

**SIEMENS**



**Gigaset C450 IP**

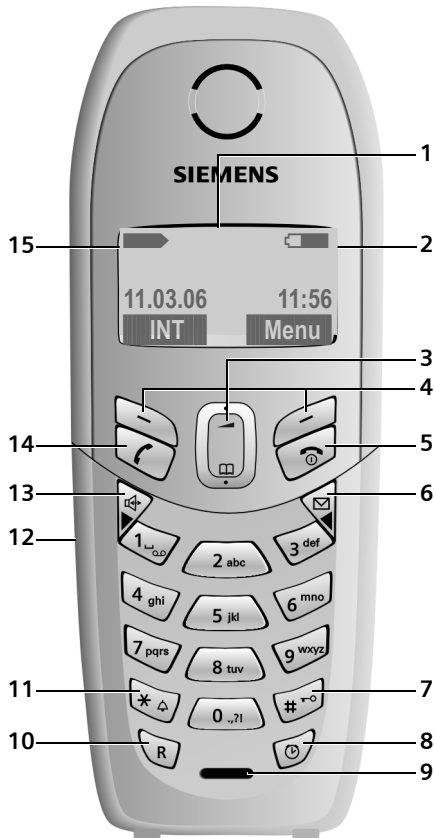
**Gigaset**

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Schlavenhorst 66  
D-46395 Bocholt

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

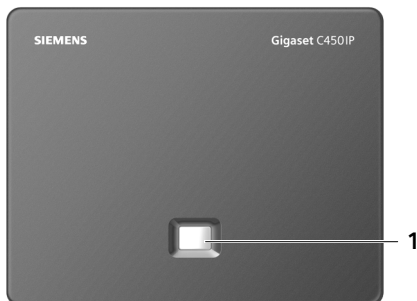
## The handset at a glance



## Handset keys

- 1 **Display** in idle status (example)
- 2 **Battery charge status**
- 3 **Control key** (page 14)
- 4 **Display keys** (page 14)
- 5 **End call key, On/Off key**  
 End call, cancel function, go back one menu level (press briefly), back to idle status (press and hold), activate/deactivate handset (press and hold in idle status)
- 6 **Message key**  
 Open calls and message lists  
 Flashes: new message or new call
- 7 **Hash key**  
 Keypad lock on/off (press and hold, page 14)  
 Toggle between upper/lower case letters and digits for text entry
- 8 **Alarm clock key** (page 18)  
 Activate/deactivate the alarm clock
- 9 **Microphone**
- 10 **Recall key** (not for VoIP connections)  
 Enter flash (press briefly)  
 Insert a pause (press and hold)
- 11 **Star key**  
 Ringtones on/off (press and hold in idle status)
- 12 **Connection socket for headset**
- 13 **Handsfree key**  
 Switch between earpiece and handsfree mode  
 Lights up: handsfree talking activated  
 Flashes: incoming call
- 14 **Talk key**  
 Accept a call, open last number redial list (press briefly in idle status), select connection type and start dialling (press briefly/press and hold after entering the number)
- 15 **Signal strength**

## Base station at a glance



## Base station key

- 1 **Paging key**  
 Lights up: LAN connection active (phone is connected to router)  
 Flashes: data transfer to LAN connection  
 Press **briefly**: start paging  
 Press and **hold**: set base station to registration mode

# Contents

<b>The handset at a glance</b>	<b>1</b>
<b>Base station at a glance</b>	<b>1</b>
<b>Safety precautions</b>	<b>3</b>
<b>Gigaset C450 IP – more than just making calls</b>	<b>4</b>
<b>VoIP – Making calls via the Internet</b>	<b>4</b>
<b>First Steps</b>	<b>5</b>
Pack contents	5
Setting up the handset for use	5
Installing the base station	6
Connecting the base station	7
Making settings for VoIP telephony	8
<b>Menu tree</b>	<b>10</b>
<b>Making calls</b>	<b>13</b>
Making an external call	13
Ending a call	13
Answering a call	13
Switching between earpiece and handsfree mode	13
Dialling the emergency number	13
<b>Operating the handset</b>	<b>14</b>
Switching the handset on/off	14
Activating/deactivating the keypad lock	14
Control key	14
Display keys	14
Returning to idle status	14
<b>Using the directory and lists</b>	<b>15</b>
Directory	15
Last number redial list	15
Opening lists with the message key	15
Dialling with directory/list	16
<b>SMS (text messages)</b>	<b>17</b>
Writing/sending/saving SMS	17
Receiving/reading SMS	17
Managing SMS lists	17

<b>Setting handset/base station</b>	<b>18</b>
Adjusting the loudspeaker volume	18
Setting the ringtone volume	18
Activating/deactivating advisory tones	18
Using the handset as an alarm clock	18
Changing the base station system PIN	19
Setting the default connection	19
<b>Web configurator</b>	<b>19</b>
Connecting your PC to the Web configurator	20
De-registering	20
<b>Appendix</b>	<b>21</b>
Care	21
Contact with liquid	21
Questions and answers	21
Service (Customer Care)	22
Authorisation	23
Specifications	23
Gigaset C450 IP – Free software	24

# Safety precautions

## Caution:

Read the safety precautions and the user guide before use.

Explain their contents to your children, and the potential hazards associated with using the telephone.



