Gigaset

А690нх - АS690нх

You can find the most up-to-date user guide at www.gigaset.com/manuals
You will also find here the user guide for your Gigaset phone.



Other phone system or router:

→ Documentation for your base/router



Gigaset HX - the universal handset

With your Gigaset HX handset, you have purchased a high-quality, multifunctional and future-proof device.

You can use your handset with several different DECT bases. If the base has Internet access, the handset software can be updated over the Internet (SUOTA).

On a Gigaset base

Connect your HX handset to a Gigaset base and use the many features with the quality you would expect from Gigaset.

In this guide, functions that are available for your HX handset are detailed/described.

The complete functionality with Gigaset bases is described in the guide relevant to your Gigaset system.

All Gigaset user guides can be found at www.gigaset.com/manuals

On a DECT/GAP telephone or router from another manufacturer

The handset also functions with DECT/GAP telephones from other manufacturers, of course, as well as DECT routers. Additional information can be found at

www.gigaset.com/compatibility

On DECT routers with CAT-iq 2.0

Your Gigaset HX handset is certified in accordance with the DECT/CAT-iq 2.0 standard. As a result, operation with a DECT router with CAT-iq functionality is possible.

Handset functions on a CAT-iq router (amongst others):

- full access to the central directory on the router as well as the local directory integrated in the handset,
- convenient calling and using of call lists,
- using several lines and call numbers (the relevant scope of the function is dependent on the country, network and router),
- enjoy excellent audio quality (certified HD-Voice[™] quality).
- → Details can be found in the relevant user guide for your router.

Additional information regarding your HX handset can be found at www.gigaset.com/hx

Details regarding the functionality of the handset on various bases and routers can be found at www.gigaset.com/compatibility

Contents

| Overview | 5 |
|---|----|
| Safety precautions | 7 |
| Getting started | 8 |
| Package contents | 8 |
| Connecting a handset | 8 |
| Setting up and registering a handset | 9 |
| Using the phone | 11 |
| Switch the handset on and off | 11 |
| Lock/unlock the keypad | |
| Control key | 11 |
| Display | 12 |
| Menu navigation | |
| Making calls | 14 |
| Making a call | 14 |
| Accepting a call | 15 |
| Handsfree mode | |
| Muting | |
| Call with three subscribers | |
| Calling Line Identification | |
| Network services | |
| Call/message lists | |
| Call list | |
| Message list | |
| Directory | |
| Local directory | 19 |
| Base directory | |
| Changing the assignment of the control key to a directory | |
| Transferring directory (entry) | 21 |
| Answering machine | 22 |
| Local answer machine | 22 |
| Network mailbox | 22 |
| Additional functions | 23 |
| Alarm clock | 23 |
| Baby monitor (Room monitoring) | 24 |
| ECO DECT | 25 |
| Protection from undesired calls | 26 |

Contents

| Phone settings | 29 |
|--|----|
| Date and time | 29 |
| Country and language (if available) | 30 |
| Display | 30 |
| Tones and signals | |
| System | |
| Firmware update | 34 |
| Connections | 35 |
| Service (Customer Care) | 36 |
| Guarantee Certificate - United Kingdom and Ireland | 37 |
| Manufacturer's advice | 38 |
| Authorisation | 38 |
| Data protection | 38 |
| Environment | 38 |
| Care | 39 |
| Contact with liquid | 39 |
| Technical data | 40 |
| | |



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

Overview



- 1 Status bar (→ p. 13)

 Icons display current settings and operating
- 2 Name of the handset
- 3 Date and time (p. 29)

status of the telephone

4 Display keys and functions (→ p. 12)

Various functions, depending on the operating situation

5 Message key

Access to the call and message lists;

flashes: new message or new call

New messages in the call list / network mailbox list are shown on the display by message **New messages**.

6 Talk key / Handsfree key

Accepting call; selecting displayed number open redial list

Press briefly

Start dialling

Press and hold

7 End call key / On/Off key

End call; Cancel function; one level back

Press briefly

Back to idle mode, switch handset on/off

Press and hold

8 Control key (→ p. 11)

Open menu; mute;

Open directory;

Adjust volume;

Navigate in menus and entry fields

9 Key 1

Call answering machine / network mailbox

Press and **hold**

10 Recall key

Consultation call (flash)

Press and hold

11 Hash key / Lock key

Lock/unlock the keypad; enter a dialling pause

Press and hold

Toggle between upper/ lower case and digits Press briefly

12 Star kev

Switching the ringtone on/

Press and **hold**

Switch from pulse dialling to Press briefly tone dialling

13 Microphone

(i)

If multiple functions are listed, the button function depends on the situation.

The colour and shape of your device may be different from the illustration.

Symbols used in the user guide

Icons



Warnings, the non-adherence to which can result in damage to devices or personal injury.



Important information regarding function and appropriate handling or functions that could generate costs.



Prerequisite for carrying out the following action.



Additional helpful information.

Buttons

| 1 4 | Talk/Handsfree key | # -0 | Hash key |
|------------|--------------------|----------|--------------|
| • | End call key | * 4 | Star key |
| | Control key | 0 8 | Recall key |
| 0 _ to 9 | Digit/letter keys | Menu, OK | Display keys |

Procedures

Example: Enabling/disabling Auto Answer:

| Step | Actions required |
|----------------------|--|
| ▶ Menu | Press the Menu display key. |
| ▶ | Use the control key 🚺 to navigate to entry Settings. |
| ▶ OK | Press OK to confirm. 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 📜. |
| ▶ OK | Enable or disable it using OK . Function is enabled \(\sqrt . |

Safety precautions



Read the safety precautions and the user guide before use.



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

If the LAN or Internet connection is down, functions that require an Internet connection are not available, such as Internet telephony (VoIP), online directories and the Info Center. You are able to make and receive calls if the phone is connected to an analogue landline.

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



Use only rechargeable batteries that correspond to the specification (see list of permitted batteries www.gigaset.com/service). 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.



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



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



Use only the power adapter indicated on the device.

Whilst charging, the power socket must be easily accessible.



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



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



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.



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").

Getting started

Package contents

 One handset, two batteries, one battery cover, one charging cradle with power adapter and one user guide



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

Never expose the telephone to heat sources, direct sunlight or other electrical devices. Protect your telephone from moisture, dust, corrosive liquids and vapours.

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

This device is only suitable for a maximum installation height of 2 m.

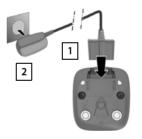
Connecting a handset

Connect the charging cradle

- Connect the flat plug of the power adapter 1
- ▶ Plug the power adapter into the socket 2

To remove the plug from the charging cradle again:

- Press the release button 3.
- Pull out the plug 4.





