

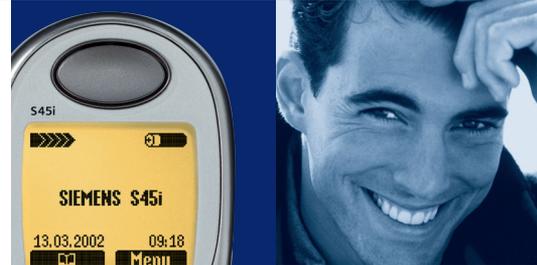
SIEMENS

Be inspired

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S45i

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See also Index
at the end of this User Guide



Switch off in hospitals or in the vicinity of medical devices, e.g. pacemakers or hearing aids. Mobile phones can interfere with the function of these devices.



Always use the handsfree kit for calls while driving (p. 96)!



Mobile phones must be switched off at all times in an aircraft. Prevent accidental activation (p. 67).



Switch off near petrol stations, fuel depots, chemical plants or blasting operations. Mobile phones can interfere with the operation of technical installations.



Do not examine the active infrared interface [Class 1 LED product (classified according to IEC 60825-1)] using optic magnification devices.



The ring tone is reproduced through the earpiece. To avoid damage to hearing, first accept the call, then hold the phone to the ear.



SIM card may be removed. Caution: small parts could be swallowed by children.



The mains voltage specified on the power supply unit must not be exceeded.



We recommend you use only original Siemens batteries (100% mercury-free) and charging devices. Otherwise considerable health risks and damage to the product cannot be excluded.



Neither the phone nor the battery (100% mercury-free) may be opened under any circumstances. Changes to this device are strictly prohibited, as they will invalidate the type approval criteria required for operation of the unit.

Please note:



Dispose of used batteries and phones according to the legal regulations.



Mobile phones can interfere with the operation of nearby TVs, radios, PCs.



We recommend you use only original Siemens accessories to avoid possible damage and to comply with the existing regulations.

Improper use invalidates the warranty!

Overview of the phone

Loudspeaker

Display indicators

Signal strength/
battery level.

Menu navigation key

see (p. 5)

Enter keys

Digits, letters.



Integrated antenna

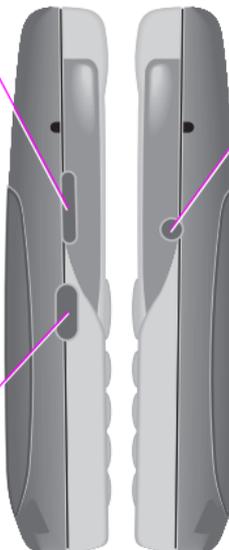


Do not interfere with the phone above the battery cover unnecessarily. The signal strength will be reduced (integrated antenna).

Microphone

+ - Keys

- During a call:
Volume loud - quiet.
- In menus and lists:
Scroll up and down.
- In standby mode:
 displays current profile.
 Hold **down**:
voice control.



Dictation key

Hold **down**:
Start the recording.
Press **briefly**:
Play back the recording.

Infrared interface

(IrDA e.g. for PC/PDA communication).

Device interface

Connection for charger, headset etc.

Soft keys

The current functions of these keys are displayed in the grey fields as text or icons. These keys display the "quick selection" in standby mode (factory default: ) or e.g.  (SIM service) and Menu.

Call key

Select displayed phone number or name, accept calls. Display last calls in standby mode.

 Hold down.

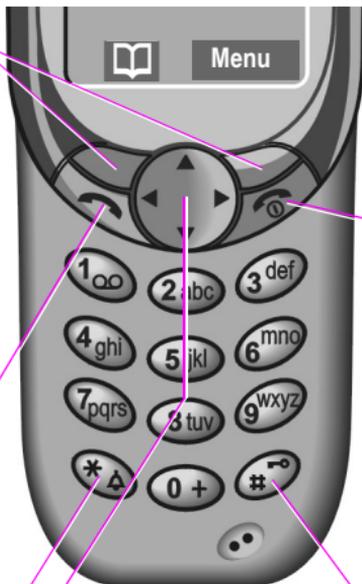
In standby mode

Switches signal tones on and off (except alarm).

For text entry

Language: Select T9 language.

abc/Abc/ABC/123: enter lowercase or UPPER-CASE, letters/digits.



Menu navigation key

In standby mode

 **Addressbook or Phonebook.**

 Voice control (long).