Only use the mains adapter supplied, as indicated on the underside of the base station.



Fit only the **recommended rechargeable batteries (page 23)** of the same type! This means that you must never use any other battery type or non-rechargeable batteries as this could result in significant health risks and personal injury.



Insert rechargeable batteries with the correct polarity, and use them according to this user guide (polarity symbols can be seen in the handset's battery compartment, page 5).



The operation of medical appliances may be affected. Be aware of the technical conditions in your particular environment, e.g. doctor's surgery.



Do not hold the rear side of the handset to the ear when it rings or when you have activated on the handsfree function. Otherwise you risk serious and permanent damage to your hearing.

The handset may cause an unpleasant humming noise in hearing aids.



Do not install the base station in bathrooms or shower rooms. The handset and base station are not splashproof (page 21).



Do not use your phone in environments subject to explosion hazard, e.g. paint shops).



If you give your Gigaset to someone else, make sure you also give them the user guide.



All electrical and electronic devices should be disposed of separately from general household waste using the places designated by local authorities.

If this symbol showing a crossed-out rubbish bin appears on a product, this product is subject to the European Directive 2002/96/EC.

The appropriate disposal and separate collection of used devices serve to avoid potential damage to the environment and to health. They are a precondition for the re-use and recycling of used electrical and electronic devices.

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

## Note:

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

## Gigaset C450 IP – more than just making calls

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Your phone lets you make calls both via the fixed network and (cost effectively) via the Internet (VoIP) **without using a PC**. It is secured against Internet **viruses** by its own network interface with protected operating system.

And your phone can do much more besides:

- ◆ By registering a second handset to your base station, you can use one handset to make a call via the fixed network and the other to make a call via the Internet.
- ◆ Configure the phone connection for VoIP without a PC. Your phone's connection wizard downloads general data about your VoIP provider from the Internet and guides you through entering your personal data (account). This makes it easy for you to start using VoIP (page 8).
- ◆ If necessary, establish any further required VoIP settings on a PC. The phone has a Web interface (**Web configurator**) that can be accessed via your PC's Web browser (page 19).
- ◆ Assign your own password (system PIN) to protect your device and the Web configurator from unauthorised access (page 19).
- ◆ You can operate your phone behind a router or a switch (depending on your provider). To operate behind a switch, you may need a firmware update from the Internet.
- ◆ Send and receive SMS messages via the fixed network (page 17).
- ◆ Save 100 phone numbers on your handset (page 15).
- ◆ You can programme the keys of your phone with important phone numbers. The phone number is then dialled by simply pressing the respective key (page 15).
- ◆ Use the handsfree function to keep your hands free when making a call (page 13).
- ◆ Use your handset as an alarm clock (page 18).

**Have fun using your new telephone!**

## VoIP – Making calls via the Internet

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With VoIP (**Voice over Internet Protocol**), your calls are not made via a fixed connection as in the telephone network, but rather they are transmitted via the Internet in the form of data packets.

You can take advantage of all the benefits of VoIP with your phone:

- ◆ You can make cost-effective calls with high voice quality with subscribers on the Internet, the fixed network or the mobile phone network.
- ◆ Your VoIP provider will give you a personal number, with which you can be reached from the Internet, the fixed network and any mobile phone network.

To be able to use VoIP, you need the following:

- ◆ A broadband Internet connection (e.g. DSL) with flat rate or volume-based price
- ◆ Internet access, i.e. you need a router that will connect your phone to the Internet. You can find a list of recommended routers on the Internet at: <http://siemens.com/gigaset>
- ◆ Access to the services of a VoIP provider. Open an account with a VoIP provider.

# First Steps

## Pack contents

The pack contains:

- ◆ one Gigaset C450 IP base station
- ◆ one Gigaset C45 handset
- ◆ one mains adapter for the base station
- ◆ one charging cradle incl. mains adapter
- ◆ one phone cord
- ◆ one Ethernet cable (LAN cable)
- ◆ two batteries
- ◆ one battery cover
- ◆ one belt clip
- ◆ one quick guide

## Documentation

A more detailed description of your Gigaset C450 IP and your Web configurator is available on the Internet at:

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

This full description is in PDF format. You will need Adobe® Reader® to view these documents. Adobe® Reader® is available on the Internet at [www.adobe.com](http://www.adobe.com).

## Setting up the handset for use

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

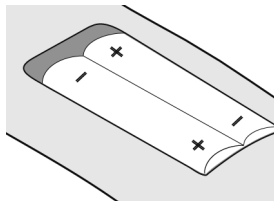
## Inserting the batteries

### Caution:

Use only the rechargeable batteries recommended by Siemens on page 23! This means that you must never use conventional (non-rechargeable) or other battery types as this could result in significant health risks and damage to property. For example, the outer casing of the batteries could be destroyed or 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 the right way round (see figure).

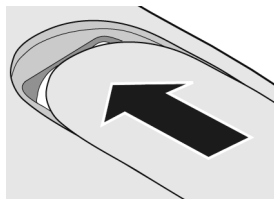
The polarity is indicated in the battery compartment.



The handset switches on automatically. You will hear a confirmation tone.

## Closing the battery cover

- ▶ Place the cover on the battery compartment as shown in the diagram, then push it up until it clicks into position.



## Opening the battery cover

- ▶ Press down on the battery cover below its upper end and slide the cover down.

