

Gigaset A415A/AS405A/A455A

The handset at a glance

- Charge status of the batteries
- Answering machine icon
- Signal strength
- Display keys
- End call key and On/Off key
- Talk key/Handsfree key
- Control key** (🔄)
 - Audio settings
 - INT Internal call
 - Directory
 - Muting during a call
- Key 1**
 - Open answering machine/network mailbox
- Star key**
 - Ringers on/off (press and hold); with an open connection: switch from pulse dialling to tone dialling (press briefly)
- Key 0/recall key**
 - Consultation call (flash): press and hold
- Hash key**
 - Keypad lock on/off (press and hold); toggles between upper/lower case and digits; inserts a dialling pause (press and hold)
- Microphone



Please note

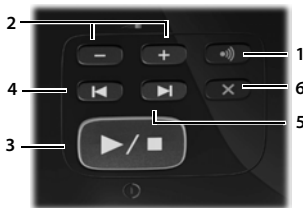
New messages in the calls list/answering machine list/network mailbox list are indicated in the display by the message **New messages**, the left display key flashes (if set → page 8).

Handset display keys:

Pressing a key launches the function that appears above that key in the display.

Display	Function when pressed
📞	Open calls list (→ page 8).
Menu	Open main/submenu (see menu overview → page 22).
⏪	Go back one menu level.
⬆️	Scroll up/down or adjust volume with 🗲.
⬅️	Move cursor to left/right with 🗲.
⏮	Backspace deletes one character at a time.
OK	Confirm menu function or save entry.

The base station at a glance



- Registration/Paging key:**
 - Search for handsets (press **briefly**, paging → page 11).
 - Register handsets (press and **hold** → page 12).
- Volume keys:** (- = quieter; + = louder)
 - During message playback: adjust the speaking volume.
 - While the phone is ringing: adjust the ringer melody volume.
- Play/Stop key:**
 - Switch answering machine on and off (press and **hold**); play back new messages from answering machine (press **briefly**); during message playback: cancel playback (press **briefly**).
 - Lights up:** answering machine is activated.
 - Flashes:** at least one new message is present or message is played back or being recorded.
 - Flashes very quickly:** memory is full.

During message playback:

- Skip to the start of the current message (press once) or go to the previous message (press twice).
- Go to the next message.
- Delete current message.

Gigaset service contact numbers:

For personal advice on our range of products and for repairs or guarantee/warranty claims call:

Service Centre UK: 020 369 53111 (local call cost charge)

Service Centre IE: 0818 200 033

Please have your proof of purchase ready when calling.

ECO DECT

During a call, the transmission power is automatically adjusted to the distance between handset and base station, the smaller the distance, the lower the transmission power (radiation). In idle status the transmission power of the handset is switched off. Only the base station ensures contact with the handset using low radio signals.

Your phone offers you the opportunity to further reduce the transmission power:

1) Reducing transmission power (eco mode)

If the setting **Max. Range** is switched to off (menu tree → page 23), the transmission power in standby mode and during a call is reduced up to 80% at half range.

2) Deactivating transmission power (eco mode+)

With the setting **No Radiation** (menu tree → page 23), you turn off the transmission power of the base station in standby mode completely. Please note:

- ◆ All registered handsets must support this feature.
- ◆ For quick connection of incoming calls the handset repeatedly switches to reception mode for short periods. This increases energy consumption and therefore reduces the standby and talk times.

Safety precautions



Read the safety precautions and the user guide before use.

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

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



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.



Use only **rechargeable batteries** that correspond to the **specification** (see "Specifications"). 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.



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.



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 "Specifications").

First steps

Check the package contents

Base station and handset package: One Gigaset handset, one Gigaset A415A/AS405A/A455A base station, one mains adapter, one phone cord, two batteries, one battery cover, one user guide.

Handset and charging cradle package: One Gigaset handset, one charging cradle with mains adapter, two batteries, one battery cover, one user guide.

If you have purchased a **model with multiple handsets**, the package should contain two batteries, a battery cover and a charging cradle with mains adapter for each additional handset.

Setting up the base station and charging cradle (if included)

The base station and charging cradle are designed for use in enclosed dry rooms with a temperature range of +5 °C to +45 °C.

- ▶ Set up the base station at a central location on a flat, non-slip surface in your house or apartment. You can also mount the base station and charging cradle on the wall.

Please note

Pay attention to the range of the base station. This is up to 300 m in unobstructed outdoor areas and up to 50 m inside buildings.

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

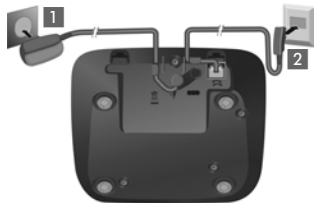
Care: Wipe down the base station, the charging cradle and the handset with a **damp** cloth (no solvents) or an antistatic cloth. **Never** use a dry cloth. This can cause static.

Please note:

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

Connecting the base station

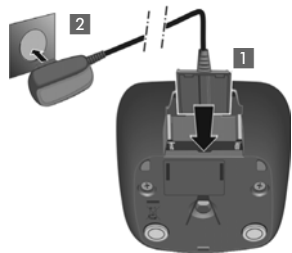
- ▶ **First** connect the mains adapter **1**.
- ▶ **Then** connect the telephone jack **2** and insert the cables into the cable ducts.



