network mailbox number is dialled.



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

Directories

The following directories are available:

- The (local) handset directory
- Company directories accessed via a server
- Online directories accessed via public providers

The local directory is always available. Which other directories are available is set on the Gigaset N870 IP PRO.

Opening directories

Opening directories using the control key

- ▶ Press the control key 

The control key  is assigned as follows:

- **Tap** to open the selection of the available online directories
- Press and **hold** to open the local directory

This assignment can be changed individually on the Gigaset N870 IP PRO for each handset.

Direct access (press briefly) can be assigned to a specific online directory. In this case, open the local directory by pressing and holding the control key .

Opening directories via the menu

Local directory:

- ▶  ▶ **Directory** ▶ OK

List of all online directories set up on the telephone system:

- ▶  ▶ **Network Directory** ▶ OK

The directories are displayed with the designations specified on the Gigaset N870 IP PRO.

Open the company directory using the INT key

A company directory is available if this has been set up on the Gigaset N870 IP PRO and if the telephone system has access to this company directory. For each handset, the directory opened using the INT key  can be set separately.

- ▶ Press the control key 



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

Displaying/changing an entry

- Press control key  ►  select entry ► **View** ►  select field to be changed ► **Edit**
- or
- press control key  ►  select entry ► **Options** ► **Edit Entry** ► **OK**

Delete an entry

- Deleting an entry: ► press control key  ►  select entry ► **Options** ► **Delete Entry** ► **OK**
- Delete all entries: ► press control key  ► **Options** ► **Delete List** ► **OK** ► **Yes**

Setting the order of the directory entries

Directory entries can be sorted by first name or surname.

- Press control key  ► **Options** ► use  to switch between **Sort by Last Name** and **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 sorting order is as follows:

Space | Digits (0-9) | Letters (alphabetical) | Other characters

Displaying the number of entries available in the directory

- Press control key  ► **Options** ► **Capacity** ► **OK**

Copy number to directory

You can add 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 display key  or **Options** ► **Copy to Directory** ► **OK** ... possible options:
- Create new entry: ► **<New entry>** ► **OK** ►  select number type ► complete entry ► **Save**
- Add number to an existing entry: ►  select entry ► **OK** ►  select number type ► **OK** ... the number is entered or a query to overwrite an existing number is displayed ► if necessary, respond to prompt with **Yes** or **No** ► **Save**

Copying a vCard using Bluetooth

You can also transfer the directory entries in vCard format via Bluetooth, e.g. to exchange entries with a mobile phone.



The other handset or mobile phone has Bluetooth capability.
Bluetooth mode is activated.

- ▶ Press control key ▶ select entry if necessary ▶ **Options** ▶ **Copy Entry / Copy All** ▶ **vCard via Bluetooth** ... the list **Known Devices** is displayed ▶ select device ▶ **OK**

Receiving a vCard using Bluetooth

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

If the sending device is not in the list: ▶ enter PIN of the **sending** Bluetooth device ▶ **OK** ... the transferred vCard will be available as a directory entry

Transferring contacts from other Bluetooth devices

You can use the contacts of devices that are connected via Bluetooth, such as smartphones.



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

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



The remote directory is only opened for viewing. It is not possible to change or delete entries.

- ▶ ▶ **Contacts** ... the list of available directories is displayed ▶ **Bluetooth Directory** ▶ **OK** ... trusted devices with approved contacts are displayed ▶ select required device ... possible options:

Search contact: ▶ scroll through the list or enter with initial letters

See the details: ▶ select entry ▶ **View**

dial a number: ▶ select entry ▶ press talk key

or: ▶ **Options** ▶ **Display Number** ▶ **OK**

▶ select the number if necessary ▶ **OK**

Transfer contact: ▶ select entry ▶ **Options** ▶ **Copy Entry** ▶ select the target directory if necessary ▶ **OK**

Transfer another contact: ▶ **Yes**

End a transfer: ▶ **No**

Transfer all contacts: ▶ **Options** ▶ **Copy All** ▶ select target directory if necessary ▶ **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 will be available on the handset with the following functions:

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

When a number is entered or a call is received, the directory is automatically searched for an entry that matches the number. If an entry is found, the name is displayed instead of the number.

Show company directory on the display

The company directory is assigned to the INT key: ▶ Press the control key



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

Directory entries

The description below is an example for displaying a company directory on the handset.

The menu shows all directories that are set up and activated on the Gigaset N870 IP PRO with the assigned name in question.