 Menu.

 GPRS Info-Menu.

In lists and menus

 Scroll.

 Select a function.

 Menu level back.

SMS and Calendar

 Move cursor.

 Scroll.

On/Off/End key

Press **briefly**:
End call/application or return to standby mode.
In menus: menu level back.

Hold **down**:
Switch on/off phone (in standby mode).

Key lock

To switch on and off:

 Hold down.

The User Guide

The following symbols are used:



Enter numbers or letters.



On/Off/End key.

Hold **down** key: Go back to standby mode. In standby mode, switch off device.



Call key.



Press menu navigation key on the side indicated.



Displays a soft key function.



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

Steps for menu access in the user guide, e.g.:

Menu → Audio → Volume

The procedure above corresponds to:



Press soft key.



Scroll to **Audio**.



Select **Audio**.



Scroll to **Volume**.



Select **Volume**.

Menu control

The menus provide access to functions, network services and individual settings.

Main menu

To reach the main menu from standby mode at any time, press:

Menu right soft key

or



right menu navigation key.

Menu control



Use the menu navigation key to scroll through the menus.



Select a submenu or a function.



Go back one menu level (or press  **briefly**).

Option menu

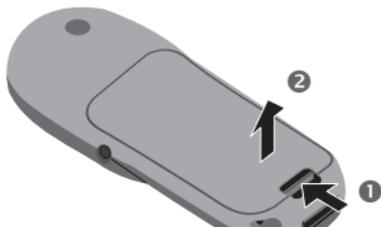
In other situations (e.g. when the Addressbook/Phonebook is open), a corresponding option menu appears:

Options Press.

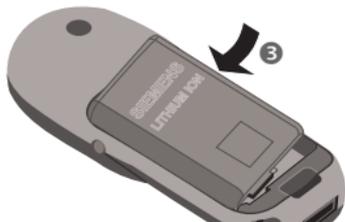
Insert SIM card/battery

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.

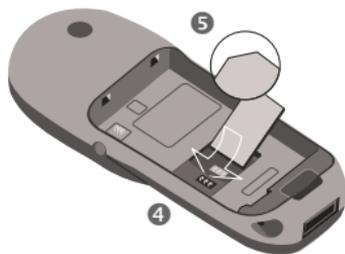
- Press latch **1**, then lift cover **2**.



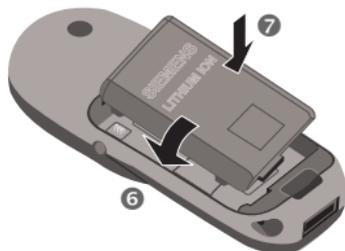
- Lift battery at the cutout on the side of the phone **3**, then tilt upwards and remove.



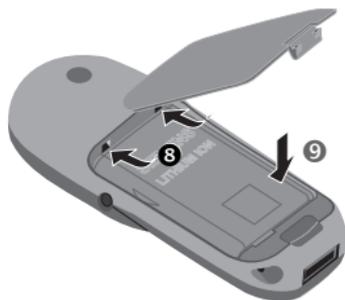
- Insert SIM card in the opening and push gently until it engages **4** (make sure the angled corner is in the correct position **5**, contacts pointing downwards).



- Insert battery into the phone sideways **6**, then press downwards **7**, until it engages.



- Insert cover as shown **8**. Then press downwards, until it engages **9**.



Only 1.8V and 3V SIM cards are supported. Older SIM cards (5V technology) cannot be used. Please contact your service provider if you have an older card.

Charge battery

The battery is not fully charged when delivered, so:

- Plug in charger cable at the bottom of the phone and plug in the power supply unit to the mains power socket (only use the charger supplied; charge for at least two hours).

If the battery is totally discharged, no charge icon is displayed at the beginning of the charging process.

If this is the case, leave the charger cable plugged in. The charge icon will appear after a maximum of 2 hours. The battery is then automatically charged.

- Push the sides of the charger cable plug together and pull to remove it.



Functions without SIM card

The phone is switched on **without** the SIM card:

Menu Press soft key.

All the functions that can be used without the SIM card are displayed. You will find a description of the functions in this user guide.

SOS Emergency number, SOS (page 9).

Charging

The following is shown at the top of the display:

 When charging is in progress.

 End of charging.

An empty battery is fully charged after about 2 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).

The voltage specified on the power supply unit must not be exceeded.