Setting up the handset for use

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

Inserting the batteries



Only use rechargeable batteries, as this could otherwise result in significant health risks and personal injury. For example, the outer casing of the batteries could be 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 with the polarity in the right direction (refer to the picture for +/- positions).



- Fit the battery cover from the top.
- Push the cover closed until it clicks into place.



To re-open the battery cover:

 Grip the notch on the cover and slide it downwards.

Charging the batteries

 Before using batteries the first time, fully charge them in charging cradle.

The batteries are fully charged when the battery icon **f** disappears from the display.





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

Over time, the charging capacity of the batteries will decrease for technical reasons.

Setting up and registering a handset

When you switch on the handset for the first time, an installation assistant starts automatically, with which you can select the language and country (if available), and register the handset to a base/router.

Selecting the language

► Select the required language ► OK ... The language selected is set as the display language

Selecting the country (if available)

▶ Select the country where you use the phone ▶ OK ... Country-specific settings are configured

Getting started

Registering a handset

The handset is in Register mode.

On the base / router

Gigaset base: Press and **hold** the Register/Paging key on the base for about

3 seconds

Other base/router: $\blacktriangleright \ \ \ \ \, \text{Information on the registration procedure} \, \, \\ \ \, \bullet \, \text{Documentation for your}$

base/router

Once registration is complete, the handset returns to idle mode.

Cancelling the register process: ▶ Press the End call key 🕝

The phone is now ready for use.



If the assistant is interrupted, such as by an incoming call or because the charge level is too low, the installation assistant restarts as soon as the handset is back in idle mode.

Manually register the handset

A handset can also be registered manually.

► Menu ► Settings ► OK ► Registration ► Register Handset

Some Gigaset bases and bases/routers from third party manufacturers might not be fully compatible with the handset and not all functions are displayed correctly. In such cases, register the handset manually and use option **Legacy (GAP) Registration**.

▶ Menu ▶ Settings ▶ OK ▶ Registration ▶ Legacy (GAP) Registration

This registering guarantees correct displays on the handset, but can entail restrictions for some functions.

De-registering a handset

► Menu ► Settings ► OK ► Registration ► Deregister Handset

Data protection notice

Connecting the device to the Internet via an IP base or a router automatically creates a connection to the Gigaset Support Server with regular transmission of information specific to the device. This information is used for firmware updates for example, or for the provision of Internet services.

For more information on data stored: www.gigaset.com

Using the phone

Switch the handset on and off

Switching on: When the handset is switched off, press and hold the End call key



Switching off: When the handset is in idle mode, press and hold the End call key



When you place a switched off handset into the charging cradle, it switches itself on automatically.

Lock/unlock the keypad

The keypad lock prevents any accidental use of the phone.

Lock/unlock the keypad: ▶ #- Press and hold

Keypad lock enabled: The O- symbol is shown on the display



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

It is also not possible to call emergency numbers when keypad lock is enabled.

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.

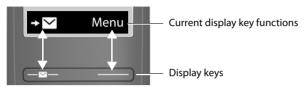
In the description below, the side of the control key is marked with an arrow (up, down, left, right) that must be pressed in the different operating situations, e.g. for "press right on the control key".

| In idle mode | During a conversation |
|--|---|
| Open the menu | Mute the microphone |
| Select audio settings | Adjust the loudspeaker volume for receiver and handsfree mode |
| Open the directory | Open the directory |
| Make internal call / open list of handsets | Initiate an internal consultation call |

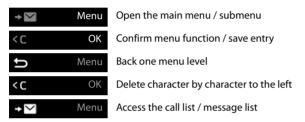
Display

Display keys

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



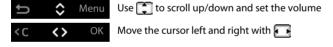
▶ Press the display key ... Function shown in display above.



Changing the assignment of the right display key in idle mode

▶ Press and **hold** the right display key ▶ 📑 Select the function ▶ **OK**

Display functions accessed from the 🔁 control key



Status bar

Icons display current settings and the status of the phone.

TO Keypad lock activated

Xi Ringtone deactivated

Radio contact between the base and handset

(i) (ii) (iii) (ii

ECO DECT mode No Radiation enabled

Answer machines

O O Local answer machine switched on (if available)

Battery charge level

The f symbol is shown at the front during the charge process.

Flashing Battery almost flat (less than 10 minutes of talk time)

Menu navigation

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

- ▶ When the phone is in **idle**, press the Display key **Menu** or the control key **(right)** ... the menu opens
- ▶ Use the control key 🚺 to scroll to the function required ▶ Confirm with **OK**

Back one level: Press the key or briefly press the End call key

Return to idle: Press and hold the End call key 👩

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

Making calls

| Making a call ► Press the Talk key The number is dialled |
|---|
| To change the receiver volume during a call: ▶ Use to set the volume |
| Ending a call / cancelling dialling: ▶ Press the End call key 👩 |
| On a base with several phone connections (e.g. a Gigaset base with Internet access or a router) |
| The number is selected via the send connection (line) set for the handset. To use another line: |
| ▶ Press and hold the Talk key ► Select the line ► OK ► Enter the number ► Dial |
| Dialling from the directory |
| ▶ Open the directory with Scroll to the required entry Press the Talk key |
| Or |
| ▶ Open the directory with |
| When a directory is also provided by the base: |
| Press and hold the button The base directory is opened Scroll to the required entry Press the talk key |
| or |
| ▶ Menu ▶ Directory ▶ Select directory ▶ Scroll to the required entry ▶ Press the Talk key |
| Briefly pressing the control key normally opens the local directory of the handset. Press and hold the button to open the base directory. You can change this assignment. |
| Dialling from the redial list |
| The list contains the 10 numbers last dialled with the handset. |
| ▶ Press briefly Select entry |
| Managing entries in the redial list |
| ▶ Press briefly Select Select Select Select function OK |
| Possible functions: Use Number / Copy to Directory / Delete Entry / Delete List |
| Dialling from the call list |

Open the call list: ▶ Press the Display key ▶ ♠ Call List ▶ OK
▶ ♦ Scroll to the required entry and press the ▶ Talk key

Dialling with speed dial key



Entries from the directory are assigned to keys 2 to 9.

▶ Press and **hold** the guick dial key to which the required number is assigned

One touch call

A predefined number is dialled by pressing **any** key. This allows children, who are unable to enter a number, to call a certain number for example. Enabling one touch call mode:

Menu ► Call Manager ► OK ► Cone Touch Call ► OK ► Activation ► OK ► The Inter the number or use to take it from the directory ► OK (= enabled)
 Make a one touch call: ► Press any key ... the saved number is dialled

Make a one touch call: Cancel dialling:

Press the End call key

End one touch call:

▶ Press and hold the # → key

Accepting a call

The handset indicates an incoming call by ringing and by a display on the screen.