▶ Select directory ▶ OK

The directory performs a query on the LDAP server.

The directory is displayed according to the following rules:

- The search begins in the directory/sub-directory defined on the LDAP server as a search basis.
- The entries are given in alphabetical order.
- The entries are displayed with **Last Name** and **First Name** if both attributes are available in the LDAP database.
Otherwise only the last name or first name is displayed.

Directory searching

- ▶ Use  to scroll through the directory

or

- ▶ use  to enter the name or initial letter



When you press a key on the keyboard, the telephone switches to search mode. You can enter up to 15 characters. All entries in the directory that match your entry are shown.

- ▶ Delete the last entered character using 

The current search term is displayed on the top line.

Displaying a directory entry

- ▶ Use  to select the required entry

- ▶ **View** or press the menu key 

or

- ▶ **Options ▶ View**

The directory is displayed with detailed information.

- ▶  Scroll through entry

Close entry: ▶ **Back** Press or end call key 

Dialling a number from the directory

- ▶ Use  to select the required entry

- ▶ Press the talk key  ... If only one number is stored, this will be dialled. If there are multiple numbers, these are displayed in a selection list.

or

- ▶ Use  to select the required number from the detailed view of the entry: **Phone (home)**, **Phone (mobile)** or **Phone (office)**

- ▶ press the talk key  ... the number is dialled

Mailbox

The mailbox accepts incoming calls for the handset.

Requirements

The following settings are required for you to be able to receive and listen to voice messages:

On the PABX

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

On the Gigaset N870 IP PRO

- ▶ In the PABX configuration, the system is logged on to receive notifications of new messages in the network mailbox.

On the handset

- ▶ The number is entered in the handset configuration and the network mailbox is activated.

Please contact the administrator of the DECT network if necessary.

Enter/change number on the handset

- ▶  ▶ Answering machine ▶ OK ▶ Network Mailbox ▶ OK ▶  Enter or change number of the network mailbox ▶ Save

Play messages on the handset

- ▶ Press and **hold** the  key

or

- ▶ Press the message key  ▶ OK

or

- ▶  ▶ Answering machine ▶ OK ▶ Play Messages ▶ OK

Listen to announcement via loudspeaker: ▶ press the handsfree key 

Response Time	The administrator can configure the response time that the handset allows as a margin before an automatic alarm is triggered.
Pre-Alarm	The administrator can configure pre-alarms that announce an automatic alarm. In the event of an incorrect pre-alarm, the handset user can cancel the automatic alarm.
Alarmierung	The administrator can configure the type of signalling (melody / vibration / silent alarm).
Technical Warning	The administrator can configure how the handset behaves in the event of a technical malfunction (low battery level, distance from the base too great, no connection to the alarm server) and which signalling is used in the event of a technical malfunction.
Sensors test	The administrator can adjust the sensors used to detect an alarm situation.
Reset to defaults	The administrator can reset the configuration of the alarm function on the handset to the default settings.
Service PIN	The administrator can set the service pin that opens the menu Alarm Configuration so that changes can be made to the configuration.

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 **Profile Do Not Disturb** to prevent the handset signalling an incoming call.

- ▶ Press the profile key  ... the set profile is displayed
- ▶ Use the profile key  to switch between the profiles

or

- ▶ select with profile ▶ OK

Set microphone sensitivity for a loud environment:

- ▶ Press and  hold profile key

"Do not disturb" profile

- ▶ Set with the profile key 

or

- ▶  ▶ Settings ▶ OK ▶ Audio Settings ▶ OK ▶ Do Not Disturb ▶ Edit  = activated
- The sleep screen 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 notifications are blocked. Exceptions: Appointments, alarm clock and anniversaries.



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

Calendar

Sound profiles

The profiles are set as follows by default:

Default setting		Profile Loud	Profile Silent	Profile Personal
Vibration alarm		On	Like Profile Personal	Off
Ringtone		On	Off	On
Ringtone volume	internal	5	Off	5
	external	5	Off	5
Handset volume	Receiver	5	3	3
	Handsfree mode	5	3	3
Spot LED for a call		Yes	No	No
Advisory tones	Key click	Yes	No	Yes
	Battery tone	Yes	Yes	Yes
	Confirmation tone	Yes	No	Yes

Activate alert tone for quiet profile on an incoming call:

- ▶ after switching to **Profile Silent** press the display key **Beep** ... appears on the status bar 



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

Changes to the settings listed in the table

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

Calendar

The calendar displays the day of a month. You can remind yourself of up to **30 appointments**. Set the calendar for each handset.

