Gigaset

R700H protect PRO
N870 IP PRO DECT Multicell System

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

Contents

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

Overview

Handset
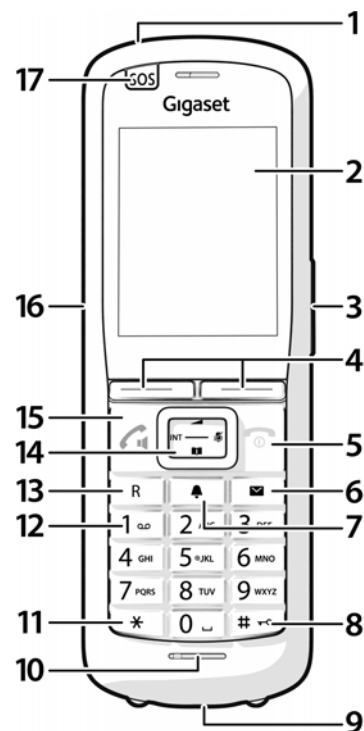
1 Torch (spot LED)/visual call signal

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**

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 (in idle status)	▸	press and **hold**
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"

Illustrations in the user guide

Icons

⚠️	Warnings, which, if not observed, can result in damage to devices or to personal injury.
❗	Important information regarding function and appropriate handling or functions that could generate costs.
✔️	Prerequisite for carrying out the following action.
ℹ️	Additional helpful information.

Handset keys

⟨📞⟩ or ⟨📞⟩	Talk key	⟨📞⟩ or ⟨🔊⟩	Handsfree key
⟨📵⟩	End call key	⟨0⟩ to ⟨9⟩	Number/letter keys
⟨⬚⟩ / ⟨■⟩	Control key rim / centre	⟨✉⟩	Message key
⟨R⟩	Recall key	⟨*⟩	Star key
⟨# ⁓o⟩	Hash key	⟨🔔⟩	Profile key
OK, **Back**, **Select**, **Change**, **Save**, . . .		Display keys	

Handset procedures

Example: Switching auto answer on/off:

▶ ≡ ▶ **Settings** ▶ **OK** ▶ **Telephony** ▶ **OK** ▶ **Auto Answer** ▶ **Change** (☑ = activated)

Display	Meaning
▶	Every arrow initiates an action.
▶ ≡	Open main menu: Press the **middle** of the control key ■ when the handset is idle status.
▶ **Settings**	Use the control key ⬚ to navigate to the submenu ⚙ **Settings**.
▶ **OK**	Confirm with the display key **OK** or the control key ■. The **Settings** submenu is opened.
▶ **Telephony**	Select the **Telephony** entry using the control key ⬚.
▶ **OK**	Press **OK** to confirm. The **Telephony** submenu is opened.
▶ **Auto Answer**	Select the **Auto Answer** entry using the control key ⬚.
▶ **Change**	Activate or deactivate it using **Change**. Function is activated ☑ /deactivated ■.

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 <u>wiki.gigaset.com</u>. 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.
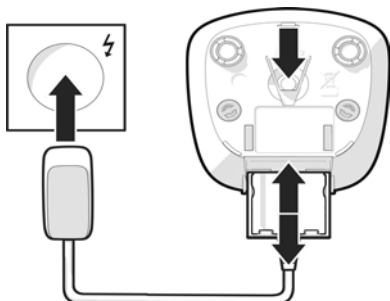
Inserting the batteries

⚠️ 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.
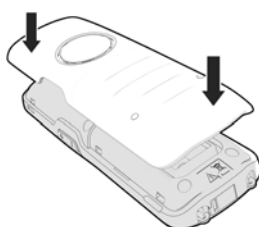
▸ Insert the batteries (for correct +/- direction, see diagram).

▸ 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.
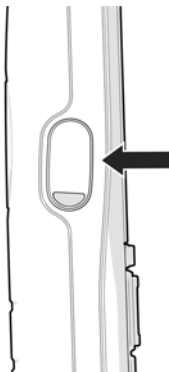
Charging the batteries

▶ 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.

⚡🔋 + (8.5 h) = 🔋

ⓘ 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. **Francais** ▶ **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**

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.
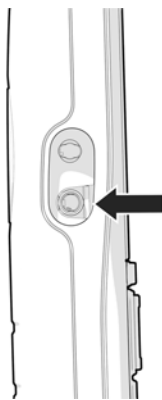
Connecting the USB data cable

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.