Press the Talk key

Function **Auto Answer** enabled: ▶ Simple take the handset out of the charging cradle Enabling function **Auto Answer**:

Menu ► Settings ► OK ► Telephony ► OK ► Auto Answer ► OK
 (Auto Answer ► OK

Switch the ringtone off: ▶ Mute...The call can continue to be accepted whilst it is being shown on the display

Handsfree mode

In handsfree mode, you switch on the loudspeaker so that you can hear the caller without holding the handset to your ear.

Enabling/disabling handsfree mode during a call and when listening to the answer machine:

Press the handsfree key

Placing the handset in the charging cradle during a call:

- ▶ Press and hold down the Handsfree key ▶ Place the handset into the charging cradle Adjusting the loudspeaker volume:
- Menu ▶ Audio Settings ▶ OK ▶ Call Volume ▶ OK ▶ Handsfree ▶ OK ▶ Use to adjust the volume ▶ OK

Muting

▶ During a call, press the control key [(right) ... The handset microphone is switched off

Call with three subscribers

(only on a CAT-iq router or a base with Internet access)

Accepting/rejecting Call Waiting

Another subscriber calls during a conversation. The call is indicated by Call waiting and shown on the display:

Reject the call: Reject

Accept the call: Accept ... the first call is put on hold

Holding calls

Put call on hold to initiate a query call.

Menu ▶ Hold Call ... If music on hold is enabled on the base, the other person hears the melody

Query calls / Call swapping

During a call or in state Call on hold, call a second subscriber.

End an active call:

- ▶ Menu ▶ ☐ End Active Call ... The active call is ended, the call held becomes active again Switch between two callers (call swapping):
- ► Press up/down on the control key

Transferring a call

An active call is forwarded to a person on hold.

Menu ▶ Forward Call . . . the two callers are connected together, your own connections are ended

Initiating a conference call

You have one active and one held call. Speak to both at the same time:

▶ Conf. . . . all three people are connected together

End a conference call: ▶ End

Calling Line Identification

During a call, the caller's number is transferred (CLI = Calling Line Identification) and can be displayed on the recipient's display (CLIP = CLI Presentation). When the caller's number is withheld, it is not show on the called party's display. The call is made anonymously (CLIR = CLI Restriction).



You have authorised your network provider to show the number of the caller (CLIP) on your display.

The caller has authorised the network provider to send the phone number (CLI).

Caller display for incoming calls

Calling Line Identification

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

No Calling Line Identification

Instead of name and number, the following is displayed:

- · External Call: No number is transferred.
- Withheld: Caller has withheld Calling Line Identification.
- Unavailable: Caller has not authorised Calling Line Identification.

Network services

(dependent on base and must be supported by provider)

Next call is anonymous

When the function is enabled, sending of the call number is suppressed for outgoing calls.

Menu ▶ Select Services ▶ OK ▶ Select the connection as required ▶ OK ▶ Withhold Number ▶ OK (= enabled)

Call divert

When the function is enabled, incoming calls over the connection selected are diverted to the call number specified.

- Menu ▶ Select Services ▶ OK ▶ Select the connection as required ▶ OK ▶ Call Divert ▶ OK
- ▶ ☐ Finter the number ▶ OK

When No Answer is selected, set the delay time:

▶ □ Delay ▶ OK ▶ □ Select the time (5 - 30 seconds) ▶ OK

Call/message lists

Information on events stored in lists on the base can be displayed on the handset. Which events are collected depends on the base, such as:

- Call list: Numbers of all incoming, outgoing and missed calls
- Answer machine list: Messages on the local answer machine (if available)
- Network mailbox list: Messages on the network mailbox

An advisory tone sounds as soon as a **new entry** appears on one of the lists. The default setting is the message key flashing (= left display key) and the following shown on the display:

+ number for missed calls

+ number for new voice messages

Call list

Prerequisite: CLIP



The call list display is dependent on the base and can differ from the display in the user quide.

Opening the call list

Press the display key → ✓ ... The list selection is opened → Call List → OK → Select the call type as required (All Calls / Accepted Calls / Outgoing Calls / Missed Calls) → OK

The entry shows: number of new entries + number of old, read entries

Open list:

OK ... The last incoming call is displayed

CallsList 01+02

▶ Use to scroll through the list

Using other functions (depending on the base)

▶ Select entry ▶ Menu ▶ Use to select the function:

Delete Entry Delete current entry

Copy to Dir. Copy an entry to the directory
Copy to Blacklist Copy a number to the black list

Delete List Delete all entries

Note: All old and new entries are deleted

Message list

You can listen to messages on the answer machine (if available) or the network mailbox from the answer machine list network mailbox list.

Open the answer machine list:

▶ Press the Display key → ✓ ... The list selection is opened ▶ 🚺 Voice Mail ▶ OK

Open the network mailbox list:

▶ Press the Display key ► ... The list selection is opened ▶ Network Mailbox ▶ OK

Directory

Local directory

The local directory is unique to a handset. Entries can be sent to other handsets however $(\rightarrow p, 20)$.

Up to 150 phone numbers (max. 30 digits) with associated names (max. 16 characters) can be stored.

Open the directory: ▶ Press down the control key
or: ▶ Menu ▶ Directory ▶ OK



Briefly pressing the control key normally opens the local directory of the handset. Press and hold the button to open the base directory. You can change this assignment.

Creating a directory entry

First entry:

► Q. . . . No entries. New entry? ► OK ► P Enter the phone number ► OK ► P Enter the name ► OK

More numbers:

▶ Menu ▶ New Entry ▶ OK ▶ Enter the phone number ▶ OK ▶ Enter the name ▶ OK

Marking an entry as VIP

Every existing entry can be marked as a VIP contact. VIP contacts are assigned their own ringtones and are displayed with symbol VIP in the directory and when they call.

Creating a VIP entry:

▶ Use to scroll to the entry you want to make a VIP contact ▶ Menu ▶ Select VIP Caller Melody ▶ OK Select the ringtone melody ▶ OK

Resetting a VIP mark: Select No Melody as the ringtone melody

| Directory |
|--|
| Selecting/editing the directory entry |
| • Qpen the directory |
| Use to scroll to the entry until the required name is selected |
| or |
| ▶ Enter the first character of the name ▶ scroll as required with 🕽 to the entry |
| Display number: ► Menu ► Show Number ► OK |
| Change entry: Menu ▶ ☐ Edit Entry ▶ OK ▶ Delete characters with change entry with ▶ OK |
| Assigning quick-dial keys |
| ▶ |
| Clearing a key assignment: |
| ▶ |
| Deleting a directory (entry) |
| Deleting a directory entry |
| ▶ |
| Deleting a directory |
| ► |
| Transferring a directory (entry) to another handset |
| The sending and receiving handsets must both be registered with the same base. |



The other handset and the base are able to send and receive directory entries.