You can assign the **Calendar** function to a display key.

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 the desired day ▶ **OK** ▶ switch between the entry fields with 

- Switch on/off: ▶ **Activation:**  Select **On** or **Off**
- Enter date: ▶ **Date** ... the selected day is preset ▶  enter new date
- Enter time: ▶ **Time** ▶  Enter hours and minutes of the appointment
- Set name: ▶ **Text** ▶  enter a name for the appointment (e.g. dinner, meeting)
- Set alarm tone: ▶ **Signal** ▶  select the melody for the reminder call or deactivate acoustic signalling
- Save appointment: ▶ **Save**



If an appointment has already been entered: ▶  <New entry> ▶ **OK** ▶ Enter data for the appointment

Notification of appointments/anniversaries

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

Acknowledge and end the reminder call: ▶ Press display key **Off**



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

Displaying missed (unacknowledged) 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 signalled during a phone call.
- The handset was deactivated at the time of the appointment/anniversary.

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

Opening the list

- ▶ Press the message key  ▶  **Missed Appts** ▶ **OK** ▶  scroll through the list if needed

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 saved appointments

- ▶  ▶ **Organizer** ▶ **OK** ▶  **Calendar** ▶ **OK** ▶  **Select day** ▶ **OK** ... the appointment list is displayed ▶  **Select appointment** ... possible options:
 - Display appointment details: ▶ **View** ... the settings for the appointment 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 Appts.** ▶ **OK** ▶ **Yes**

Timer

Setting a timer (countdown)

- ▶  ▶ **Organizer** ▶ **OK** ▶ **Time** ▶ **OK**
 - Switch on/off: ▶ **Activation:**  **Select On or Off**
 - Set duration: ▶ **Duration** ▶  Enter 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, the  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.

Switching off/repeating the alarm

- Switch off alarm: ▶ **Off**
- Repeat alarm: ▶ **Restart** ... the timer display is displayed again ▶ set another duration as required ▶ **Save** ... the countdown is restarted

Alarm



Date and time have been set.

Switching the alarm on/off and setting the alarm time

- ▶ ▶ **Organizer** ▶ **OK** ▶ **Alarm Clock** ▶ **OK** ▶ switch between the entry fields with
- Switch on/off: ▶ Select **Activation:** **On or Off**
- Set the wake-up time: ▶ **Time** ▶ enter hour and minutes
- Set days: ▶ select **Occurrence** ▶ between **Monday-Friday**, **Once** and **Daily**
- Adjust the volume: ▶ **Volume** ▶ volume can be set in 5 levels or crescendo (increasing volume)
- Set alarm: ▶ **Melody** ▶ select a ringtone melody for the alarm
- Save setting: ▶ **Save**

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

Alarm

An alarm is shown on the display and indicated by the selected ringtone melody. The wake-up call sounds for 60 seconds. If no key is pressed, it 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)

Switching off the alarm: ▶ **Off**

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

Protection against unwanted calls

Time control for external calls



Date and time have been set.

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

- ▶ ▶ **Settings** ▶ **OK** ▶ **Audio Settings** ▶ **OK** ▶ **Ringtones(handset)** ▶ **OK** ▶ **Time Control** ▶ **Change**
- Switch on/off: ▶ select **On** or **Off**
- Enter time: ▶ switch between **Suspend ring from** and **Suspend ring until** ▶ enter beginning and end of the period as 4 digits
- Save: ▶ **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 calls

The handset will not ring for calls without calling line identification. This setting can only be applied to only one or to all registered handsets.

- ▶ ▶ **Settings** ▶ **OK** ▶ **Audio Settings** ▶ **OK** ▶ **Ringtones(handset)** ▶ **OK** ▶ **Anon. Calls Silent** ▶ **Edit** = activated) ... the call is only signalled on the display

Black list

When the black list function is activated, calls from black list numbers are not indicated or are only indicated on the display. The setting applies to all registered handsets.

The black list is activated when **Silent Call** or **Block Call** is selected as the protection mode.