(**i**) 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 directory, the directory of a provider or a company directory): ▶ ▽ **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: ▶ ⬚ **tap**

In submenus, selection and entry fields

Confirm function/selection: ▶ Press ■

ⓘ   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.

Alarm-Taste 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.

Zurück   Sichern —— Current functions of the display keys
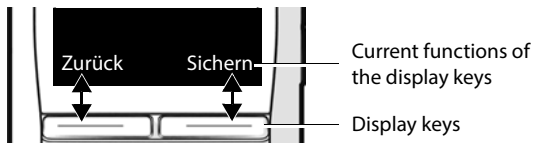
—— Display keys

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

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 Torch**.

or

▶ ☰ ▶ **Additional Features** ▶ **OK** ▶ **LED Torch** ▶ **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 2 and 9 and the 0 ␣ 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:	▶ ◀C **tap**

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 ◀ C 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. ✳ 6

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. ✳ 6

Accepting a call

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

If activated, the signal light (LED) at the top of the handset also flashes.

The display shows

• the caller's name if it is stored in the directory
• the caller's number if it has been sent

Accept a call:	▶ Press talk key 🔾 or ▶ **Accept**
	▶ Accept a call on the headset
	When auto answer is activated:
	▶ Remove handset from the charging cradle
Switch the ringtone off:	▶ **Silent** . . . the call can be accepted for as long as it is shown on the display
Reject call	▶ Press the end call key 🔾

Using the phone system call manager

If a call manager of the telephone system is used, you can set incoming calls to be accepted directly via headset or hands-free device. This must be configured on the Gigaset N870 IP PRO for the handset.

Group accept

Accept incoming calls for a group of participants.

Group accept must be activated and the call number or SIP-URi of the group must be entered. This must be configured on the Gigaset N870 IP PRO for the handset.

Accepting/rejecting call waiting in calls

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

Accept a call:

▶ **Accept** . . . the connection to the waiting participant is established. The first participant is put on hold and hears music on hold.

Reject call: ▶ **Options** ▶ **Reject Waiting Call** ▶ **OK**

End the call, resume the on-hold call: ▶ Press the end call key 🔾.

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:

▸ **Confer.** . . . 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 Divert** ▸ **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**
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 icon] missed calls

   ![accepted icon] accepted calls

   ![outgoing icon] 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)

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.

Local handset directory

The local directory is unique to the handset. Entries can be sent to other handsets however.

Directory entries

Number of entries:	up to 200
Information:	First name and surname, up to three telephone numbers, anniversary with alert, VIP ringtone with VIP icon
Length of the entries:	Numbers: max. 32 digits
	Name: max. 16 characters

Create entry

▶ Press control key 🔲 ▶ **<New entry>** ▶ **OK** ▶ use 🔼 to switch between the entry fields

Name:	▶ use ▦ to enter first name and/or last name
Numbers:	▶ **Tel.1 - Type** ▶ use ◀▶ to select the number type (**Home**, **Office** or **Mobile**) ▶ use ▦ to enter number
Enter additional numbers:	▶ use 🔼 to switch between the entry fields (**Tel.1 - Type** / **Tel.2 - Type** / **Tel.3 - Type**) ▶ use ▦ to enter number
Anniversary:	▶ use ◀▶ **Anniversary** to switch on/off ▶ use 🔼 to enter date and time ▶ use ◀▶ to select the signalling type (**Optical only** or a ringtone)
CLIP melody (VIP):	▶ use ◀▶ to select the ringtone to be used to signal a call from the participant . . . if a **Caller Melody (VIP)** is assigned, the entry in the directory has an additional **VIP** icon
CLIP image:	▶ use ◀▶ to select image that is to be displayed for a call from the participant (➜ media pool)

Save entry: ▶ **Save**

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

> ✓ For **Caller Melody (VIP)** and **Caller Picture**, the caller's number must be transmitted.

