

Congratulations

Congratulations on your purchase of the Siemens Gigaset E450 telephone system! This phone's DECT6.0 frequency standard and high-speed digital voice encoding provide reception and voice clarity that is superior to other cordless phones. And, its digital spread spectrum technology will provide you with secure, private conversations.



**DO NOT RETURN
THIS PRODUCT TO THE
STORE!**

Please read the following important information.

For Siemens Customer Care, product operation information, or for problem resolution, call toll-free

1-888-777-0211

9 a.m. to 8 p.m. Central Standard Time Monday-Saturday

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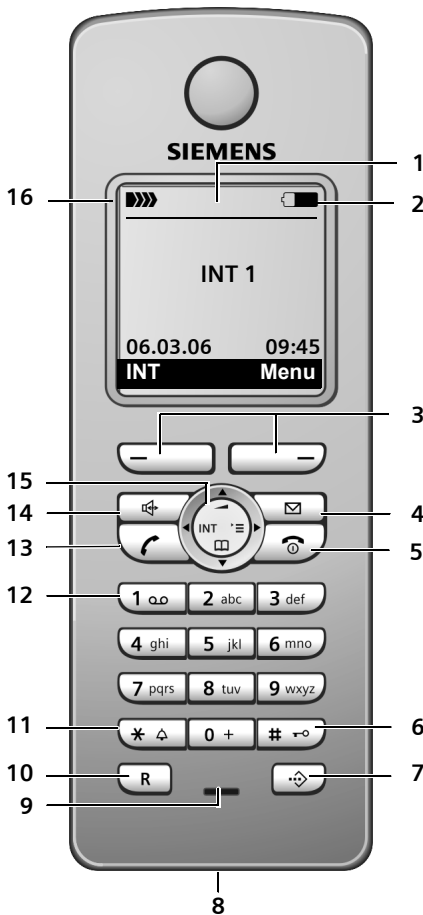
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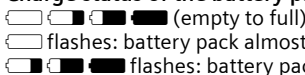
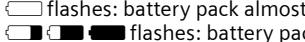
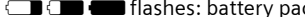
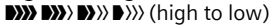
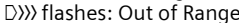
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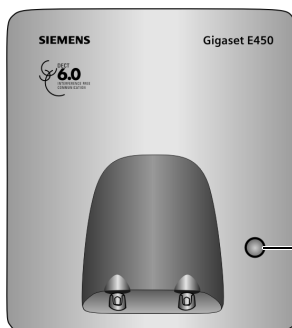
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Congratulations

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 14)
- 4 **Message key**
 Access to calls and message lists;
 Flashes: new message or new call;
 Will illuminate after each missed call whether the caller left a voice mail message or not
- 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
- 7 **Call-by-call list key**
 Open call-by-call 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
- 12 **Key 1**
 Select network mailbox (press and hold)
- 13 **Talk key**
 Answer a call, open last number redial list (press briefly), start dialing (press and hold)
- 14 **Handsfree key**
 Switch between earpiece and handsfree mode;
 Lights up: handsfree activated;
 Key flashes: incoming call
- 15 **Control key** (page 14)
- 16 **Signal strength**
 (high to low)
 flashes: Out of Range



Registration/Paging key
(page 21/page 22)

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Safety precautions

Safety precautions^{*)}



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



Only insert **approved rechargeable batteries of the same type**.
Never use ordinary (non-rechargeable) batteries as they may pose a health hazard or cause injury.



Make sure the rechargeable battery is inserted the right way round.



Use the battery specified in these operating instructions.



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).



The handset is not splash-proof (see page 33).



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 38

Gigaset E450 – more than just a telephone

Your phone not only enables you to store up to 150 telephone numbers (page 16) – it can do a whole lot more:

- ◆ You can designate important people as VIPs so you can identify important calls from the ringtone (page 16).
- ◆ You can store anniversary dates (page 18) 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 16).
- ◆ View missed calls on your phone (page 19).
- ◆ Select 12 or 24-hour format for displaying the time (page 10).

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 +5 °C to +45 °C.