Please note:

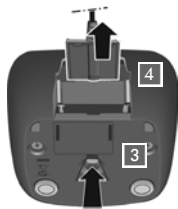
- ◆ The mains adapter must always be connected, as the phone will not operate without mains connection.
- ◆ Only use the mains adapter and phone cord supplied. Pin connections on telephone cables can vary.
- ◆ The answering machine is ready for use approx. 30 seconds after the base station has been connected.

Connecting the charging cradle (if included)



- ▶ Connect the flat plug from the power supply **1**.
- ▶ Plug the mains adapter into the plug socket **2**.

If you need to disconnect the plug from the charging cradle, press the release button **3** and disconnect 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 and closing the battery cover

Warning

Use only the rechargeable **batteries** recommended by Gigaset Communications GmbH (→ page 17), i.e., never use conventional (non-rechargeable) batteries as this could result in significant health risks and personal injury. For example, the batteries could explode. The phone 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 correct direction.

The polarity is indicated in the battery compartment.



- ▶ Insert the battery cover from the top.
- ▶ Then slide the cover upwards until it clicks into place.



To open the battery cover, for instance to replace the batteries:

- ▶ Reach into the notch at the top of the cover and slide the cover downwards.



Initial charging and discharging of the batteries

The correct charge status can only be displayed if the batteries are first fully charged and discharged.



- ▶ Charge the handset in the base station/charging cradle for **6 hours**.

Please note

The handset must only be placed in the designated Gigaset base station or charging cradle.



- ▶ After charging, remove the handset from the base station/charging cradle and only replace it when the batteries are **fully discharged**.

Please note

- ◆ **Base station and handset package:** The handset is pre-registered with the base station. If you have purchased a **model with multiple handsets**, all handsets will already be registered with the base station. You do not need to register the handset again. However, if a handset is not registered with the base station (**Register HS** or **Put into base** is displayed), please register the handset manually (→ page 12).
- ◆ **Handset and charging cradle package:** please register the handset manually (→ page 12).
- ◆ After the first battery charge **and** discharge, you may place your handset in the charger after every call.
- ◆ Always repeat the charging and discharging procedure if you remove the batteries from the handset and reinsert them.
- ◆ The batteries may warm up during charging. This is not dangerous.
- ◆ After a while, the charge capacity of the batteries will decrease for technical reasons.

Changing the display language


Change the display language if you do not understand the language currently set:

Menu ▶ **4 on** ▶ **2 and** ▶ **1 on** (press the keys one after the other) ▶  (select language) ▶ **OK** (✓ = current language)
▶ Press and hold the end call key  to return to idle status.

Setting the date and time

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

Menu ▶  **Settings** ▶ **OK** ▶ **Date/Time** ▶ **OK** ▶ **Date** ▶  (enter the day, month and year in 6-digit format)
▶ **OK** ▶ **Time** ▶  (enter hours and minutes in 4-digit format) ▶ **OK** (display message: **Saved**)
▶  (press and hold to return to idle status).

You can move the position of an entry to the left or right by pressing the control key left or right .

Please note

If your phone receives the date and time during calling line display (e.g., via your network provider, a router or PABXs), you can specify whether this data should be copied to your phone:

▶ Press the key sequence: **Menu** ▶                        

The following is displayed; the current setting flashes:

973 SET: [0]

▶ Press one of the following keys to specify, when this data should be copied to your phone:

 **Never**

or  **Once**, in case the date/time is not set on your phone

or  **Always**

Your selection is displayed (e.g., 2):

973 SET: [2]







▶ Press the display key **OK**.

Display in idle status


Once the phone is registered and the time set, the idle status is shown as in this example.

Screen display











◆ Reception between the base station and the handset:


- Good to poor:     
- No reception: 

◆ Activating the answering machine:

-  Your answering machine is activated.


◆ Battery charge status:

-  Charged over 66%
-  Charged between 34% and 66%
-  Charged between 11% and 33%
-  Charged less than 11%
-  Flashes: batteries almost empty (less than 10 minutes talktime)
-      Batteries are charging

If **No Radiation** mode (→ page 23) is activated, the  icon is displayed in the top left.



Activating/deactivating the handset

Press and hold the  key to activate or deactivate the handset. If you place a deactivated handset in the base station or charging cradle, it will automatically activate after approx. 30 seconds.


Your phone is now ready for use.

If you have any questions about using your phone, please read the tips on troubleshooting ("Questions and answers", → page 18) or contact our Customer Care team → page 19.

Menu guidance

Your telephone's functions are accessed via a menu consisting of several levels (menu overview → page 22).


Main menu (first menu level)



▶ When the handset is in idle status, press the display key **Menu** or right on the control key  to open the main menu. The functions in the main menu are shown by

Submenus

The functions in the submenu are indicated by name.

Selecting a function:


- ▶ You can scroll between functions using the control key . The function is shown in the display.
- ▶ Press the display key **OK** to select the displayed function. This opens the corresponding submenu and the first entry is displayed.

If you press the display key  or briefly the end call key , the display returns to the previous menu level or you cancel the operation.

Any settings you have not confirmed by pressing the display key **OK** are lost.