Searching/selecting a directory entry

▶ Press control key 🔲 ▶ use 🔼 to scroll to the required name

or

▶ press the control key 🔲 ▶ ▦ enter the initial letters (max. 8 letters) . . . the display goes to the first name with these initial letters ▶ 🔼 if necessary, scroll to the required entry

Quick scroll through directory: ▶ press control key 🔲 ▶ 🔼 **Press and hold**

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 Surname** 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 **Surname** 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 ◄C

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

▸ ☰ ▸ **Answer Machine** ▸ **OK** ▸ **Network Mailbox** ▸ **OK** ▸ ⋮⋮⋮ Enter or change number of the network mailbox ▸ **Save**

Play messages on the handset

▸ Press and **hold** the ⎡1 ∞⎤ key

or

▸ Press the message key ⎡✉⎤ ▸ **OK**

or

▸ ☰ ▸ **Answer Machine** ▸ **OK** ▸ **Play Messages** ▸ **OK**

Listen to announcement via loudspeaker: ▸ press the handsfree key ⎡🔊⎤

Additional functions

Alarm function

The telephone system offers multiple alarm functions, which can be triggered depending on the situation.

(**i**) When the handset is connected to the alarm server, the message key flashes green.

If an alarm has been triggered, the message key flashes red quickly.

Alarm types

The number of available alarm types depends on the configuration of the alarm server and handset. The handset can detect various operating states, from which alarm situations can develop. If the handset detects this type of situation, a pre-alarm is triggered (if a pre-alarm is configured). If this pre-alarm is not cancelled by the handset user, the handset triggers a call for help.

Manual Alarm	The handset user triggers a manual call for help by pressing the alarm button.
No-Motion Alarm	The handset does not register any movement and automatically triggers a call for help.
Man-Down Alarm	The handset registers a fall (man down) and triggers a call for help.
Time Alarm	The handset does not register any pressure from the prescribed button in a specified period of time and automatically triggers a call for help.
Escape Alarm	The handset registers rapid movements (escape) and triggers a call for help.

Activating the alarm function in base mode

▸ ☰ ▸ **Additional Features** ▸ **OK** ▸ **Basic Mode Activ.** ▸ **Edit** (☑ = activated)

Alarm configuration

The alarm function may only be configured by an administrator or service personnel.
➜ wiki.gigaset.com

The configuration of the alarm function is blocked by a service PIN for all other users.

The administrator can configure the following options on the handset:

Keypad locked	The administrator can configure whether the alarm key is also locked when the key lock is active.
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.

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.
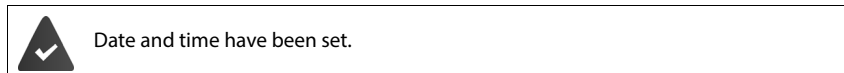
▶ ▤ ▶ **Organizer** ▶ **OK** ▶ **Calendar** ▶ **OK** ▶ 🔲 select the desired day ▶ **OK** ▶ switch between the entry fields with 🔲

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**

ℹ️ 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**

ℹ️ 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 Appoints.** ▶ **OK** ▶ **Yes**

Timer

Setting a timer (countdown)

▸ ☰ ▸ **Organizer** ▸ **OK** ▸ **Timer** ▸ **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 (H/Set)** ▶ **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**

> ℹ 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 (H/Set)** ▶ **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 Blocklist** ▶ **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 Blocklist** ▶ **OK** ▶ **Omit Call List** (✓ = activated)

Setting rules for full black list

▶ ☰ ▶ **Additional Features** ▶ **OK** ▶ 🔄 **Call Protection** ▶ **OK** ▶ 🔄 **Handset Blocklist** ▶ **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 Blocklist** ▶ **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 (H/Set)** ‣ **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.

Media pool

Sounds for ringtones and images that can be used as caller images (CLIP images) or as a screen-saver are saved in the handset's resource directory.

