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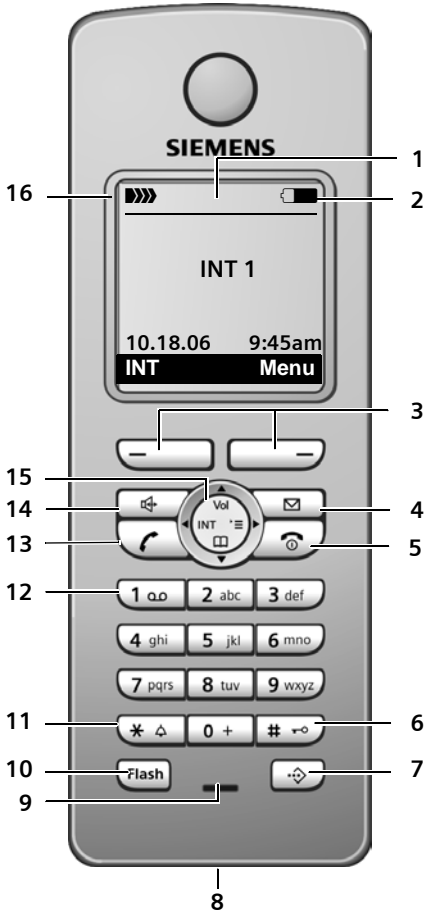
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



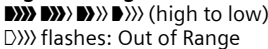
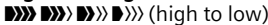
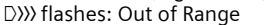
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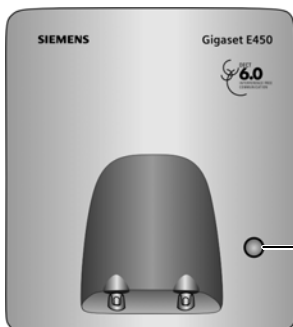
Gigaset E450

Gigaset

Brief overview



- 1 **Display** in idle status
- 2 **Charge status of the battery pack**

 -  (empty to full)
 -  flashes: battery pack almost empty
 -  flashes: battery pack charging
- 3 **Display keys** (page 11)
- 4 **Message key**
 Access to calls and message lists;
 Flashes: new message
- 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 **Pound (#) key**
 Key lock on/off (press and hold in idle status),
 Toggle between upper/lower case and digits for text entry
- 7 **Redial key**
 Open last number redial list
- 8 **2.5 mm plug** for headset
- 9 **Microphone**
- 10 **Flash key**
 - Confer (Flash)
 - Insert a dialing pause (press and hold)
- 11 **Star key**
 Ringtones on/off (press and hold),
 Open table of special characters for text entry
- 12 **Key 1**
 Select network mailbox (press and hold)
- 13 **Talk key**
 Answer a call
- 14 **Handsfree key**
 Switch between earpiece and handsfree mode;
 Lights up: handsfree activated;
 Key flashes: incoming call
- 15 **Control key** (page 11)
- 16 **Signal strength**

 -  (high to low)
 -  flashes: Out of Range



Registration/Paging key
(page 18/page 19)

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Safety precautions^{*)}



Only use the power supply unit supplied as indicated on the underside of the device.



Fit only the **approved rechargeable battery pack!** Never use a conventional (non-rechargeable) battery pack as this could damage your health and cause injury. Use the battery pack as directed in this user guide (page 31).



The phone may affect medical equipment so always switch your phone off before entering hospitals or doctors' practices.



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



Do not operate the phone in places where there is a risk of explosion (such as paint workshops).



Do not install the base or charging cradle in bathrooms or shower rooms. Base and charging cradle are not splash proof (see page 30).



Drivers must not use the phone while driving.



The phone must be switched off at all times in an aircraft. Make sure it cannot be switched on accidentally.



If you give your Gigaset to someone else you should also give them the operating instructions.



Dispose of batteries and the phone carefully. Do not pollute the environment.

Emergency numbers cannot be dialed if the keypad lock is activated!

^{*)} see also page 33

Gigaset E450 – more than just a telephone

Your phone not only enables you to store up to 150 telephone numbers (page 13) – it can do a whole lot more:

- ◆ You can designate important people as VIPs so you can identify important calls from the ringtone (page 13).
- ◆ You can store anniversary dates (page 14) in your phone and it will remind you of them in advance.
- ◆ Select frequently used phone numbers at the press of a **single** key (page 13).
- ◆ View missed calls on your phone (page 16).
- ◆ Select 12 or 24-hour format for displaying the time (page 8).

Have fun using your new telephone!

First Steps

Pack contents

- ◆ one Gigaset E450 base station,
- ◆ one Gigaset E45 handset,
- ◆ one AC adapter,
- ◆ one telephone line cord,
- ◆ one battery pack,
- ◆ one battery cover,
- ◆ one lock ring,
- ◆ one belt clip,
- ◆ one headset socket cover,
- ◆ one user guide.

Installing the base station

The base station is designed for use in closed, dry rooms with a temperature range of +41°F to +113°F.

Set up the base station at a central point in the apartment or house away from any

appliance that may cause electrical interference to the phone.

Please note:

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

Range and reception strength

Range:

- ◆ Up to 328 yards in the open
- ◆ Up to 55 yards in buildings

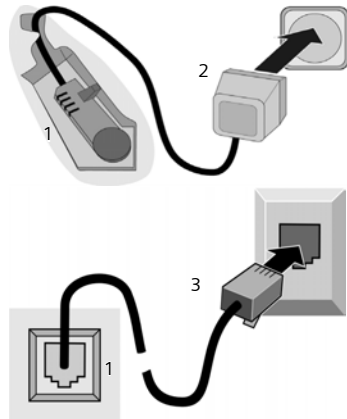
Reception strength:

The display shows the quality of the radio contact between the base station and handset:

- ◆ Good to poor: ▀▀▀ ▀▀ ▀▀ ▀▀
- ◆ No reception: ▀▀▀ flashes

Connecting the base station

- ▶ **First** connect the power adapter and **then** the phone jack as shown below and place the cables in the cable recesses.



- 1 Underside of the base station (detailed view)
- 2 Power adapter 110 V
- 3 Phone jack with phone cord

Please note:

- ◆ The power adapter must be **always connected**, as the phone will not operate without an electrical connection.

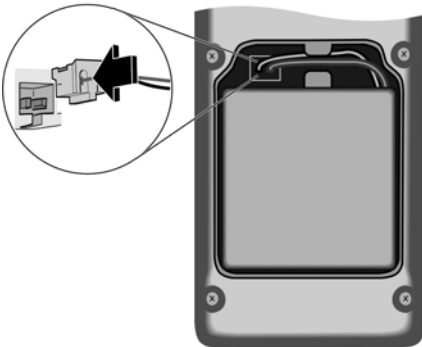
Setting up the handset for use

Fitting the battery pack

Caution:

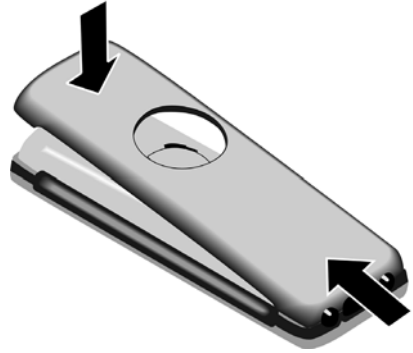
Use only the rechargeable battery pack recommended by Siemens (page 31). Never use a conventional (non-rechargeable) battery pack, as this may cause significant damage to health and property. For example, the outer casing of the battery pack could be destroyed or the battery pack could explode. The phone could also malfunction or be damaged as a result of using batteries that are not of the recommended type. Use of battery packs not authorized by Siemens may void the warranty on this product.

- ▶ Insert the plug into the socket as shown in the enlarged view.
- ▶ Insert the battery pack.
- ▶ Place the cords in the cord routing.



