

SIEMENS

Be inspired

Issued by
Information and Communication mobile
Haidenauplatz 1
D-81667 Munich

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Siemens Aktiengesellschaft
www.my-siemens.com



SX1

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Information for parents

Please read the operating instructions and safety precautions carefully before use. Explain the content and the hazards associated with using the phone to your children.



Remember to comply with legal requirements and local restrictions when using the phone. For example in aeroplanes, petrol stations, hospitals or while driving.



Mobile phones can interfere with the functioning of medical devices such as hearing aids or pacemakers. Keep at least 20 cm/9 inches between phone and pacemaker. When using the mobile phone hold it to the ear which is further away from the pacemaker. For more information consult your doctor.



The SIM card and MultiMediaCard may be removed. Caution! Small parts like this could be swallowed by young children.



The mains voltage specified on the power supply unit (Volt) must not be exceeded. Otherwise the charging device may be destroyed.



The ringtone (S. 88), info tones (S. 88) and handsfree talking are reproduced through the loudspeaker. Do not hold the phone to your ear when it rings or when you have switched on the handsfree function (p. 15). Otherwise you risk serious permanent damage to your hearing.



Do not use an optical magnifier to look at the activated infrared interface [Class 1 LED product (classification as per IEC 60825-1)].



Only use original Siemens batteries (100 % mercury-free) and – charging devices. Otherwise you risk serious damage to health and property. The battery could explode, for instance.



You may only open the phone to replace the battery (100 % mercury-free), or SIM card or MultiMediaCard. You must not open the battery under any circumstances. All other changes to this device are strictly prohibited and will invalidate the guarantee.

Important:



Please dispose of unwanted batteries and phones as permitted by the laws in your country.



The phone may cause interference in the vicinity of TV sets, radios and PCs.



Use only Siemens original accessories. This will avoid potential risks to health or property and ensure compliance with all relevant regulations.

Improper use will invalidate the guarantee!
For software installation see important warning message on p. 68.

① Integrated antenna

Do not interfere with the phone above the battery cover unnecessarily. This reduces the signal strength.

② Loudspeaker

③ Displays

Signal strength/GPRS available/
battery level

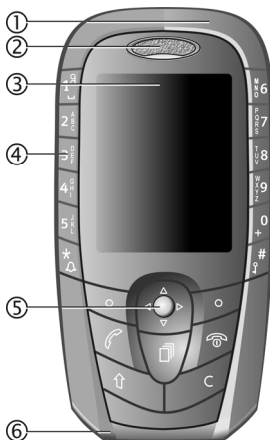
④ Number keys

Digits, letters.

⑤ Joystick/Other keys

See next page.

⑥ Microphone



① Infrared interface

(IrDA, e.g. for communication between PC/
PDA and mobile phone)

② Push-to-talk key

- In standby mode: start voice control,
- In voice control mode: start recording,
- In voice record mode: start recording.

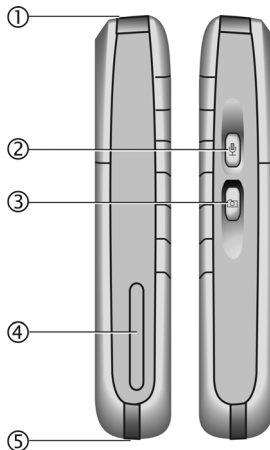
③ Snapshot key

- In standby mode:
start snapshot application,
- Snapshot mode: take a photo.

④ MultiMediaCard insertion

⑤ Device interface

Connection for charger, headset etc.



① key Hold down

In standby mode: switch key lock on/off.

② **Soft keys**

The current functions of these keys are displayed in the lowest display line as text or icons.

③ key Hold down

In standby mode: Switch on/off the profile "Mute" (p. 71).

④ **Joystick**

Move the joystick left, right, up down for navigation on the display.

Press the joystick to open folders or start applications.

⑤ **Menu key**

Press to display the main menu. Hold down to switch between applications (p. 9).

⑥ **Call key**

Dial displayed phone number or name, accept calls.

In standby mode: display the last calls.

In call mode: Hold/unhold function

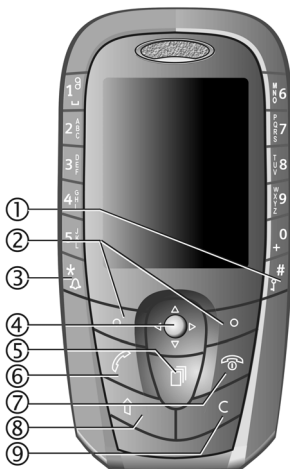
⑦ **On/Off/End key**

Press: end call/function/application and return to Idle mode.

In menus: one menu level back.

Hold down:

Switch phone on/off. From menus: return to standby mode.



⑧ **Shift key**

Opens the text menu with editing functions.

In lists: while holding, press/move the joystick to mark/unmark items.

In edit mode: while holding, press/move the joystick to mark/unmark characters.

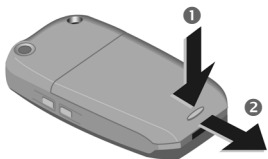
⑨ **Clear key**

Deletes selected items in edit mode or user-created lists.

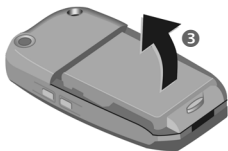
Insert SIM card/battery

The service provider supplies you with a SIM card on which all the important data for your line is stored. If the SIM card has been delivered in credit card size, snap the smaller segment out and remove any rough edges.

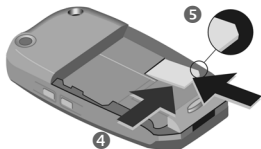
- Press the lock ❶ and remove the lid in the direction indicated by the arrow ❷.



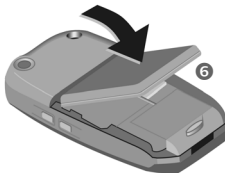
- Remove the battery upwards ❸.



- Insert SIM card in the opening with contacts **pointing downwards**. First push at the phones edge ❹, then push gently until it engages ❺ (make sure the angled corner is in the correct position).



- Insert battery into phone ❻.



- Close the lid in reverse way as described in ❷.

Note

Always switch off phone before removing the battery!

Only 3-Volt SIM cards are supported. Please contact your service provider if you have an older card.

Emergency number (SOS)

Must only be used in real emergencies!

Switch the phone on and check for adequate signal strength.



Press to go to standby if in a menu or application.



Key in the emergency number (e.g. 112 or other official emergency numbers).



Press to call the number.

You can make an emergency call on any network without a SIM card and without entering a PIN (not available in all countries).

Charge battery

The battery is not fully charged when delivered. Plug in the charger cable at the bottom of the phone, plug in the power supply unit to the mains power socket and charge for at least two hours.

Display when charging is in progress



During charging.

Charging time

An empty battery is fully charged after about 1 - 1.5 hours. Charging is only possible in an ambient temperature of 5 °C to 40 °C (the charge icon flashes as a warning when the temperature is 5 °C above/below this range). The mains voltage specified on the power supply unit must not be exceeded.

Charge icon not visible

If the battery is totally discharged no charge icon is displayed when the charger is plugged in. It will appear after two hours at most. In this case the battery is fully charged after 1.5 - 2 hours.