Reverting to idle status



From any point in the menu:




- ▶ Press and hold the end call key  or
- ▶ Do not press any key: after 2 minutes, the display will **automatically** revert to idle status.


Making calls

Making external calls and ending calls

External calls are calls using the public telephone network.

 (Enter the phone number) ▶ .

The phone number is dialed. (Or you can **first** press and hold talk key  [dial tone] and then enter the number.) During the call you can adjust the earpiece volume using  and set the volume with .

End the call/cancel dialling: Press the end call key .

You can automatically insert a network provider dialling code before any phone number (▶ page 7).

Accepting a call

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

Press the talk key  to accept the call.

When **Auto Answer** is activated (see menu overview ▶ page 23), simply remove the handset from the base station/charging cradle.

Calling Line Identification


When you get a call, the caller's number will be displayed on your handset; the caller's name will be displayed if it is stored in the directory.

Prerequisites:

- 1 You have asked your network provider for the caller's number (CLIP) to be displayed on your handset screen.
- 2 The caller has asked the network provider for his number to be identified (CLI).



External Call appears in the display if you have not requested CLIP, **Withheld** appears if the caller has withheld CLI, and **Unavailable** appears if CLI has not been requested.

Handsfree operation

In handsfree mode, you activate the loudspeaker so that you can hear the caller without having to hold the handset to your ear. During a call and when listening to the answering machine you can activate or deactivate handsfree mode by pressing the handsfree key .

During the call in handsfree mode you can adjust the handsfree volume by pressing  and set the volume with .

Muting

You can deactivate your handset's microphone during a call. Press the right control key  to mute the handset. Press the control key  again to reactivate the microphone.

Automatic network provider preselection

You can store a call-by-call number (preselection number), which is **automatically** placed in front of numbers when you dial them. If, for example, you wish to make international calls via special network providers, you can save the relevant dialling code here.

In the "With Preselect" list, specify the dialling codes or the first digits of the dialling codes that you wish to assign to the preselection number.

In the "Without Presel." list, enter any exceptions to the "With Preselect" list.

Example:

Presel. Number	0999
With Preselect	08
Without Presel.	081 084

All numbers that start with 08, except for 081 and 084, are dialled with the preselection number 0999.

Phone number	Dialled number
07112345678	▶ 07112345678
08912345678	▶ 0999 08912345678
08412345678	▶ 08412345678

Enter preselection number via menu (→ page 23).

Permanently deactivating preselection: Delete the preselection number with **◀C**.

Temporarily cancelling preselection:

☞ (press and hold) ▶ **Menu** ▶ **☞** Preselect off ▶ **OK** ▶ **☞** (enter number) or **☞** (use number from directory) ▶ The number is dialled without Preselection.

Using the directory and lists

Directory

To open the directory: press control key **☞**.

You can save up to **100** phone numbers (max. 22 digits) with corresponding names (max. 16 characters).

Enter letters/characters → page 16.

Storing the first number in the directory

☞ ▶ **New Entry?** ▶ **OK** ▶ **☞** (enter number) ▶ **OK** ▶ **☞** (enter name) ▶ **OK**

Storing further numbers in the directory

☞ ▶ **Menu** ▶ **New Entry** ▶ **OK** ▶ **☞** (enter number) ▶ **OK** ▶ **☞** (enter name) ▶ **OK**

Selecting a directory entry

Open the directory with **☞**. You have the following options:

- ◆ Use **☞** to scroll through the entries until the required name is selected.
- ◆ Enter the first character of the name and scroll to the entry with **☞**, if required.

Dialling with the directory

☞ ▶ **☞** (select entry) ▶ **☞**

Using other functions

☞ ▶ **☞** (select entry) ▶ **Menu**

The following functions can be selected with **☞**:

New Entry	Save new phone number.
Show Number	Display the phone number.
Show Name	Display the name.
Edit Entry	Edit selected entry.
Use Number	Edit the number or open the directory by pressing the control key ☞ to insert a number from the directory at the current position. Then dial or use other functions with Menu .
Delete Entry	Delete selected entry.
Send Entry	Send a single entry to another handset (→ page 8).
Delete List	Delete all directory entries.
Send List	Send the complete list to another handset (→ page 8).
Shortcut	For shortcuts, assign the current entry to a key.

Calls list

Prerequisite: CLIP (→ page 6)

Depending on the type of list set, the calls list contains (→ page 23):

- ◆ Answered calls
- ◆ Missed calls
- ◆ Calls recorded from the answering machine

Depending on the type of list set, all numbers of the last 25 incoming calls are saved or just the missed calls are saved.

Open the calls list

→☑▶☎▶ CallsList

The calls list is displayed as follows:

Number of new entries + number of old, read entries | CallsList 01+02 |

Press **OK** to open the list.

The last incoming call is displayed. If necessary, use ☎ to select another entry.

Using other functions

☎ (select entry) ▶ Menu

The following functions can be selected with ☎:

Delete Entry	Delete current entry.
Copy to Dir.	Copy an entry to the directory.
Date/Time	Call date and time (if set).
Status	New Call: new missed call. Old Call: entry already read.
Delete List	Warning! All old and new entries will be deleted.
Copy to Blacklist	Copy numbers to the Blacklist (→ page 14).