## Connecting the charging cradle




Connecting the charging cradle and mounting it on the wall (if required) is described at the end of this user guide.

- ▶ To charge the batteries, leave the handset in the charging cradle.

### Notes:

- Only place the handset in the charging cradle that is intended for it.
- If the handset has switched itself off because the batteries are flat and if it is then placed in the charging cradle, it will switch itself on automatically.

### Initial charging and discharging of batteries

Battery charging is indicated in the top right of the display by a flashing battery icon ,  or . During handset operation, the battery icon indicates the charge status of the batteries (page 1).

The correct charge status can only be displayed when the batteries are first fully charged **and** discharged through use.

- ▶ To do this, leave the handset in the charging cradle without interruption until the battery icon stops flashing in the display (approx. 13 hours).
- ▶ Once the batteries are fully charged, remove the handset from the charging cradle and do not put it back again until the batteries are fully discharged.

#### Note:

After the first battery charge **and** discharge, you may replace your handset in the charging cradle after every call.


#### Please note:

- ◆ Always repeat the charging and discharging procedure if you remove the batteries from the handset and insert them in again.
- ◆ The batteries may warm up as they are charging. This is not dangerous.
- ◆ After a while the charge capacity of the batteries will decrease for technical reasons.


### Setting the date and time

**Menu** → **Settings** → **Date/Time**



Enter the day, month and year with 6 digits and press **OK**. Use  to move between the fields.



Enter hours and minutes with 4 digits (e.g. 0 7 1 5 for 07.15 hrs) and press **OK**. Use  to move between the fields.

The date and time are shown in the handset's idle display (page 1).

### Registering the handset to the base station

Your handset is registered to the base station by default.

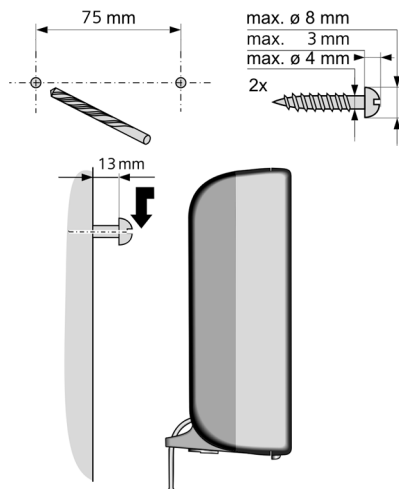
For how to register other handsets to the base station and make internal calls free of charge, please see the full user guide (page 5).

### Installing the base station

The base station is designed for use in closed, dry rooms with a temperature range of +5 °C to +45 °C.

- ▶ Install/hang your base station at a central point in the house.

#### Mounting the base station on a wall



#### Please note:

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

## Connecting the base station

In order to be able to make calls with your phone via the fixed network and via VoIP,

you must connect the base station to the fixed network and the Internet, see Figure 1.

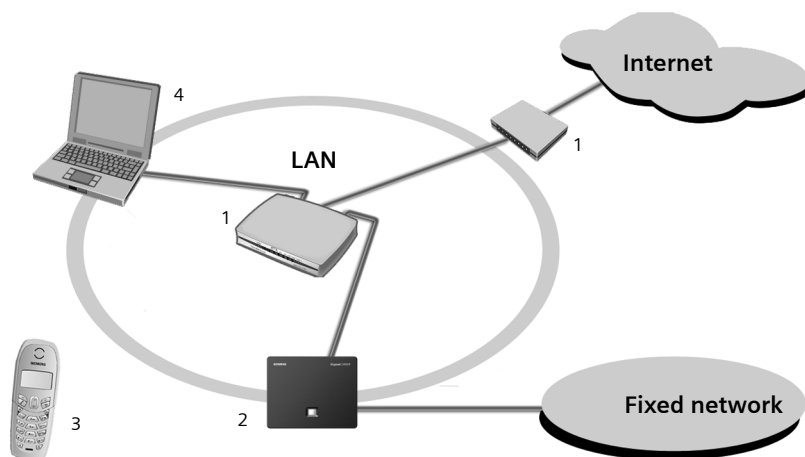


Figure 1 Connecting the phone to the fixed network and the Internet

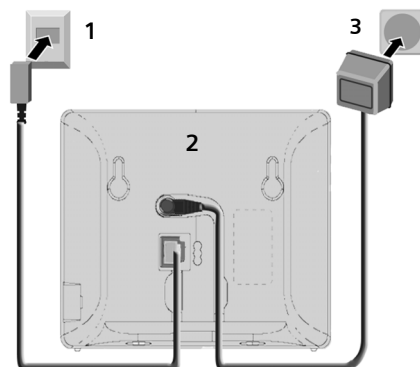
- 1 Internet connection:  
Router with integrated modem or  
router and modem or  
switch and modem
- 2 Gigaset C450 IP base station
- 3 Gigaset C45 handset
- 4 PC in LAN

Follow the steps in the order given below:

1. Connect the base station with the fixed network phone connection
2. Connect the base station with the mains power supply
3. Connect the base station with the router

### Connecting the base station with the fixed network and the mains power supply

- **Please first** connect the phone jack **and then** the mains adapter, as shown below.