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

Gigaset E450 – more than just a telephone

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 300 m in the open
- ◆ Up to 50 m in buildings

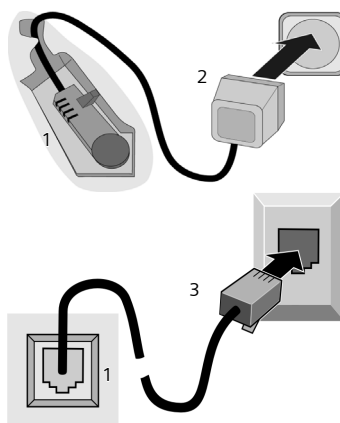
Reception strength:

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.



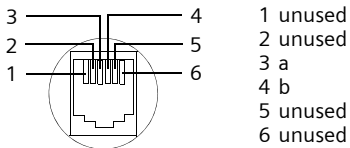
- 1 Underside of the base station (detailed view)
- 2 Power adapter 110 V
- 3 Phone jack with phone cord

First Steps

Please note:

- ◆ The power adapter must be **always connected**, as the phone will not operate without an electrical connection.
- ◆ If you buy a replacement phone cord from a store, ensure that the phone jack is connected correctly.

Correct phone jack assignment



Setting up the handset for use

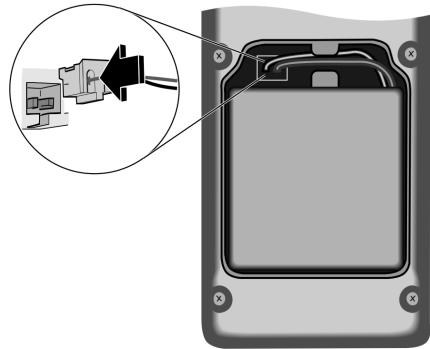
Fitting the battery pack

Caution:

Use only the rechargeable battery pack recommended by Siemens (page 35). 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.

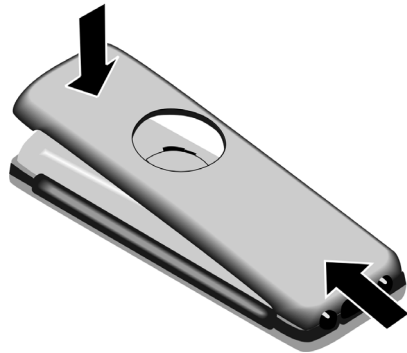
- ▶ Insert the plug into the socket as shown in the enlarged view.
- ▶ Insert the battery pack.

- ▶ Place the cords in the cord routing.



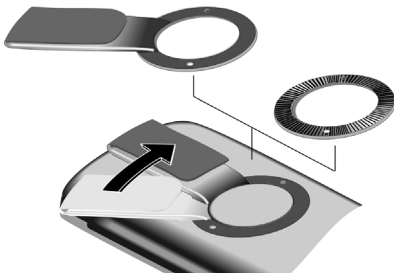
Closing the battery cover

- ▶ 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.



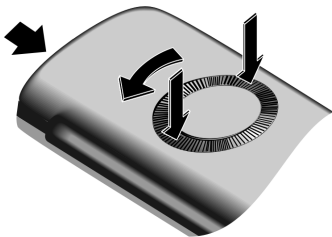
Locking the battery cover

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 21).
- You can change the name of the handset (page 24).

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 33.


Headset socket

Most headsets with standard 2.5mm mini plugs are compatible with this handset.

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

First Steps

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 3). 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.

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.

Save

Press the display key.

Area codes

In order to call back a caller using the incoming caller ID list (page 19), 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.

Save

Press the display key.



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

Extra Codes

 →  → **Base**

Extra Codes Select and press **OK**.



Enter extra code.

Save

Press the display key.

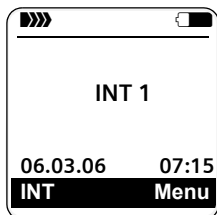


Press and **hold** (idle status).

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 calls


Making an external call

External calls are calls using the public telephone network.

  Enter the number and press the talk key.

Or:

  Press **and hold** 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, call-by-call list (page 3, page 16) or calls list (page 19) 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 27), the call will be answered automatically when you lift the handset from the base.

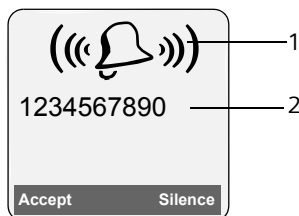
Press the display key **Silence** to mute the ringer without answering the call. You can answer the call as long the call is displayed on the screen.