Transferring a directory entry to another handset

▶ 🕠 Select entry ▶ Menu ▶ 🗘 Send Entry ▶ OK ▶ 🗘 Select internal number of the recipient handset **> OK**

Transferring a directory to another handset

► Menu ► Send List ► OK ► Select internal number of the recipient handset ► ОК

Base directory

If the DECT base (on an CAT-iq router for example) provides a separate directory, it can also be displayed and edited on the handset.

► Menu ► ☐ Directory ► OK ► ☐ Basestation Directory ► OK or

▶ Press and **hold** the Control key

For information on the base directory: -> Documentation relating to your base/router

Changing the assignment of the control key to a directory

Briefly press the control key to open the preferred directory. The default directory is the local one. Changing the preferred directory:

Menu ▶ ☐ Directory ▶ OK ▶ ☐ Preferred Directory ▶ OK ▶ ☐ Select Local Handset
 Directory or Basestation Directory ▶ OK

The preferred directory is the one

- opened with the control key
- into which a number is transferred using when it is dialled
- in which a search is performed for the right name for a phone number (such as for an incoming call for showing in the display or when transferring a call to a list)

Transferring directory (entry)

Transferring a phone entry from the local to the base directory

► Select the entry ► Menu ► Send Entry ► OK ► to Basestation Directory ► OK

Sending a local directory to the base

Sending the base directory to the handset

On the handset to which the directory is to be sent:

▶ 🔲 ▶ Menu ▶ 🖨 Receive List ▶ OK

Answering machine

Local answer machine (if available)

If the handset is registered with a base with answering machine, you can use it with the handset. Enabling/disabling the answer machine:

Menu ▶ Answering Machine ▶ OK ▶ Answ. Mach. ▶ OK (= enabled)

Play back messages:

▶ Press the Display key ► ✓ ▶ ... The list selection is opened ▶ Voice Mail ▶ OK

Recording a personal announcement/advisory message:

Menu ► Answering Machine ► OK ► Announcements ► OK ► Rec announce. ► OK ► Start recording? ► OK ... You hear the ready tone (short tone) ► Record the announcement (min. 3 seconds) ► Confirm with OK

Network mailbox



The network mailbox is **registered** with the network provider and enabled on the phone.



To enable and disable the network mailbox, use a number and function code from your network provider. Please contact the network provider if you require any further information.

Playing messages:

▶ Press the Display key → ... The list selection is opened ▶ ♠ Network Mailbox ▶ OK



You can also use key 1 or menu **Answering Machine** to access the messages on the answering machine.

Additional functions



The functions actually available on your telephone and how they are operated depends on the base/router to which the handset is registered.

The procedure required for your telephone may differ from the procedures described here.



Additional information

Regarding the telephone system, if the handset is connected to a Gigaset base:

→ User guide for your Gigaset telephone

Regarding the telephone system, if the handset is connected to another base/router:

Documentation regarding your base/your router

All Gigaset user guides are available from

→ www.gigaset.com/manuals

Alarm clock



Date and time have been set.

Turning the alarm clock on and off

- Menu ► Alarm Clock ► OK ► Activation ► OK (= turned on)
- ▶ Enter the wake-up time in minutes and second ▶ OK

Alarm clock turned on: Instead of the date, the display shows the wake-up time and left of it the alarm clock symbol.

Setting/changing the wake-up time

Menu ▶ ♠ Alarm Clock ▶ OK ▶ ♠ Wake-up Time ▶ OK ▶ ☐ Enter the wake-up time in hours and minutes ▶ OK

Setting days

Select when the alarm is to be active, daily or only on workdays.

Menu ▶ Alarm Clock ▶ OK ▶ Occurrence ▶ OK ▶ Select Daily / Monday-Friday ▶ OK

Turning off the wake-up call

A wake-up call is shown on the display and indicated by the ringtone melody selected.

▶ Off ... The alarm call is switched off for 24 hours

or

Press Later or any key . . . Snooze is shown on the display, the alarm call is repeated after five
minutes

Baby monitor (Room monitoring)

When the baby monitor is switched on, the stored external phone numbers or all handsets registered to the phone (internal) are called as soon as a defined noise level is exceeded in the vicinity of the handset. The alarm to an external number is cancelled after about 90 seconds.

You can answer the alarm using the **Two-Way Talk** function. This function is used to switch the loudspeaker of the handset located in the baby's room on or off.

In baby monitor mode, incoming calls are only indicated on the display (without ringtone). The display backlight is reduced to 50%. Advisory tones are deactivated. Advisory tones are disabled. All keys with the exception of the display keys are disabled.

If you accept an incoming call, the baby monitor mode is suspended for the duration of the call, but the function **remains** activated. The baby monitor mode is not deactivated by switching the handset off and on again.



The handset should be positioned 1 to 2 metres away from the baby. The microphone must point towards the baby.

Activating the function reduces the operating time of your handset. For that reason, place the handset in the charging cradle if necessary.

The baby monitor is activated 20 seconds after switching on.

The answer machine for the destination number must be switched off.

After switching on:

- ▶ Test sensitivity.
- ▶ Test the connection, if the alarm is being forwarded to an external number.

Activating and setting the baby monitor

▶ Menu ▶ Baby Monitor ▶ OK

Enable/disable:

► Activation ► OK (= enabled) ... if a phone number to call is already entered, the baby monitor is enabled immediately

Entering/changing call number:

▶ Call Target ▶ OK ▶ Select Internal or External Call ▶ OK ▶ for External Call, enter phone number ▶ OK

Baby Monitor and the number to call are displayed when the baby monitor is enabled and in idle mode.

Activate/deactivate two-way talk:

► Two-Way Talk ► OK (= enabled)

Deactivate baby monitor / Cancel alarm

Deactivate the baby monitor:

In idle status press the display key Off

Cancel the alarm: Press the End call key alarm during an alarm

Deactivate the baby monitor remotely



The alarm is forwarded to an external destination number.

The receiving phone supports tone dialling.

▶ Accept alarm call ▶ Press keys 9 #

The baby monitor is deactivated and the handset is in idle status. The baby monitor settings on the handset (e.g. no ringtone) will remain activated until you press the display key **Off**.



The baby monitor cannot be reactivated remotely.