Managing images (for screensaver and CLIP) and sounds

▸ ☰ ▸ **Additional Features** ▸ **OK** ▸ 🔼 **Resource Directory** ▸ **OK** . . . possible options:

View image:	▸ 🔼 **Screensavers** / **Caller Pictures** ▸ **OK** ▸ use 🔼 to select image ▸ **View** . . . the selected image is displayed
Play sound:	▸ 🔼 **Sounds** ▸ **OK** ▸ use 🔼 to select sound . . . the selected sound is played
	Adjust the volume: ▸ **Options** ▸ **Volume** ▸ **OK** ▸ use ◀ ▶ to select volume ▸ **Save**
Rename image/sound:	▸ 🔼 **Screensavers** / **Caller Pictures** / **Sounds** ▸ **OK** ▸ use 🔼 to select sound/image ▸ **Options** ▸ **Edit Name** ▸ use ◀C to delete name, use ▦ to enter new name ▸ save . . . the entry is saved with the new name
Delete image/sound:	▸ 🔼 **Screensavers** / **Caller Pictures** / **Sounds** ▸ **OK** ▸ use 🔼 to select sound/image ▸ **Options** ▸ **Delete Entry** . . . the selected entry is deleted

ⓘ The relevant options are not available if an image/sound cannot be deleted.

Check memory

You can display the free memory for screensavers and CLIP images.

▸ ☰ ▸ **Additional Features** ▸ **OK** ▸ **Resource Directory** ▸ **OK** ▸ **Available Memory** ▸ **OK** . . . the free memory is shown in percent

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.

> (i) 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**

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

Rejecting/accepting a non-registered Bluetooth device

When Bluetooth is 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 9 5 **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** ▸ **Colour 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**

(i) 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

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** ▸ 🔲 **Smart Earpiece Vol.** / **Smart Ringtone Vol.** ▸ **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 Hdst 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 (H/Set)** ▸ **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 (H/Set)** ▸ **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

▸ **Silent** 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 ◀C ▶ **Save**

Quick access to numbers and functions

Assigning numbers to number keys (quick dial)

It is possible to assign each of the keys ⓪ and ② to ⑨ 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 Key**

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)

ℹ️ 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 **Security Info - Press 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**

ℹ️ 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

Customer Service & Help

Do you have any questions?

For quick help and information, please refer to this user guide or visit wiki.gigaset.com.

For online information and services concerning

- Products
- Documents
- Interop
- Firmware
- FAQ
- Support

please refer to wiki.gigaset.com.

For further information our Gigaset specialised reseller will be happy to help you related to your Gigaset product.

Manufacturer information

Authorisation

This device is intended for analogue phone lines in your network.

Voice over IP telephony is possible via the LAN interface (IEEE 802.3).

Depending on your telecommunication network interface, an additional router/switch could be necessary.

For further information please contact your Internet provider.

Country-specific requirements have been taken into consideration.

Gigaset Communications GmbH hereby declares that the following radio equipment types are in compliance with Directive 2014/53/EU:
Gigaset R700H protect PRO

The full text of the EU declaration of conformity is available at the following internet address:
www.gigaset.com/docs.

If this product will as well be imported into the UK:
Gigaset Communications GmbH hereby declares that the following radio equipment types are in compliance with the Radio Equipment Regulations 2017:
Gigaset R700H protect PRO

The full text of the UK declaration of conformity is available at the following internet address:
www.gigaset.com/docs.

The importer's postal address is: Gigaset Communications UK Ltd., 2 White Friars Chester, CH1 NZ, United Kingdom

This declaration could also be available in the "International Declarations of Conformity" or "European Declarations of Conformity" files.

Therefore please check all of these files.

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Data protection

We at Gigaset take the protection of our customers' data very seriously. It is precisely for this reason that we are ensuring all our products feature "Privacy by Design" as standard. All information we collect is used to make our products as good as possible. In the process, we ensure your details are protected and only used for the purposes of making available to you a product or service. We know which path your data takes through the company and ensure this happens in line with data protection specifications in a secure and protected manner.

The full text of the privacy policy is available from:
gigaset.com/privacy-policy

Environment

Environmental management system

Further information on environmentally friendly products and processes is available on the Internet at www.gigaset.com.

Gigaset Communications 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.

All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.

This crossed-out wheeled bin symbol on the product means the product is covered by the European Directive 2012/19/EU.

UK: The Waste Electrical and Electronic Equipment Regulations 2013.

The correct disposal and separate collection of your old appliance will help prevent potential negative consequences for the environment and human health. It is a precondition for reuse and recycling of used electrical and electronic equipment.

For more detailed information about disposal of your old appliance, please contact your local council refuse centre or the original supplier of the product.

Care

Wipe the device with a **damp** 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 ⚠

Your handset is splash proof.