Calling back a caller from the calls list

→☑▶☎▶ CallsList 01+02▶OK▶☎ (select entry)▶☎

Answering machine list/Network mailbox list

You can use these lists to listen to messages on the answering machine (see "Playing back/deleting messages" → page 10) or network mailbox (→ page 11).

Operating the answering machine

The answering machine is operated via the handset or via the keys on the base station. Information on operating the answering machine via the keys on the base station (→ page 1). The following sections describe operation via the handset.

You can record your own announcement messages using the handset. The pre-recorded announcement is used, if no personal announcement is available.

If the memory is full, **Answer M.full!** appears in the display and the answering machine switches itself off automatically. It activates again automatically when you delete old messages.

The answering machine has already been preset at the factory. Make individual settings using the handset.

How to set a **delay time**, after which the answering machine is to answer a call, as well as how to set the **recording length** and activate **call screening** during the recording, see menu overview (→ page 22).

Activating/deactivating the answering machine

Menu▶☎▶ Answer Machine▶OK▶☎▶ Answ. Mach.▶OK(✓=on)

When you switch on the answering machine, the **AM** icon appears in the display.

Recording your own announcement

Menu▶☎▶ Answer Machine▶OK▶☎▶ Announcements▶OK▶Rec announce.▶OK▶Start recording?▶OK

You hear the ready tone (short tone). Now speak your announcement (at least 3 sec.). Press **OK** to confirm or press ☎ to reject your recording. After recording, the announcement is played back for you to check.

Please note:

Recording ends automatically when the max. recording time of 170 seconds is reached or if there is a break in speaking of more than 2 seconds.

Playing back or deleting announcements

See menu overview → page 22.

Playing back/deleting messages

There are three ways to start playing back messages on the answering machine.

- ◆ Start message playback via the **Answer Machine** menu:

Menu ▶ **Answer Machine** ▶ **OK** ▶ **Play Messages** ▶ **OK**

If you have entered a number for the network mailbox you still need to select the answering machine:

▶ **Answ. Mach.** ▶ **OK**

- ◆ Start message playback via the **answering machine list**:

▶ **Answer M.**

The list is displayed as follows:

Number of new messages + number of old, played back messages | **Answer M.01+02** |

Press **OK** to open the list.

- ▶ Fast access to the answering machine:

To access the answering machine, simply **press and hold** the **[1=]** key. The integrated answering machine has already been preset at the factory. However, if you have set the network mailbox for fast access, you can change this setting

(→ page 22).

If you have new messages, playback will start with the first new message, otherwise with the first old message.

The loudspeaker on the handset switches on automatically. To switch it off, press the handsfree key .

Messages consist of

- ◆ the **message header** (number/date/time) and

- ◆ the **message body** (recorded text).

The header is played back first, then the body. The phone number or the name is displayed.

Stopping and controlling playback

Controlling playback depends on the point in time at which the corresponding key is pressed.

During message playback:

Pause playback. Press again to resume.

or **During playback of message header:** Go to the start of the previous message. Skipping back from the first message jumps to the last message.

During playback of message body: Go to the start of the current message.

or Go to the start of the next message. Skipping forward from the last message jumps to the first message.

During playback of message header: Skip header.

During playback of message body: Go to the body of the next message. Skipping forward from the last message jumps to the first message.

Additional functions during message playback

Press the display key **Menu**. Playback stops.

Select the relevant function using :

Dial Number	Dial number.
Continue	Continue message playback.
Volume	Setting volume.
Copy to Dir.	Copy the caller's number to the directory.
Delete all old	Delete all old messages.
Copy to Blacklist	Copy numbers to the Blacklist (→ page 14).

Deleting an individual message

During playback: Press key **[0=]** or the display key **<<C**.

New messages can only be deleted during playback of message body.

Deleting all old messages

During playback or when paused:

Menu ▶ **Delete all old** ▶ **OK** (Confirm the security prompt)

Accepting a call from the answering machine


You can accept a call while the answering machine is recording it:

Menu ▶ **Accept** ▶ **OK**

You can also accept the call by:

- ◆ Pressing the talk key 
- ◆ Removing the handset from the base station/charger (if **Auto Answer** is activated → page 23)

Please note

When **Call Screening** is activated on the handset and **the call can already be heard** on the handset, you can only accept the call via **Menu** ▶ **Accept** ▶ **OK**. Pressing the talk key/handsfree key  only activates or deactivates the handsfree mode.

Recording stops and you can speak to the caller.



Operating when on the move (remote operation)

You can check your answering machine from any other telephone (hotel, pay phone etc.).

Prerequisites:

- ◆ You have set a system PIN other than 0000 (→ page 23).
- ◆ The phone you are using for remote operation has tone dialling (DTMF) i.e., you hear different tones when you press the keys.


Calling the answering machine and playing messages


 (Dial your own number.) ▶ When you hear your announcement, press  and enter the system PIN.

The following keys are used for operation:

- 1** **During the number/date/time announcement:** Skip to the start of the previous message.
During the message playback: Skip to the start of the current message.
- 2** Stop playback. Press again to resume.
- 3** Go to the next message.
- 0** Delete current message.

Activating the answering machine

 (Enter your own number and allow the phone to ring until you hear the message, "Please enter your PIN code.")

▶  Enter system PIN

Your answering machine is activated. It tells you how much memory time is left. The messages are now played back. The answering machine cannot be deactivated remotely.