Reactivate: - p. 24

ECO DECT

(depending on the base)

The device range is set to maximum by default. This guarantees the best connection between handset and base. In idle mode, the handset does not transmit (it is radiation-free). Only the base maintains contact with the handset, using weak wireless signals. During a call, the transmit power automatically adapts to the distance between base and handset. The shorter the distance to the base, the lower the radiation.

Reducing radiation by up to 80%

Enabling/disabling the maximum range:

Menu ▶ Settings ▶ OK ▶ ECO DECT ▶ OK ▶ Max. Range ▶ OK (= range and radiation reduced)



It is not possible to use a repeater to increase the range.

Disabling radiation in idle mode

The wireless signals of the base are also disabled with the No Radiation setting.

Menu ▶ Settings ▶ OK ▶ SECO DECT ▶ OK ▶ No Radiation ▶ OK (= Radiation disabled)



All handsets registered must support this feature.

For speedy set-up of connections for incoming calls, the handset keeps switching to "ready to receive" momentarily. This increases the power consumption and so reduces the standby and talk times.

When **No Radiation** is enabled, there is no range display / range alarm on the handset. Contactability can be tested by attempting to establish a connection.

▶ Press and **hold** the Talk key ... the ringing tone sounds.

Protection from undesired calls

Black list

(depending on the base)



The incoming call number is sent (CLIP).

You can enter up to 32 numbers in a black list. When the black list is enabled, calls from black list numbers are blocked.

Undesired incoming calls can be blocked two ways:

Visual Only An incoming call is not signalled acoustically, it is only shown on

the display.

Full Suppression An incoming call is blocked completely.

Specifying the type of display: -> p. 28



The black list only applies for the handset. When you connect a handset to a base or router without a blocking function, the local black list might not be available. In such cases, use option **Legacy (GAP) Registration** to register the handset. The local black list of the handset is then available.

The black list has a higher priority than the VIP list. A VIP call is also blocked when the number is in the black list.

Enabling/disabling the black list

► Menu ► Call Manager ► OK ► Blacklist ► OK ► Activation ► OK (= enabled)

Displaying the black list

Menu ▶ Call Manager ▶ OK ▶ Blacklist ▶ OK ▶ Blocked Numbers ▶ OK . . . The list of blocked callers is displayed ▶ Use to scroll through the list

If an entry contains a name, the name is displayed. An entry without name is displayed with the phone number.

If the list is empty, No entries. New entry? is displayed (→ p. 27).

Creating an entry

► Enter the number ► OK ► Enter the name ► OK



If you create an entry for an existing number, the existing entry is overwritten by the new name.

Creating an entry for an incoming call or during an active conversation:

Press the display key Copy to Blacklist ... The number of the incoming or active call is transferred to the black list

Creating an entry from the call list:

Displaying/editing an entry

Menu ▶ Call Manager ▶ OK ▶ Blacklist ▶ OK ▶ Blocked Numbers ▶ Select an entry ▶ Menu

Displaying the number: ▶ Show Number ▶ OK

Deleting an entry/list

Remove oldest entry

Menu ▶ Call Manager ▶ OK ▶ Blacklist ▶ OK ▶ Blocked Numbers ▶ Select an entry ▶ Menu

Deleting an entry: ▶ ☐ Delete Entry ▶ OK

Deleting the black list: ▶ Delete List ▶ OK

Specifying rules for the complete black list

Specify what happens when the maximum number of entries in the black list is reached and a new entry is created.

Menu ► Call Manager ► OK ► Blacklist ► OK ► Rule for Full List ► OK ► Select the option required (= selected)

Do not add new entries The new entry can not be created. You receive an error

message.

The new entry is created, the oldest is deleted.

Remove least used entryThe new entry is created. The entry with the number

blocked the fewest times is deleted.

Showing of blocked calls on the display

Menu ► Call Manager ► OK ► Blacklist ► OK ► Visual Only / Full Suppression ► OK (= enabled)

Save calls from blocked numbers not in the call list

Menu ► Call Manager ► OK ► Blacklist ► OK ► Do Not Save in Call List ► OK
 (Do Not Save in Call List ► OK

Enabling/disabling ringtone with time control

Enter a time period during which the handset should **suspend** ringing to indicate external calls, such as during the night.

Enabling/disabling Time Control

Menu ► Call Manager ► OK ► Time Control ► OK ► Activation ► OK
 (= enabled)

Setting the time period

Menu ▶ Call Manager ▶ OK ▶ Time Control ▶ OK ▶ Settings ▶ OK ▶ Off from: Enter the 4-digit time ▶ OK ▶ Off until: Enter the 4-digit time ▶ OK

Off for anonymous calls

You can set your **handset** so that it does not ring for calls where Calling Line Identification has been withheld. The call is only signalled on the display.

Menu ► Call Manager ► OK ► Mute Anonym. Calls ► OK (= enabled)

Phone settings

Date and time

Setting

Set the date/time so that the correct date and time can be assigned to incoming calls and to enable the alarm to be used.

Menu ▶ Settings ▶ OK ▶ Date and Time ▶ OK ▶ Set Date and Time ▶ OK ▶ Enter the date (day, month and year) in 8-digit format ▶ OK ▶ Enter the time (hours and minutes) in 4-digit format ▶ OK

Accept

Specifying the time source

(only on a CAT-ig router or a base with Internet access)

Specify whether you want to set the time manually for the handset or take the time from the network.

Menu ► Settings ► OK ► Date and Time ► OK ► Master Time ► OK ► Select Manual or Network ► OK (= selected)

Set the time for this action

If date and time are also to be sent to your phone by your network operator (or a router/PABX) during calling line identification, you can specify whether and when these are accepted:

- ▶ Menu ▶ $\boxed{*}$ $\boxed{\#}$ $\boxed{0}$ $\boxed{5}$ $\boxed{\#}$ $\boxed{7}$ $\boxed{3}$... The digit for the current setting flashes:
 - 1 = Never
 - 2 = Once, if the date and time are not set on your phone or
 - 3 = Always
- ► Enter the required digit ► OK

Setting the time format

Display the time in 12-hour format instead of 24-hour format.

Menu ► Settings ► OK ► Date and Time ► OK ► Time Format ► OK ► Select 24-hour or 12-hour ► OK = selected)

Changing the calendar

Show the date in Persian calendar format not the Gregorian.

Menu ► Settings ► OK ► Date and Time ► OK ► Calendar ► OK ► Select Gregorian or Persian ► OK (= selected)

Country and language (if available)

Country

Select the country where you use the phone.

Menu ► Settings ► OK ► Country ► OK ► Select the country ► OK
 (Select the country ► OK

Display language

Menu ► Settings ► OK ► Language ► OK ► Select the language ► OK
(Select the language ► OK



If you accidentally choose a language you do not understand:

Menu ▶ 4 2 Press keys one after the other ▶ Select the language ▶ OK

Display

Screensaver

The screensaver is enabled when the phone is not used over a longer period of time. The time is shown as the screensaver.