Standby time

A fully charged battery provides 60 to 300 hours of standby time or 100 to 360 minutes of talk time. The standby times/talk times are average values and depend on the operating conditions (see table below).

Charge level display:

Fully    Empty charged

A beep sounds when the battery is nearly empty.

Quality declaration for batteries page 95.

Operation carried out	Time (min)	Decrease of standby time
Calling	1	30 to 60 minutes
Display back light *	1	30 minutes
Network search	1	5 to 10 minutes

* key input, games, organiser etc.

Switch on, off



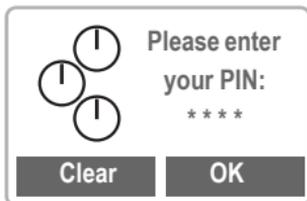
Hold **down** On/Off/End key to switch on or off.

Enter PIN

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

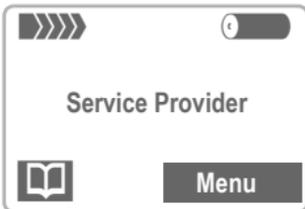


Enter your PIN code using the digit keys (shown as a series of asterisks; if you make a mistake, press **Clear**).



OK Confirm input with the right soft key.

Logging on to the network will take a few seconds.



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

Set the display contrast

You may be prompted to adjust (page 74) the display contrast when switching on your phone for the **first** time.

Emergency number (SOS)

By pressing the left soft key **SOS**, you can make an emergency call on any network without a SIM card and without entering a PIN. **This must only be used in real emergencies!**

PIN problems

If the PIN is entered incorrectly three times, the SIM card is barred (page 92).

Activate, deactivate PIN control or change PIN (page 76).

SIM problems

If "Please insert your SIM card" is displayed, check for faults (page 90).

Setting: Phonebook or Addressbook



You can choose whether you want to use the Phonebook on the SIM card or the internal Addressbook as standard.

You can copy the SIM card Phonebook to the Addressbook on the phone. Please do not interrupt this procedure. Do not accept incoming calls at this time. Follow the instructions on the display.

To copy the data on the SIM card later, use the **Copy all to** function in the Phonebook menu (page 21).

Network connection

Strength of incoming signal.



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

If you are outside your "home network" your phone automatically selects a different GSM network (page 78).

SIM services

Symbol for special applications on the SIM card (page 48), e.g. banking (depending on the service provider).

Aircraft check

If you have deactivated the PIN check (see page 76), you must confirm that you want to switch on the phone.

This is to prevent the phone from being switched on inadvertently, for example while you are in an aircraft.



long press.

Aircraft check

Please confirm switch on

OK

Cancel

OK

Select:

The telephone switches itself on.

Cancel

Select or no action:

The power-on operation is cancelled and the phone does not switch itself on.

Dialling with number keys

The phone must be switched on (standby mode).



Enter the number (always with prefix, if necessary with the international dialling code).

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

 Store phone number in the Addressbook (page 17)/ Phonebook (page 21).



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

International dialling codes

Many international dialling codes are stored in your phone:



Hold **down** until a "+" symbol appears. This replaces the first two digits of the international dialling code.

+List Press.

Select the required country. The international dialling code is displayed. Now add the national number (in many countries without the first digit if it is a zero) and press the Call key.

End call



Press the End key **briefly**. The call is ended.

Press this key even if the person on the other end of the line has hung up first.

Accept call



The phone must be switched on (standby mode).



Press **or** press.



Calls can also be accepted by pressing any key (page 75).

Reject call



Press **or**



press **briefly**.



Diverts the caller e.g. to the mailbox if **Busy** is set (page 51) and "call waiting" (page 13) has been activated.

When a number is busy

If the number called is busy or it cannot be reached because of network problems, the following options are available (depending on the service provider):

Either

Auto redial previous numbers

Auto dial Press. The number is automatically dialed for up to 15 minutes at increasing intervals. During this period, no other number can be dialed. To end:

 End key.

or

Call back

Call back Press. Your phone rings when the busy number is available. The number is dialed with the Call key. 

Reminder

Prompt Press. A beep reminds you to redial the phone number after 15 minutes.

Any other call ends the function.

Redial previous numbers

To redial the phone number **last** called:

 Press the Call key **twice**.

To redial other numbers that were dialed previously:

 Press the Call key once.

 Pick out the required phone number from the list, then press ...

 ... to dial.

Options Call lists (page 49).