Network mailbox

The network mailbox is the answering machine in your provider's telephone network. More information is available from your provider. You cannot use the network mailbox unless you have **requested** it from your provider.

In order to use the network mailbox quickly and easily via the network mailbox list (→ page 8), the menu (→ page 22) and to use fast access (→ page 1), you will need to enter the number in your phone:



Menu ▶  **Answer Machine** ▶ **OK** ▶  **Net Mailbox** ▶  (enter number) ▶ **OK**

Locating a handset (paging)

You can locate your handset using the base station.

▶ **Briefly** press the registration/paging key on the base station (→ page 1).

All handsets will ring at the same time (paging), even if the ringers are switched off.

Ending paging: **Briefly** press the registration/paging key on the base station (→ page 1) or press the talk key  or the end call key  on the handset.

Registering handsets manually

You can register up to four handsets on your base station. **Each additional handset** must be registered on the base station in order for it to work properly!

1) On the handset

Menu ▶ **Settings** ▶ **OK** ▶ **Handset** ▶ **OK** ▶ **Register HS** ▶ Enter the base station system PIN (default setting: 0000) ▶ **OK** ▶ **Registering** is displayed.

2) On the base station

Within 60 seconds, press and **hold** the registration/paging key on the base station (→ page 1) for approx. 3 seconds. There is a tone played if the registration mode is activated.

Registration takes approx. 1 minute. Once the **registration** process has been **completed successfully**, the display briefly shows **HS registered** and returns to idle status. Handsets are assigned the lowest available internal number (1-4). If the internal numbers 1-4 are already assigned to other devices, the number 4 will be overwritten.

De-registering handsets

You can de-register all other registered handsets from each of the registered Gigaset handsets.

Menu ▶ **Settings** ▶ **OK** ▶ **Handset** ▶ **OK** ▶ **De-register HS** ▶ Select the internal party you wish to de-register. The handset you are currently using is indicated by <. ▶ **OK** ▶ Enter the base station system PIN (default setting: 0000) ▶ **OK**

Using multiple handsets

Making internal calls

Internal calls are free calls to other handsets that are registered to the same base station.

2 handsets are registered

Press the control key , the other handset is called.

More than 2 handsets are registered

Calling a specific handset

▶ (1...4, enter internal number of the handset) or
 ▶ (Select the internal party) ▶ **OK** or ▶ the handset is called.

Calling all handsets (group call)

Press and hold or ▶ or ▶ **Call all** ▶ **OK** or ▶ all handsets are called.

When a participant answers you can speak to him. To end the call, press .

Internal consultation call/connecting a call

You are in conversation with an **external** participant. Press the control key and call one or all handsets. The external participant hears the hold music. When the internal participant answers: Announce the external call, if necessary.

Either

press the end call key . The call is transferred to the internal participant,

or

press the display key . You are reconnected with the external participant.

When transferring a call you can also press the end call key before the internal participant answers.

Listening in to an external call

You are conducting an external call. An internal participant can listen in on this call and take part in the conversation (conference). **Prerequisite:** The **Listening in** function must be activated.

Activating/deactivating listening in

Menu ▶ **Settings** ▶ **OK** ▶ **Base** ▶ **OK** ▶ **Listening in** ▶ **OK** (✓ = on)

Internal listening in (conference)

You want to listen in to an existing external call. Press and **hold** the key. You can listen in to the call. All participants hear a signal tone.

To end: press the end call key . All participants hear a signal tone.

If the **first** internal participant presses the end call key , the handset that has "listened in" remains connected to the external participant.

Setting the alarm clock

Activating/deactivating the alarm clock

Menu ▶ Alarm Clock ▶ **OK** ▶ Activation ▶ **OK** (✓ = on)

When activated: ▶ (Set the wake-up time) ▶ **OK**

When the alarm clock rings, press any key to switch it off for 24 hours. If the alarm clock is set, the wake-up icon will appear on the screen and the wake-up time will be displayed instead of the date.

Setting the wake-up time

Menu ▶ Alarm Clock ▶ **OK** ▶ Wake-upTime ▶ **OK**

Enter the wake-up time in hours and minutes, then press **OK**.

Phone settings

For details on activating/deactivating advisory tones and battery low tones, see menu tree (→ page 22).

For details on setting the display contrast and large dialling numbers, see menu tree (→ page 23).

For details on how to set the **system PIN** on the base station, see the menu overview (→ page 23).

Changing the display language

Menu ▶ Settings ▶ **OK** ▶ Handset ▶ **OK** ▶ Language ▶ **OK** ▶ (select language) ▶ **OK**

The current language is indicated by ✓.

If you accidentally choose a language you do not understand:

Menu ▶ 4 on 2 and 3 1 on (press the keys one after the other) ▶ (select language) ▶ **OK**

Changing the handsfree/earpiece volume

In idle status:

▶ Handset Volume ▶ **OK** ▶ Earpiece/Speaker ▶ **OK** ▶ (set the volume level 1 to 5)
▶ **OK** (✓ = selected)

During a conversation via the earpiece or in handsfree mode:

▶ (set the volume level 1 to 5)

The setting will automatically be saved after approximately 3 seconds or press the display key **OK**.

You can also set the handsfree/earpiece volume using the menu **Audio Settings** (→ page 22).