Menu ▶ Settings ▶ OK ▶ Display ▶ OK ▶ Screensaver ▶ OK ▶ Select the required option (= enabled)

Large dial keys

Show large dial keys when dialling

Menu ▶ Settings ▶ OK ▶ Display ▶ OK ▶ Larger Font ▶ OK = enabled)

Contrast

Adjust the display contrast on 9 levels.

Menu ► Settings ► OK ► Display ► OK ► Contrast ► OK ► Select the level ► OK

Backlight

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

Menu ► Settings ► OK ► Display ► OK ► Backlight Control ► OK ► Display On Out of Charg. or Display On In Charger ► OK (= enabled)



The Display On Out of Charg. setting reduces the standby time.

During a call, the display is off

During a call, the display normally stays on. When the function is enabled, the display is switched off during calls.

Menu ► Settings ► OK ► Display ► OK ► Backlight Control ► OK ► Display Off During Calls ► OK (= enabled)



If the function is disabled, talk time is reduced.

The display flashes for new messages

Menu ► Settings ► OK ► Display ► OK ► Backlight Control ► OK ►
 Flash Display for Notifications ► OK (= enabled)

Enabling the info ticker

(only on a Gigaset base with Internet access)

When info services are set up on the base, text information can be displayed as ticker information in idle mode, such as weather and news headlines.

Menu ► Settings ► OK ► Display ► OK ► Info Ticker ► OK = enabled)

Tones and signals

Call volume

Adjust the receiver volume or handsfree function on 5 levels.

Menu ► Audio Settings ► OK ► Call Volume ► OK ► Earpiece / Handsfree ► OK ... The current setting is displayed ► Select the volume ► OK

Changing the volume during a call

During a call, set the volume of the receiver on 5 levels.

▶ Press the control key ▶ set the volume with

Tone quality

Change the tone quality of the receiver to how you want it.

Menu ▶ ♠ Audio Settings ▶ OK ▶ ♠ Acoustic Profile ▶ OK ▶ ♠ Low / High ▶ OK
(► = selected)

Ringtone volume (ringer volume)

Adjust the volume of the ringtone on 5 levels or select the Crescendo tone.

Menu ► Audio Settings ► OK ► Ringer Volume ► OK ► Select volume or Crescendo ► OK (= selected)

Ringtone melody

Set the ringtone melody for external calls, internal calls or the alarm.

Menu → Audio Settings → OK → Ringtones (Handset) → OK → Select External Calls / Internal Calls / Alarm Clock → OK → Select ringtone required → OK (= selected)



If several connections are available, a separate ringtone can be selected for every connection.

Disabling/re-enabling the ringtone permanently

When the phone is idle, press and * a hold the Star key. When the ringtone is disabled, symbol * is shown on the display.

Deactivating the ring tone for the current call

▶ Menu ▶ Silent ▶ OK



A display key (such as **Mute**) is also available to disable the ringtone. This is dependent on the base.

Enabling/disabling advisory and warning tones

The handset provides acoustic notification of different activities and statuses.

Advisory tone: e.g. keypress tones, error tone, a new message

Battery warning tone:

The battery charge falls below a certain level during a call.

Range warning tone:

The handset moves outside the range of the base.

You can enable and disable advisory and warning tones separately.

Menu ► Audio Settings ► OK ► Advisory Tones / Battery Low / Out-of-Range
 Warning ► OK

Music on hold

(depending on the base)

You can choose whether an external caller hears music on hold during an internal consultation or when a call is being forwarded.

Menu ▶ # □ # □ 0 □ 5 # □ 1 □ 7 ... The digit for the current setting flashes:
 0 = disabled; 1 = enabled ▶ • enter required digit ▶ OK

System

Changing the system PIN

(depending on the base)

Menu ► Settings ► OK ► System ► OK ► System PIN ► OK ► Later the current 4-digit system PIN (default: 0000) ► OK ► Later the new 4-digit system PIN ► OK

Resetting the system PIN

(depending on the base)

Resetting the base to the original PIN code 0000:

▶ Remove the power cable from the base ▶ Keep pressed the Registration/paging key on the base ▶ At the same time, reconnect the power cable to the base ▶ press and hold the key for at least 5 seconds . . . the base is reset and the system PIN is set to 0000



All handsets are de-registered and must be re-registered. All settings are reset to the defaults.

Resetting the handset

You can reset individual settings. Entries in the directory and call list, and the handset's registration to the base, are maintained.

Menu ▶ Settings ▶ OK ▶ System ▶ OK ▶ Reset Handset ▶ OK ... Perform factory reset? ▶ OK

Resetting the base

(depending on the base)

A reset disables mode No Radiation, resets individual settings and deletes all lists.

The system PIN is reset to the original code **0000**.

The time and date are not affected. The answer machine (if available) is not ready until after about 15 seconds after the base is reset.

Resetting the base from the menu

The handsets remain registered. The system PIN is **not** reset.

Menu ► Settings ► OK ► System ► OK ► Reset Base ► OK... Reset? ► OK

Resetting the base using a key on the base

All handsets are de-registered. The system PIN is set back to the original code 0000.

Remove the power cable from the base ▶ Keep pressed the Registration/paging key on the base ▶ At the same time, reconnect the power cable to the base ▶ Keep the key pressed for at least another 5 seconds

Firmware update

(depending on the base)

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 and be connected to the Internet

- → www.gigaset.com/compatibility
- ► Menu ► 🚺 Settings ► OK ► 🚺 Firmware Update ► OK

Showing the current firmware version:

▶ Current Version ▶ OK

Updating firmware:

▶ **C** Update ▶ OK ... If there is new firmware, the update is started



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

Automatically check whether there is new firmware:

Menu ► Settings ► OK ► Firmware Update ► Automatic Check ► OK
 (= enabled)

If new firmware is available for the handset, a message to this effect is displayed.

▶ Start the firmware update with **OK**.

Connections

(only on a CAT-ig router)

On the router, multiple connections can be set up and assigned to the handsets. You can configure the following connection settings on the handset.



On a Gigaset base with Internet access, you can also set up different connections and assign them to handsets.

→ User guide for your Gigaset base

Change the name of a connection (line)

Menu ► Settings ► OK ► Telephony ► OK ► Connections ► OK ... All available connections (lines) are displayed ► Select connection ► OK ► Connection
 Name ► Change name of connection ► OK

Assigning handsets to a connection (line)

Multiple handsets can be assigned to a connection. Incoming calls to the number designated to a connection will be forwarded to all handsets assigned to the connection.