 Store phone number in the Addressbook (page 17)/ Phonebook (page 21).

The numbers of calls that have been received, dialed or missed are stored for call back purposes (page 49).

An incoming call will interrupt any other use of the phone.

Functions during the call (page 13).

Switch off ringer for the current call (but not if "Any key answer", page 75, is active):

 Hold **down**.

The call is displayed. The caller hears the dialling tone.

During a call

Call waiting



You may need to register for this service with your service provider and set your phone accordingly (page 80).

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:

Swap

Swap Accept the waiting call and place the current call on hold.

To swap between the two calls, press **Swap** each time.

Reject

Reject Reject the waiting call. The caller will hear the busy tone

or

Divert if this is set, the caller will be diverted to the mailbox for example (page 51).

End current call



End the current call.

Reply Accept the new call.

Set volume



You can adjust the handset volume with the keys **on the left-hand side** of the phone.

If a car kit is used, its volume setting does not affect the usual setting on the phone.

Dictating machine

To play back a recording (the person on the other end of the line also hears it), press the key on the **right-hand side** of the phone **briefly**.

To record the call (page 53), hold **down** the key on the **right-hand side** of the phone.

The use of this feature may be subject to restrictions under criminal law or other legal provisions. Please inform the other party to the conversation in advance if you intend to record the conversation and please keep such recording confidential. You may only use this feature if the other party to the conversation agrees.

Phone number memo

You can enter a number with the keypad during a call. The person on the other end of the line can hear the number being entered. It can be stored or contacted after the current call has ended.

Call menu

The following functions are only available during a call:

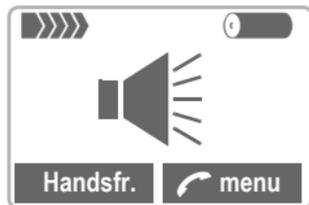
 **menu** Open menu.

Microphone on	Switch the microphone on or off. If switched off, the person on the other end of the line cannot hear you. DTMF signals, however, can be heard. Alternatively:  Hold down.
Hold	Hold the current call.
Handsfree	See right.
Volume	Adjust handset volume.
Conference	(page 15)
Duration/charges	While the connection continues, the call duration and (if set, page 50) the call charges are displayed.
Send DTMF tones	Send DTMF tones, see right.
Call transfer	(page 15)
Main menu	Direct access to the main menu.
Call status	List all held and active calls (e.g. participants in a conference).

Handsfree

Handsfr. Activate, deactivate.

You can put the phone aside during a call. You then hear the caller via the loudspeaker.



  You can adjust the handset volume with the keys **on the left-hand side** of the phone.

 To avoid damage to hearing, always deactivate the **Handsfree function** before holding the phone to your ear!

Send DTMF

Activate via the call menu, see left.

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 signals.

Control codes (DTMF tones) stored in the Addressbook (page 17)/ Phonebook (page 21), can also be entered.

Swap/Conference

Some functions may not be supported by your service provider.

You can call another number during a call.

You can swap back and forth between both calls or link all callers together in a conference.

During a call, inform the other party of your intention, then dial a new number. When the connection is established, you have the following options:

Swap

Swap Swap back and forth between the two calls.



End the current call.

The following query is displayed:

"Return to call on hold?"

Yes

Return to the held call

or

No

The held call is ended.

Conference



Open call menu and select **Conference**.

A held call is added (conference call with up to 5 subscribers).

To end:



All calls are ended simultaneously when the End key is pressed.

Call transfer



Open call menu and select **Call transfer**.

The original call is joined to the second one. For you, both calls are now ended. Note: Not yet supported by all service providers.

Babysitter

Calls are made to only **one** phone number that is dialled by holding **down** the right soft key.

Switch on

Menu → **Setup** → **Security** →
Babysitter

Select Press.



Enter phone code (see instructions below).

OK

Confirm input.

Edit

Press.



Select number from the Addressbook (page 17)/ Phonebook (page 21) or enter a new one (with name). The babysitter is now active.

Switch off



Hold **down**.



Enter phone code.

Edit

Press.

OK

Confirm input.

Phonecode

When first prompted, you define and enter the Phonecode (4 - 8 digits) (e.g. for Babysitter)

Please do not forget this code!

It applies to other functions as well but it may be changed at any time (page 76).

You can store up to 500 entries, each with 3 phone numbers and one fax number, and additional address information in the Addressbook.