Only use the charger provided!

Display while in service

Charge level display during operation (empty-full):



A beep sounds when the battery is nearly empty.

Note

The charger heats up when used for long periods. This is normal and not dangerous.

Operating times

Standby time up to 200 hours, and up to 240 minutes talk time, depended on the operating conditions.

User guide

The following symbols are used to explain operation:



Enter numbers or letters.



On/Off/End key.



Call key.



Soft keys.



Shift key.



Clear key.



Menu key.



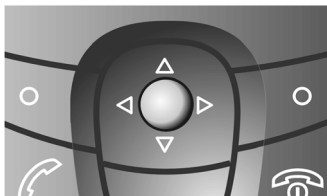
Use joystick for navigation on display, and for open folders and applications.



Function depends on the service provider, special registration may be necessary.

Navigation

Joystick



Move the cursor in menus, and lists by moving the joystick to the left, right, up, and down.

Open selected folders or start applications by a short press on the joystick.

Menu

In the Menu you can access all main applications.



Press the menu key to display the Menu.

Personalise your Menu

Organise all applications and folders in any order you like. Select the required item, then:

Options ► Move

A check mark is placed beside the selection. Move with the cursor to the new position and press **OK**.

To move items to a folder, select the required item:

Options ► Move to folder

A list of available folders is shown as possible destinations (function is not shown if there is no folder available). You can also choose the root level when moving an item out of a folder. Select the new location for the item and press **OK**.

Menu Options

Open, List view, Move, Move to folder, New folder, Exit.

Switching between applications

If there is more than one application running you can switch between them.



Press and hold down the Menu key.

A list with all active applications appears on the display. Scroll to the required one and press the joystick to switch the active one.

Note

If too many applications are open, some may be closed by the phone to save memory. Unsaved data will be saved automatically before an application is closed.

Searching

Your phone has one search field for all purposes. Usually the search field is indicated as such by a magnifying glass to the left of the text-field. In other cases you may have to activate it:

Options ► Find

To search for an item, key in letters in the search field. The phone starts searching automatically and shows the matches for selection. To optimise the search, key in more letters. To open the found item, press the joystick.

Switch on, off




To switch **on**, hold **down** On/Off/End key.

To switch **off**, hold **down** On/Off/End key in **standby mode**.

Enter PIN

The SIM card can be protected with a 4-8 digit PIN.



Enter your PIN code using the number keys (shown as a series of asterisks). If you make a mistake press .



Press **OK** to confirm the input. Logging on to the network will take a few seconds.

Standby mode

When the name of the service provider appears at the top of the display, the phone is in **standby mode** and **ready for use**.



The following indicators are shown on the display:

Signal strength



Strong signal.



A weak signal reduces the call quality and may lead to loss of the connection. Change your location.

Battery charge level

Shows the power of the battery in 7 steps, e.g.:



Half full.



Full.

General

The phone and SIM card are protected against misuse by several security codes.

Keep these confidential numbers in a safe place where you can access them again if required.

PIN code	Protects your SIM card (personal identification number).
PIN2 code	This is needed to set the charge detail display and to access additional functions on special SIM cards.
PUK PUK2	Key code. Used to unlock SIM cards after the wrong PIN has been entered.
Security code	Protects your phone. The default code number is 12345 . You can change the security code to any number.

To access code administration:



- Setup ➤ Settings ➤ Security
- Phone and SIM
- Select a function:

PIN code request

The PIN is usually requested each time the phone is switched on. You can deactivate this feature but you risk unauthorised use of the phone.

PIN code

You can change the PIN to any 4-8 digit number you may find easier to remember.

PIN2 code

(displayed only if PIN 2 is available)
Change PIN2 proceed as with **PIN code**.

Security code

You can change the security code to any number (exactly 5 digits). The default code number is **12345**.

If it is entered incorrectly three times, the phone will be blocked. In this case, please contact Siemens Service (p. 96).

Clear SIM card barring

If the PIN is entered incorrectly three times, the SIM card is barred. Enter the PUK (MASTER PIN), provided by your service provider with the SIM card, according to instructions. If the PUK (MASTER PIN) has been lost, please contact your service provider.

Note

See p. 79 for more functions.

Dialling with number keys

The phone must be switched on (standby mode).



Enter the number (always with prefix).



Press to set the international prefix +.



A **short** press clears the last digit, a **long** press clears the entire number.



Press the Call key. The displayed phone number is dialled.

Dialling using Contacts

Press the joystick or move it down to open **Contacts** (in standby mode)

or



► **Contacts**

Select required entry.



Press the Call key to start the call.

For further information see p. 21.

Note

You can also make calls from numbers found within SMS, MMS, E-mail messages and other texts, from the SIM Phonebook or by using shortcuts (p. 75).

Accept call

The phone must be switched on (standby mode).



Press.

or



Press **Answer**.

If the phone number has been transmitted by the network, it is displayed. If it is stored in the **Contacts**, the corresponding name/picture is displayed.

End call



Press the End key.

Note

End an active call even if the person on the other end of the line has hung up first.

Dialling Options

Add to **Contacts** (Create new, Update existing), Call, Send (SMS, MMS).

Reject call



Press the end key. The caller will hear a "line busy" tone.

The call may be diverted if this has been set previously (p. 83).

Call waiting

You may need to register for this service with your service provider and set your phone accordingly (p. 75).

During a call, you may be advised that there is another call waiting. You will hear a special tone during the call.

You have the following options:



Press **Call** during the call to answer the waiting call. The first call is put on hold.



Press briefly to end the active call or hold down to end both calls. Also:

Options ➤ **End all calls**

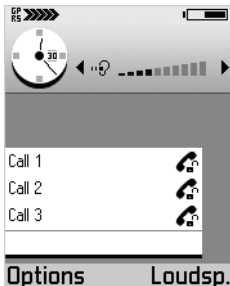
If a second call is on hold:



Press **Swap** to switch between the calls.

Conference

Call up to 5 parties one by one and link them together in a phone conference. Some of the functions described may not be supported by your service provider or may have to be enabled specially.



You have established a connection:



Enter the new number, or use **Contacts** (p. 21).



Press the **Call** key.

The first call is automatically put on hold. When the new connection is established, add the first participant:

Options ➤ Conference

To add another person to the conference, repeat procedure and then select:

Options ➤ Add to conference

Private

You can have a private conversation with one of the conference participants:

Options ➤ Conference ➤ Private

Select participant.



Press **Private**.

You can now have a private discussion, while the rest of the conference participants continue talking.

To end the private conversation and go back to the conference:

Options ➤ Conference

Drop

To remove one participant from the conference:

Options ➤ Conference ➤ Drop participant

Select participant.



Press **Drop**.

Options during a call

BT handsfree on, End active call, Hold/Unhold, Mute/Unmute, New call, Add to conference, Send DTMF, Answer, Reject, Mute

Most relevant functions:

Mute/Unmute

Switch microphone on/off.

If switched off, the person on the other end of the line cannot hear you (muting)

Transfer

The original call is joined to the second one. For you, both calls are now ended

Send DTMF

You can enter control codes (digits) during a call so that an answering machine can be controlled remotely. These digits are directly transmitted as DTMF tones (control codes).