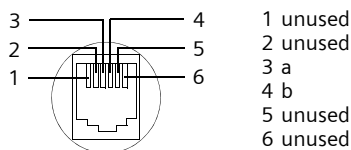
- 1 Phone jack with phone cord
- 2 Underside of the base station
- 3 Mains adapter 230 V



### Please note:

- ◆ Keep the mains adapter **plugged in at all times** for operation, as the phone does not work without mains connection.
- ◆ If you buy a replacement phone cord from a retailer, ensure that the phone jack is connected correctly.

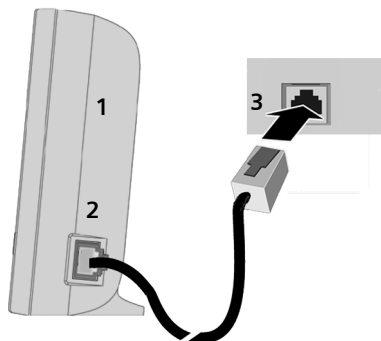
#### Correct phone jack assignment



**You can now use your phone to make calls via the fixed network and can be reached at your fixed network number!**

### Connecting the base station with the router

For Internet access you need a router or a switch, connected to the Internet via a modem (if necessary, this can be integrated in the router).



- 1 Side view of the base station
- 2 Network plug (LAN) with network cable
- 3 Router (or switch) network plug

**As soon as the cable connecting the phone and router is plugged in, the paging key lights up on the front of the base station.**

## Making settings for VoIP telephony

**Precondition:** You have registered with a VoIP provider (e.g. via your PC) and set up an account. The provider must support the VoIP SIP standard.

The following phone settings are necessary in order for you to use VoIP. You will receive all information from your VoIP provider.



- ◆ Your user name with the VoIP provider, if this is required by the VoIP provider
- ◆ Your registration name
- ◆ Your password with the VoIP provider
- ◆ VoIP provider general settings

The connection wizard will help you with the settings.

For many VoIP providers, the connection wizard downloads the general settings directly from the Internet. If your provider settings are not available for download, you must enter the data manually via the Web configurator (page 19).

### Starting the connection wizard

**Precondition:** The base station is connected to the mains power supply and the router.

Once the handset battery is sufficiently charged, the message key  on the handset will flash (around 20 minutes after you have put the handset in the charging cradle). Press the message key  to start the connection wizard.

If the connection wizard starts, a prompt will be displayed:

**Yes** Press the display key to confirm the prompt.

Make the VoIP settings with the help of the connection wizard.

**Note:**

The connection wizard will also start automatically if you try to establish a connection via the Internet, before you have made the necessary settings.

You can also call up the connection wizard at any time via the menu (page 11).

## Making VoIP settings

**Precondition:** The base station is connected to the Internet, i.e. the base station is connected to the router and the router has an Internet connection (page 8).

### Downloading VoIP provider data



Select country and press **OK**.



Select VoIP provider and press **OK**.

The necessary data for your VoIP provider is downloaded and saved on the phone.

**Note:**

If the data for your VoIP provider is not available for download, you can make the necessary settings with the Web configurator (page 19). You can also use the Web configurator to make additional settings for your Internet connection.

## Entering VoIP user data

**Username:**

If this is required by your provider, enter name and press **OK**.

**Authentication Name:**

Enter name and press **OK**.

**Authentication Password:**

Enter password and press **OK**.

If the settings are correct and complete, a message will be displayed to this effect.


**You can now use your phone to make calls via the fixed network and the Internet! Callers can reach you on your fixed network number and your VoIP number!**

**Note:**

To ensure that you can always be reached via the Internet, the router should be permanently connected to the Internet.

# Menu tree

There are two ways to select a function:

- ◆ Using the number combinations in the following menu tree ("shortcut")
  - ▶ **Example:** **Menu** 4 2 2 for "Set handset language".
- ◆ Scrolling through the menus
  - ▶ Press **Menu**, scroll to the function with the control key  and press **OK**

## 1 SMS

1-1	Write Message				
1-2	Incoming 00+00				
1-3	Outgoing				
1-6	Settings	1-6-1	Service Centres	1-6-1-1	Service Centre 1
				...	[to]
				1-6-1-4	Service Centre 4
		1-6-2	Register to Service Centres		

## 2 Alarm Clock

2-1	Activation
2-2	Wake up time

## 3 Audio Settings

3-1	Ringer Volume		
3-2	Ringer Melody	3-2-1	External Calls
		3-2-2	Internal Calls
		3-2-3	Alarm Clock
3-3	Advisory Tones		
3-4	Battery Low	3-4-1	Off
		3-4-2	On
		3-4-3	During Call

## 4 Settings

4-1	Date/Time				
4-2	Handset	4-2-1	Display	4-2-1-1	Screensaver
				4-2-1-2	Colour Scheme
				4-2-1-3	Contrast
				4-2-1-4	Backlight
		4-2-2	Language		
		4-2-3	Auto Answer		
		4-2-4	Register Handset		
		4-2-5	Reset Handset		
4-3	Base	4-3-1	Select Services	4-3-1-2	Network Mailbox
			Only displayed if Default Line Type = fixed line is set.	4-3-1-6	For All Calls
				4-3-1-7	Cancel Ringback
		4-3-2	System PIN		
		4-3-3	Base Reset		
		4-3-4	Additional Features	4-3-4-1	Dialling Mode
				4-3-4-2	Recall
				4-3-4-3	Repeater Mode
				4-3-4-5	Additional Emergency No.
		4-3-6	VoIP Configuration	4-3-6-1	Connection Assistant
				4-3-6-2	Select VoIP Provider
				4-3-6-3	Username
				4-3-6-4	Authentication Name
				4-3-6-5	Authentication Password
				4-3-6-6	IP Configuration
		4-3-7	Default Line Type	4-3-7-1	IP
				4-3-7-2	fixed line
		4-3-8	Firmware Update		