These entries are managed separately from those in the Phonebook. However you can exchange data between the Addressbook and the Phonebook.

New entry

Menu → **Office** → **Addressbook**

or if the Addressbook has been selected (page 9) as standard:



Open the Addressbook (in standby mode).



<New entry> Select.



Enter the first or last name and a phone number (page 18).



Make further entries field by field.

Last name:	Fax:
First name:	Street:
Company:	Post code:
E-mail:	City:
Phone:	Country:
Phone/office:	URL: (Internet address)
Phone/mobile:	Group: (VIP, see below)

Save Store the entry.

Group: (VIP)

You should only assign important entries to the VIP group.

You may display VIP entries at the top of the Addressbook (page 19).

You can set your phone so that the ringer sounds only for calls from numbers in the VIP group (page 71).

A call from a VIP entry can be announced by a special melody (page 72).



Switch between the address book and the phonebook.



Copy data from a different Addressbook entry.

Phone number

Always enter phone number with prefix, if necessary with the international dialling code (page 11).

Text entry

Press digit key repeatedly until the required letter is displayed. The relevant characters are shown in the display. The cursor advances after a short delay.

 **Press** once for A, twice for B etc. The first letter in each name is automatically written in UPPERCASE.

Ä,ä/1-9 Umlauts and numbers are displayed after the relevant letter.

Clear Press briefly to delete the letter before the cursor, hold down to erase the whole name.

 Move the cursor.

 Switch between UPPERCASE, lowercase and digits.

 Switch T9 on and off.

 Write: . , ? ! 0 + - :

 Space.

Special characters

&, @, ... Special characters (page 31).

Read/change an entry

You can access all entries via the address list.



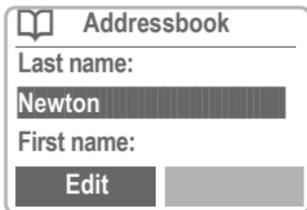
Open the Addressbook (in standby mode).



Select required entry.

View

Press to display the entry.



Edit

The entry is opened for changes.



Make the required changes.

OK

Save the setting.

Right soft key

When you jump from line to line while you are reading, the right soft key changes depending on the type of data:

Phone, fax number:

VoiceDial (page 24)

URL:

Link (page 41)

Activate the relevant application with the soft key.

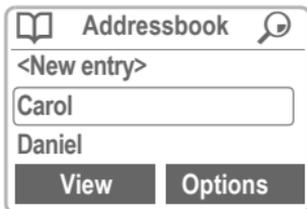
Making a call



Open the Addressbook (in standby mode).



Select a name by entering the first letter and/or scroll.



Press. The highlighted number is dialed.

If several numbers are stored in this entry, they are displayed in a list.



Select the required phone number.



Press.

Search for an entry

You can search efficiently through large Addressbooks. When the Addressbook is open, simply type the first couple of letters of the name required.

The first entry that begins with these letters is displayed.

The search letters appear in the upper right-hand corner of the display next to the magnifying glass icon.

Addressbook Menu

The following functions are available depending on the current situation:

Options Open menu.

View	(page 18)
Group sorting	Show the Addressbook as an alphabetical list or with the entries of the VIP displayed at the top (page 17).
Edit	Display the entry for changes.
New entry	(page 17)
Delete	Delete entry.
Delete all	Delete all entries after confirmation.
Copy to SIM	Highlighted entries are copied with name and the selected phone number to the SIM card.
Phonebook	Switch to the Phonebook (page 21) and insert them as standard.
Send/Print...	(see page 88)
Import	(see page 88)
Voicedialling	Start the recording for voicedialling.
Capacity	Display the capacity used and available.

Store control code

You can store phone numbers **and** control codes (DTMF signals) in the Addressbook as standard Addressbook entries, e.g. for operating an answering machine by remote control.



Dial number.



Hold down until a "+" appears on the display (pause for connection setup).



Enter DTMF signals (digits).



If necessary enter other pauses of 3 seconds to ensure correct processing at the destination.



Press to copy to the Addressbook and if required assign a name to it.



Press.

You can also store the DTMF signals (digits) like a phone number and send (page 14) them during a call.

Extending numbers

Using an external PC program such as Outlook[®], parts of a phone number can be replaced by "?" and then transferred to the Addressbook (for PABXs for example).

To call:



Open the Addressbook and select (part of) the phone number.



Press.