Menu ► Settings ► OK ► Telephony ► OK ► Connections ► OK ► Select connection ► OK ► Assigned Handsets ► OK ... all registered handsets are displayed ► Select handset ► OK (= handset is assigned)

Permit/prevent multiple calls

When the function is enabled, multiple calls can be made in parallel.

Menu ► Settings ► OK ► Telephony ► OK ► Connections ► OK ► Select connection ► OK ► Multiple Calls ► OK (= enabled)

Permit/prevent internal listening in

When the function is enabled, an internal party can listen in to an external call and take part in the conversation (conference).

Menu ► Settings ► OK ► Telephony ► OK ► Connections ► OK ► Select connection ► OK ► Listening-In ► OK

Service (Customer Care)

Step by step towards your solution with Gigaset Customer Care www.gigaset.com/service.



Visit our Customer Care pages

Here you will find:

- Frequently asked questions
- · Free software and user manual downloads
- Compatibility checks



Contact our Customer Care team

Couldn't find a solution in the FAQs section? We are happy to help...

... online:

via our contact form on the customer service page

... by telephone:

United Kingdom

Service Hotline: 020 36953111

(local call cost charge)

Ireland

Service Hotline: 0818 200 033

(6.6561 Ct./Call)

Please have your proof of purchase ready when calling.

Please note that if the Gigaset product is not sold by authorised dealers in the national territory the product may not be fully compatible with the national telephone network. It is clearly specified on the box near the CE mark for which country/countries the equipment has been developed. If the equipment is used in a manner inconsistent with this advice or with the instructions of the manual and on the product itself, this may have implications on the conditions for warranty or guarantee claims (repair or exchange of product).

In order to make use of the warranty, the product purchaser is asked to submit a receipt which proves the date of purchase (date from which the warranty period starts) and the type of goods that have been purchased.

For questions about VoIP access, please contact the respective service provider.

Guarantee Certificate - United Kingdom and Ireland

Without prejudice to any claim the user (customer) may have in relation to the dealer or retailer, the customer shall be granted a manufacturer's Guarantee under the conditions set out below:

- In the case of new devices and their components exhibiting defects resulting from manufacturing and/or
 material faults within 24 months of purchase, Gigaset Communications shall, at its own option and free of
 charge, either replace the device with another device reflecting the current state of the art, or repair the
 said device. In respect of parts subject to wear and tear (including but not limited to, batteries, keypads,
 casing), this warranty shall be valid for six months from the date of purchase.
- This Guarantee shall be invalid if the device defect is attributable to improper care or use and/or failure to
 comply with information contained in the user manuals. In particular claims under the Guarantee cannot
 be made if:
- The device is opened (this is classed as third party intervention)
- Repairs or other work done by persons not authorised by Gigaset Communications.
- · Components on the printed circuit board are manipulated
- · The software is manipulated
- Defects or damage caused by dropping, breaking, lightning or ingress of moisture. This also applies if
 defects or damage was caused by mechanical, chemical, radio interference or thermal factors (e.g.: microwave, sauna etc.)
- Devices fitted with accessories not authorised by Gigaset Communications
- This Guarantee shall not apply to or extend to services performed by the authorised dealer or the
 customer themselves (e.g. installation, configuration, software downloads). User manuals and any software supplied on a separate data medium shall be excluded from the Guarantee.
- The purchase receipt, together with the date of purchase, shall be required as evidence for invoking the Guarantee. Claims under the Guarantee must be submitted within two months of the Guarantee default becoming evident.
- Ownership of devices or components replaced by and returned to Gigaset Communications shall vest in Gigaset Communications.
- This Guarantee shall apply to new devices purchased in the European Union. For Products sold in the
 United Kingdom and in the Republic of Ireland the Guarantee is issued by: Gigaset Communications UK
 Limited, 2 White Friars, Chester, CH1 1NZ.
- Any other claims resulting out of or in connection with the device shall be excluded from this Guarantee.
 Nothing in this Guarantee shall attempt to limit or exclude a Customers Statutory Rights, nor the manufacturer's liability for death or personal injury resulting from its negligence.
- The duration of the Guarantee shall not be extended by services rendered under the terms of the Guarantee.
- Insofar as no Guarantee default exists, Gigaset Communications reserves the right to charge the customer for replacement or repair.
- The above provisions do not imply a change in the burden of proof to the detriment of the customer.

To invoke this Guarantee, please contact the Gigaset Communications helpdesk. This number is also to be found in the accompanying user guide.

Manufacturer's advice

Authorisation

This device is intended for use worldwide. Use outside the European Economic Area (with the exception of Switzerland) is subject to national approval.

Country-specific requirements have been taken into consideration.

Hereby, Gigaset Communications GmbH declares that the radio equipment type Gigaset A690HX-AS690HX is in compliance with Directive 2014/53/EU.

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

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.

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: www.gigaset.com/privacy-policy

Environment

Our environmental statement

We at Gigaset Communications GmbH are aware of our social responsibility. That is why we actively take steps to create a better world. In all areas of our business – from product planning and production to sales and waste of disposal – following our environmental conscience in everything we do is of utmost importance to us.

Learn more about our earth-friendly products and processes online at www.gigaset.com.

Environmental management system



 $Gigaset \, Communications \, GmbH \, is \, certified \, pursuant \, to \, the \, international \, standards \, ISO \, 14001 \, and \, ISO \, 9001.$

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.

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



If the device comes into contact with liquid:

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

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

Technical data

Batteries

Technology: Nickel metal hydride (NiMH)

Size: AAA (Micro, HR03)

Voltage: 1.2 V

Capacity: 400 - 1000 mAh

Handset operating times/charging times

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

| Standby time (hours) | 180 / 110* |
|---|------------|
| Talktime (hours) | 12 |
| Operating time for 1.5 h of calls per day (hours) | 90 / 70* |
| Charging time in charging cradle (hours) | 4.5 |

^{*} No Radiation switched on/off, without display backlight in idle mode

Power consumption of the handset in the charging cradle

When charging: approx. 2.10 W
To maintain the charge status: approx. 1.30 W

General technical specifications

| DECT standard | supported |
|----------------------------------|--|
| GAP standard | supported |
| CAT-iq | Certified in accordance with standard CAT-iq 2.0 with HD Voice www.dect.org/cat-iq-certification.aspx |
| SUOTA | Supported |
| Radio frequency range | 1880 - 1900 MHz |
| Range | up to 300 m outdoors, up to 50 m indoors |
| Power supply | 230 V ~/50 Hz |
| Transmission power | 10 mW average power per channel, 250 mW pulse power |
| Ambient conditions for operation | +5°C to +45°C, 20% to 75% relative humidity |