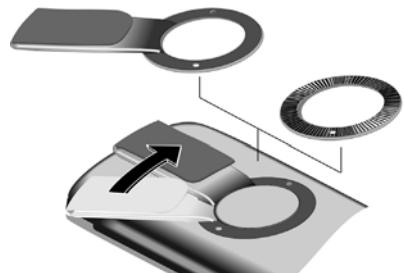
Closing the battery cover

- ▶ Hold the battery cover at a slight angle and install the two lower clips into the casing first. Then close the cover, press on the top so that it clicks into place.



Locking the battery cover

Insert the catches on the lock ring or belt clip into the notches in the casing and make sure that the arrow markings on the casing are facing those on the bottom of the ring. Turn the lock ring or belt clip clockwise to the end stop. When both holes are horizontally aligned with the upper edge of the handset the lock ring is closed.



Opening the battery cover

Position both thumbs on the lock ring and simultaneously turn the lock ring or belt clip anticlockwise and remove.



- ▶ Insert a coin into the cavity at the top of the battery cover and twist it until the cover opens.

Placing the handset in the base station and registering

- ▶ Place the handset in the base with its **display facing outwards**.

The handset registers automatically. Registration takes around 1 minute. During this time **Regstr.Procedure** appears in the display and the name of the base station flashes, for example **Base 1**. The handset will be assigned the lowest unassigned internal intercom number (1–6).

This will appear in the display when registration is complete, for example **INT 1**. This means that the number 1 has been assigned. If the internal numbers 1–6 are already assigned to other units, the number 6 is overwritten.

Notes:

- Automatic registration is only possible if no-one is making calls using the base station.
- Each key press interrupts the automatic registration.
- If automatic registration does not work the handset will need to be registered manually (page 18).
- You can change the name of the handset (page 21).

Leave the handset in the base station to charge the battery pack.

Notes:

- If the handset has switched itself off because the battery has no charge, and is then placed in the base station, it will switch itself on automatically.
- The handset must only be placed in the designated base.

For questions and problems see page 30.

Headset socket


Which headsets are compatible?

The following headsets have been tested with the S45:

- ◆ Plantronics M40
- ◆ Plantronics MX100
- ◆ Plantronics MX150

If you do not connect a headset, please insert the cover supplied for the headset socket to support the splash proof feature.

Initial charging and discharging of the battery pack

If the handset is activated, the flashing battery icon  in the top right of the display indicates that the battery pack is being charged.

During handset operation, the battery icon indicates the charge status of the battery pack (page 1). The correct charge status can only be displayed if the battery pack is first fully charged **and** discharged.

- ▶ To do this, leave the handset in the base station **continuously for ten hours**. Your handset need not be switched on for it to charge.
- ▶ Afterwards, remove the handset from the base station and do not put it back again until the battery pack is fully discharged.

Note:

After the initial charge and discharge you may replace your handset in the base station after every call.

First Steps

Please remember:

- ◆ Always repeat the charging and discharging procedure if you remove the battery pack from the handset and insert it again.
- ◆ The battery pack may feel warm as it is charging. This is normal.
- ▶ Set the date and the time, for example to ensure the correct time of incoming calls is recorded.

Setting the date and time

- ▶ To set the date and time, press the display key **Time** to open the input menu.

To change the time, open the input field via:





 →  → Date/Time

- ▶ Change multiple line input:

Date:

Enter month, day and year in 6-digit format.


Time:

Enter hours and minutes with 4 digits, for example     for 7:15 am.

If you have selected the **12-hour** time format, use the display key **am/pm** to switch between am and pm.

Time mode:

Choose between 12 and 24-hour time format.

 Press the display key.

Area codes

In order to call back a caller using the incoming caller ID list (page 16), your phone's **area code** ("local area code") must be stored. If your phone is in a "multiple area code" area, the **extra codes** for this area must also be stored.

Local Area Code

 →  → Base

Local Area Code

Select and press **OK**.



Enter local area code.



Press the display key.



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

Extra Codes

 →  → Base

Extra Codes Select and press **OK**.



Enter extra code.



Press the display key.

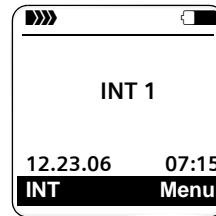


Press and **hold** (idle status).

Repeat the above steps until all extra codes for your area have been entered. A maximum of 5 extra codes can be stored.

Display in idle status

Once the phone is registered and the time set, the idle display looks as shown here (example).





Your phone is now ready for use.




Making calls


Making an external call

External calls are calls using the public telephone network.

  Enter the number and press the talk key.

Or:

  Press the talk key  and then enter the number.


To cancel the dialing operation, press the end call key .

You are shown the duration of the call while the call is in progress.


Notes:

Dialing using the directory (page 1, page 13) or calls list (page 16) saves time re-entering numbers and network provider prefixes ("call-by-call numbers").



Ending a call

 Press the end call key.

Answering a call

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 accept the call by:

- ▶ Pressing the talk key .
- ▶ Pressing the **Accept** display key.
- ▶ Pressing the handsfree key .

If the handset is in the base station or charger and the **Auto Answer** function is activated (page 24), the call will be answered automatically when you lift the handset from the base.

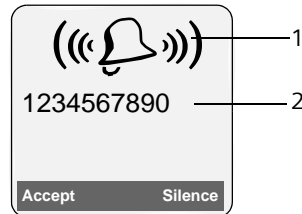
Press the display key **Silence** to mute the ringer without answering the call. You can answer the call as long the call is displayed on the screen.

Caller ID

Caller ID (CID) and Caller Name ID (CNID) are optional subscription services provided by your telephone service provider. These features supply incoming caller identification information that will be displayed on your handset

Call display with Caller ID/ Name

If the number of the caller is stored in your directory, you will see their name.



- 1 Ring symbol
- 2 Number or name of caller

The following is displayed in place of the number:



- ◆ **External**, if no number is transmitted.
- ◆ **Unavailable**, if the caller has not arranged Caller ID.

Handsfree operation

You can activate the speakerphone at any time to provide handsfree operation during a call.


Activating/deactivating handsfree

Activating while dialing

  Enter the number and press the handsfree key.



- ▶ You should inform your caller before you use the handsfree function so that they know someone else is listening.

Switching between earpiece and handsfree mode

 Press the handsfree key.

During a call switch handsfree on or off.


If you wish to place the handset in the base station during a call:


- ▶ Press and hold the handsfree key  while placing the handset in the base station. If the handsfree key  does not light up, press the key again.

For how to adjust the volume, see page 24.

Muting

You can deactivate the microphone in your handset during an external call. The other party hears a hold melody.


 Press the control key on the left to mute the handset.

 Press the display key to reactivate the microphone.



You can switch the hold melody on and off (page 27).

Operating the handset

Activating/deactivating the handset

 Press and **hold** the end call key. You will hear the confirmation beep.


Activating/deactivating the keypad lock

 Press and **hold** the pound key. You will hear the confirmation beep. The icon  appears in the display when the keypad lock is activated.

The keypad lock is deactivated automatically if someone calls you. It is re-activated when the call is finished.





Control key







In the description below, the side of the control key (up, down, right, left) which you have to press in the different operating situations is marked in black, for example  for "press right on the control key".

The control key has a number of different functions:





When the handset is in idle status

-  Open the directory.
-  Open main menu.
-  Open list of handsets.
-  Set the ringtones on the handset (page 24).




In the main menu and in input fields

You can use the control key to move the cursor up , down , right  or left .

In lists and submenus

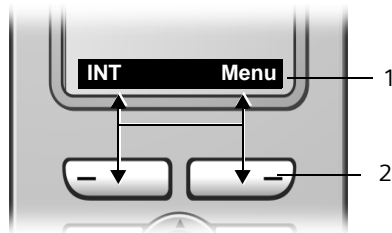
-  /  Scroll up/down line by line.
-  Open submenu or confirm selection.
-  Go back one menu level, or cancel.

During an external call

-  Open the directory.
-  Initiate an internal consultation call.
-  Adjust loudspeaker volume for earpiece and handsfree mode.