Replace "?" with digits.



Dial number.

Synchronising with Outlook[®]

You can synchronise your Addressbook with your Outlook[®] database using XTNDConnect[®] PC (page 86).

The entries in the Phonebook (SIM card) are managed separately from those in the Addressbook. You can, however, exchange data between the Phonebook and the Addressbook.

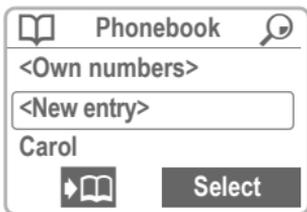
New entry

Menu → **Office** → **Phonebook**

or if the Phonebook is standard (page 9) ...



... open Phonebook (in standby mode):



<New entry> Select.



Activate input fields.



Make the following entries:

Number: (with prefix)

Name:

Group:

Location: (page 22)

Record no.: (page 22)

Save

Press to store.

If entries are copied from the Phonebook to the Addressbook, further data (page 18) can be added to them subsequently.



Switch between the address book and the phonebook.

Phonebook Menu



Select entry.

Options

Open menu.

View	Display the selected entry.
Edit entry	Change first names and/or name, phone number and storage location.
New entry	Enter first and/or name, phone number and storage location.
Delete	Delete the selected entry.
Delete all	Delete all entries after confirmation.
Voicedialling	Use voice dialling to make an entry (page 24).
Copy into	Copy selected entry to the Addressbook.
Copy all to	Copy all Phonebook entries to the Addressbook.
Address-book	Switch to the Addressbook (page 17) and set them as standard.
Send/Print...	(see page 88)
Import	(see page 88)
Capacity	Display the capacity used and available.

Location:

In the open Phonebook:



Select entry.



Open the menu and select **Edit** entry.



Go to the input field
Location:.

An entry can be moved from the Phonebook to the other storage locations.

SIM (standard)

Numbers that are stored in the Phonebook on the SIM card can also be used on another GSM Phone.

Mobile (phone memory)

Phonebook/Addressbook entries are stored here if the SIM card memory is full.

Protected SIM

With a special SIM card, dialling can be limited to phone numbers that are "permanently" set on this SIM card. PIN 2 is required for editing (page 76).

Record no.:

A record number is automatically assigned to every new entry in the Phonebook. You can also dial with this record number.

Making a call



Enter record number.



Press.



Press.

Edit

In the open Phonebook:



Select entry.



Open the menu and select **Edit** entry.



Go to the input field
"Record no.:".



Enter the new number and confirm with **Save**.

Store control code

You can store phone numbers **and** control codes (DTMF signals) in the Phonebook as standard Phonebook entries, e.g. for operating an answering machine by remote control.



Dial number.



Press until "+" appears on the display (pause for connection setup).



Enter DTMF signals (digits).



If necessary enter other pauses of 3 seconds to ensure correct processing at the destination.



Press to copy to the Phonebook and if required to assign a name to it.



Press.

You can also store the DTMF signals (digits) like a phone number and send (page 14) them during a call.

Service numbers

Numbers that have been provided by your service provider may be stored. With these numbers you can call local or nationwide information services or use services of the service provider.

Protected phone numbers

Please note that the use of your Phonebook may be restricted (usual for some business applications), e.g. incomplete phone numbers may be indicated by a "?". These can be completed before dialling.

Up to 20 phone numbers or functions can be selected or started by simply saying a name. Voice dialling entries are stored in the phone (not on the SIM card!).

Record

Voicedialling (for phone numbers)

Menu → Office → Voice control →
Voicedialling

A list with entries is displayed. In the list select ...

New record, then



enter name and phone number

or



retrieve from the Addressbook/Phonebook.

Save

Confirm.

Start

Start the recording.

A short signal sounds. Now say the name and **repeat** it when prompted. A beep confirms the recording and all entries are displayed.

Voice command (for functions)

Menu → Office →
Voice control →
Voice command

A list with 20 functions is displayed.



Select a function.

Record

Press.

Yes

Confirm selected function.

Start

Start the recording.

A short signal sounds. Now say the command corresponding to the function and **repeat** it when prompted.

Apply



Hold down. Start Voice control (in standby mode).

Now say the name or the function. The number is dialled or the function is carried out.

You can also start voice control by holding down the bottom button on the left-hand side.

Loud noises may affect the ability of the phone to recognise your voice.