**Menu tree**

**5      Voice Mail**

5-1	Set Key 1	5-1-1	Network Mailbox
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**Not all menu points are described in this quick guide. For a comprehensive description, see the full user guide for your Gigaset C450 IP on the Internet (page 5).**

## Making calls

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### Making an external call

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External calls are those that are made via the public telephone network (fixed network) or the Internet (VoIP). You determine what type of connection you want to use when you dial.

If you want to call a fixed-network subscriber via VoIP, you must always dial the number with the dialling code.





Enter number/IP address and **briefly press/press and hold** the talk key.


A default connection is established on your phone (fixed network or VoIP).

- ▶ **Briefly** press the talk key  if you want to make a call via this default connection.
- ▶ Press and **hold** the talk key  if you want to make the call via the other connection type.

#### Notes:



- You can change the setting for the default connection type (fixed network or VoIP) (page 19).
- To make a call in handsfree mode, you can also press briefly/press and hold the handsfree key  instead of the talk key .

### Cancelling the dialling operation

You can cancel the dialling operation with the end call key .

### Entering an IP address

Via VoIP you can also dial an IP address instead of a phone number.

- ▶ Press the star key  to separate the IP address number blocks from each other (e.g. 149\*246\*122\*28).
- ▶ If necessary, press the hash key  to attach the SIP port number of the person you are calling to the IP address (e.g. 149\*246\*122\*28#5060).

## Ending a call


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Press the end call key.

### Answering a call

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The handset indicates an incoming call in three ways: by ringing, by a display on the screen and by the flashing handsfree key .


You can answer the call by:

- ▶ Pressing the talk key .
- ▶ Pressing the handsfree key .



If the handset is in the charging cradle and the **Auto Answer** function is activated (page 11), the handset will take a call automatically when you lift it out of the charging cradle.

### Switching between earpiece and handsfree mode

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- ▶ Press the handsfree key  to activate/deactivate handsfree talking during a call.

If you wish to place the handset in the charging cradle during a call:

- ▶ Hold down the handsfree key  while placing the handset in the charging cradle. If the handsfree key  does not light up, press the key again.

### Dialling the emergency number

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If a number is saved as an emergency number, it is automatically dialled via the fixed network, regardless of whether you press and hold or briefly press the talk key.




Enter the emergency number and press the talk key.

## Operating the handset

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### Switching the handset on/off

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-  Press and **hold** the end call key.

You will hear the confirmation tone.

### Activating/deactivating the keypad lock

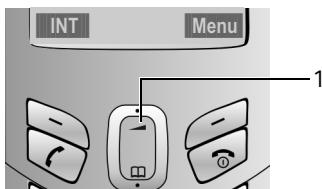
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-  Press and **hold** the hash key.


You will hear the confirmation tone. The  icon appears in the display when the keypad lock is activated.

### Control key

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1 Control key

In this user guide, the side of the control key that you must press in the given operating situation is shown in black (top, bottom). Example:  for "press the top of the control key".

The control key has a number of different functions:



#### When the handset is in idle status

-  Open the directory.
-  Adjust the ringtone volume of the handset (page 18).



#### In lists and menus

-  /  Scroll up/down line by line.

#### In an input field

-  /  Move the cursor **left** or **right**.

#### During an external call

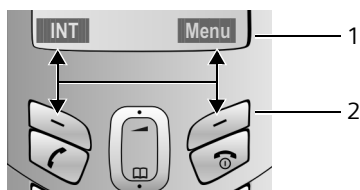
-  Open the directory.
-  Adjust loudspeaker volume for earpiece and handsfree mode.

### Display keys

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The current display functions are shown in the bottom display line in reversed highlights. The function of the display keys changes depending on the particular operating situation.

Example:



1 Current display key functions

2 Display keys

### Returning to idle status

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You wish to return to idle status from anywhere in the menu:

- Press the end call key  and hold.

Changes that you have not confirmed/saved by pressing **OK** will be rejected.


**For additional information on using your Gigaset C450 IP, please see the full user guide (page 5).**

## Using the directory and lists

The options are:

- ◆ Directory
- ◆ Last number redial list
- ◆ SMS list
- ◆ Caller list

### Directory

- ▶ With the handset in idle status, open the directory by pressing the  key.

You can save 100 entries in the directory.

Length of an entry

Number: max. 32 digits


Name: max. 16 characters

#### Notes:

- Always enter the phone number with a dialing code. You will need this if you want to call a fixed network subscriber via VoIP.
- You can assign a number from the directory to a key for speed dialling.

### Storing a number in the directory

 → **Menu** → **New Entry**

 Enter number and press **OK**.

 Enter the name and press **OK**.

### Assigning a key

**Menu** → **Shortcut**

Assign the current entry for quick dial to 0 or one of the keys from 2 to 9.

To dial the number, press and **hold** the appropriate quick dial key.