Display keys

The function of the display keys changes depending on the particular operating situation. Example:




- 1 The display keys' current functions are shown in the bottom display line.
- 2 Display keys

The most important display symbols are:

-  **Menu** Open the main menu.
-  **Options** Open a context-dependent menu.
-  **<C** Delete key: deletes one character at a time from right to left.
-  **↶** Go back one menu level, or cancel.
-  **→□** Copy number into directory.
-  **→→** Open the last number redial list.

Returning to idle status

You can go back to idle status from anywhere in the menu as follows:

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


Changes that you have not confirmed or saved by pressing **OK**, **Yes**, **Save**, **Send** or **Save Entry** **OK** will be lost.

An example of the display in idle status is shown on page 1.

Menu guidance


Your telephone's functions are accessed using a menu that has a number of levels.

Main menu (first menu level)

- ▶ Press  with the handset in idle status to open the main menu.

The main menu functions are shown in the display as a list with icon and name.


To access a function, so that you open the corresponding submenu (next menu level):

- ▶ Navigate to the function using the control key . Press the display key **OK**.

Submenus


The functions in the submenus are displayed as lists.

To access a function:

- ▶ Scroll to the function with the control key  and press **OK**.

Or:

- ▶ Enter the corresponding digit combination (page 28).

Pressing **briefly** on the end call key  returns you to the previous menu level / cancels the operation.

Correcting incorrect entries

You can correct incorrect characters in the text by navigating to the incorrect entry using the control key. You can then:

- ◆ press **<C** to delete the character to the left of the cursor,
- ◆ insert characters to the left of the cursor,
- ◆ overwrite the (flashing) character when entering the time and date etc.


You will find examples of symbols used, menu entries and multiple line input in the appendix to this user guide, page 38.

CID 2.5 services (network services)

If CID is activated and a waiting call is displayed, 4 different CID 2.5 services (network services) are selected.

During a call:

Options Press the display key

Select with :

TAKE MSG

The waiting caller is forwarded to the central office mailbox.

HOLD MSG

The waiting caller is put on hold and hears a message to this effect from the central office.

CALL BACK

The waiting caller is prompted by the central office to call again at a later time.

ADD 2ND

The central office is prompted to initiate a conference call.

Using the directory and lists

The options are:


- ◆ Directory,
- ◆ Last number redial list,
- ◆ Calls list.

You can store a maximum of 150 entries in the directory (the actual number depends on the size of the individual entries).

You create the directory for your own individual handset. You can also send lists/entries to other handsets (page 14).

Directory

In the **directory**, you can store numbers and names associated with them.

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

Length of entries

Number: max. 32 digits

Name: max. 16 characters

Note:

For quick access to a number from the directory, you can assign the number to a key.

Storing a number in the directory

 → New Entry

- ▶ Change multiple line input:

Number:

Enter number.

Name:

Enter name.

Annivers.:

Enter anniversary if required (page 14).

Speed Dial:

Select key for quick dial.



- ▶ Save changes.

Selecting entries in the directory




Open directory.

You have the following options:

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

Dialing with the directory



→  (select entry)



Press the talk key. The number is dialed.

Managing entries in the directory



→  (select entry)

Viewing an entry



Press the display key. The entry is displayed. Back with **OK**.

Editing entries



Edit Press display keys one after the other.


- ▶ Carry out changes and save.

Using other functions




→  (select entry)

→ **Options** (open menu)

The following functions can be selected with :

Display Number

Edit or complete a stored number. Then dial or copy the number to the directory by pressing .

Edit Entry

Edit selected entry.

Delete Entry

Delete selected entry.

Using the directory and lists

VIP Entry (directory only)

Mark a directory entry as **VIP** (Very Important Person) and assign it a particular ringtone. You can then identify VIP calls by their ringtones.

Requirement: Caller ID (page 9).

Copy Entry

Send a single entry to a handset (page 14).

Delete List

Delete **all** entries in the directory.

Copy List

Send complete list to a handset (page 14).

Available Memory

Display the available entries in the directory (page 13).

Using quick dial keys

- ▶ Press and **hold** the required quick dial key (page 13).

Sending the directory to another handset

Requirements:

- ◆ The sending and receiving handsets must both be registered to the same base station.
- ◆ The other handset and base station can send and receive directory entries.



→ (select entry)

→ **Options** (open menu)

→ Copy Entry / Copy List



Enter the internal number of the receiver handset. You see Copying entry.

Yes / No Press the display key.

A successful transfer is confirmed by a message and confirmation tone on the receiver handset.

Please remember:

- ◆ Entries with identical numbers are not overwritten on the receiver handset.
- ◆ The transfer is canceled if the phone rings or if the memory of the receiver handset is full.

Adding a displayed number to the directory

Numbers that appear in a list such as the calls list or the last number redial list, or displayed during a call can be added to the directory.

If you have Caller ID/Name, the first 16 characters of the transmitted name are copied to the Name line.

A number is displayed:

Options → Copy to Directory

- ▶ Complete the entry, see page 13.

Copying a number from the directory

There are many operating situations in which you can open the directory, such as copying a number. Your handset need not be in idle status.

- ▶ Depending on the operating situation, open the directory with or or **Menu** Directory.



Select an entry (page 13).

Storing anniversaries in the directory

You can store an anniversary for every number in the directory and specify a time when you will receive a reminder call on the anniversary.



→ (Select entry; page 13)

View

Edit

Press display keys one after the other.



Scroll to the Annivers.: line.

Edit

Press the display key.

- ▶ Change multiple line input:

Date:

Enter the month/day in 4-digit format.

Time:

Enter the hour/minute for the reminder call in 4-digit format.

Prompt:

Select the type of signal for the reminder and press **OK**.

- ▶ Save changes (page 39).

Note:

Reminder calls require a time stamp. If you select a visual signal, then a time stamp is not required and is automatically set to 12.00am.

Deleting anniversaries

→ (Select entry; page 13)

View **Edit**

Press display keys one after the other.



Scroll to the Annivers.: line.

Edit **Delete** **Save**

Press display keys one after the other.

Reminder call on an anniversary

A reminder call is signaled on the handset using the selected ring tone.

Silence

Press the display key to stop the reminder call.

Last number redial list

The last number redial list contains the ten numbers last dialed with the handset (max. 32 numbers). If one of the numbers is in the directory, then the corresponding name will be displayed.

Manual last number redial

Press the key.



Select entry.



Press the talk key.

The number is dialed.

When displaying a name, you can have the respective phone number displayed by using the display key **View**.

Managing entries in the last number redial list

Press the key.



Select entry.

Options

Open menu.

The following functions can be selected with :

Display Number (as in the directory, page 13)


Copy to Directory

Copy an entry to the directory (page 14).

Delete Entry (as in the directory, page 13)

Delete List (as in the directory, page 14)


Opening lists with the message key



The message key will flash if a caller left a voice mail message. You can use the message key  to open the following lists:

◆ Network mailbox

If your network provider supports this function and the network mailbox is configured for fast access (page 17).

◆ Calls list

An advisory tone sounds as soon as a **new entry** appears on a list. The  key flashes (it will go off when the key is pressed). In idle status, the display shows an icon for the new entry.

Icon	New entry...
	... in network mailbox
	... in calls list

The number of new entries is shown beneath the corresponding icon.

Only the lists that contain messages are shown (exception: network mailbox). Lists with new messages are shown first and identified in bold. The number of new or old messages contained are each shown in brackets.



Select the list with . To open, press **OK**.

Calls list


Requirement: Caller ID Presentation (CIP, page 9)

The numbers of the last 30 incoming calls are stored.

Setting list type for calls list

 →  → Base → Calls List Type

Missed Calls / All Calls

Select and press **OK** ( = on).

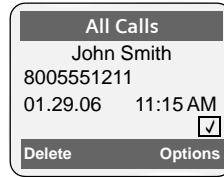
 Press and **hold** (idle status).

The entries in the calls list are retained when you change the list type.

List entry

New messages are at the top.

Example of list entries:



◆ List type (in header)

◆ Status of entry


◆ Number and name of caller

You can add the number of the caller to the directory (page 14).