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 talk 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 27.

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 30).

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

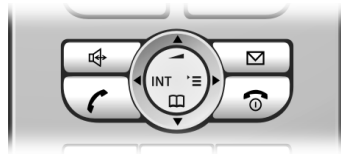



Press and **hold** the pound key.

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 27).

In the main menu and in input fields




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

Operating the handset

In lists and submenus

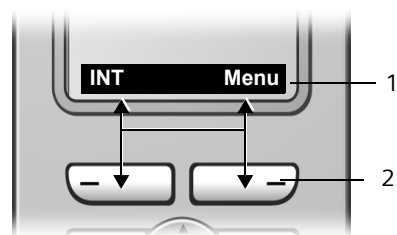
-  /  Scroll up/down line by line.
-  Open submenu or confirm selection.
-  Go back one menu level, or cancel.

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 3.

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 31).

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 41.

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

Using the directory and lists

The options are:


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

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


You create the directory and call-by-call list for your own individual handset. You can also send lists/entries to other handsets (page 17).

Directory/call-by-call list

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.

In the **call-by-call list**, you can store prefixes of network providers (so-called "call-by-call numbers").

- ▶ Open the call-by-call list in idle status 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 or the call-by-call list (quick dial), 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 18).

Speed Dial:

Select key for quick dial.

- ▶ Save changes.

Storing a number in the call-by-call list

 → New Entry

- ▶ Change multiple line input:



Number:

Enter number.



Name:

Enter name.

Selecting entries in the directory and call-by-call list


 /  Open directory or call-by-call list.

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/Call-by-Call list

 /  →  (select entry)

 Press the talk key. The number is dialed.

Managing entries in the directory/ Call-by-Call list

 /  →  (select entry)

Viewing an entry




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


Editing entries

View **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 add to a stored number. Then dial or call up further functions by pressing **Options**.

Edit Entry

Edit selected entry.

Delete Entry

Delete selected entry.

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 12).

Copy Entry

Send a single entry to a handset (page 17).

Delete List

Delete **all** entries in the directory/call-by-call list.

Copy List

Send complete list to a handset (page 17).

Available Memory

Display the available entries in the directory and call-by-call list (page 16).




Using quick dial keys

▶ Press and **hold** the required quick dial key (page 16).

Sending the directory/call-by-call list 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 16.

Using the directory and lists

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 16).

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 16)

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 42).


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 00.00.

Deleting anniversaries

 →  (Select entry; page 16)

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 **briefly**.


 Select entry.

 Press the talk key again.
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 **briefly**.

 Select entry.

Options Open menu.

The following functions can be selected with :


Display Number (as in the directory, page 17)

Copy to Directory
Copy an entry to the directory (page 17).

Delete Entry (as in the directory, page 17)

Delete List (as in the directory, page 17)


Opening lists with the message key



The message key will illuminate after each missed call whether the caller left a voice mail message or not. 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 20).

- ◆ 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 message.

| Icon | New message... |
|---|------------------------|
|  | ... 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 12)

Depending on the type of list set, the calls list contains

- ◆ accepted calls ()
- ◆ missed calls (for example [3] means: 3rd caller)


The numbers of the last 30 incoming calls are stored.

Multiple missed calls from the same number are only stored once (the last call).

Setting list type for calls list

 →  → Base → Calls List Type

Missed Calls / All Calls

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



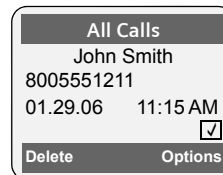
Press and **hold** (idle status).


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 17).
- ◆ Date and time of call (if set, page 10)
- ◆ 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 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

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.

Options

Press the display key.

Save Entry

Select and press **OK**. The entry is stored.



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 19).

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 24).

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 its user guide.


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.).

Using several handsets

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 30.

 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.

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 30.



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 and **hold** 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.

Using several handsets

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.

Edit

Press the display key.



Enter name.

Save

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 <.

Options

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.

Save

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 42).

The function is now activated. With , 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 25).
- ▶ Save changes (page 42).

Changing previously set external 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 25).
- ▶ Save changes (page 42).