Press to produce a *****.



Press to produce a **#**.



Press twice to produce "p" for a pause of approx. 2 seconds, and press 3 times to produce "w" if you want the remaining sequence not to be sent until you press **Send** again during the call.



Press **OK** to send the tone.

Note

To store DTMF tones as an **Contacts** entry, see p. 21.

Volume control

Move the joystick left/right to decrease/increase volume when a call is active or a sound plays.

Do the same if a headset is connected.

Handsfree

To activate/deactivate the loudspeaker during a call:

Press sidekey



or

Options ➤ **BT handsfree on/
Activate handset**

You can hear the caller via the built-in loudspeaker. Also useful when using an application during a call, e.g. calendar or notes.

General

Your phone offers two ways of writing text:

- The conventional method. You press a number key repeatedly until the required character appears.
- The T9 method. You write a word, pressing each number key only once.

Conventional writing

To switch to conventional writing:



Press.

Alpha mode

Select.

Press a number key repeatedly until the required character appears. Make a pause until the cursor appears to the right of the written character. Write next character and so on.

After the characters of a key its number is written, followed by similar characters used in foreign languages.

T9 writing

To switch to T9 writing:



Press.

T9 input on

Select.

If T9 text input is switched on this icon is shown: **T9**

T9 deduces the correct word from the individual key entries by making comparisons with an extensive dictionary. Since the display changes as you proceed ...

... it is best if you finish a word without looking at the display.

You simply press the keys where the relevant letter is located **once only**. For "hotel", for example, type:



While you write a word it is underlined. If it is correct move the cursor to the right or insert a space.

If the word is incorrect and the cursor marks the word:



Press >>T9>> repeatedly to view matching words stored in the dictionary.

If the last match is reached, you can add the word as a new entry to the dictionary.



Press **Spell** to write the new word. Press **OK** to save it to the dictionary.



Writes a dot.



Multiple **short** press inserts punctuation marks. *



Shows a table with special characters (symbols) for selection.


Navigate to the desired character by using the joystick.



Deletes the character left of the cursor.

* Long press on any number key writes the number.

General rules

For writing text, several modes are available. For changing mode, use the  key. The status indicator is shown at the top line of the display.



Long press switches to:

123 – Number mode. For leaving number mode, **long** press the key again – you cannot change between the other modes when **123** is activated.




Short press switches between:

abc/T9 abc – All lower case.

Abc/T9 Abc – First letter upper case, following letters lower case.

ABC/T9 ABC – All upper case.



Entering  opens a small pop up menu. *

Short press once writes a blank and ends the word.



Short press twice for line feed.

Short press three times for entering 1. *

Text options

During writing text, T9 options, other mode options, and writing language can be changed. Depending on the current situation not all functions are visible.



Press.

T9 input

Select.

Matches

View a list of matching words for selection.

Insert word

Add a word to the dictionary (max. 32 letters). If the dictionary becomes full, a new word replaces the oldest one.

Edit word

Edit word in **abc/ABC** mode.

Off

Ends T9 mode.

Alpha mode

Switches to lower case mode. The status indicator shows **abc**.

Number mode

Switch to number input mode. The status indicator shows **123**.

Insert symbol

Shows a table with special characters for selection.

Writing language

Change the T9 input language. If the required dictionary is not available, see **Writing language**, p. 73.

Copy

Selected text will be copied into the clipboard. To select text:



Press and hold, while moving the joystick left/right to select words or up/down to select lines.



Still hold and press **Copy**.

Cut



Short press to open the menu, select **Cut** to cut and copy the selected text into the clipboard.

Paste

To insert text from the clipboard:



Press and hold, then press **Paste**.



Press to remove the selected text from the document.

General



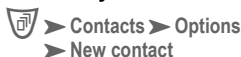
In **Contacts** you can store and manage entries with names, phone numbers and additional address information. Add voice dialling, a personal ringtone or a thumbnail image to an entry.

Open the Contacts



It is also possible to open contacts by pressing joystick downwards, or to assign one of the softkeys in idle mode a shortcut to contacts.

New entry



Enter at least a name and a phone number. To write text, see, p. 16.



Press **Done** to store the new entry.

GP
RS

Mustermann Thilo

First name
Thilo

Last name
Mustermann

Company

Job title

Options Done

Insert SIM card entries



You can copy entries from the SIM card to the **Contacts** on the phone. Further data can be added to them subsequently.



Open SIM phonebook and select the name(s) you want to copy by marking.

Options **➤** Copy to Contacts

To copy an entry from **Contacts** to SIM, open the entry and select the required number:

Options **➤** Copy to SIM ph.book

Contacts Options main menu

Open, Call, Create message (SMS, MMS, E-mail), New contact, Edit, Delete, Duplicate, Add to group, Belongs to groups, Mark/Unmark, (Mark, Mark all, Unmark all), Send business card (via SMS, via e-mail, via Bluetooth, via infrared), Contacts info (Memory, Voice tags) Exit.

Contacts Options

By opening a contact the following functions are available.

Call, Create message (SMS, MMS, E-mail), Edit, Delete, Defaults, Add voice tag, Ringtone, Copy to SIM ph.book, Send business card (via SMS, via e-mail, via Bluetooth, via infrared), Ringtone, Send business card (via SMS, via e-mail, via Bluetooth, via infrared), Exit.

Edit an entry

Select required entry.

Options ► **Edit**



Make the required changes.



Press **Done**, to save the setting.

Delete an entry

Select required entry.

Options ► **Delete**

or

press  button.

Delete multiple entries

Select required entries.

Options ► **Mark**

or

Options ► **Mark all**

The entries are indicated by a check mark. Mark further entries if required. To delete all marked entries select:

Options ► **Delete**

or

press  button.

Add and remove fields

There are additional fields available for an entry. To add/delete an extra field open the entry, then:

Options ► **Edit**

Then in edit mode:

Options ► **Add detail/Delete detail** select to edit, complete or delete informations of a contact entry.

or

Options ► **Edit label** select to rename a field.

Add a picture

There are two different types of picture you can add to an contacts entry. See also **Camera**, p. 49.

Thumbnail

This image is shown in the display when the entry calls you. To open the required entry:

Options ► **Edit**

Then in edit mode:

Options ► **Add thumbnail**

Select a thumbnail.

Image

Attach an image to an entry. Open the required entry, move the joystick to the right to open the image view, then:

Options ► **Add image**

Add DTMF tones

In editing mode add the field DTMF to the entry:

Options ➤ **Add detail** ➤ **DTMF**



Key in the DTMF tone string.

To use it, make a call. Once the connection is established, select the DTMF field and press **OK**.

Editing Options

Add thumbnail/Remove thumbnail, Add detail/Delete detail, Edit label, Exit.

Call an entry



➤ **Contacts**

Select required entry and press joystick.

If there is more than one number available select the required number from the list.



Press.

View an entry

The view mode shows all fields with information contained in the entry.

Select the required entry and press the joystick

or

Options ➤ **Open**

Move the joystick to the right to open the image view.