Activate/deactivate black list

- ▶ ▶ **Additional Features** ▶ **OK** ▶ **Call Protection** ▶ **OK** ▶ **Handset Blocklist** ▶ **OK** ▶ **Activation** = activated)

Display/edit black list

▶  ▶ Additional Features ▶ OK ▶  Call Protection ▶ OK ▶  Handset Blacklist ▶ OK ▶ Blocked Numbers ▶ OK ... the list of blocked numbers is displayed ... possible options:

Create an entry: ▶ **New** ▶ Enter number ▶ **Save**

Delete an entry: ▶  Select entry ▶ **Delete** ... the entry is deleted

Not adding a number to the call list

▶  ▶ Additional Features ▶ OK ▶  Call Protection ▶ OK ▶  Handset Blacklist ▶ OK ▶ Don't Save (☒ = activated)

Setting rules for full black list

▶  ▶ Additional Features ▶ OK ▶  Call Protection ▶ OK ▶  Handset Blacklist ▶ OK ▶ Rule For Full List ▶  Select rule ▶ OK (☒ = selected)

Do not add new The black list is retained. The new entry cannot be saved.

Remove oldest The new entry is saved, the oldest is deleted.

Remove least used The new entry is saved. The entry with the number least rejected by the blacklist will be deleted.

Set protection mode

▶  ▶ Additional Features ▶ OK ▶  Call Protection ▶ OK ▶  Handset Blacklist ▶ OK ▶  Protection Mode ▶ OK ▶  select required protection:

Silent Call The telephone does not ring and the incoming call is only shown on the display.

Block Call The telephone will not ring and the incoming call will not appear on the display. The caller will hear the busy tone.

Save settings: ▶ **Save**

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.

- ▶  ▶ Settings ▶ OK ▶ Audio Settings ▶ OK ▶ Ringtones(handset) ▶ OK ▶ Silent Charging ▶ Edit  = activated)

Switching off the ringtone (do not disturb)

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

- ▶  ▶ Settings ▶ OK ▶ Audio Settings ▶ OK ▶ Do Not Disturb ▶ Edit  = activated)
- The idle display shows "**Do Not Disturb**" active.
 - Incoming calls are not signalled but show up in the call list as missed calls.
 - Most notifications are blocked. Exceptions: Appointments, alarm clock and anniversaries.



An incoming call occupies a line even if it is not signalled. Calls can no longer be made if all the lines on the base are occupied.

Bluetooth

The handset is able to use Bluetooth™ to communicate wirelessly with other devices that also use this technology, e.g. for connecting a Bluetooth headset or hearing device.



Bluetooth is activated and the devices are registered to the handset.

The following devices can be connected:

- A Bluetooth headset or hearing device ( The headset / hearing device has the **headset-** or the **handsfree profile**. If both profiles are available, communication is carried out via the **handsfree profile**.)

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 mobiles) for transmitting directory entries as a vCard or for exchanging data with the computer .

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

Operating the Bluetooth devices: → User guide for the devices

Activating/deactivating Bluetooth mode

▶  ▶ **Bluetooth** ▶ **OK** ▶ **Activation** ▶ **Edit** ( = activated)

If the local area code is still not saved: ▶  Enter 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 activated, the handset is visible to Bluetooth devices in range for five minutes. It is then invisible after this time.

Making a device visible again:

▶  ▶ **Bluetooth** ▶ **OK** ▶ **Visibility** ▶ **Edit** ( = activated)

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



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

Registering Bluetooth devices

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



Only one headset/hearing device can be registered. If multiple headsets are found, enable the one required using the checkbox (☑ = activated).

- ▶ ▶ **Bluetooth** ▶ **OK** ▶ **Search Devices** ▶ **OK** ... the search is started (can 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 authentication code on both devices ... the devices are connected; the device is added to the list of known devices

Show information:

- ▶ select device if necessary ▶ **View** ... the device name and the device address are displayed, and the possible functions for this device

Repeat search:

- ▶ **Options** ▶ **Repeat Search** ▶ **OK**

Cancel search:

- ▶ **Cancel**

Editing the list of known (trusted) devices

Opening the list

- ▶ ▶ **Bluetooth** ▶ **OK** ▶ **Known Devices** ▶ **OK** ... the known devices are listed; an icon identifies 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 entry

- ▶ ▶ **Bluetooth** ▶ **OK** ▶ **Known Devices** ▶ **OK** ▶ **Select entry** ... possible options:

View entry:

- ▶ **View** ... the device name and device address are displayed ▶ back with **OK**

De-registering a device:

- ▶ **Options** ▶ **Delete Entry** ▶ **OK**

De-register all devices:

- ▶ **Options** ▶ **Delete List** ▶ **OK**

Change name:

- ▶ **Options** ▶ **Edit Name** ▶ **OK** ▶ **Change name** ▶ **Save**



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

Use as a Bluetooth beacon

Rejecting/accepting a non-registered Bluetooth device

When Bluetooth is activated or Visibility is activated, the handset is only visible to other Bluetooth devices for 5 minutes (→ "Making a device visible/invisible" chapter). A device is only able to request a connection during this time. A connection can only be established when a registration process is started.