Setting the sound of the earpiece

Adapt the sound of the earpiece to your needs.

◆ **Low:** Standard setting.

◆ **High:** High frequencies are emphasized.

In idle status:

▶ Handset Sound ▶ **OK** ▶ Low/High ▶ **OK** (✓ = selected)

You can also set the sound of the earpiece using the menu **Audio Settings** (→ page 22).

Setting ring tones of the handset

Setting the ringer volume

In idle status:

▶ Ringer Volume ▶ **OK** ▶ (set the volume level 1 to 5 or "Crescendo") ▶ **OK** (✓ = selected)

You can also set the call volume using the menu **Audio Settings** (→ page 22).

Setting the ringer melody

Set different ringer melodies for **External Calls**, **Internal Calls** and the **Alarm Clock**.

In idle status:

▶ Ringer Melody ▶ **OK** ▶ External Calls / Internal Calls / Alarm Clock ▶ **OK** ▶ (select melody)
▶ **OK** (✓ = selected)

You can also set the call volume using the menu **Audio Settings** (→ page 22).

Time Control (day/night mode)

You can specify a time period when you do **not** want the telephone to signal external calls e.g., during the night.

Activating Time Control:

Menu ▶ Settings ▶ OK ▶ Handset ▶ OK ▶ Time Control ▶ OK ▶ Activation ▶ OK (✓ = activated)

Setting time period:

Menu ▶ Settings ▶ OK ▶ Handset ▶ OK ▶ Time Control ▶ OK ▶ Settings ▶ OK
 ▶ Off from: (Enter time in 4-digit format) ▶ OK ▶ Off until: (Enter time in 4-digit format) ▶ OK

Anonymous calls silent

You can set your **handset** so that it doesn't ring for calls where Calling Line Identification has been withheld. The call will only be signalled on the display.

Menu ▶ Settings ▶ OK ▶ Handset ▶ OK ▶ An.Call Silent ▶ OK (✓ = activated)

Activating/deactivating the ringer

Deactivating/reactivating the ringer permanently

In idle status, press and **hold** the star key . If the ringer is deactivated, the icon appears in the display.

Deactivating the ringer for the current call

Menu ▶ Silent ▶ OK

Setting ring tones of the base station

Set the **Ringer Volume**, **Ringer Melody** and the **Time Control** for the base station:

Menu ▶ Settings ▶ OK ▶ Base ▶ OK ▶ Audio Settings ▶ OK
 ▶ Ringer Volume/Ringer Melody/Time Control

Perform the setting analogously to the description in "Setting ring tones of the handset".

Call protection with Blacklist

When activated, calls from numbers in the Blacklist are shown in the display only. Your phone does not ring. You can store up to 15 numbers. The blocked calls are stored in the calls list and recorded on the answer machine. The setting applies to all registered handsets and the base.

Activating/deactivating the Blacklist

Menu ▶ Settings ▶ OK ▶ Base ▶ OK ▶ Additional ▶ OK ▶ Call Protection ▶ OK ▶ Activation
 ▶ OK (✓ = activated)

Editing the Blacklist

- Menu ▶ Settings ▶ OK ▶ Base ▶ OK ▶ Additional ▶ OK ▶ Call Protection ▶ OK ▶ Black List ▶ OK
- ◆ Enter new number: ▶ Menu ▶ New Entry ▶ enter number. ▶ OK
 - ◆ Delete number: ▶ select number. ▶
 - ◆ Close Blacklist: ▶ press End call key .

Copying a number to the Blacklist from the calls list or while playing back a message

From the calls list: ▶ open calls list ▶ (select entry) ▶ Menu ▶ Copy to Blacklist ▶ OK

While playing back a message: ▶ Menu ▶ Copy to Blacklist ▶ OK

Activating/deactivating music on hold

You can set that your external participant hears music in case of internal recall and during call transfer.

Menu ▶ 0 5 1 7 ▶ The number for the current setting flashes: 0 = off; 1 = on ▶ enter number ▶ **OK**.

Repeater mode

With a repeater, you can increase the range of your base station. You will need to activate repeater mode (→ page 23). Repeater mode and **No Radiation** mode (→ page 23) cancel each other out.

Resetting the handset

You can reset individual settings and changes that you have made. Entries in the directory, the calls list and the handset's registration to the base station will be retained.

Menu ▶ **Settings** ▶ **OK** ▶ **Handset** ▶ **OK** ▶ **Reset Handset** ▶ **OK** ▶ **Reset?** ▶ **OK**

Restoring the base station

When restoring factory settings:

- ◆ Individual settings are reset.
- ◆ All lists are deleted.
- ◆ The **No Radiation** mode is deactivated.

The date and time are retained. The answering machine is ready for use approx. 15 seconds after the base station has been reset.

Resetting the base station via the menu

When resetting via the menu

- ◆ Handsets are still registered.
- ◆ The system PIN is not reset.

Menu ▶ **Settings** ▶ **OK** ▶ **Base** ▶ **OK** ▶ **Base Reset** ▶ **OK** ▶ **Reset?** ▶ **OK**

Resetting the base station using the key on the base station

When resetting the base station using the key on the base station

- ◆ All handsets are de-registered and
- ◆ The system PIN is reset to the original code **0000**.