◆ Date and time of call (if set, page 8)

◆ Type of entry


According to list type All Calls:

- accepted calls ()
- missed calls

According to list type Missed Calls:

- missed calls (if [3] is displayed: 3rd entry in the list)

Pressing the display key **Delete** deletes the marked entry.

After pressing the display key **Options** you can select more functions with :

Copy to Directory

Add a number to the directory.

Delete Calls List

Delete complete list.

When you leave the calls list all entries are set to the status "old", so that the next time you call up the list they will no longer be shown in bold.

Using the network mailbox

The network mailbox is your network provider's answering machine within the network. You cannot use the network mailbox unless you have **requested it** from your network provider.

Configuring the network mailbox for fast access


With fast access, you can dial the network mailbox directly.

The network mailbox is preconfigured for fast access. You only need to enter the number.

Configuring the network mailbox for fast access and entering the network mailbox number

 →  → Voice Mail → Set Key 1

Network Mailb.

Select and press **OK** ( = on).



Enter the number for the network mailbox.

Save

Press the display key to save the input.



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

The fast access setting applies to all Gigaset E45 handsets.


Calling the network mailbox



Press and **hold**.

You are connected directly to the network mailbox.



Press handsfree key  if required. You hear the network mailbox announcement.

Viewing the network mailbox message

If a message arrives for you, you receive a call from the network mailbox. If you have requested Caller ID, the display shows the network mailbox number. If you accept the call, the new messages are played back. If you do not accept the call, the network mailbox number will be stored in the missed calls list and the message key flashes (page 16).

Using several handsets

Registering handsets

You can register up to a total of six handsets on your base station.

A Gigaset E45 handset can be registered on up to four base stations.

Automatic registration Gigaset E45 to Gigaset E450

Important: The handset must not yet be registered to any base station.

Registering the handset to the Gigaset E450 base station occurs automatically.

- ▶ Place the handset in the base with its **display facing forward**.

Registration takes around 1 minute. During this process, **Regstr.Procedure** appears in the display and the name of the base station flashes, for example **Base 1**. When the handset has been registered, its screen displays its internal number, for example **INT 2** for internal number 2. The handset is assigned the lowest available internal number (1-6). If all internal numbers 1-6 have been assigned, number 6 is overwritten, assuming that the handset with the internal number 6 is in idle status.

Notes:

- Automatic registration is not possible when the base station on which you wish to register the handset is being used to make a call.
- Each key press interrupts the automatic registration.
- If automatic registration does not work, you will have to register the handset manually.
- You can change the name of the handset (page 21).

Manual registration of Gigaset E45 to Gigaset E450

You must activate manual registration of the handset at both the handset and the base station.

After it has been registered, the handset returns to idle status. The internal number of the handset appears in the display, for example **INT 1**. If it does not, repeat the procedure.

On the handset



→ Handset → Register H/Set

Select base station, for example **Base 1** and press **OK**.

Enter the system PIN of the base station (the default is 0000) and press **OK**.

The screen will display the number, for example **Base 1**.

On the base station

- ▶ Within 60 secs. press and hold the registration/paging key next to the charging cradle on the base station (approx. 3 secs.).

Registering *other* handsets

You can register other Gigaset handsets and handsets for other devices with GAP functionality as follows.

On the handset

- ▶ Start to register the handset as described in the user guide for this particular handset.

On the base station

- ▶ Within 60 secs. press and hold the registration/paging key next to the charging cradle on the base station (approx. 3 secs.).

De-registering handsets

You can de-register any registered handset from any registered Gigaset E45 handset.



Open list of internal users.
The handset you are currently using is indicated by <.



Select the internal user you wish to de-register.

Options

Open menu.

De-reg. H/Set No.

Select and press **OK**.



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

Yes


Press the display key.

Locating a handset ("paging")

You can locate your handset using the base station.

- ▶ Press the registration/paging key on the base station **briefly**.
- ▶ 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 or press the talk key  on the handset.

Changing the base station

If your handset is registered to more than one base station, you can set it to a particular base station or to the base station that has the best reception (Best Base).



→  → Handset → Select Base



Select one of the registered base stations or Best Base and press **OK**.

Making internal calls

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

Calling a specific handset



Initiate internal call.



Enter the number of the handset.

Or:



Initiate internal call.



Select handset.



Press the talk key.

Calling all handsets ("group call")



Initiate internal call.



Press the star key. All handsets are called.

Ending a call



Press the end call key.

Transferring a call to another handset

You can transfer an external call to another handset (connect).



Open list of handsets.
The external caller hears the hold melody if activated see page 27.



Select a handset or Call All and press **OK**.

When the internal participant answers:


- ▶ If necessary announce the external call.



Press the end call key.

The external call is transferred to the other handset.

If the internal participant does **not** answer or is busy, press the display key **End**, to return to the external call.

When diverting a call you can also press the end call key  before the internal participant lifts the receiver.

Using several handsets

Then, if the internal participant does not answer or is busy, the call will automatically return to you (the display will show Recall).

Internal consultation calls

When you are speaking to an **external** participant you can simultaneously call an **internal** participant for consultation.



Open list of handsets.
The external caller hears the hold melody if activated see page 27.



Select handset and press **OK**.

Ending an inquiry call

End Press the display key.

You are reconnected with the external caller.

Accepting/rejecting call waiting

If you get an **external** call while conducting an **internal** call, you will hear the call waiting tone (short tone). The caller's number or name will appear in the display if caller ID is enabled.

Ending an internal call, accepting an external call

Accept Press the display key.

The internal call is **ended**. You are connected to the external caller.

Rejecting external call

Reject Press the display key.

The call waiting tone is turned off. You remain connected with the internal participant. The ringtone can still be heard at other registered handsets.

Linking internal callers to an external call

Important: The Listening In function must be activated.

You are conducting an external call. An internal caller can listen in on this call and take part in the conversation. All the participants are made aware of the 'listening-in' by a signal tone.

Activating/deactivating internal listening in



→ → Base → Add. Features
→ Listening In



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

Internal listening in

The line is engaged with an external call. Your screen will display information to that effect. You want to listen in to the existing external call.



Press the talk key.

You are linked into the call. All participants hear a signal tone. During this time, this handset will not display any information or messages and no selection can be made from this handset.

Ending listening in



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 caller.

Changing the name of a handset

The names "INT 1", "INT 2" etc. are assigned automatically at registration. You can change these names. The name must be no more than 10 characters. The changed name is displayed in every handset's list.



Open list of handsets. Your own handset is indicated by <.



Select handset.



Press the display key.



Enter name.



Press the display key.

Changing internal number of a handset

A handset is **automatically** assigned the lowest unassigned number when it is registered. If all the numbers have been assigned, number 6 is overwritten, assuming the handset is in idle status. You can change the internal number of all registered handsets (1–6).



Open list of handsets. Your own handset is indicated by <.



Open menu.

Edit H/Set No.

Select and press **OK**. The list of handsets is displayed.



The current number flashes. Select a handset.



Enter the new internal number (1–6). The handset's old number is overwritten.



Press the display key to save the input.



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

You will hear the error tone (descending tone sequence) if you assign an internal number twice.

- ▶ Repeat the process with an unused number.

Using a handset as a room monitor

If the room monitor is activated, a previously stored destination number is called as soon as a set noise level is reached. You can store an internal or external number in your handset as the destination number.

The room monitor call to an external number stops after approx. 90 seconds. The room monitor call to an internal number (handset) stops after approx. 3 minutes (depending on the base station). While the room monitor is activated, all keys are locked except the end call key. The handset's speaker is muted.

When the room monitor is activated, incoming calls to the handset are indicated **without a ringtone** and are only shown on the screen. The display and keypad are not illuminated and advisory tones are also turned off.


If you accept an incoming call, the room monitor mode is suspended for the duration of the call, but the function **remains** activated.

If you switch off the handset, the room monitor mode is deactivated. You will need to reactivate the function after switching on the handset again.