View Mode Options

Call, Create message (SMS, MMS, E-mail), Edit, Delete, Defaults, Add voice tag/Voice tags, Assign shortcut:/Remove shortcut, Ringtone, Copy to SIM ph.book, Send business card (via SMS, via e-mail, via Bluetooth, via infrared), Exit.

Assign default numbers and addresses

If an entry has several phone numbers or e-mail addresses, to speed up calling and sending messages, you can define certain numbers and addresses to be used as default.

Open the entry.

Options ➤ **Defaults**

In a pop-up window the following options are displayed:

- Phone number
- SMS number
- MMS number/address
- E-mail address

Select an option, then



Press **Assign**. All assigned numbers/addresses are displayed. Select the one you want to have as the default.

Groups

For better handling of large numbers of **Contacts** entries you can assign them to groups. These can also be used as distribution lists for sending short messages or e-mails.

New group

Open Contacts:



► **Contacts**

Move the joystick to the right to open the Groups list.

Options ► **New group**



Write a name for the group.



Press **OK**.

Add members

Open Contacts:



► **Contacts**

Select required entry.

Options ► **Add to group**

Select required group (if more than one available).



Add to group: press.

Add multiple members

Open Contacts



► **Contacts**

Move the joystick to the right to open the Groups list. Select and open required group.

Options ► **Add members**

Select an entry and press the joystick to mark it. Repeat on all entries you want to add.



Press **OK** to add all marked entries to the group.

Remove members

Open **Contacts**:



Move the joystick to the right to open the Groups list. Select and open required group. Then select required entry;

Options ➤ **Remove from group**



Press **Yes**

or

press  button.

Groups Options

Open, New group, Delete, Rename, Ringtone, Contacts info (Memory, Voice tags), Exit

Most relevant functions:

Ringtone

Assign an individual ringtone to the selected group.

Contacts info ➤ **Memory**

No. of contacts/groups

Contacts info ➤ **Voice tags**

List of all entries with voice tags.
Press **Options** to edit.

Voice Dialling



30 phone numbers can be dialled by simply saying a word e.g. the name of an entry. Voice dialling entries must be stored in the phone's memory (not on the SIM card!).

Some useful hints before using voice dialling:

- Voice tags depend only on the speaker's voice, not a language.
- Beware of loud background noise, voice tags are sensitive to it.
- Use long names for better recognition and differentiation between similar names.
- When using voice dialling, the loudspeaker is in use.

Record

Open **Contacts** and select the required entry.

Open the entry and select the required number.

Options ➤ **Add voice tag**



Press **Start**.

Say the name after the starting tone. There are two times training to enter a voice tag. Wait until the name is repeated and automatically saved by the phone.



Press **Quit** if you don't want to save recording.



When the voice tag is saved, a symbol can be seen next to the number in the addressbook entry.

Apply

Long press Voice Dialling key on the side of the phone.



A short signal sounds. Now say the name. The phone answers with the original voice tag and displays the number and name. The number will be dialled after 1.5 seconds.



Press **End call** if you don't want to make this call.

Editing Options

Playback, Delete, Change

Note

To view the list of all defined voice tags:

Open **Contacts**:

Options ► **Contacts info** ► **Voice tags**

To hear a voice tag, select it:

Options ► **Playback**

Add a ringtone

You can set a specific ringtone for each entry or group. When that entry or group member calls you, this ringtone will be played.

Note

The phone number of the caller must be sent with the call to become recognised (see also **Send my caller ID**, p. 75).

Open **Contacts** and select the required entry. Open the entry

or

move the joystick to the right to open the **Groups** list.

then

Options ► **Ringtone**

Select required tone.



Press **Select**.

Note

All entries in a group get the same ringtone you assign to the group, even if they had their own one before.

Business Card

You can create an entry as your own business card and transmit it as a message in vCard format via SMS and e-mail or you may transmit it to another device with IrDA or Bluetooth capability.

Open **Contacts** and select your entry.

Options ► **Send business card**

Then select the method:

via **SMS**, p. 29

via **Bluetooth**, p. 84

via **infrared**, p. 87

General



Your phone stores numbers of phone calls for convenient redialling and registers all traffic such as short messages, packet data connections and fax/data calls.

Recent calls

 ► Records ► Recent calls

Select required list:

Calls missed



Up to 20 phone numbers of calls that you have received but not answered are stored for call back purposes.

Requirement: The network supports the "Caller Identity" feature

Calls received



Up to 20 phone numbers, or names of the most recently accepted calls are listed.

Requirement: The network supports the "Caller Identity" feature

Dialled numbers

Access to the last 20 numbers you dialled or attempted to call.

Editing Options

After selecting the call list, the following options are available:

Call, Use number, Delete, Clear list, Add to Contacts (Create new, Update existing), Exit

Records list



► Records

Move to right to show the total records list.

Icons in the list:



Missed calls.



Received calls.



Dialled numbers.

Records list options

View details, Clear records, Filter, Add to Contacts (Create new, Update existing), Settings, Exit.

Most relevant function:

Use the **Filter** for a customized view of the list.

Call duration

Displays the duration of incoming and outgoing calls.

Available lists:

Last call, Dialled numbers, Calls received, All calls

Note

You can see the call duration during an active call:

Options ► Settings
► Show call duration ► Yes

Call costs

Call costs allows you to check the cost of the last call or all calls.

Call costs limit set by a service provider

Special SIM cards allow the service provider to define a credit or a period after which the phone is barred for outgoing calls.

The number of remaining units is shown during a call and in standby mode. The display of prepaid cards may vary depending on the service provider.

Call costs limit set by yourself

(PIN 2 query)

 ➤ **Records** ➤
➤ **Last call units/All calls' cost**

Mark one of them. For activating select:

Options ➤ **Settings**
➤ **Call cost limit** ➤ **On** ➤ **OK**

Enter the limit in units or currency depending on the setting **Show costs** in above.

GPRS data counter

 ➤ **Records** ➤ **GPRS counter**

Allows you to check the amount of data sent and received during packet data (GPRS) connections.

Records options

The offered functions depend on the current situation/position:

Open, Clear timers, Clear counters, Clear recent calls, Settings, Exit

Most relevant functions:

Clear recent calls:

You can clear **all** recent calls lists.

Settings:

- **Records duration:** No, 1, 10 or 30 days.
- **Show call duration** during an active call: Yes/No
- **Show costs in** (PIN 2 query): **Currency/Units**
- **Call cost limit** (PIN 2 query): **Off, On** (see above).

General



Messages



Transmit and receive messages via:

- SMS,
- Smart message,
- MMS,
- E-mail,
- Bluetooth or infrared.

Additionally you may receive cell broadcast messages or WAP service messages.

Message options

The offered functions depend on the current situation/position.

Open, Create message (SMS, MMS, E-mail), Connect, SIM messages, Cell broadcast, Service commands, Settings, Exit

New messages

SMS (Short message)

You may transmit and receive very long SMS (up to 760 characters) on your phone, which are automatically composed from several "normal" SMS messages (note the accruing charges).

Depending on the service provider, e-mails and faxes can also be sent or e-mails can be received via SMS (change setting if necessary, p. 37).