### Managing directory entries


You can use the directory menu to, e.g.:

- ◆ Change or delete entries or send them to another of the base station's handsets
- ◆ Delete the directory or send it to another handset
- ▶ Select a directory entry and press **Menu** to open the menu.


For additional information, please see the full user guide for your Gigaset C450 IP (page 5).

### Last number redial list

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

- ▶ **Briefly** press the talk key  to open the last number redial list.

### Opening lists with the message key

You can use the message key  to open the following lists:

- ◆ SMS list
- ◆ Network mailbox


If your network provider supports this function and the network mailbox is configured for fast access via key 1 (page 12).


- ◆ Calls list (precondition: Calling Line Identification enabled)

The numbers of the last 30 outgoing calls are saved. Multiple calls from the same number are only saved once (the last call).



## Using the directory and lists

An advisory tone sounds as soon as a **new message** arrives in a list. The message key  flashes. A message appears in the display.


If you press the flashing  key, you will see all the lists that contain new messages. If only one list contains new messages, this will be opened automatically.

### Note:

If calls are saved in the network answering machine you will receive a message if the appropriate settings have been made (see the network mailbox instructions of your network provider).

## Opening list

---



 → If necessary, select list

 Select entry.

For additional information on the lists, please see the full user guide for your Gigaset C450 IP (page 5).

## Dialling with directory/list

---

- ▶ Open directory/list.
- ▶ Select entry with .
- ▶ Briefly press/press and hold the talk key  (page 13).

### Note:

You can only dial IP addresses via VoIP.

## SMS (text messages)

Your unit is supplied ready for you to send SMS messages immediately.

When an SMS is sent, the base station automatically establishes a connection via the fixed network.

### Requirements:

- ◆ Calling Line Identification (CLIP) has been enabled for your telephone connection.
- ◆ Your network provider supports SMS in the fixed network (information on this can be obtained from your network provider).
- ◆ You are registered with your service provider to send and receive SMS.

#### Note:

When you call up the SMS menu for the first time, you are automatically registered with accessible SMS centres whose number you have entered. You can then receive SMS from these SMS centres.

You can enter further SMS centres and register with them with the help of the registration wizard. To find out how to do this, please read the full user guide for your Gigaset C450 IP (page 5).

## Writing/sending/saving SMS

An SMS may contain up to 160 characters.

**Menu** → **SMS** → **Write Message**



Write an SMS.

**Menu** **Send Text**

Select and press **OK**.



Enter the number with dialling code (including your local area code) from the directory or key it in manually, and press **OK**.  
For SMS to an SMS mailbox: put the mailbox ID at the end of the number.  
The SMS is sent.

Or:

**Menu** → **Save Text**

Select and press **OK**.

The SMS is saved in the draft message list. You can later edit and send it.


Opening the draft message list: **Menu** → **SMS** → **Outgoing**.

#### Note:


If you are interrupted by an external call whilst writing the SMS, it is automatically saved in the draft message list.

## Receiving/reading SMS

All received SMS messages are saved in the message list. Linked SMS messages are displayed as one message. 160 characters displayed.

New SMS messages are signalled on all Gigaset C45 handsets by a message in the display, the flashing message key  and an advisory tone.

### Reading a text message

- ▶ Open the incoming message list with the message key  (page 15) or via **Menu** → **SMS** → **Incoming 01+05**.
- ▶ Select **SMS**
- ▶ Select **Menu** → **Read SMS** and press **OK**.

## Managing SMS lists

You can use the incoming message and draft message lists to, e.g.:

- ◆ Delete individual SMS or the entire list
- ◆ Forward or reply to an SMS
- ▶ Select SMS and press **Menu** to open the menu.

**For additional information, please see the full user guide for your Gigaset C450 IP (page 5).**

## Setting handset/base station

---

The handset and base station are preset, but you can change these settings to suit your individual requirements. You will find the relevant functions in the submenus **Menu** → **Settings** and **Menu** → **Audio Settings** (page 10).

The base station settings are carried out using a registered Gigaset C45 handset.

## Adjusting the loudspeaker volume

---

You can set the loudspeaker volume for handsfree talking to five different levels and the earpiece volume to three different levels. You can only adjust the loudspeaker volume during a call.

You are conducting an external call.




Press the control key.



Adjust the volume and press **OK**.

### Note:

The handsfree volume can only be adjusted when this function is set.

If  is assigned a different function, e.g. toggling:



Open menu.

**Volume** Select and press **OK**.

Make settings (see above).

## Setting the ringtone volume

---

The ringtone volume is the same for all types of ring.

**Menu** → **Audio Settings** → **Ringer Volume**

Or in idle status:



Press **briefly**.

Then:



Adjust the volume and press **OK**.



Press and **hold** (idle status).


## Activating/deactivating the ringtone

---

You can turn off the ringtone on your handset before you take a call or while the phone is in idle status. You can take a call so long as it is displayed on the screen.

### Deactivating the ringtone



Press the star key and **hold** until the  icon appears in the display.

### Re-activating the ringtone



Press and **hold** the star key in idle status.

## Activating/deactivating advisory tones

---

**Menu** → **Audio Settings** → **Advisory Tones**  
Select and press **OK** (✓ = on).

All advisory tones are activated or deactivated.