Caution:

- **You should always check the operation of the room monitor before use. For example, test its sensitivity. Check the connection if you are diverting the room monitor to an outside number.**
- When the function is switched on the handset's operating time is severely reduced. If necessary, place the handset in the charging cradle. This ensures that the battery pack will not run down.
- Ideally the handset should be positioned 1 to 2 meters away from the sound being monitored. The microphone must be directed towards the monitored sound.
- The connection to which the room monitor is diverted must not be blocked by an activated answering machine.

Activating the room monitor and entering the number to be called

 →  → Room Monitor

- ▶ Change multiple line input:


Room M.:

Select On to activate.

Call to:

Press the display key **Edit** and enter destination number.

External number: select number from the directory or enter directly. Only **the last 4 digits** are displayed.

Internal number: delete any stored external number. **INT**  (select handset or Call All, if all registered handsets are to be called) **OK**.

Store number with **Save**.

Level:


Set noise level sensitivity (Low or High).

- ▶ Save changes (page 39).

The function is now activated. With **Options**, you can move directly to settings.

Changing previously set external destination number

 →  → Room Monitor



 Scroll to the Call to: line.


Edit Press the display key.

<C Delete existing number.

- ▶ Enter number as described in "Activating the room monitor and entering the number to be called" (page 22).
- ▶ Save changes (page 39).

Changing previously set internal destination number

 →  → Room Monitor

 Scroll to the Call to: line.

Edit Press the display key.

Yes Press the display key to confirm the prompt.

- ▶ Enter number as described in "Activating the room monitor and entering the number to be called" (page 22).
- ▶ Save changes (page 39).

Deactivating the room monitor remotely

Important: The destination phone must support touch tone dialing and the room monitor should be set for an external destination number.

- ▶ Take the call from the room monitor and press keys **9** **#**.

The room monitor function will deactivate after the call ends. There will be no further room monitor calls. But the other room monitor settings on the handset (such as no ringtone) will remain activated until you press the display key **OFF** on the handset.

To reactivate the room function with the same phone number:

- ▶ Turn on the activation again and save with **Save** (page 22).


Handset settings


Your handset is preconfigured, but you can change these settings to suit your individual requirements.


Changing the display language

You can view the display texts in different languages.





 →  → Handset → Language


The current language is indicated by .

 Select a language and press **OK**.

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



If you accidentally choose a language you do not understand:

  5 jkl  4 ghi  1 aop
Press display keys one after the other.

 Select the correct language and press **OK**.



Setting the display

You have a choice of four color schemes and several different contrasts.


 →  → Display

Color Scheme

Select and press **OK**.

 Select a color scheme and press **OK** ( = current color).


 Press **briefly**.

 Scroll to the Contrast line.

Contrast Select and press **OK**.

 Select contrast.


Save Press the display key.



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

Setting the screen picture

You can display a screen picture (picture or digital clock) when the handset is in idle status. This will replace the idle status display. It may conceal the date, time and name.

The screen picture is not displayed in certain situations, for example during a call or when the handset has been deregistered.

If a screen picture has been activated, the menu item Screen Saver is marked with .

 →  → Display → Screen Saver

The current setting is displayed.

▶ Change multiple line input:

Activation:

Select On (screen picture is displayed) or Off (no screen picture).

Selection:


Change screen picture if necessary (see below).

▶ Save changes.

If the screen picture conceals the display, press the end call key **briefly** to show the idle display with time and date.

Changing the screen picture

 →  → Display → Screen Saver

 Scroll to the Selection line.

View Press the display key.
The active screen picture is displayed

 Select picture/Clock.

Save Press the display key.

▶ Save changes.

Setting lighting

Depending on whether or not the handset is in the charging cradle you can set different levels of lighting. If the charging cradle is switched on, the display is permanently dimmed.

 →  → Display → Backlight

The current setting is displayed.

▶ Change multiple line input:


In Charger

Select On or Off.

without Charger

Select On or Off.


Save Press the display key.



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

Note:


When the display lighting is switched on, the standby time of the handset is reduced to approx. 30 hours.


Activating/deactivating auto answer

If you have activated this function, when you get a call you can simply lift the handset out of the charging cradle without having to press the talk key .

 →  → Handset

Auto Answer

Select and press **OK** ( = on).


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


Adjusting the loudspeaker volume

You can set the loudspeaker volume for handsfree speaking to five different levels and the earpiece volume to three different levels. You can only make these adjustments during an external call.


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

You are conducting an external call.

 Open menu.

 Select volume.

Save Press display key if necessary to save the setting permanently.

If  is assigned a different function, for example when toggling (page 12):



Options Open menu.

Volume Select and press **OK**.

Configure setting (see above).

Changing ringtones

◆ Volume:

You can choose between five volumes (1–5; for example volume 2 = ) and the "Crescendo" ring (6; volume increases with each ring = .

◆ Ringtones:

You can choose between 15 different melodies.


You can configure the following functions with different ringtones:

- ◆ Ext. Calls: for external calls
- ◆ Internal Calls: for internal calls
- ◆ All: the same for all functions


Settings for individual functions


Set the volume and melody depending on the type of signaling required.

 →  → Audio Settings →
Ringer Settings

 Set, for example select Ext. Calls and press **OK**.


▶ Change multiple line input:

 Set volume (1–6).

 Scroll to the next line.

 Select melody.

Save Press the display key to confirm the prompt.


In idle status, you can also open the menu Ringer Settings by pressing  briefly.

Settings for all functions to ring the same

 →  → Audio Settings →
Ringer Settings → All

▶ Set volume and ringtone (see "Settings for individual functions").


Yes Press the display key to confirm the prompt.


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

Activating/deactivating the ringtone


You can deactivate the ringtone on your handset before you answer a call or when the handset is in idle status; the ringtone can be deactivated permanently or just for the current call. The ringtone cannot be re-activated while an external call is in progress.

Deactivating the ringtone permanently

 Press the star key and hold until you can no longer hear the ringtone.

The  icon appears in the display.

Re-activating the ringtone


 Press and **hold** the star key.


Deactivating the ringtone for the current call

Silence Press the display key.

Activating/deactivating the alert tone

You can activate an alert tone in place of a ringtone. When you get a call, you will hear a **short tone** ("Beep") instead of the ringtone.

 Press and **hold** the star key and **within 3 seconds**:

Beep Press the display key. A call is now signaled by **one** brief alert tone. You will now see  in the display.

Activating/deactivating advisory tones

Your handset uses 'advisory tones' to tell you about different activities and statuses. The following advisory tones can be activated and deactivated independently of each other:

- ◆ **Key beep**: Each key press is acknowledged.
- ◆ **Acknowledge tones**:
 - **Confirmation tone** (ascending tone sequence): at the end of an entry/setting and when a new entry arrives in calls list
 - **Error beep** (descending tone sequence): when you make an incorrect entry
 - **Menu end tone**: when scrolling at the end of a menu
- ◆ **Battery low beep**: the battery pack requires charging.

 →  → Audio Settings
→ Advisory Tones

▶ Change multiple line input:

Key Tones:

Select On or Off.

Confirm.:

Select On or Off.

Handset settings

Battery:

Select **On**, **Off** or **In Call**. The battery warning tone is activated/deactivated or only sounds during a call.

- ▶ Save changes (page 39).

You cannot deactivate the confirmation tone for placing the handset in the base station.

Setting the alarm clock

Requirement: The date and time have already been set (page 8).

Activating/deactivating and setting the alarm clock



- ▶ Change multiple line input:

Activation:

Select **On** or **Off**.

Time:

Enter the wake-up time in 4-digit format.


Melody:

Select melody.

Volume:

Set the volume (1-6).

- ▶ Save changes (page 39).

You will see the icon .

A wake-up call with the selected ringer melody is signaled on the handset. The wake up call sounds for 60 seconds. The display shows **Alarm Clock**. If no key is pressed the wake-up call is repeated twice at five minute intervals and then switched off.

During a call, the wake-up call is signaled by a short tone.

Deactivating the wake-up call/ repeating after a pause (sleep mode)

Requirement: A wake-up call is sounding.

OFF

Press the display key. The wake-up call is deactivated.