Create a short message

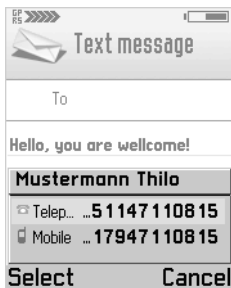
Messages ➤ **Create message**
➤ **SMS**

To insert recipient in the field **To**:

- Press joystick to open contacts, mark/unmark recipient(s). Press **OK** to return to message. If a recipient offers multiple phone numbers, select one.
- Write the phone number
- Copy the recipient from another application (**Copy**, see p. 18).

Move down to the text field and write text (p. 16).

In the top of the display the message length indicator will show you the number of used characters and SMS.



Send the message:

Options ► **Send**

Save the message (to send it later):



Press **Close** to save message to **Drafts**.

SMS Options

Send, **Add recipient**, **Insert (Picture, Template)**, **Delete**, **Message details**, **Sending options** (p. 28), **Exit**.

Smart message

Smart messages are special short messages that can contain data. You can send a business card (vCard, p. 25) or a calendar note (vCalendar, p. 59). You may receive e.g. WAP Service setting informations, a ring-tone or an operator logo.

MMS

The **Multimedia Messaging Service** enables you to send texts, pictures, sounds and video clips in a combined message to another mobile phone or to an e-mail address. Depending on the setting of your phone, you will automatically receive the complete message or you will receive a notification for a few seconds that shows that a new message is on the server. User has to change the settings to Retrieve immediately to receive the message.

Ask your service provider whether this service is available. You may need to register for this service separately.

Note

Only devices that offer Multimedia Messaging Service can receive multimedia messages.

A multimedia message can have several pages with text, music or pictures included in each page.

Text can be composed using T9 support (p. 16).

An **Image** that has been produced with **Snapshot** or received in a message can be attached. The maximum size of 640x480 pixels is reduced to the size of the display.

A **Sound clip** is sent and received as a AMR file.

A **Video clip** can be recorded with the Camcorder application, located at:



► **Camera** ► **Video**

Further informations about camcorder see: www.my-siemens.com/sx1

All items in an MMS are combined in the form of a slide show.

Create a multimedia message

Messages ► New message ► MMS

To insert recipient in the field To:

- Press joystick to open contacts, mark/unmark recipient(s). Press **OK** to return to message.
If a recipient offers multiple phone numbers or e-mail addresses, select one.
- Write the phone number
- Copy the recipient from another application (**Copy**, see p. 18).

Move down to the text field and write text (p. 16).

To add an image, a sound clip, a video clip and templates to the message:

Options ► Insert (Image, Sound clip, Video clip, New image, New sound clip, Template)

To remove the image, the sound clip or video clip from the message:

Options ► Remove
(Image, Sound clip, Video clip)

To see the complete multimedia message before sending:

Options ► Preview message

To see/hear the single objects of the message:

Options ► Objects

(In the **Objects** view you are offered other **Options** to arrange, open and remove objects).

Save the message (to send it later):



Press **Close** to save message to **Drafts**.

Send the multimedia message:

Options ► Send

or

press call creation key to send the message

MMS Options

Send, Add recipient, Insert, Preview message, Objects, Remove, Delete, Message details, Sending options, Exit.

E-mail

Your phone has its own e-mail client. You can use it to create and receive e-mails. A file from the file system (e.g. ringtone) can be inserted in an e-mail as an attachment.

Create an e-mail

Messages ➤ **New message** ➤ **E-mail**

To insert recipient in the field **To**:

- Press joystick to open contacts, mark/unmark recipient(s). Press **OK** to return to message.
If a recipient offers multiple e-mail addresses, select one,
- Write the e-mail address(es).

Note



Press for @.



Press to separate several recipients with a semicolon.

- To send a copy of the e-mail to someone, insert the address in the field **Cc**:
- In the field **Subject**, enter the header of the e-mail.

Move down to the text field and write text (p. 16).

To add attachments like images, sound clips, video clips, notes and templates to the message:

Options ➤ **Insert** (Image, Sound clip, Video clip, Note, Template)

To see/hear the single objects of the e-mail:

Options ➤ **Attachments**

(In the Attachments view you are offered other **Options** to open, insert and remove objects)

Send the e-mail:

Options ➤ **Send**

(E-mails are automatically transmitted to the Outbox before sending).

Save the message (to send it later):



Press **Close** to save message to Drafts.

E-mail Options

Send, **Add recipient**, **Insert**, **Attachments**, **Delete**, **Message details**, **Sending options**, **Exit**.

Inbox

All received messages are stored in the Inbox (except e-mails, see Mailbox (p. 35) and cell broadcasts (p. 41).

Messages ► Inbox

Unread messages are written in bold. The following icons may appear for



new/read short messages



new/read smart messages



new/read multimedia messages



new/read WAP service messages



data received via Bluetooth



data received via infrared



unknown type

Inbox options

Open, Create message (SMS, MMS, E-mail), Delete, Message details, Move to folder, Mark/Unmark, (Mark, Mark all, Unmark all), Exit.

Viewing a message

Select the required message in the Inbox and press the joystick to open it. Use the joystick to scroll through the message line by line. Move the joystick left/right to show the previous/next message.

View options

The functions offered depend on the opened message type.

SMS and others


Reply

Open the message in the editor with the sender's address in the field **To:**

Forward

Open the message in the editor.

Call

Call the sender (or press )

Delete

Delete message.

Message details

Check detailed information about the message.

Move to folder

Move the message to another folder.

Add to Contacts

With the sender's address, update an existing address entry or create a new one.

Find

Search message for phone numbers, e-mail addresses and Internet addresses (URL).

Exit

Leaves the message menu and goes back to main menu.

Smart messages only

Picture message

Save the picture in a smart message to **Images**. Other objects to save may be:

Ringtone, **Operator logo**, **Calen. entry**

Business card

Save the data to Addresses. If a picture is attached, it will be saved to Addresses as well.

Save to bookmarks

Save a bookmark to the list:

Bookmark:

E-mail notification

Tells you the number of new e-mails in your remote mailbox. For how to read an e-mail, see **Mailbox**.

Service data

If service data are received, copy them with the relevant function: **Save to e-mail sett.**, **Save to SMS sett.**, **Save to Voice mail**, etc.

Multimedia messages only

View image

Shows an attached image.

Play sound clip

While playing, move joystick right/left to increase/decrease volume. Press **Stop** to stop the audio playback.

Play video clip

Plays an attached video clip.

Objects

List all the different multimedia objects in a multimedia message. In the **Objects** view you are offered more **Options** to open, save and send objects.

Note

Beware of viruses and harmful software. Do not open attachments from dubious senders. See also Certificate management (p. 79).

WAP messages

The message may contain book-marks and/or access point information. To save both, select **Save all**. To save them separately, select **View details**. Then select **Save to bookmarks** or **Save to Settings**.

WAP service messages

Your provider may offer "push messages" which are notifications of news headlines or services. For availability and subscription details, ask your service provider.

A WAP service message may contain text or addresses. To view or download the service select **Download message**. If necessary, the phone makes a data connection.

My folders

Messages ► My folders

Organise your messages in folders. You may create new folders, rename or delete old ones.

Templates is a special kind of folder which contains fixed phrases. There you can add new templates for later use in your messages.

Note

When you are looking inside a folder, you can simply change to other folders by moving the joystick left/right.