## Using the handset as an alarm clock

---

### Activating/deactivating the alarm clock

---

**Menu** → **Alarm Clock** → **Activation**  
(✓ = on)

Or:



Press the alarm clock key.

After you activate the alarm clock, the menu for setting the wake up time opens automatically (page 19).

## Setting the wake up time.

**Menu** → **Alarm Clock** → **Wake up time**

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

## When the alarm clock rings...

### Alarm repeat after 5 minutes

**Snooze** Press the display key or any key.

If you press **Snooze** three times the alarm clock switches off for 24 hours.

### Switching off the alarm clock for 24 hours

**Off** Press the display key.

## Changing the base station system PIN

You can change the base station's 4-digit default system PIN ("0000") to a 4-digit PIN known only to yourself.

**Menu** → **Settings** → **Base**  
→ **System PIN**



Enter current system PIN and press **OK**.



Enter your new system PIN and press **OK**.

For security reasons, "\*\*\*\*" is displayed instead of the system PIN.



Press and **hold** (idle status).

## Setting the default connection

You can make settings according to whether you want to make calls via VoIP or fixed network by default.

**Menu** → **Settings** → **Base**  
→ **Default Line Type**

**IP / fixed line**

Select and press **OK** (✓ = on).

For additional information on the phone and VoIP settings, please see the full user guide for your Gigaset C450 IP (page 5) on the Internet.

## Web configurator

The Web configurator is the Web interface for your handset. It allows you to make the settings for your phone's base station via your PC's Web browser.

### Requirements:

- ◆ A standard Web browser is installed on the PC, e.g. Internet Explorer version 6.0 or higher, or Firefox version 1.0.4 or higher.
- ◆ The phone and PC are connected to each other via a router or a switch.

## Connecting your PC to the Web configurator

---

- ▶ Launch the Web browser on your PC.
- ▶ Enter the phone's IP address in the address field of the Web browser, e.g. `http://192.168.1.10`.
- ▶ Press the return key.

A connection is established to the phone's Web configurator.

### Note:

You can check the phone's current IP address on the handset:

**Menu** → Settings → VoIP Configuration  
→ IP Configuration → IP Address.

## De-registering

---

In the menu bar at the top right of every Web page in the Web configurator, you will see the command **Log Off**. Click on **Log Off** to de-register from the Web configurator.

**You will find information on the Web configurator in the full user guide for your Gigaset C450 IP on the Internet (page 5).**

## Appendix

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### Care

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- ▶ Wipe the base station and handset with a **damp** cloth (do not use solvent) or an antistatic cloth.

**Never** use a dry cloth. This can cause static.

### Contact with liquid

---

If the handset has come into contact with liquid:

- ▶ **Switch the handset off and remove the batteries immediately.**
- ▶ Allow the liquid to drain from the handset.
- ▶ Pat all parts dry, then place the handset with the battery compartment open and the keypad facing down in a dry, warm place **for at least 72 hours** (not in a microwave, oven etc.).
- ▶ **Do not switch on the handset again until it is completely dry.**

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

## Questions and answers

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If you have any queries about the use of your phone, you can contact us any time at

[www.siemens.com/gigasetcustomercare](http://www.siemens.com/gigasetcustomercare). You can also find information on common problems and possible solutions in the full user guide.

# Service (Customer Care)

You can get assistance easily when you have technical questions or questions about how to use your device by using our online support service on the Internet at:

**[www.siemens.com/gigasetcustomer care](http://www.siemens.com/gigasetcustomer care)**

This site can be accessed at any time wherever you are. It will give you 24/7 support for all our products. It also provides interactive troubleshooting, a list of FAQs and answers plus user guides for you to download. You will also find frequently asked questions and answers in the **Questions and Answers** section of this user guide in the appendix (page 21).

If the device needs to be repaired, please contact one of our Customer Care Centers:

Abu Dhabi . . . . .	0 26 42 38 00	Lithuania . . . . .	8 22 74 20 10
Argentina . . . . .	0 80 08 88 98 78	Luxembourg . . . . .	43 84 33 99
Australia . . . . .	18 00 62 24 14	Macedonia . . . . .	02 13 14 84
Austria . . . . .	05 17 07 50 04	Malaysia . . . . .	03 21 63 11 18
Bahrain . . . . .	40 42 34	Malta . . . . .	00 35 32 14 94 06 32
Bangladesh . . . . .	0 17 52 74 47	Mauritius . . . . .	2 11 62 13
Belgium . . . . .	0 78 15 22 21	Mexico . . . . .	01 80 07 11 00 03
Bosnia Herzegovina . . . . .	0 33 27 66 49	Morocco . . . . .	22 66 92 09
Brazil . . . . .	0 80 07 07 12 48	Netherlands . . . . .	0900-3333102
Brunei . . . . .	02 43 08 01	New Zealand . . . . .	08 00 27 43 63
Bulgaria . . . . .	02 73 94 88	Norway . . . . .	22 70 84 00
Cambodia . . . . .	12 80 05 00	Oman . . . . .	79 10 12
Canada . . . . .	1 88 87 77 02 11	Pakistan . . . . .	02 15 66 22 00
China . . . . .	0 21 50 31 81 49	Philippines . . . . .	0 27 57 11 18
Croatia . . . . .	0 16 10 53 81	Poland . . . . .	08 01 30 00 30
Czech Republic . . . . .	02 33 03 27 27	Portugal . . . . .	8 00 85 32 04
Denmark . . . . .	35 25 86 00	Qatar . . . . .	04 32 20 10
Dubai . . . . .	0 43 96 64 33	Romania . . . . .	02 12 04 60 00
Egypt . . . . .	0 23 33 41 11	Russia . . . . .	(800) 200 10 10
Estonia . . . . .	06 30 47 97	Saudi Arabia . . . . .	0 22 26 00 43
Finland . . . . .	09 22 94 37 00	Serbia . . . . .	01 13 22 84 85
France . . . . .	01 56 38 42 00	Singapore . . . . .	62 27 11 18
Germany . . . . .	01805 333 222	Slovak Republic . . . . .	02 59 68 22 66
Greece . . . . .	0 80 11 11 11 16	Slovenia . . . . .	0 14 74 63 36
Hong Kong . . . . .	28 61 11 18	South Africa . . . . .	08 60 10 11 57
Hungary . . . . .	06 14 71 24 44	Spain . . . . .	9 02 11 50 61
Iceland . . . . .	5 11 30 00	Sweden . . . . .	0 87 50 99 11
India . . . . .	01 13 73 85 89 - 98	Switzerland . . . . .	08 48 21 20 00
Indonesia . . . . .	0 21 46 82 60 81	Taiwan . . . . .	02 25 18 65 04
Ireland . . . . .	18 50 77 72 77	Thailand . . . . .	0 22 68 11 18
Italy . . . . .	02 66 76 44 00	Tunisia . . . . .	0 71 86 19 02
Ivory Coast . . . . .	80 00 03 33	Turkey . . . . .	0 21 65 79 71 00
Jordan . . . . .	0 64 39 86 42	Ukraine . . . . .	8 80 05 01 00 00
Kenya . . . . .	2 72 37 17	United Arab Emirates . . . . .	0 43 31 95 78
Kuwait . . . . .	2 45 41 78	United Kingdom . . . . .	0 87 05 33 44 11
Latvia . . . . .	7 50 11 14	USA . . . . .	1 88 87 77 02 11
Lebanon . . . . .	01 44 30 43	Vietnam . . . . .	45 63 22 44
Libya . . . . .	02 13 50 28 82		

Please have your record of purchase ready when calling.

Replacement or repair services are not offered in countries where our product is not sold by authorised dealers.

Please address any questions about the DSL and cable connection to your Internet provider.

## Authorisation

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

Voice over IP telephony is possible with an additional modem via the LAN interface.

Country-specific requirements have been taken into consideration. We, Siemens Home and Office Communication Devices GmbH & Co. KG, declare that this device meets the essential requirements and other relevant regulations laid down in Directive 1999/5/EC.

A copy of all international 1999/5/EC Declarations of Conformity is available at:  
<http://www.siemens.com/gigasetdocs>

CE 0682

## Specifications

### Recommended rechargeable batteries

(Valid at the time of going to press)

Nickel-metal-hydride (NiMH):

- ◆ Sanyo Twicell 650
- ◆ Sanyo Twicell 700
- ◆ Sanyo NiMH 800
- ◆ Panasonic 700 mAh "for DECT"
- ◆ GP 550mAh
- ◆ GP 700mAh
- ◆ GP 850mAh
- ◆ Yuasa Technology AAA Phone 600
- ◆ Yuasa Technology AAA Phone 700
- ◆ Yuasa Technology AAA 800
- ◆ VARTA Phone Power AAA 700mAh

The handset is supplied with two recommended batteries.

## Handset operating times/charging times

The following information relates to batteries with a capacity of 650 mAh.

Standby time	around 125 hours (5 days)
Talktime	around 13 hours
Charging time	around 7.5 hours

The operating and charging times apply only when using the recommended batteries.

## Base station power consumption

Depending on current status, around 2.5 W.

## General specifications

Interfaces	Fixed network, Ethernet
DECT standard	is supported
GAP standard	is supported
No. of channels	60 duplex channels
Radio frequency range	1880–1900 MHz
Duplex method	Time multiplex, 10 ms frame length
Channel grid	1728 kHz
Bit rate	1152 kbit/s
Modulation	GFSK
Language code	32 kbit/s
Transmission power	10 mW, average power per channel
Range	up to 300 m outdoors, up to 50 m indoors
Base station power supply	230 V ~/50 Hz
Environmental conditions for operation	+5 °C to +45 °C; 20% to 75% relative humidity
Dialling mode	DTMF (touch tone dialling)/DP (dial pulsing)
Flash time	250 ms



Codecs	G711, G726, G729AB with VAD/CNG
Quality of Service	TOS, DiffServ
Protocols	DECT, SIP, RTP, DHCP, NAT Traversal (STUN)
Base station dimensions	105 x 132 x 46 mm (L x W x D)
Dimensions, handset	141 x 53 x 31 mm (L x W x H)
Base station weight	130 g
Weight of handset with battery	116 g

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For more information and Internet links to the source text of the free software, see the Online Support pages on the Internet at:

[www.siemens.com/gigasetcustomercare](http://www.siemens.com/gigasetcustomercare)

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Small Parts Dispatch Com Bocholt

Email: [kleinteileversand.com@siemens.com](mailto:kleinteileversand.com@siemens.com)

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Version 2.1, February 1999

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Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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## Appendix

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