Or:

Snooze

Press the display key or any key. The wake-up call is deactivated and then repeated after 5 minutes. After the second repetition the wake-up call is deactivated completely.

Restoring the handset default settings

You can reset any individual settings and changes you have made. This will not affect entries in the directory, calls list or the handset's registration to the base station.



Yes

Press the display key.



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

Cancel the restoring process by pressing



or the display key **No**.

Base station settings

The base station settings are carried out using a registered Gigaset E45 handset.

Protecting against unauthorized access

Protect the system settings of the base station with a PIN known only to yourself. The system PIN must now be entered when, for example, registering/de-registering a handset to/from the base station or when restoring the default settings.

Changing the system PIN


You can change the 4-digit system PIN set on the base station (default setting: 0000) to a 4-digit PIN known only to yourself.


Caution:


Memorize the new system PIN well! If you forget it, the phone will require specialist attention. If this happens, contact the Siemens Hotline (page 35).

 → Base → System PIN

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

 Enter new system PIN. For security the PIN is shown as four stars (****).

 Scroll to the next line, re-enter new system PIN and press **OK**.

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

Activating/deactivating the hold melody

 → Base → Music on hold


Press **OK** to activate or deactivate the hold melody (= on).

Restoring default settings for the base station


When resetting, all handsets remain registered. The following settings are not reset:


◆ System PIN

 → Base → Base Reset

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

Yes Press the display key.


Cancel the restoring process by pressing  or the display key **No**.

 Press and **hold** (idle status)

Shortcuts

Instead of scrolling to locate a menu function, you can select a menu function more quickly by opening the menu and keying in the digit combination ("shortcut").

Example:  5 jkl 2 abc 1 oo 1 oo for "Set ringtone for external calls".

With the telephone in **idle status**, press  (open main menu):

3 Alarm Clock 

4 Add. Features 

4-3	Room Monitor	(page 22)
-----	--------------	-----------


5 Settings 

5-1	Date/Time		
5-2	Audio Settings	5-2-1	Ringer Settings (page 25)
		5-2-2	Advisory Tones (page 25)
5-3	Display	5-3-1	Screen Saver (page 23)
		5-3-2	Color Scheme (page 23)
		5-3-3	Contrast (page 23)
		5-3-4	Backlight (page 24)
5-4	Handset	5-4-1	Language (page 23)
		5-4-2	Auto Answer (page 24)
		5-4-3	Register H/Set (page 18)
		5-4-4	Select Base (page 19)
		5-4-5	Reset Handset (page 26)
5-5	Base	5-5-2	Music on hold (page 27)
		5-5-3	System PIN (page 27)
		5-5-4	Base Reset (page 27)
		5-5-5	Add. Features (page 20, page 29)
		5-5-6	Local Area Code (page 8)
		5-5-7	Extra Codes (page 8)
		5-5-8	Calls List Type (page 16)
5-6	Voice Mail	5-6-1	Set Key 1 (page 17)

Connecting the base station to the PABX

The following settings are only needed when your PABX requires them. Please refer to the user guide for your PABX.



Dialing modes and flash time

The current setting is indicated by .


Changing the dialing mode

The following dialing modes can be selected:



- ◆ Tone dialing (DTMF),
- ◆ Pulse dialing (DP).



 →  → Base → Add. Features
→ Dialing Mode


 Select dialing mode ( = on) and press **OK**.

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

Setting the flash time


 →  → Base → Add. Features
→ Flash


 Select flash time ( = on) and press **OK**.






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

Setting pauses


Changing pause after line seizure

You can change the length of pause that is inserted between pressing the talk key  and sending the number.

 Open menu.

Press keys.






 Enter digit for the pause length (1 = 1 sec.; 2 = 3 secs.; 3 = 7 secs.) and press **OK**.

Changing the pause after the flash key

You can change the length of the pause if your PABX requires this (refer to the user guide for your PABX).



Open menu.

Press keys.








Enter a digit for the length of the pause (1 = 800 ms; 2 = 1600 ms; 3 = 3200 ms) and press **OK**.

Changing the dialing pause




Open menu.

Press keys.



Enter a digit for the length of the pause (1 = 1 sec.; 2 = 2 secs.; 3 = 3 secs.; 4 = 6 secs.) and press **OK**.

To insert a dialing pause: press  for 2 seconds. A P appears in the display.

Switching temporarily to tone dialing (DTMF)

If your PABX still operates with dial pulsing (DP), but you need tone dialing (DTMF) for a connection (for example to listen to the network mailbox) you must switch to tone dialing for the call.

Requirement: You are conducting a call or have already dialed an external number.

Options

Open menu.

Tone Dialing

Select and press **OK**.

Tone dialing is now activated **for this call only**.

Appendix

Care

- ▶ 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

Your handset is splash proof.

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

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

1. **Do not switch the handset on under any circumstances!**
2. Remove the battery pack immediately.
3. Remove the headset socket cover.
4. Hold the handset horizontally with the open battery compartment facing down.
5. Hold the handset vertically. Tilt the handset backwards and forwards slightly, giving it a gentle shake each time.
6. Dab all parts dry and then leave the handset for **at least 72 hours** with the battery compartment open and the keypad facing down in a dry, warm place (not in a microwave, oven or similar).

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

Questions and answers


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

www.siemens.com/gigasetcustomercare.

The table below (page 30) contains a list of common problems and possible solutions.


Troubleshooting

The display is blank.

1. The handset is not switched on.
 - ▶ Press and **hold** the end call key .
2. The battery pack is empty.
 - ▶ Charge/replace the battery pack (page 7).

The handset does not respond to a key press.

The keypad lock is activated.

- ▶ Press and **hold** the pound key  (page 10).

"Base station x" is flashing in the display.

1. The handset is outside the range of the base station.
 - ▶ Reduce the distance between handset/base station.
2. The handset has been de-registered.
 - ▶ Register the handset (page 18).
3. The base station is not switched on.
 - ▶ Check the base station mains adapter (page 5).

Base Search is flashing in the display.

The handset is set for **Best Base** and no base station is switched on or within range.

- ▶ Reduce the distance between handset/base station.
- ▶ Check the base station mains adapter (page 5).

Handset does not ring.

The ringtone is switched off.

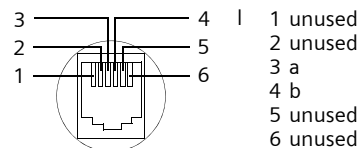
- ▶ Activate the ringtone (page 25).

You cannot hear a ringtone/dialing tone.


Base station's phone cord has been replaced.

- ▶ When purchasing a new cord, ensure that it has the correct pin connections.

▶ Correct phone jack assignment



The other party cannot hear you.

You have pressed the  (INT) key. The handset is "muted".

- ▶ Switch on the microphone again (page 10).

The incoming call number is not displayed although CIP is set.

Caller ID is not enabled.

- ▶ **Caller** should ask network provider to activate Caller ID (CI).

You hear an error tone when keying an input (a descending sequence of tones).

Action has failed/invalid input.

- ▶ Repeat the operation.
Watch the display and refer to the operating instructions if necessary.

You cannot listen to messages on the network mailbox.

Your phone system is set for pulse dialing.

- ▶ Set your phone system to tone dialing.

Specifications

Recommended battery pack

(Valid at the time of going to press)

Nickel-metal-hydride (NiMH):

V30145-K1310-X382

The handset is supplied with the recommended battery pack.

Handset operating times/charging times

Capacity	620 mAh
Standby time	Approx. 160 hours (6 days)
Calling time	Approx. 12 hours
Charging time	approx. 6 hours

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

Note:

When the display lighting is switched on, the standby time of the handset is reduced to approx. 30 hours.

Base station power consumption

In standby mode: approx. 2 watts

During a call: approx. 3 watts.