- ▶ Start the registration process as described in the **Registering Bluetooth devices** section.

Changing the Bluetooth name of the handset

The handset is shown by this name on another Bluetooth device. You can change the name.

- ▶  ▶ **Bluetooth** ▶ **OK** ▶  **Own Device** ▶ **OK** ... the name and device address are displayed ▶ **Edit** ▶  change name ▶ **Save**

Use 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 activated 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.

Handset settings

Display language

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

If an incomprehensible language is set:

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

Select the country (if available)

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

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

Display

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** ▶ **Screensaver** ▶ **Edit**  = activated) ... then
 - Switch on/off: ▶ **Activation:** select using  **On** or **Off**
 - Select screensaver: ▶  select ▶  select screensaver (**Digital Clock** / **Analog Clock** / **Info Services** / <images> / **Slideshow**)
 - View screensaver: ▶ **View**
 - Save selection: ▶ **Save**

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



All images from the **Screensaver** folder of the **Resource Directory** are available for selection.

End screensaver

- ▶ End call key  tap and ... the display goes into idle status

Notes on displaying Info Services

(only on an IP-capable Gigaset base)



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

(only on an IP-capable Gigaset base)

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** ► **OK** ► **Display + Keypad** ► **OK** ► **Info Ticker** ► **Edit**
(= activated)

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** ► **OK** ► **Display + Keypad** ► **OK** ► **Large Font** ► **Edit** (= activated)

Colour scheme

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

► ► **Settings** ► **OK** ► **Display + Keypad** ► **OK** ► **Color Scheme** ► **OK** ► select
required colour scheme ► **Select** (= selected)

Display backlight

The display light is switched off when the handset is not used over a long period of time. You can set this function separately for situations **handset in charging cradle** and **handset not in charging cradle** set separately.

During a call, the display normally stays on. You can switch off this function.

- ▶  ▶ **Settings** ▶ **OK** ▶ **Display + Keypad** ▶ **OK** ▶ **Display Backlight** ▶ **OK** ▶  select situation in idle status (**In Charger**, **Out of Charger**, **In Talk State**) ▶ switch light on/off with  ▶ **Save**



The handset's standby time can significantly reduce when the display backlight is activated.

Key illumination

You can set the brightness of the key illumination in five levels.

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

Switch automatic keypad lock on/off

You can set the keyboard to lock automatically after about 15 seconds in idle status.

- ▶  ▶ **Settings** ▶ **OK** ▶  **Display + Keypad** ▶ **OK** ▶  **Auto Keypadlock** ▶ **Edit** ( = activated)

Tones and signals

Receiver/handsfree volume

You can set the volume of the receiver, handsfree or headset at 5 levels independently of each other.



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

During a call

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

In idle status

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

Tones and signals

or

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

Automatic volume

(depending on the base)



Crescendo is **not** set for the ringtone volume.

The telephone 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** ▶  **Earpiece Volume / Ringtone Volume** ▶ **Edit**

- Switch on/off: ▶ **Activation** ▶ select using  **On** or **Off**
- Set sensor: ▶ **Sensitivity** ▶ use  to set the sensitivity of the sensor
- Save setting: ▶ **Save**

Headset - correcting the volume

You can adjust the call volume for the wired headset. In addition to the default settings for the call volume, you can use this to compensate for special features of the audio settings of your headset.

- ▶  ▶ **Settings** ▶ **OK** ▶ **Audio Settings** ▶ **OK** ▶  **Corded Hdset Boost** ▶  **Adjust volume** ▶ **Save**

Set microphone sensitivity

You can adjust the sensitivity of the microphone via the receiver or wired headset during a call. These settings allow you to set up better acoustics in noisy or echoing environments.

- ▶  **Press and hold** ▶ use  to set the required sensitivity ▶ **Save**



A change without saving only applies to the current call.