Deactivating the room monitor remotely

Important: The 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 25).

Handset settings


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:

   
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 23):



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

Handset settings

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**.

Battery:

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

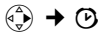
- ▶ Save changes (page 42).

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 10).

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 42).

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, call-by-call list, 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

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 used 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 36).

 →  → **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
- ◆ Setting "First ringtone suppressed"

 →  → **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**  **2**  **1**  **1** 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 25)

5 Settings 


| | | | | |
|-----|----------------|-------|-----------------|--------------------|
| 5-1 | Date/Time | | | |
| 5-2 | Audio Settings | 5-2-1 | Ringer Settings | (page 28) |
| | | 5-2-2 | Advisory Tones | (page 28) |
| 5-3 | Display | 5-3-1 | Screen Saver | (page 26) |
| | | 5-3-2 | Color Scheme | (page 26) |
| | | 5-3-3 | Contrast | (page 26) |
| | | 5-3-4 | Backlight | (page 27) |
| 5-4 | Handset | 5-4-1 | Language | (page 26) |
| | | 5-4-2 | Auto Answer | (page 27) |
| | | 5-4-3 | Register H/Set | (page 21) |
| | | 5-4-4 | Select Base | (page 22) |
| | | 5-4-5 | Reset Handset | (page 29) |
| 5-5 | Base | 5-5-2 | Music on hold | (page 30) |
| | | 5-5-3 | System PIN | (page 30) |
| | | 5-5-4 | Base Reset | (page 30) |
| | | 5-5-5 | Add. Features | (page 23, page 32) |
| | | 5-5-6 | Local Area Code | (page 10) |
| | | 5-5-7 | Extra Codes | (page 10) |
| | | 5-5-8 | Calls List Type | (page 19) |

Connecting the base station to the PABX

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 recall 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 and dust resistant.

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 anything 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 34) contains a list of common problems and possible solutions.

Appendix


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 10).

The handset does not respond to a key press.

The keypad lock is activated.

- ▶ Press and **hold** the pound key  (page 13).

"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 21).
3. The base station is not switched on.
 - ▶ Check the base station mains adapter (page 7).

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 7).

Handset does not ring.

The ringtone is switched off.

- ▶ Activate the ringtone (page 28).

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 (page 8).

The other party cannot hear you.

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

- ▶ Switch on the microphone again (page 13).

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 300 m outdoors, up to 50 m indoors |
| Base station power supply | 110 V ~/60 Hz |
| Environmental conditions for operation | +5 °C to +45 °C; 20 % to 75 % relative humidity |
| Dialing mode | DTMF (tone dialing)/ DP (dial pulsing) |
| Base station dimensions | 122 x 109 x 73 mm (L x W x H) |
| Handset dimensions | 143 x 51 x 25 mm (L x W x H) |
| Base station weight | 122 g |
| Weight of handset with battery pack | 133 g |

Appendix

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. 1-888-777-0211. 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 appropriate 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.

Safety precautions

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 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 arrester.
 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.

Customer Care Warranty for Cordless Products
To obtain Siemens Customer Care Warranty service,
product operation information, or for problem resolution, call:
Toll Free: 1-888-777-0211
9:00 a.m. – 8:00 p.m. Central Standard Time seven days a week

www.siemens.com/gigasetcustomercare

Limited Warranty

This limited, non-transferable warranty is provided to the original purchaser. The product is warranted to be free from defects in materials and workmanship under normal installation, use, and service for period of one (1) year from the date of purchase as shown on the purchaser's receipt.

Our obligation under this warranty is limited to repair or replacement (at our option) of the product or any part(s), that are defective, provided that the product is returned to Siemens during the warranty period. A copy of the dated purchase receipt must accompany products returned. In the absence of a purchase receipt, the warranty period shall be one (1) year from the date of manufacture. Repair or replacement of the product is your sole and exclusive remedy.

If the product is repaired, reconditioned component parts or materials may be used. If the product is replaced, we may choose to replace it with a new or reconditioned product of the same or similar design. The repaired or replacement product will be warranted for either (a) 90 days or (b) the remainder of the original one (1) year warranty period, whichever is longer. Batteries are warranted to be free from defects at the time of purchase.