My folders options

Open, Create message (SMS, MMS, E-mail), Delete, New folder, Rename folder*, Exit.

* Not available for **Templates** folder.

Mailbox

Messages ► Mailbox

Connecting to the mailbox

Options ► Connect

If you have not set up your e-mail account, you will be prompted to do so; see **Settings** (p. 40).

- | | |
|------------|---|
| Yes | Connect to your mailbox. |
| No | Read the e-mails stored in your phone off-line. |

Disconnect from the mailbox

After retrieving your e-mail you should disconnect and read your messages off-line to save connection costs.

Mailbox options

The functions offered depend on your on-line or offline status.

Open, Create message (SMS, MMS, E-mail), Connect/Disconnect, Retrieve e-mail (New, Selected, All), Delete, Message details, Copy to folder, Mark/Unmark, (Mark, Mark all, Unmark all), Exit.

Read new e-mail

Before an e-mail can be read, it should be retrieved from the server. The service provider is dialled with the set access profile and all/new e-mails are transmitted to the mailbox list in your phone.

Options ► Retrieve e-mail

- | | |
|-----------------|--|
| New | Retrieve only new unread e-mails. |
| All | Retrieve all e-mails from your remote mailbox. |
| Selected | Use the Mark/Unmark function to select the required e-mails. |

To read an e-mail, select the required message in the list and press the joystick to open it.

Note

Before getting the latest e-mail you must always reconnect to your mailbox.

Delete e-mail

You may delete e-mail from the phone only or from the phone **and** the remote mailbox on the server:

Options ► Delete ► Phone only

or

Options ► Delete ► Phone and server

View e-mail options

Reply (To sender, To all), Forward, Delete, Attachments, Message details, Move to folder, Add to Contacts (Create new, Update existing), Find, Exit.

E-mail attachments



If an e-mail has indicated this attachment sign, select.

Options ► Attachments

In the attachment view, you may retrieve, open or save attachments separately, if any corresponding application is available.

Note

Beware of viruses and harmful software. Do not open attachments from suspicious senders. See also Certificate management (p. 79).

Retrieve attachments

Your mailbox may be setup not to receive attachments automatically. This is indicated by a dimmed attachment indicator in the e-mail.

To receive the attachment:

Options ► Retrieve e-mail

Open attachments

In the attachment view, select the required attachment and press the joystick to open it.

On-line

The attachment is retrieved from the server and opened by the corresponding application.

Off-line

You can decide whether to connect to retrieve the attachment.

Note

If using the

- IMAP 4 protocol, you may receive e-mail headers, messages or messages with attachments separately,
- POP 3 protocol, you may decide to receive headers only, or messages with attachments included.

Save attachments

You can save attachments separately from the e-mail in the corresponding application:

Options ► Save

View attachment options

Open, Retrieve, Save, Send (via Bluetooth, via infrared), Remove, Exit.

Drafts

Messages ► Drafts

This folder contains messages which have not yet been sent.

Sent

Messages ► Sent

This folder contains the last 15 messages which have been sent (to change no. of stored messages, see p. 42).

Outbox

Messages ► Outbox

Messages are temporarily stored in this folder until they are sent.

Status of the messages:

Sending

The message is being sent.

Waiting

This message is waiting, if there are two similar message types in the Outbox for sending.

Resend at ...

If transmission has failed, the procedure will be repeated after a time-out period.

Deferred

This message is on hold.

Failed

If the maximum number of unsuccessful transmission attempts has been reached, transmission has failed. You can try to send the message again by selecting **Options ► Send**.

Queued

Happens when user sends an email and is not online at this time.

Outbox options

Create message (SMS, MMS, E-mail), Deferred, Delete, Message details, Send, Move to Drafts, Exit.

Reports

Messages ► Reports

All messages required for status information are collected in this folder, e.g. a confirmation required by **Receive report** (p. 37). Each recipient has his own report.

Settings

Select required message type and press the joystick.

SMS

Messages ► Options ► Settings ► SMS

Message centres

Shows a list of all defined message centres (to add a new entry see p. 38).

Msg. centre in use

Select the message centre you will use for messaging.

Receive report

You are given confirmation of the successful or unsuccessful delivery of a sent message in the **Records**. This service may be subject to a charge.

Message validity

Select the period in which the service centre tries to deliver the message:

1 hour, 6 hours, 24 hours, 3 days, 1 week, Maximum time *

*) Maximum period that the service provider permits.

Message sent as

Make sure that your service provider supports the conversion formats (for information please contact your service provider).

Text

Normal SMS message.

Fax

Transmission via SMS.

Paging

You may need to obtain the required code number from your service provider.

E-mail

Transmission via SMS.

Preferred connection

You can choose between **GSM** or **GPRS** as default, if supported by the used network.

Reply via same ctr.

The reply to your message is handled via your service centre (for information please contact your service provider).

SMS options

Message centre, Edit, Delete, Exit.

Add recipient, Insert (Picture, Template), Delete, Message details, Sending options, Exit.

Most relevant functions:

Message centres ➤ **Options**
➤ **New msg. centre**

Press the joystick, write a name for the new service centre, then press **OK**.

Move joystick down and press it. Write the number of the new short message centre, then press **OK** (get the number from your provider).

To use the new service centre go to **Msg. centre in use** and select it.

MMS

Messages ➤ **Options** ➤ **Settings**
➤ **MMS**

Preferred connection

Select the access point to be used as the preferred connection. To define a new access point, see **Settings** p. 76.

Secondary conn.

Select the access point to be used as the secondary connection.

Note

Both connections (preferred and secondary) refer to the same Internet settings. Only the data connection is different, e.g. GSM data call as preferred and GPRS as secondary. For further information please contact your service provider.

MMS reception

Only in home net.

You will receive multimedia messages only when you are in your home network.

Always on

You will always receive multimedia messages.

Off

Select if you never want to receive multimedia messages.

Note

Sending and receiving multimedia messages outside your home network may incur higher connection costs.

With settings **Only in home net.** and **Always on** your phone can make connections in the background without your knowledge!

For minimize the risk you can modify the receiving functions, see below.

On receiving msg.

Retr. immediately

Multimedia messages will be retrieved instantly, even those with the **Deferred** status.

Defer retrieval

Multimedia messages will be saved in the service centre for later transfer (see **Retr. immediately**).

Reject message

All saved multimedia messages will be deleted by the service centre.

Allow anon. messages

Select **No**: Reject all messages from an anonymous sender.

Receive adverts

Receive all multimedia message advertisements.

Receive report

If this function is activated, the status of a sent message is shown in the **Records** as **Pending**, **Failed** or **Delivered**. Otherwise only **Delivered** is shown.

Deny report sending

Your phone will not send delivery reports of received multimedia messages.

Message validity

Select the period in which the service centre tries to deliver the multimedia message:

1 hour, 6 hours, 24 hours, 3 days, 1 week, Maximum time *

*) Maximum period that the service provider permits.

Image size

You can define the image size in a multimedia message:

Large (640 x 480 pixels, VGA)

Small (160 x 120 pixels)

Default speaker

Handsfree

Sounds are played over the built-in loudspeaker, p. 15.

Handset

Sounds are played over the earpiece.