Carry out the following steps: Remove the mains cable from the base station. Hold down the **registration/paging key** on the base station (→ page 1) and reconnect the power cable to the base station at the same time. Hold the key down for at least 5 seconds.

Operating the base station on the PABX/router

Operating on the router

When operating the Gigaset on an analogue port of a router, you can reduce problems with **echoing** by activating the **XES Mode** (→ page 23). If you have no problems with echoing, this function should be deactivated.

Operating on the PABX

The following settings are only necessary when your PABX requires them, see the user guide for your PABX. When entering the digits, enter them **slowly** one after the other.


Changing the dialling mode

Menu ▶ * 0 # → 0 5 # → 1 8 10V ▶ The number for the set dialling mode flashes: **0** = tone dialling (DTMF); **1** = pulse dialling (DP) ▶ enter number ▶ **OK**.

Setting recall

Menu ▶ * 0 # → 0 5 # → 1 0 0 ▶ The number for the current recall flashes: **0** = 80 ms; **1** = 100 ms; **2** = 120 ms; **3** = 400 ms; **4** = 250 ms; **5** = 300 ms; **6** = 600 ms; **7** = 800 ms ▶ enter number ▶ **OK**.

Changing pause after line seizure

You can set the length of the pause inserted between pressing the talk key  and sending the phone number.

Menu ▶ * 0 # → 0 5 # → 1 0 6 ▶ The number for the current pause length flashes: **1** = 1 sec.; **2** = 3 sec.; **3** = 7 sec. ▶ enter number ▶ **OK**.

Changing the pause after the recall key

Menu ▶ * 0 # → 0 5 # → 1 0 2 ▶ The number for the current pause length flashes: **1** = 800 ms; **2** = 1600 ms; **3** = 3200 ms ▶ enter number ▶ **OK**.


Appendix

Entering letters/characters

Standard characters

Press the relevant key the number of times indicated.

Briefly press the hash key # → to switch from "Abc" to "123" mode, from "123" to "abc" mode and from "abc" to "Abc" mode.

	1x	2x	3x	4x	5x	6x	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	í	ì	î							
5	j	k	l	5											
6	m	n	o	6	ö	ñ	ó	ò	ô	õ					
7	p	q	r	s	7	ß									
8	t	u	v	8	ü	ú	ù	û							
9	w	x	y	z	9	ÿ	ý	æ	ø	å					
0		.	,	?	!	0	+	-	:	¿	¡	"	'	;	_
* 0	*	/	()	<	=	>	%							
# →			#	@	\	&	§								

1) Space

Technical Data

Batteries

Technology: Nickel-metal-hydride (NiMH); Size: AAA (Micro, HR03); Voltage: 1,2 V; Capacity: 450 - 1000 mAh

Handset operating times/charging times

Your handset can charge batteries up to a capacity of 1000 mAh. The use of special high-performance batteries or batteries with high capacities is not recommended for cordless phones.

The operating time of your Gigaset depends on the capacity and age of the batteries and the way it is used. (Standby time/talk time/operating time are maximum possible values, charging times are typical values.)

	Capacity (mAh) approx.				
	450	550	700	800	1000
Standby time (hours)	180	250	285	330	405
Talktime (hours)	14	19	22	25	31
Operating time for 1.5 hrs of calls per day (hours), No Radiation mode switched off/on	95/70	130/95	150/110	175/125	215/155
Charging time in base station (hours)	5.0	6.5	7.5	8.5	10.5
Charging time in charger (hours)	4.5	6.0	7.0	8.0	10.0

Due to the constant progression in battery development, the list of recommended batteries in the FAQ section of the Gigaset Customer Care pages is regularly updated: www.gigaset.com/service

Base station power consumption

A415A/AS405A/A455A

In standby mode

– Handset in base station

approx. 0.7 W

– Handset outside base station

approx. 0.65 W

During a call


approx. 0.75 W

General specifications

DECT standard	is supported
GAP standard	is supported
Range	up to 300 m outdoors, up to 50 m indoors
Base station power supply	230 V ~/50 Hz
Environmental conditions in operation	+5 °C to +45 °C, 20% to 75% relative humidity
Radio frequency range	1880-1900 MHz
Transmission power	10 mW average power per channel, 250 mW pulse power

Questions and answers

If you have any queries about the use of your telephone, visit our website at www.gigaset.com/service for 24-hour support. The table below contains a list of common problems and possible solutions.

Problem	Cause	Solution
Nothing appears on the display.	The handset is not switched on. The batteries are flat.	Press the end call key  for approx. 5 seconds or place the handset in the base station. Charge or replace the batteries.
No wireless connection to the base station, Base flashes in the display.	The handset is outside the range of the base station. The base station is not turned on.	Move the handset closer to the base station. Check the mains connector on the base station → page 3.
The display shows Register HS or Put into base .	Handset has not been registered with the base station or has been de-registered.	Register the handset → page 12.
Handset does not ring.	The ring tone is deactivated. The phone only rings if the phone number has been transferred. The phone does not ring in a specific time period.	Activate the ring tone → page 14. Activate the ring tone for anonymous calls → page 14. Deactivate the "Time Control" or change the time period → page 14.
You cannot hear a ringer/dialling tone from the fixed line network.	The phone cord supplied has not been used or has been replaced by a new cord with the wrong jack connections.	Please always use the phone cord supplied or ensure that the pin connections are correct when purchasing from a retailer: 3-4 assignment of telephone leads/EURO CTR37.
Error tone sounds after system PIN prompt. PIN forgotten.	The system PIN you have entered is incorrect.	Reset the system PIN to the default 0000 → page 15. All handsets are de-registered. All settings are reset. All lists are deleted.