Voice control-Menu

Menu → Office →
 Voice control →
 Voicedialling or
 Voice command



Highlight required entry.

Options Open menu.

Different functions are displayed depending on the voice control selected

View	Display selected entry.
Edit	Change name and phone number (voice dialling only). Then redo recording if necessary.
New record	Start a new recording.
Play	Play back the recording belonging to the entry.
New sample	Redo the (voice) recording of an entry.
Delete	Delete entry.
Delete all	Delete all entries after confirmation.

Message (SMS)

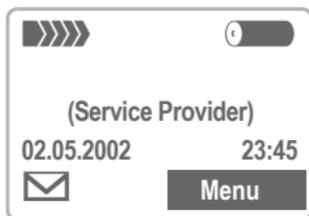
You may transmit and receive extra long messages on your phone (up to 760 characters plus pictures and tones) (page 29).

Depending on your service provider, e-mails and faxes can also be transmitted via SMS (change settings if necessary, page 33) and e-mails can also be received as SMS messages.

Read Messages

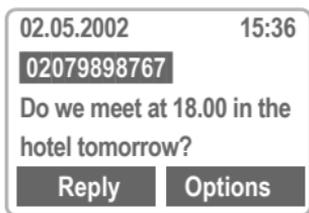


Display indicates a new message.



Press the key underneath the letter symbol to read the message.

Date/time
Number/
sender
Message



Scroll through the message (depending on length of the text).



Line by line using the menu navigation key.



Page by page using the side keys.

Reply

Reply menu see below.

Options

Inbox/outbox menu (page 27).



The archive function is displayed at the end of a message. This moves the message to the archive (page 27).

Reply menu

Write message	Create (page 28) a new reply text.
Edit	Edit message received or assign a new text to it.
Answer is YES	Add YES to the message.
Answer is NO	Add NO to the message.
Please call back Delay Thank you	Add an appropriate standard text to the message.

When the message has been edited in the editor, it can be stored or sent with **Options**.



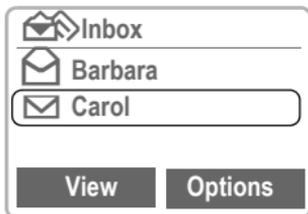
The memory is full when the message symbol flashes. **No more** SMS messages can be received or written. Delete or save (page 27) messages.

Numbers highlighted in the message can be dialled (Dial key), stored (page 17) (page 17) in the Addressbook/Phonebook or used as the address for a reply.

Inbox/Outbox

Menu → Messages →
Inbox or Outbox →
SMS

The list of saved messages is shown.



Options See right.

Symbol	Inbox	Outbox
	Read	Not sent
	Unread	Sent

Archive

Menu → Messages →
Inbox or Outbox →
Archive

The list of messages recorded on the device is shown.

Options See right.

Lists/Archive Menu

Depending on the situation, different functions are available

Options Open the list menu.

View	Read entry.
Reply	When an SMS arrives answer at once.
Send	Dial number or select from Addressbook/Phonebook, then send.
Edit	Open editor for changes.
Delete	Delete the message selected.
Delete all	Delete all entries after confirmation.
Capacity	Display number of saved messages and the capacity available.
Mark as unread	(Inbox list only) Marks the message as unread.
Status report 	(Outbox list only) Request delivery confirmation for messages sent.
Save no. to 	Copy the phone number selected to the Addressbook/Phonebook.
Move to archive	The archive function is displayed at the end of a message. This moves the message to the archive.
Print via IrDA	(see page 88)

Use SMS sample

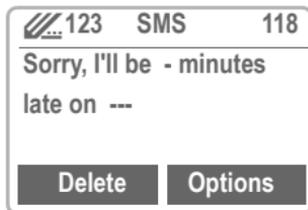
The following standard messages are stored in the phone. You only need to add time and date.

Menu → Messages →
Use SMS sample

Selection:

Delay, Appointment, Congratulations

The cursor appears at the first input point, e.g.:



Complete the message.



Jump to the next input point.

Options

Open the text menu.

Send

Select.

Dial number or select from the Addressbook/Phonebook and transmit.

Compose a message

Menu → Messages → New SMS



Text input using "T9" allows you to quickly create long SMS messages using just a few key entries (page 31).

To delete letter for letter, press **Delete**.



Hold down. Opens menu with selected edit options (see page 5).

Either



Press.



Dial number or pick out from the Addressbook/Phonebook.