EXCLUSIONS: This warranty does not cover (a) the adjustment of customer-operated controls as explained in the appropriate model's instruction manual, or (b) the repair of any product, which has been altered or defaced. This warranty shall not apply to the cabinet or cosmetic parts, antenna, buttons, batteries, or routine maintenance. This warranty does not apply to repairs or replacements necessitated by any cause beyond the control of SIEMENS including, but not limited to, any malfunction, defect or failure caused by or resulting from unauthorized service or parts, improper maintenance, damage from leaking batteries, operation contrary to furnished instructions, shipping or transit accidents, modification or repair by the user, abuse, misuse, neglect, accident, incorrect line voltage, fire, flood or other Acts of God, or normal wear and tear.

This warranty shall be void if the product is damaged as a result of defacement, misuse, abuse, neglect, accidents, destruction, or alteration of the serial number, improper electrical voltages or currents, repair, alteration or maintenance by any person or party other than our authorized service facility or any violation of instructions furnished by us.

The warrantor is not liable for incidental or consequential damages resulting from the use of this product, or arising out of any breach of this limited warranty. (As examples, this excludes damages for lost time, lost calls or messages, cost of having someone remove or re-install an installed unit if applicable, travel to and from servicer. The items listed are not exclusive, but are for illustration only.)

This warranty is also void if this product is removed from the country in which the original purchaser purchased it, if it is used in a country, which it not registered for use, or if it is used in a country for which it was not designed. Due to variations in telephone systems and communications laws, this product may be illegal for use in some countries. We assume no responsibility for damages or penalties incurred resulting from the use of this product in a manner or location other than that for which it is intended.

Safety precautions

THIS ONE-YEAR LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED. ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED IN DURATION TO THE ONE-YEAR DURATION OF THIS WRITTEN LIMITED WARRANTY. EXCEPT AS EXPRESSLY SET FORTH HEREIN, WE DISCLAIM ANY LIABILITY FOR DAMAGES ARISING FROM OWNERSHIP, USE, OR LOSS OF USE OF THE PRODUCTS, LOSS OF TIME, INCONVENIENCE, INJURY TO CUSTOMER OR ANY OTHER PERSON, OR DAMAGE TO CUSTOMER PROPERTY CAUSED BY THE PRODUCT, LOSS OF REVENUE OR PROFIT, OR DAMAGES FOR ANY FAILURE TO PERFORM. IN NO EVENT SHALL WE BE LIABLE FOR ANY SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES EVEN IF WE ARE ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT SHALL SIEMENS' LIABILITY EXCEED THE COST OF REPAIRING OR REPLACING THE DEFECTIVE PRODUCT AS PROVIDED HEREIN, AND ANY SUCH LIABILITIES WILL TERMINATE UPON EXPIRATION OF THE WARRANTY PERIOD.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

This limited warranty is the sole and exclusive warranty provided for the product. This limited warranty is valid only in Canada and the United States (excluding all U.S. territories and protectorates). This limited warranty gives you specific legal rights, and you may also have other rights, which vary from state to state or province to province.

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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.



0+ / *Δ 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 **OK** 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 **OK** display key to confirm the function.

Contrast Select and press **OK**.

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

Select contrast and press **OK**.

- ▶ Press on the right or left of the control key to select the contrast.
- ▶ Press the **Save** 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.

Notes on the operating instructions

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: | 06.03.06 |
| Time: | [11:11]am |
| Time mode: | 12-hour |
| 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

Accessories

Gigaset Handsets

ADD ADDITIONAL HANDSETS TO YOUR GIGASET CORDLESS TELEPHONE SYSTEM.

Gigaset Handset E45

- ◆ 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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Gigaset Handset S45

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

www.siemens.com/gigasets45



Voice and data adapter Gigaset M34 USB

Use the Gigaset M34 USB for wireless connections between your PC and your Gigaset. You can:

- ◆ Access your VoIP applications from your Gigaset handsets
- ◆ Write, send and receive text messages using your Gigaset handset
- ◆ Have Internet messages (weather, stock prices etc) displayed on your handset
- ◆ Send and receive texts from messenger services (IMS)
- ◆ Operate your PC remotely via the handset (operating the Windows Media Player etc)



www.siemens.com/gigasetm34usb

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

XXXXX



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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