General specifications

DECT standard	is supported
GAP standard	is supported
No. of channels	60 duplex channels
Radio frequency range	1920 – 1930 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 328 yards outdoors, up to 55 yards indoors
Base station power supply	110 V ~/60 Hz
Environmental conditions for operation	+41°F to +113°F; 20 % to 75 % relative humidity
Dialing mode	DTMF (tone dialing)/ DP (dial pulsing)
Base station dimensions	4.8 x 4.29 x 2.87 inches (L x W x H)
Handset dimensions	5.63 x 2 x 0.98 inches (L x W x H)
Base station weight	4.3 ounces
Weight of handset with battery pack	4.7 ounces

FCC / ACTA Information

Warning: Changes or modifications to this unit not expressly approved by Siemens Cordless Products could void the FCC authority to operate the equipment. This includes the addition of any external antenna device.

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of the base station is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the telephone company. A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.

If this equipment causes harm to the telephone network, the telephone company will notify you in advance, that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary. The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service. If you experience trouble with this telephone system, disconnect it from the network until the problem has been

corrected or until you are sure that the equipment is not malfunctioning.

If trouble is experienced with this equipment, for repair or warranty information, please contact Siemens Customer Care, Tel. 1-866 247 8758. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved. This equipment is of a type that is not intended to be repaired by the Customer (user).

This telephone system may not be used on coin service provided by the telephone company. Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information. Privacy of communications may not be ensured when using this phone.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

This telephone system equipment has been tested and found to comply with the limits for Class B digital device, pursuant to Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. These limits are designed to provide reasonable protection against harmful interference in a residential installation. Some cordless telephones operate at frequencies that may cause interference to nearby TV's and VCR's; to minimize or prevent such interference, the system base should not be placed near or on top of a TV or VCR; and, if interference is experienced, moving the base farther away from the TV or VCR will often reduce or eliminate the interference.

However, there is no guarantee that interference will not occur in a particular installation. If this telephone system does cause harmful interference to radio or television reception, which can be determined by turning the system off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the base station and receiver.

3. Connect the base station into an outlet on a circuit different from that to which the receiver is connected.

4. Consult the dealer or an experienced radio TV technician for help.

Notice for Direct Inward Dialing ("DID")

ALLOWING THIS EQUIPMENT TO BE OPERATED IN SUCH A MANNER AS TO NOT PROVIDE FOR PROPER ANSWER SUPERVISION AS A VIOLATION OF PART 68 OF THE FCC'S RULES.

Notice to Hearing Aid Wearers:

This phone system is compatible with inductively coupled hearing aids.

Power Outage:

In the event of a power outage, your cordless telephone will not operate. The cordless telephone requires electricity for operation. You should have a telephone that does not require electricity available for use during power outages.

Notice:

The installation of the base unit should allow at least 8 inches between the base and persons to be in compliance with FCC RF exposure guidelines.

For body worn operation, the portable part (handset) has been tested and meets FCC RF exposure guidelines. Use with an accessory that contains metal parts may not ensure compliance with FCC RF exposure guidelines.

Notice to telephone company service:

If you need service from your telephone company, please provide them with the information

- Facility interface Code (FIC)
- Service Order Code (SOC)
- Universal Service Order Code (USOC) Jack as indicated on the label on the bottom side of the base station.

Industry Canada Certification

Operation is subject to the following two conditions (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

NOTICE: The Industry Canada label identifies certified equipment. This certification means that the equipment meets certain telecommunications network, protective, operational and safety requirements as prescribed in the appro-

priate Terminal Equipment Technical Requirements document(s). The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together.

This precaution may be particularly important in rural areas

NOTE: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

This product meets the applicable Industry Canada technical specifications.

The Ringer Equivalence Number is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination of an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all devices does not exceed five.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Safety precautions

Before using your telephone equipment, basic safety instructions should always be followed to reduce the risk of fire, electric shock and injury to persons.

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall telephone jack and power outlet before cleaning. Do not

Appendix

- use liquid cleaners or aerosol cleaners. Use damp cloth for cleaning.
4. Do not use this product near water, for example, near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement or near a swimming pool.
 5. Place this product securely on a stable surface. Serious damage and/or injury may result if the unit falls.
 6. Slots or openings in the cabinet and the back and bottom are provided for ventilation, to protect it from overheating. These openings must not be blocked or covered. This product should never be placed near or over a radiator or heat register, or in a place where proper ventilation is not provided.
 7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
 8. Do not place objects on the power cord. Install the unit where no one can step or trip on the cord.
 9. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
 10. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in the risk of fire or electric shock. Never spill liquid of any kind on this product.
 11. To reduce the risk of electric shock or burns, do not disassemble this product. Take it to a qualified service center when service is required. Opening or removing covers may expose you to dangerous voltages, dangerous electrical current or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
 12. Unplug the product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a.) When the power cord is damaged or frayed.
 - b.) If liquid has been spilled into the product.
 - c.) If the product has been exposed to rain or water.
 - d.) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions because improper adjustment of other controls may result in damage and may require extensive work by a qualified technician to restore the product to normal operation.
 - e.) If the product has been dropped or physically has been damaged.

- f.) If the product exhibits a distinct change in performance.
13. Avoid using a telephone (other than a cordless type) during a thunderstorm. There may be a remote risk of electrical shock from lightning. Therefore we suggest a surge arrestor.
 14. Do not use the telephone to report a gas leak in the vicinity of the leak.
 15. Emergency/911 numbers may not be dialed if the keypad is locked.

BATTERY SAFETY PRECAUTIONS

To reduce the risk of fire, injury or electric shock, and to properly dispose of batteries, please read and understand the following instructions.

CONTAINS ALKALINE NICKEL METAL HYDRIDE BATTERY. BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY. DO NOT DISPOSE OF IN MUNICIPAL WASTE.

1. Only use the batteries specified for use with this product.
2. DO NOT USE ALKALINE NICKEL CADMIUM OR ALKALINE LITHIUM BATTERIES, or mix batteries of different sizes or from different manufacturers in this product. DO NOT USE NONRECHARGEABLE BATTERIES.
3. Do not dispose of the batteries in a fire; the cells may explode. Do not expose batteries to water. Check with local codes for special disposal instructions.
4. Do not open or mutilate the batteries. Released electrolyte is corrosive and may cause damage to the eyes or skin. The electrolyte may be toxic if swallowed.
5. Exercise care in handling the batteries in order not to short the batteries with conducting materials such as rings, bracelets, and keys. The batteries or conducting material may overheat and cause burns or fire.
6. Charge the batteries provided with, or identified for use with, this product only in accordance with the instructions and limitations specified in the user's manual. Do not attempt to charge the batteries with any means other than that specified in the users manual.
7. Periodically clean the charge contacts on both the charger and handset.

Service (Customer Care)

Customer Care Warranty for Cordless Products
To obtain Siemens Customer Care Warranty service,
product operation information, or for problem resolution, call:

Toll Free: 1-866 247 8758
9:00 a.m. – 5:00 p.m. Monday-Saturday

www.siemens.com/gigasetcustomer-care

End-user limited Warranty

This limited, non-transferable warranty is provided to the original buyer/end-consumer ("you") for systems, handsets and accessories (collectively, "Product") manufactured, sold and/or distributed by Siemens Home and Office Communication Devices LLC ("Siemens"). Siemens warrants to you that at the date of purchase, the product is free of defects in workmanship and materials and the software included in the Product will perform in substantial compliance to its program specifications.

1. WARRANTY PERIOD

The Product warranty period is one (1) year from the original date of purchase by you. Proof of purchase (e.g., sales slip or invoice) must be provided with any Product returned during the Warranty Period. Batteries supplied with the Products are warranted to be free from defects at the time of purchase only.

2. EXCLUSIVE REMEDY

Siemens' entire liability and your exclusive remedy if the Product is defective in materials or workmanship during the Warranty Period and is returned shall be that the Product will be repaired or replaced as set forth in Section 4 below. Reconditioned replacement components, parts or materials may be used in the replacement or repair. Data in the memory of the Product may be lost during repair.

3. THIS LIMITED WARRANTY DOES NOT COVER AND IS VOID WITH RESPECT TO THE FOLLOWING:

- Cosmetic damage, physical damage to the surface of the Product, including, without limitation, breakage, cracks, dents, scratches or adhesive marks on the LCD screen or outside casing of the Product.