E-mail

Messages ➤ **Options** ➤ **Settings**
➤ **E-mail**

To show the list of all mailboxes:

Mailboxes Press.

To define a new mailbox:

Options ➤ **New mailbox**

Mailbox name

Write a name for the new mailbox.

Access point in use

Choose an Internet access point from the list (to create an access point, see p. 76).

My mail address

Write the e-mail address given to you by your provider (✱ Press for @).

Outgoing mail server

Write the host name or the IP address of the server that sends your e-mail.

Send message

During next conn.

The e-mail will be sent the next time you connect to your remote mailbox.

Immediately

If you select **Send message** after writing your e-mail, a connection will be established to send the e-mail instantly.

Send copy to self

You will get a copy of every sent e-mail on your mail address as defined above.

Include signature

Write the signature after pressing **Yes**. In future a signature will be attached to each mail you send.

User name

Write the user name given to you by your provider.

Password

Key in your password. If you don't do so, you will be prompted for it every time you want to connect to your remote mailbox.

Incoming mail server

Write the host name or the IP address of the server that receives your e-mail.

Mailbox type

POP3 or **IMAP4**.

Note

The mailbox type cannot be changed after the e-mail settings are saved.

Security

On or **Off**. Secure the connection to your remote mailbox with protocols **POP3**, **IMAP4** and **SMTP**.

Retrieve attachment

You can retrieve an e-mail with or without an attachment (not shown if e-mail protocol **POP3** is set).

Retrieve headers

You can limit the number of headers you want to retrieve. Select **All** or define by yourself (max. 999).

WAP service message

Messages > **Options** > **Settings**
> **Service msg.**

Service messages

On or **Off**. Receive WAP service messages or not.

Authentic. needed

You will receive WAP service messages only from authorised sources (p. 79).

Cell broadcast

Messages > **Options**
> **Cell broadcast**



Some service providers offer information services (info channels). If reception is activated, your "Topic list" will supply you with messages on the activated topics.

In the main view the following is displayed:

- Unread, subscribed message.
- Unread, unsubscribed message.
- Topic number
- Topic name

Note

If GPRS connection is set to **When available**, cell broadcast messages cannot be received. To receive them, change settings to **When needed**.

Settings

Reception

- On/Off** You can activate and deactivate the CB service. If the CB service is activated, the standby time of the phone will be reduced.

Language

- All** You receive messages in all possible languages
- Selected** You can choose in which languages you want to receive messages.
- Other** Choose if the required language is not in the list.

Topic detection

- On/Off** Save/do not save topic numbers automatically to the topic list.

Cell broadcast options

Open, Subscribe/Unsubscribe, Hotmark/Unhotmark, Topic (Add manually, Delete all), Settings, Exit.

Other

Save sent messages

A copy of a sent short message, multimedia message or e-mail is stored in the **Sent** folder.

No. of saved msgs.

Key in a number defining how many messages will be stored in the **Sent** folder (max. 999). When the limit is reached, the oldest message is deleted.

SIM messages

Messages ➤ **Options** ➤ **SIM messages**

To view SIM messages on the phone, they must be copied from the SIM card into a folder.

Options ➤ **Mark/Unmark**
➤ **(Mark, Mark all, Unmark all)**

then

Options ➤ **Copy**

Select the required folder and press **OK**.

Afterwards you can view the messages in this folder p. 32.

Options ➤ **Delete**

Delete message(s) from the SIM card.

Service commands

You may send service commands (known as USSD commands), to your service provider.

To send a request in standby mode or when you have an active call:

Key in the command number (s) and press **Send**

or

to enter letters also select

Messages ➤ **Options**
➤ **Service commands**

Your service provider will supply you with further information about this.

General



Get the latest information from the Internet that is specifically adapted to the display options of your phone. In addition you can download games and applications to your phone. Internet access may require registration with the service provider.

Settings

Default settings

The settings have already been made by your service provider. Then you may begin immediately.

Setup via short message

You may request and receive settings in a short message from your provider (p. 35, p. 76). Save the short message (smart message) to prepare the phone for Internet access, after which an access bookmark will be created in **Internet** ➤ **Bookmarks**.

Manual setup

The access point can be set manually.

- Define a WAP access point (see p. 76 for further information):

Settings ➤ **Settings** ➤ **Access points**

- Add a bookmark for the website. Open **Internet**, then

Options ➤ **Add bookmark**

Write name and address of the website and select the access point.

If necessary, check with your service provider for details.

Bookmarks view

This list contains bookmarks which allow fast access to the relevant URLs (Uniform Resource Locator).

Bookmarks may be indicated by the following icons:



Home page. This is displayed first after connection is established. Depends on the access point used (p. 76).



Last visited page. The last page displayed before disconnection is kept in memory.




Title or Internet address of the bookmark.

Adding a bookmark manually

Options ► Add bookmark

Fill in the fields:

Name Describing name of URL.

Address Internet address. Press  for special characters.

Access point

Default access point is assigned if no other one is selected.

User name Enter your user name

Password Enter your password

Options ► Save as bookmark

Bookmark view options

Main view

Download, Back to page, Send (via SMS, via Bluetooth, via infrared), Find bookmark, Add bookmark, Disconnect, New folder, Mark/Unmark (Mark, Mark all, Unmark all), Clear cache, Details (Session, Security), Settings, Exit.

Within a bookmark

Open, Bookmarks, History, Go to URL address, Save as bookmark, Back to page, Save as bookmark (via SMS), Reload, Disconnect, Clear cache, Save page, Find (Phone number, E-mail address, URL address), Details (Session, Security), Settings, Exit.

Most relevant functions:

Back to page

To open the Bookmarks view while browsing, press and hold down the joystick. To return to the browser view again:

Back to page

Select.

Send

Send a selected bookmark as short message.

Clear cache

All the information you have accessed during browsing is stored in the cache memory. This includes passwords and other confidential data. So clear the cache after you have accessed confidential information.

WAP connection



Internet

Starting

If all required settings are entered, you can start browsing:

- Select the Homepage of your provider or a bookmark from the bookmarks view

or



- enter a WAP address using keys 2 to 9. The **Go to** field is immediately activated to take your entries.

Press the joystick to start downloading the selected/written WAP page.



Browser

Keys and commands

- To scroll the view, move the joystick up and down
- To open a link, press the joystick. New links appear underlined in blue, visited links in purple. Links as an image have a border.
- To enter letters and numbers use keys 0 to 9. For special characters use the  key.
- To show the previous page press **Back**.
- To show a list of the visited pages of the current session:
Options ➤ **History**
- To check boxes and make selections, press joystick.
- To open the contents of a cell in a table, press joystick.
- To retrieve the latest contents from the server:
Options ➤ **Reload**
- To open an additional command list for the current WAP page:
Options ➤ **Internet options**
-  press, to disconnect from a WAP service.

View new WAP service messages

To view new messages while browsing:

Options ► **New service msgs:**

Scroll to the required message and press the joystick to download and open it.

Save bookmarks

To save the current WAP page as a bookmark:

Options ► **Save as bookmark**

Save WAP pages

To view a WAP page off-line, you can save it to the phone memory.