If it comes into contact with water, knock the water out of the microphone opening and remove any water on the handset with an absorbent cloth. Your handset is ready for use.

If your handset comes into contact with a larger amount of liquid take the following steps:

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.

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

DECT standard	supported
GAP standard	supported
No. of channels	60 duplex channels
Radio frequency range	1880-1900 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	10 mW average power per channel, 250 mW pulse power
Range	up to 50 m indoors, up to 300 m outdoors
Power supply to base	230 V ~/50 Hz
Environmental conditions for operation	+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
	Salcomp (Shenzen) Co. Ltd. Commercial register: 91440300618932635P Salcomp Road, Furond Industrial Area, Xinqiao, Shajing, Baoan District, Shenzen 518125 China
	LEADER ELECTRONICS Commercial register: 913211007039359372 8F, No.138 Ln. 235 Baoqio Rd. Xindian Dist. New Taipei City 23145, Taiwan
Model ID	C705 (EU version) / C710 (UK version)
Input voltage	230 V
Input alternating current frequency	50 Hz
Output voltage	4 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
⃞1⃞	1									
⃞2⃞	a	b	c	2	ä	á	à	â	ã	ç
⃞3⃞	d	e	f	3	ë	é	è	ê		
⃞4⃞	g	h	i	4	ï	í	ì	î		
⃞5⃞	j	k	l	5						
⃞6⃞	m	n	o	6	ö	ñ	ó	ò	ô	õ
⃞7⃞	p	q	r	s	7	ß				
⃞8⃞	t	u	v	8	ü	ú	ù	û		
⃞9⃞	w	x	y	z	9	ÿ	ý	æ	ø	å
⃞0⃞	␣[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
	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
	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

ℹ️ 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. 25
Call Divert	. . . .	➜ p. 25
Call Waiting	. . . .	➜ p. 21
Do Not Disturb	. . . .	➜ p. 26
Ringback off	. . . .	➜ p. 26

📺 **Info Centre**	Company-specific functions can be provided by the Gigaset N870 IP PRO.

🔵 **Bluetooth**		
Activation	. . . .	➜ p. 49
Visibility	. . . .	➜ p. 49
Search Devices	. . . .	➜ p. 50
Known Devices	. . . .	➜ p. 50
Own Device	. . . .	➜ p. 51

⭐ **Additional Features**			
Basic Mode Activ.	. . . .		➜ p. 37
Alarm Configuration	Can only be carried out on the telephone system by an administrator.		➜ p. 37
LED Torch	. . . .		➜ p. 17
Call Protection	Handset Blocklist	Activation	➜ p. 46
		Blocked Numbers	➜ p. 46
		Omit Call List	➜ p. 46
		Rule For Full List	➜ p. 46
		Protection Mode	➜ p. 46
	Anon. Calls Silent	. . . .	➜ p. 45
	Time Control	. . . .	➜ p. 45
	Do Not Disturb	. . . .	➜ p. 47
Resource Directory	Screensavers	. . . .	➜ p. 48
	Caller Pictures	. . . .	➜ p. 48
	Sounds	. . . .	➜ p. 48
	Available Memory	. . . .	➜ p. 48

Display + Keypad	Screensaver	. . . .	→ p. 53
	Large Font	. . . .	→ p. 54
	Colour Schemes	. . . .	→ p. 54
	Display Backlight	. . . .	→ p. 55
	Key Illumination	. . . .	→ p. 55
	Auto Keypadlock	. . . .	→ p. 55
Language		. . . .	→ p. 53
Registration	Register Handset	. . . .	→ p. 11
	Select Base	. . . .	→ p. 12
	Basic Registration	. . . .	→ p. 12
Telephony	Auto Answer	. . . .	→ p. 60
	LED Call Signal	. . . .	→ p. 60
	Area Codes	Set centrally. Manual settings on the handset are ignored.	
	Country	. . . .	→ p. 53
	Emergency Numbers	. . . .	→ p. 60
System	Handset Reset	. . . .	→ p. 63
	Security Check	. . . .	→ p. 62
	Handset PIN	. . . .	→ p. 62
	Handset Update	. . . .	→ p. 63
	Erase Handset	. . . .	→ p. 63

Open source software

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