- Products which have been repaired, maintained or modified (including the antenna) by anyone other than Siemens or a Siemens-approved repair facility, or that have been improperly installed.
- Cost of installation, removal or reinstallation.
- "Damage due to any telephone, electronic, hardware or software program, network, Internet or computer malfunctions, failures, or difficulties of any kind, including without limitation, server failure or incomplete, incorrect, garbled or delayed computer transmissions.
- Equipment and components not manufactured, supplied or authorized by Siemens.
- Modification of the Product's components, or operation of the Product in an unsuitable environment or in a manner for which it is not intended, including but not limited to failures or defects caused by misuse, abuse, accidents, physical damage, abnormal operation, improper handling or storage, neglect, alterations, unauthorized installation, removal or repairs, failure to follow instructions, problems caused by the carrier's network coverage, exposure to fire, water or excessive moisture or dampness, floods, or extreme changes in climate or temperature, acts of God, riots, acts of terrorism, spills of food or liquids, viruses or other software flaws introduced into the Product, or other acts which are not the fault of Siemens and which the Product is not specified to tolerate, including damage caused by mishandling or blown fuses.
- Products which have had warranty stickers, electronic serial number and/or serial number label removed, altered, rendered illegible or fraudulently applied to other equipment.

- Signal reception problems (unless caused by defect in material or workmanship in the Product).
- Products operated outside published maximum ratings.
- Performance of the Products when used in combination with other products or equipment not manufactured, supplied or authorized by Siemens.
- Consumables (such as batteries and fuses).
- Payments for labor or service to representatives or service centers not authorized to perform product maintenance by Siemens.
- Loss of data.
- Testing and examination discloses that the alleged defect or malfunction in the Product does not exist.

This warranty does not cover customer education, instruction, installation or removal, set up adjustments, problems related to service(s) provided by a carrier or other service provider, and/or signal reception problems. Siemens shall not be responsible for software, firmware, information, or memory data contained in, stored on, or integrated with any Products returned for repair, whether under warranty or not.

This warranty is valid only in the United States.

USE WITH ACCESSORIES NOT SUPPLIED BY SIEMENS OR NOT OTHERWISE EXPRESSLY AUTHORIZED BY SIEMENS MAY VOID WARRANTY.

4. WARRANTY CLAIM PROCEDURE

All warranty claims must be made by notifying Siemens prior to the expiration of the Warranty Period. Siemens' obligation to provide warranty support shall not extend past the end of the Warranty Period, except that any product repaired or replaced during the Warranty Period shall continue to be warranted for the balance of such Warranty Period or thirty (30) days, whichever is greater.

Throughout the Warranty Period, Siemens will be available to provide you with technical support service Monday through Saturday from 9:00 a.m. to 5:00 p.m. Central Time, excluding National holidays. Support service will be provided for you by accessing Siemens' toll free customer service number:

1-866-247-8758

5. LIMITATION OF WARRANTY

Siemens makes no warranty or representation that the software in the Products will meet your requirements or will work in combination with any hardware or applications software products provided by third parties, that the operation of the software will be uninterrupted or error free, or that all defects in the software products will be corrected.

6. LIMITATION ON REMEDIES; NO CONSEQUENTIAL OR OTHER DAMAGES

Your exclusive remedy for any breach of this Limited Warranty is as set forth above. Except for any refund elected by Siemens, **YOU ARE NOT ENTITLED TO ANY DAMAGES, INCLUDING BUT NOT LIMITED TO CONSEQUENTIAL DAMAGES**, if the Product does not meet the Limited Warranty, and, to the maximum extent allowed by applicable law, even if any remedy fails of its essential purpose. The terms below ("Exclusion of Incidental, Consequential and Certain Other Damages") are also incorporated into this Limited Warranty. Some states/jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This Limited Warranty gives you specific legal rights. You may have others which vary from state/jurisdiction to state/jurisdiction.

7. DISCLAIMER OF WARRANTIES

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Notes on the operating instructions

This section explains the meaning of certain symbols and typographical conventions that are used in this user guide.

Symbols used

Copy Entry / Copy List (example)

Select one of the two menu functions specified.



Save

Enter digits or letters.

The display keys' current functions are shown reverse highlighted in the bottom display line. Press the display key below to launch the function.



Press the top or the bottom of the control key: scroll up or down.



Press the right or left of the control key: for example select setting.

/ / etc.

Press the corresponding key on the handset.

Example: menu input

In the user guides, the steps you need to perform are shown in abbreviated form. This is illustrated below using the example of "Setting the contrast for the display". The things you need to do are explained in the boxes.

→ → Display

- ▶ With the handset in idle status, press on the right of the control key to open the main menu.
- ▶ Select the icon using the control key – press the control key at the top or bottom.

In the display header, Settings is displayed.

- ▶ Press the display key to confirm the function Settings.
- The Settings submenu is displayed.
- ▶ Press the bottom of the control key repeatedly until Display is selected.
 - ▶ Press the display key to confirm the function.

Contrast Select and press .

- ▶ Press the bottom of the control key repeatedly until Contrast is selected.
- ▶ Press the display key to confirm the function.

 Select contrast and press .

- ▶ Press on the right or left of the control key to select the contrast.
- ▶ Press the display key to confirm the function.

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

- ▶ Press and hold the end call key until the handset returns to idle status.

Example: multiple line input

There are many situations in which you can change the settings of a display or enter data in several lines.

In this user guide symbols are used to guide you step by step through multiple line input. This is illustrated below using the example of "Setting the date and time". The things you need to do are explained in the boxes.

To change the time, open the input field with:

 →  → Date/Time

You will see the following display (example):

Date/Time	
Date:	12.23.06
Time:	[11:11]am
Time mode:	12 h
am/pm	Save

Date:


Enter month, day and year in 6-digit format.

The date in the first line is marked with [] to show it is active.

▶ Enter the date using the digit keys.

Time:

Enter hours/minutes in 4-digit format.


▶ Press the  key.

The time in the second line is marked with [] to show it is active.

▶ Enter the date using the digit keys.

Time mode:

Select 12-hour or 24-hour time format.

▶ Press the  key.


The time format is marked with [] to show it is active.

▶ Select time format.

▶ With 12-hour time format, use the display key **am/pm** to switch between am and pm.

▶ Save changes.








▶ Press the **Save** display key.

▶ Then press and **hold** the  key.


The handset changes to idle status.

Writing and editing names

The following rules apply when creating an entry:

- ◆ Control the cursor with    .
- ◆ Characters are added to the left of the cursor.
- ◆ Press the star key  to show the table of special characters.
- ◆ Press and **hold** the pound key  to switch from "Abc" mode to "123" and from "123" to "abc" and from "abc" to "Abc" (upper case: 1st letter upper case, all others lower case). Press the pound key  **before** entering the letter.
- ◆ The first letter of the name of directory entries is automatically capitalized, followed by lower case letters.

Entering special characters

You can call up the table of special characters using the  key. Select the required character and insert it with **Insert**.

Order of directory entries

Directory entries are usually sorted in alphabetical order. Spaces and digits take first priority. The sort order is as follows:

1. Space
2. Digits (0–9)
3. Letters (alphabetical)
4. Other characters

To get around the alphabetical ordering of the entries, insert a space or a digit in front of the name. These entries will then move to the beginning of the directory. Names which you have preceded with an asterisk will move to the end of the directory.

Accessories

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- ◆ Dust and splash proof casing
- ◆ Illuminated color display (4096 colors)
- ◆ Illuminated keypad
- ◆ Handsfree operation
- ◆ Polyphonic ringer melodies
- ◆ Directory for around 150 entries
- ◆ Headset socket
- ◆ Room monitor

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- ◆ Illuminated keypad
- ◆ Handsfree operation
- ◆ Polyphonic ringer melodies
- ◆ Directory for around 150 entries
- ◆ Headset socket
- ◆ Room monitor

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All accessories and batteries are available from the Siemens customer care website:

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Only use original accessories. This will avoid possible health risks and damage, and also ensure that all relevant regulations are complied with.

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