Options ► **Save page**

To open the Saved pages list, move the joystick right in the Bookmarks view. To open a saved page, select the required page and press the joystick. If you want to retrieve the page on-line again, e.g. to refresh the content:

Options ► **Reload**

Note

You stay on-line after retrieving a page. You can arrange saved WAP pages into folders.

End

To end a WAP session and disconnect:

Options ► **Disconnect**

or



Press.

WAP browser settings



► **Internet** ► **Options** ► **Settings**

Default access point

Press the joystick to get a list of available access points. See also **Settings**, p. 76.

Show images

Show images during browsing or not. If **No** is selected, you can view images during browsing by **Options** ► **Show images**.

Text wrapping

If **On** is set long text will be continued in the next line, otherwise it will be truncated at the end.

Font size

Choose between **Large**, **Normal** and **Small**.

Cookies

Allow or **Reject** the sending and receiving of cookies.

Conf. DTMF sending

Choose between **Always** and **First time only**.

The WAP browser allows you to let a call include sending DTMF tones during browsing. Choose if you want to confirm before the phone sends DTMF tones during a voice call.

Save receipt

Digitally signed documents can be saved to the phone.

Connection security



If the security indicator is displayed during a WAP session, data transmission between phone and WAP gateway is secure and encrypted.

Note

This does not mean that communication between phone and content server (where the requested resource is stored) is secure. It's up to the service provider to secure the path between gateway and content server.

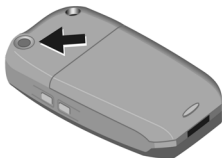
Snapshot



► Camera ► Snapshot



You can take photographs with the integrated digital camera in the phone.



The camera uses JPEG as standardised image format, which can be viewed with most available image viewers.

Press the Snapshot key on the side of the phone to start the Snapshot application. The display shows the current view.



Take a snapshot

Press the camera key or the joystick to take a picture of the current view. It will be saved automatically in the **Images** application, p. 51.

To prepare the next shot, wait until the last picture is stored. This takes a few seconds.



Press **Options** ► **Delete**

or



if the picture does not match your intentions.

Snapshot modes

The camera supports three modes. Move the joystick left/right to toggle between them.



Miniature



Standard



Full screen

Miniature

Small icon-sized picture, which can be added to an addressbook entry.

Shown resolution 80 x 96 pixels, storage format 80 x 96 pixels.

Standard

Normal landscape mode. Shown resolution 160 x 120 pixels, storage format 160 x 120 pixels.

Full screen

Advanced landscape without panes around the picture.

Shown resolution 160 x 208 pixels, storage format 480 x 640 pixels.

Snapshot options

The offered functions depend on the current situation.

After taking a picture (camera never enters standby in this mode):

New image, Delete, Send (via MMS, via e-mail, via Bluetooth, via infrared), Rename image, Image fun, Go to Images, Settings, Exit.

Before taking a picture:

Capture, Go to Images, Settings, Exit.

Before taking a picture, with camera in standby mode:

Continue, Go to Images, Settings, Exit.

Most relevant functions:

Options ➤ Go to Images

Opens the Images application, where you can view your photos.

Images are scaled to the phone's display resolution (max. 208 x 160 pixels in full screen mode).

For further information about viewing pictures, see p. 51.

Options ➤ Settings**➤ Image quality**

The camera supports three modes: **High, Normal, Basic.**

Options ➤ Settings**➤ Default image name**

You can set a standard name for taken pictures to which a serial number is added for each new snapshot. The default name is "**Image**".

Rename the images later in the **Images** application as you like.

Options ➤ Settings**➤ Memory in use**

Store taken pictures in the phone's memory or on an optional MultiMediaCard (p. 65).

Images



► Camera ► Images



You can view, organise and send pictures or animations stored in your phone.

This includes pictures

- made by the Camera application,
- received in your inbox via multi-media/picture message, as an e-mail attachment or via infrared or Bluetooth connection. In these cases you must save the picture after receiving it,
- Support for jpg, BMP, animated GIF's and other popular formats.

In the Images main view, you can see a list of pictures and folders with

- the date and time of shot or storage,
- a thumbnail picture as preview,
- the number of images inside a folder.

View the other images in the list by moving the joystick left/right when an image is open.

View images

You can store pictures in your phone memory or on an optional MultiMediaCard. To toggle between the two memory storage spaces, turn the joystick left or right.

Select the required image in the image list by moving the joystick up and down.

Open an image by pressing the joystick.

Receive images

Images can be received via multi-media/picture message, as an e-mail attachment or via infrared or Bluetooth connection.

When saved, they are stored in the phone memory and appear in the **Images** list.



Send images

Options ► Send

Send the selected image with one of the following messaging services:

via **MMS**, p. 29

via **e-mail**, p. 31

via **Bluetooth**, p. 84

via **infrared**, p. 87

Rotate

Options ► Rotate ► Left/Right

Rotates the image 90 degrees to the left or to the right.

To save last view:



Press **Back** and confirm with **Yes**.

Zoom

Options ► Zoom in/Zoom out

When an image is displayed you can zoom in up to 800 percent.



Press **Back**, to return to normal size.

The zoom factor is not stored permanently.

Full screen

Options ► Full screen

The whole display is used to show the image.

Press the joystick to return to normal view.

Focus

When an image is zoomed or shown in full screen mode, you can move the focus with the joystick to left/right and up/down.

Press the joystick to return to normal view.

Black & white

Options ► Black & white

Displays the opened image only in black and white to use it for picture messages (p. 53).

Edit with Image fun

Options ► Image fun

Opens the Image fun application with additional functionality for editing the image. For further information about **Image fun** see:

www.my-siemens.com/sx1

Delete images

Options ► Delete

Delete the selected image(s).

Wallpaper

Options ► Wallpaper

Set the current image as background image for the idle state.

Rename images

Options ► Rename

Give the selected image a new name.

View details

Options ► View details

Shows detailed information about the current image.

Images list options

Open, Send (via MMS, via e-mail, via Bluetooth, via infrared), Image uploader (Settings), Delete, Move to folder, New folder, Mark/Unmark, (Mark, Mark all, Unmark all), Rename, Receive via infrared, View details, Add to Favourites, Update thumbnails, Exit.










Most relevant function:

Receive via infrared

Only from a digital camera that supports the IrTran-P protocol, otherwise use the infrared application, p. 87.

Shortcuts

Use these shortcuts for work with images:

		Rotate left/right 90 degrees
		Scroll left and right
		Scroll up and down
		Zoom in and out
		Toggle between full screen and normal view.

Picture message folder

Pictures which are sent to you in a picture message are stored in the folder **Picture msgs..**

The stored black & white pictures are displayed in grid form. They are sorted in the order of time when received, then alphabetically.

Select the required image in the image list by moving the joystick up/down and left/right.

Open an image by pressing the joystick.

View the other images in the list by moving the joystick left/right when an image is open.

Note

You may use an optional MultiMediaCard as a supplementary storage area (p. 65).

Viewing the memory consumption, see p. 91.

To save a received image go to



► **Messages**

open the message, then

Options ► **Save**

See also Smart messages (p. 33).

Send picture messages

To send a picture message, select the required image and open it:



Press and enter the recipient's number, or use the addresses.



Press again.