Permanently set microphone sensitivity in idle status:

- ▶  **Press and hold** ▶  select **Earpiece** or **Corded headset** ▶ use  to set required sensitivity ▶ **Save**

or

▶  ▶ **Settings** ▶ **OK** ▶ **Audio Settings** ▶ **OK** ▶ **Mic Sensitivity** ▶ **OK** ▶  select **Earpiece** or **Corded headset** ▶ use  to set the required sensitivity ▶ **Save**

Set acoustics profile for a loud environment:

▶ Press and  hold profile key ▶ use  to set the required sensitivity ▶ **Save**

Receiver and handsfree profiles

Select a profile for the **receiver** and **handsfree** 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

You can assign different ringtones for internal and external calls for every available receive connection on the telephone (**Fixed Line**, **IP1**, ...) or set the same ringtone volume for all external calls.

▶  ▶ **Settings** ▶ **OK** ▶ **Audio Settings** ▶ **OK** ▶ **Ringtones(handset)** ▶ **OK** ▶ **Volume** ▶ **OK** ▶  **Internal calls and appointments** select or external connection ▶  set the volume in 5 levels or crescendo (increasing volume) ▶ **Save**



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

Ringtone melody

You can assign different ringtones for internal and external calls for every available receive connection of the telephone (**Fixed Line**, **IP1**, ...) or set the same ringtone volume for all external calls.

▶  ▶ **Settings** ▶ **OK** ▶ **Audio Settings** ▶ **OK** ▶ **Ringtones(handset)** ▶ **OK** ▶ **Melodies** ▶ **OK** ▶  **Internal Calls** select or select connection ▶  select the ringtone/melody ▶ **Save**

Switching the ringtone on/off

Switching the ringtone off permanently

- ▶ Use the profile key  to set the **Profile Silent** ... appearing on the status bar 

or: activate **Do Not Disturb**

- ▶  ▶ **Settings** ▶ **OK** ▶ **Audio Settings** ▶ **OK** ▶ **Do Not Disturb** ▶ **Edit**  = activated)

Switching the ringtone on permanently

- ▶ Use the profile key  to set the **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

You can switch on an alert tone (beep) instead of the ringtone:

- ▶ use the profile key  to set the **Profile Silent** ▶ **Beep** press within 3 seconds ... appears on the status bar 

Switching off the alert tone: ▶ use the profile key  to change the profile

Vibration alarm

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

- ▶  ▶ **Settings** ▶ **OK** ▶ **Audio Settings** ▶ **OK** ▶  **Silent Alert** ▶ **Edit**  = activated)

Advisory tones

The handset issues acoustic signals for different activities and statuses. These advisory tones can be switched on/off independently of each other.

- ▶  ▶ **Settings** ▶ **OK** ▶ **Audio Settings** ▶ **OK** ▶ **Advisory Tones** ▶ **OK** ▶  Select advisory tone ▶ Switch off advisory tone with  ▶

Key Tones

Tone when keys are pressed

Confirmation

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

Battery

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

Out of range

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

Save setting:

- ▶ **Save**

Making/receiving calls

Auto Answer

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

▶  ▶ **Settings** ▶ **OK** ▶ **Telephony** ▶ **OK** ▶ **Auto Answer** ▶ **Edit** ( = activated)

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

Switch visual call signal on/off

Signalling incoming calls via the spot LED (e.g. in noisy environments).

▶  ▶ **Settings** ▶ **OK** ▶ **Telephony** ▶ **OK** ▶ **LED Call Signal** ▶ **Edit** ( = activated)



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

Emergency numbers

You can enter up to three numbers as emergency numbers, which you can also dial when the PIN-protected key lock is active.

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

Delete an entry: ▶ Delete name and number with  ▶ **Save**

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

▶ Press the display key **Emerg.No** to see the predefined emergency numbers

Quick access to numbers and functions

Assigning numbers to number keys (quick dial)

It is possible to assign each of the keys  and  to  a number from the directory.



No number has yet been assigned to the number key.

- ▶ Press and **hold** the number key

or

- ▶ **tap** the number key ▶ press the display key **QuickDial**

The directory opens.

- ▶  select entry ▶ **OK** ▶ if necessary, select  with number ▶ **OK** ... the entry is stored on the number key



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

Dialling a number

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

or

- ▶ **tap** the number key ... the left display key shows the number/name (abbreviated if necessary) ▶ press display key ... the number is dialled

Changing the number key assignment

- ▶ **Tap** the number key ▶ **OK** ... the directory is opened ... possible options:

Changing the assignment: ▶  select entry ▶ **OK** ▶  select number if necessary ▶ **OK**

Delete assignment: ▶ **Clear**

Changing the display key assignment

The left and right display keys have a **function** preset by default when in idle status. You can change the assignment.