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 Disconnect the power supply.**
 - 2 Remove the batteries and leave the battery compartment open.**
 - Allow the liquid to drain from the device.
 - Pat all parts dry.
 - 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.

Service (Customer Care)

Step by step towards your solution with Gigaset Customer Care

www.gigaset.com/service



Visit our Customer Care pages:

www.gigaset.com/service

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...

... by eMail: www.gigaset.com/contact

... 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.

Authorisation

This device is intended for analogue phone lines in the UK and on the Irish network.

Country-specific requirements have been taken into consideration.

Hereby, Gigaset Communications GmbH declares that the radio equipment type Gigaset A415A/AS405A/A455A 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.

Guarantee Certificate United Kingdom

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 treatment and/or failure to comply with information contained in the user guides.
- ◆ 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 guides 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 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 does not imply a change in the burden of proof to the detriment of the customer.

To invoke this Guarantee, please contact the Gigaset Communications telephone service. The relevant number is to be found in the accompanying user guide.

Guarantee Certificate 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 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 does 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.

Exclusion of liability

Your handset display has a resolution of pixels. Each pixel consists of three sub-pixels (red, green, blue).

It may be the case that a pixel is incorrectly controlled or has a colour deviation.

This is normal and no reason for a warranty claim.

The following table shows the number of pixel errors that may occur without leading to a warranty claim.

Description	Maximum number of permitted pixel errors
Colour illuminated sub-pixels	1
Dark sub-pixels	1
Total number of coloured and dark sub-pixels	1



Signs of wear on the display and housing are excluded from the warranty.

Environment

Our environmental mission statement

We, Gigaset Communications GmbH, bear social responsibility and are actively committed to a better world. Our ideas, technologies and actions serve people, society and the environment. The aim of our global activity is to secure sustainable life resources for humanity. We are committed to a responsibility for our products that comprises their entire life cycle. The environmental impact of products, including their manufacture, procurement, distribution, utilisation, service and disposal, are already evaluated during product and process design.

Further information on environmentally friendly products and processes is available on the Internet 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.

Menu overview

Your phone has an extensive range of features. These are offered in the form of menus.

To select a function while the phone is in **idle status**, press **Menu** (open menu), use the control key  to scroll to the function you require and press **OK** to confirm.

To return to idle status: press and hold the  key.

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

Alarm Clock

Activation → page 13

Wake-upTime → page 13

Audio Settings

Handset Volume — Earpiece/Speaker → page 13

Handset Sound — Low/High → page 13

Ringer Volume → page 13

Ringer Melody — External Calls/Internal Calls/Alarm Clock → page 13

Advis.Tones On/off


Battery Low On/off

Answer Machine

Play Messages — Net Mailbox * — Playing back messages on the network mailbox → page 11.

— Answ. Mach. * — Playing back messages on the answering machine → page 10.

Answ. Mach. — Activating/deactivating the answering machine → page 9.

Call Screening — Screening of a message on the handset (handsfree mode) that is being recorded on/off. Deactivate screening for the **actual recording** only: press end call key . (Prerequisite: at least 1 handset with handsfree capability is registered.)



Announcements — Rec announce./Play announce./Del announce. → page 9



Message Length — Maximum/1 Minute/2 Minutes/3 Minutes

Ring Delay — Immediately/10 sec/18 sec/30 sec

Auto — If there are no new messages, the answering machine answers a call after **18 seconds**. If new messages are present, the answering machine answers a call after just **10 seconds**.

Net Mailbox — Enter number of the network mailbox → page 11.

Set Key 1 — Net Mailbox — Assign key  with network mailbox. (In idle status, press and hold key  to dial.)

— Answ. Mach. — Assign key  with answering machine. (In idle status, press and hold key  to dial.)

* number of network mailbox entered

 Settings

Date/Time	→ page 5		
Handset	Language	→ page 13	
	Big Dial Font	Set bigger digits for dialling.	
	Contrast	Set the display contrast to 9 levels.	
	Time Control	Activation/Settings	→ page 14
	An.Call Silent	→ page 14	
	Auto Answer	Activate/deactivate auto answer	→ page 6.
	Register HS	→ page 12	
	De-register HS	→ page 12	
Base	Reset Handset	→ page 15	
	Audio Settings	Ringer Volume	→ page 14
		Ringer Melody	→ page 14
		Time Control	→ page 14
	Call list type	Missed Calls/All Calls	→ page 9
	System PIN	Change system PIN (default is 0000).	
	Base Reset	→ page 15	
	Additional	Repeater	→ page 15
		XES Mode	Activating/deactivating (Activate in case of problems with echos on an analogue port of a router.)
		Call Protection	→ page 14
	ECO DECT	No Radiation/Max. Range	→ page 2
	→ page 2		
	Listening in	→ page 12	
Preselection	Presel. Number/With Preselect/Without Presel.	→ page 7	

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