Character set tables

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 shown in sequence for selection

Standard characters

| | 1x | 2x | 3x | 4x | 5x | бх | 7x | 8x | 9x | 10x | 11x | 12x | 13x | 14x | 15x |
|------|-----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|
| 1 🛥 | 1 | £ | \$ | ¥ | ¤ | | | | | | | | | | |
| 2 | a | b | C | 2 | ä | á | à | â | ã | ç | | | | | |
| 3 | d | e | f | 3 | ë | é | è | ê | | | | | | | |
| 4 | g | h | i | 4 | ï | ĺ | ì | î | | | | | | | |
| 5 | j | k | _ | 5 | | | | | | | | | | | |
| 6 | m | n | 0 | 6 | ö | ñ | ó | ò | ô | Õ | | | | | |
| 7 | р | q | r | S | 7 | ß | | | | | | | | | |
| 8 | t | u | ٧ | 8 | ü | ú | ù | û | | | | | | | |
| 9 | w | Х | У | Z | 9 | ÿ | ý | æ | Ø | å | | | | | |
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1) Space

Index

| _ | CLI, Calling Line Identification | . 17 |
|--|---|------|
| A | CLIP, CLI Presentation | . 17 |
| Accepting a call | CLIR, CLI Restriction | |
| Adjusting the call volume (handset) | Conference call | . 16 |
| Adjusting the ringtone melody (handset) 32 | Connecting the charger cradle | 8 |
| Anonymous calling | Connection | |
| Answer | assigning handset | . 35 |
| Answer machine | change name | |
| Answer machine list | Connection, settings | |
| Assistant for set-up | Contact with liquid | |
| Authorisation | Control key | |
| | accessing display functions | |
| В | Country | |
| Baby monitor | Customer Care | . 36 |
| activation | | |
| deactivation | D | |
| Backlight30 | Data protection | 38 |
| Base | Date and time | , 50 |
| restore to defaults | accept | 29 |
| Base directory | set | |
| send list to handset | Directory | |
| Battery | assign quick-dial key | |
| charge level | delete | |
| charging9 | opening | |
| insert9 | preferred | |
| recommended batteries 40 | saving the first number | |
| Black list | selecting an entry | |
| rules | sending entry/list to base | |
| Broken display | sending entry/list to basesending entry/list to handset | |
| broken display | VIP contacts | |
| <u> </u> | Directory entry | |
| C | delete | 20 |
| Calendar, Persian | Directory key, change assignment | |
| Call | Disabling wireless module | |
| blocking | Display | |
| external | adjust contrast | . 30 |
| forwarding | anonymous | |
| Call divert | broken | |
| Call list | external call | |
| functions | icons | 6 |
| opening | large dial keys | |
| Call swapping | phone number (CLIP) | |
| Call waiting | unknown | |
| Calling external | Display backlight | . 30 |
| Calls | Display functions | . 12 |
| | Display keys | |
| making an external call | functions | |
| Cancel the alarm (baby monitor) 25 Care 39 | Disposal | |
| Care of the device | <u> </u> | |
| | E | |
| Changing the call volume | ECO DECT | 25 |
| during a call | | . 25 |
| permanently | Emergency numbers not possible | 7 |
| Character set (handset) 41 | | |
| Character set (handset) | Enabling/disabling advisory tones | |
| Charging time of handset | Enabling/disabling music on hold | . 52 |

42

| Enabling/disabling the battery tone 32 | Line |
|--|--|
| End call key | Liquid39 |
| Entering characters | List answer machine |
| Liviloillicit | calls18 |
| F | network mailbox |
| - | Listening to a message (network mailbox)22 |
| Firmware update | Lock/unlock the keypad5, 11 |
| G | M |
| Guarantee Certificate | Making calls |
| Guarantee Certificate | accepting a call |
| | Medical equipment |
| H | Menu |
| Handset | opening |
| assigning connection | Menu navigation |
| display language | Messages key |
| resetting | Messages list |
| setting (personalisation) | Microphone |
| setting up9 | Multiple calls |
| switching on/off11 | Muting |
| update34 | N |
| use as a baby monitor | |
| Handsfree | Network mailbox |
| key | listening to message |
| mode | Network mailbox list |
| volume 31 | dialling from the directory14 |
| Hash key5 | displaying caller's number (CLIP) |
| Hearing aids7 | suppress |
| | |
| • | 0 |
| Insert a dialling pause | On/Off button |
| Internal insterning in | Operating time of handset |
| Outage7 | Outage |
| Outage | Internet connection |
| K | LAN connection |
| Key 15 | P |
| Keys | Package contents { |
| control key | Phone number |
| end call key | select from call list |
| handsfree | select from redial list |
| hash key5 | Playing back |
| key 1 | messages (network mailbox)22 |
| messages | Power adapter |
| star key5 | Power consumption (handset) 40 |
| talk key5 | Preferred directory21 |
| talk key | Protection from calls, black list |
| L | Put on hold |
| LAN connection | 0 |
| Outage7 | Q |
| Language | Query call |
| set with assistant9 | Quick dial number |
| Last number redial | Quick-dial key |
| | assign |

Index

| | Settings for connections | 35 |
|--|------------------------------------|----|
| R | Set-up assistant | 9 |
| Radiation-free | Specifying the time source | |
| Recall key | Speed dial key | |
| Receiver | Star key | |
| change volume (during a call)14, 31 | Status bar | |
| change volume (permanently) | SUOTA | 34 |
| tone quality31 | Switching off | |
| Reducing radiation | handset | 11 |
| Refer to Changing the call volume for the ringtone | Switching on | |
| volume | handset | 11 |
| Reset (base) | Symbol | 6 |
| Reset (handset) | answer machine | |
| Ringtone | battery charge level | 13 |
| enable/disable time control 28 | keypad lock | |
| Ringtone (handset) | keys | 6 |
| disable for anonymous calls 28 | procedures | 6 |
| switch on/off from menu | radio contact | 13 |
| switch on/off with key 5, 32 | ringtone | 32 |
| Room monitoring | System PIN | |
| | changing | 33 |
| S | resetting | 33 |
| Safety precautions7 | | |
| Screensaver | T | |
| Searching | Talk key | 5 |
| in the directory | Tone quality of the receiver | |
| Send | Turning off the wake-up call | |
| base directory to handset 21 | Turning the alarm clock on and off | |
| Sending | | |
| directory entry to base | U | |
| Sending a directory entry | • | _ |
| to a handset | Upper/lower case and digits | |
| Service | | |
| Setting the time format | V | |
| Setting the wake-up time | VIP contact | 19 |
| Setting up handset | | |

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