- ▶ In idle status, press and **hold** the left and right-hand display key ... the list of possible key assignments is opened ▶  selection 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

- ▶ In phone idle status, **tap** the display key ... the assigned function is carried out

System

Testing DECT encryption

(depending on the base)

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.

►  ► **Settings** ► **OK** ► **System** ► **OK** ► **Security Check** ► **Edit** ( = activated)



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

If, on the base, encryption is deactivated at a later time while the secure connection test is enabled (because a repeater needs to be connected for example), is shown on the handset **Please read security info.**

► **Info** ... the situation is explained ► **Sec. off** ... the security check is deactivated

During a call

An advisory tone 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

Change 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):

►  ► **Settings** ► **OK** ► **System** ► **OK** ► **Handset PIN** ► **OK** ► use  to enter the current PIN ► **OK** ► use  to enter a new handset PIN ► **OK**



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).

Resetting the handset

Reset any individual settings and changes that you have made.

►  ► **Settings** ► **OK** ► **System** ► **OK** ► **Handset Reset** ► **OK** ► Confirm with **Yes** ... The handset settings are reset



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

- registration of the handset to the base
- date and time
- directory entries and call lists
- the SMS lists

Resetting handset to the factory settings

Reset all settings and personal data.

►  ► **Settings** ► **OK** ► **System** ► **OK** ► **Erase Handset** ► **OK** ►  Enter the handset PIN ► **OK**

All user data, lists, directory and registration of the handset to the base are deleted. The login wizard is launched.

Handset update

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



The base/router to which the handset is registered must also support this function.

The telephone checks whether or not there is a new firmware for the handset. If so, a message is displayed on the handset.

► Start the firmware update with **Yes**.

Switching on/off automatic check for new firmware

►  ► **Settings** ► **OK** ► **System** ► **OK** ► **Handset Update** ► **OK** ► **Automatic Check** ► **OK** ► **Edit** (☒ = activated)

Start the firmware update manually

- ▶  ▶ Settings ▶ OK ▶ System ▶ OK ▶ Handset Update ▶ OK ▶ Update ▶ OK ▶ OK... if there is new firmware available, 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.

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

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.

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.

Service (Customer Care)

- 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.

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 Damages") 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.

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If you want to learn more about Gigaset Service or for Support on your Gigaset phone, visit our web site at www.gigaset.com or please contact Support at support@gigaset.com

Issued by

Gigaset Technologies GmbH

Frankenstraße 2, D-46395 Bocholt

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Subject to availability.

All rights reserved. Rights of modifications reserved.

Product attributes subject to change.

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

Part Number: A31008-M3176-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.



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.

Specifications

Power consumption

Gigaset N870 IP PRO / Gigaset N870E IP PRO (DECT Manager)	< 3.8 W
Gigaset N870 IP PRO / Gigaset N870E IP PRO (Base station)	< 3.8 W

General specifications

Base stations	
Radio frequency range	1920-1930MHz
Transmission power	5 mW average power per channel 120 mW pulse power

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

Technical data

Batteries

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

Handset operating times/charging times

The operating time of your Gigaset N870 IP PRO depends on the capacity of the battery, its age and the way it is used. (All times are maximums).

Standby time (hours)	300 / 180 *
Talktime (hours)	13
Operating time for 1.5 h of calls per day (hours)	130 / 100*
Charging time in charging cradle (hours)	8.5

* switched off with **Strahlungsfrei** / switched on with **Strahlungsfrei**, without display backlight in idle status

Power consumption of the handset in the charging cradle

When charging:	approx. 1.5 W
To maintain the charge status:	approx. 0.5 W

General technical data

Radio Technology	DECT6.0
No. of channels	60 duplex channels
Radio frequency range	1920-1930 MHz
Duplex mode	Time multiplex, 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 coding	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
Power supply to base	115 V ~/60 Hz
Environmental conditions for operation	41°F to 113°F (+5°C to +45°C); 20 % to 75 % relative air humidity
Dialling mode	DTMF (tone dialling)/pD (pulse dialling)

Bluetooth

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

Power adapter

Manufacturer	Salom Electric (Xiamen) Co. Ltd. Commercial register: 91350200612003878C 31 Building, Huli Industrial District, Xiamen, Fujian 361006, P.R. China
Model ID	C708
Input voltage	100-240 V
Input alternating current frequency	60 Hz
Output voltage	5.2 V
Output current	0.15 A
Output power	0.6 W
Average efficiency during use	> 46 %
Power consumption at zero load	< 0.10 W

Character charts

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

Entering letters/characters

- Press the relevant key several times.
- Briefly** press the Hash key  to switch from mode "Abc" to "123", from "123" to "abc" and from "abc" to "Abc".
- Press and **hold** the hash key  ... The available characters of the key are offered for selection one after the other

Standard characters

Press the relevant key several times.

	1x	2x	3x	4x	5x	6x	7x	8x	9x	10x
	1									
	a	b	c	2	ä	á	à	â	ã	ç
	d	e	f	3	ë	é	è	ê		
	g	h	i	4	ï	í	ì	î		
	j	k	l	5						
	m	n	o	6	ö	ñ	ó	ò	ô	õ
	p	q	r	s	7	ß				
	t	u	v	8	ü	ú	ù	û		
	w	x	y	z	9	ÿ	ý	æ	ø	å
	 ¹⁾	.	,	?	!	 ²⁾	0			

- 1) Space
- 2) Line break

Accessories

Name	Part number
Professional Beltclip S:	S30852-Z2974-R142

Display icons

Icons in the status bar

Icon	Meaning
	Signal strength, depending on the number of bars 1 – 100 % (for No Radiation off) white: Maximum Range on; green Maximum Range off
	red: no connection to the base (for No Radiation off)
	white: Maximum Range on; green: Maximum Range off (for No Radiation on)
	Bluetooth active
	Using the handset as a Bluetooth beacon
	Battery charge status, depending on the bar length 0 – 100 % white: over 11 %; red: below 11 %; flashes red: Battery almost empty (approx. 5 minutes of talk-time left)
	Battery is charging (current charge status): 0 % - 100 %
	Ringtone deactivated
	"Beep" ringtone activated
	Keypad lock activated

Icons of the display keys

Icon	Meaning
	Open redial list
	Delete text
	Open directory
	Copy number to directory

Display icons to indicate ...

Icon	Meaning
	External call
	Internal call
	Establishing a connection (outgoing call)
	Connection established
	Connection ended / not possible to establish a connection

Display icons

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

Other display icons

Icon	Meaning
	Missed calls
	Missed appointments
	New voice messages
	Alarm activated, display with wake-up time
	Timer switched on, display with countdown
	Action complete (green)
	Action failed (red)
	Information
	(Security) prompt
	Please wait ...

Alarm icons

Icon	Meaning
	Bomb alarm
	Robbery alarm
	Chemical accident
	Evacuation
	Explosion
	Fire
	Flood
	Heart attack

Icon	Meaning
	Risk of poisoning
	High volume
	Machine failure
	Personal accident
	Medical assistance required
	Medical emergency
	Nurse/carer requested
	Power failure
	Radiation/radioactivity
	Firearm use
	Poisonous gases
	Exposure to violence

Menu overview



Not all functions described in this user guide are available in all countries or with all network providers.

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



Select Services

Next Call anon.	→ p. 23
Call Forward	→ p. 23
Call Waiting	→ p. 20
Do Not Disturb	→ p. 24
Ringback off	→ p. 24



Info Center

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



Bluetooth

Activation	→ p. 44
Visibility	→ p. 44
Search Devices	→ p. 45
Known Devices	→ p. 45
Own Device	→ p. 46



Additional Features

Basic Mode Act.	→ p. 34																										
Alarm Configuration	Can only be carried out on the telephone system by an administrator. → p. 34																										
LED flashlight	→ p. 16																										
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Screensavers	→ p. 43																										
Caller Pictures	→ p. 43																										
Sounds	→ p. 43																										
Available Memory	→ p. 43																										
Resource Directory																											



Call Lists

All Calls

Outgoing Calls

Accepted Calls

Missed Calls

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→ p. 25

→ p. 25

→ p. 25



Voicemail

Play Messages

Network Mailbox

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Organizer

Calendar

Time

Alarm

Missed Appts

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Contacts

Directory

Bluetooth Directory

.....

when a device with enabled directory is coupled via Bluetooth

→ p. 28

→ p. 30



Settings

Date/Time

Audio Settings

Set centrally. Manual settings on the handset are ignored.

Handset Volume

Smart Volume

Mic Sensitivity

Acoustic Profiles

Advisory Tones

Do Not Disturb

Vibration

Ringtones(handset)

Corded Hdset Boost

Earpiece Volume

Ringtone Volume

Earpiece Tones

Handsfree Profiles

Volume

Melodies

Time Control

Anon. Calls Silent

Silent Charging

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