OK

Confirm.

or

Options

Open the text menu.

Send

Select (page 88).

If Message type, Validity period or Service centre are requested see p. 33.

Text Menu

Options Open the text menu.

Send	Dial the number of the address or select from the Addressbook/Phonebook, then send.
Save	Save the composed message in the outbox list.
Picture & Sound	Insert a picture and sounds into an SMS (page 30).
Format	Format text. The options are as follows: Line feed Font size (Small, Medium font, Large font) Underline Alignment (Left, Center, Right) Mark text
Clear text	Delete the whole text.
Insert from...	Open the Addressbook/Phonebook, highlight the required entry and copy it into the text.
T9 input (page 31)	T9 preferred Activate or deactivate intelligent text entry. Input language Select the language in which the message is to be composed.
Print via IrDA	(see page 88)

Information on SMS

Transmission of an SMS is confirmed with **Message sent!**.

The **Message sent!** text only indicates that the message has been transmitted to the service centre. The latter now tries to deliver the message within a certain period.

If the phone was unable to send the message, a retry option is available. If this attempt also fails, contact your service provider.

Notes on EMS

You can send extra long SMS messages (EMS) consisting of up to nine SMS messages. Of these nine segments, up to five may contain text and the rest pictures and sounds.

The cost of an EMS message is the sum of the costs of the individual SMS messages.

Depending on the network, it is possible that not all the individual SMS messages of an extra long SMS will arrive at the recipient at the same time or in the right order. However, individual SMS messages can be read.

Picture & Sound (EMS)

Pictures and sounds can be inserted into a message. Playback only occurs if the destination phone supports this EMS function. In input mode a wildcard is shown instead of the picture/sound.

15 pictures and 10 tones are stored in the phone. Your own animations, pictures and tones can be stored in Explorer and then sent. In certain circumstances your own pictures or tones will be sent in an extra SMS.



Compose the message as usual.

Options

Open the text menu at the end of a word.

Picture & Sound

Select.

Selection: **Fix animations, Fix sounds, Own animations, Own pictures, Own sounds.**



Go to the menu item you want

Select

Opens a list with pictures or sounds.



Go to the object you want.

Select

The object is “inserted” in the text and indicated by a placeholder.

Pictures contained in **received** messages are shown in the text, **sounds** are shown as note symbols. When you scroll through a message and reach a note symbol you will hear the sound.

If you display a message before sending it the text placeholders for pictures and sounds will not be shown.

Text entry with "T9"

"T9" deduces the correct word from the individual key entries by making comparisons with an extensive dictionary.

Select Input language

Select the language in which you want to compose your message.

Options Open the text menu then select **T9 input** and **Input language**.

Create a word using T9

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 are located **once** only. For "hotel" for example type

T9 converts language specific special characters (such as ä, à) for you. Simply compose the message using the respective standard character, e.g. A instead of Ä.

If the word that T9 has chosen is not the one you want see "T9 word suggestions", page 32.

Hold **down**. Opens menu with edit options (see page 5).

- Press before the word for uppercase/lowercase or letters/digits.
- Blank. Ends a word.
- Full stop. Ends a word when a blank follows. Acts as a wildcard character for an apostrophe/hyphen in the word: e.g. **Provider.s** = Provider's.
- Go to the right. Ends a word.
- Deactivate T9 temporarily and activate it again.

Special characters

Press the key repeatedly until the letter is displayed. To write special characters after numbers (e.g. 5 £), switch to the letter mode first:

	Blank	1	€	£	\$	¥	¤		
	.	,	?	!	0	+	-	:	¿
	i	"	'	;	_				
	*	/	()	<	=	>	%	~
	#	@	\	&	§	Γ	Δ	Θ	Λ
	≡	Π	Σ	Φ	Ψ	Ω			

Activate, deactivate T9 (SMS)

Options Open text menu, select **T9 input**, then **T9 preferred**.

Select Activate and deactivate T9.

Back to the editor.

Display in the uppermost line:

T9 T9 active.

abc/Abc/123 UPPERCASE/lowercase, letters/digits.

T9 word suggestions

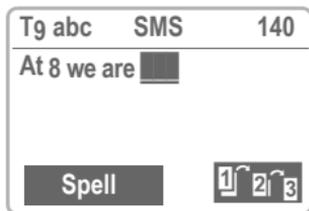
If several options are found in the dictionary for a key sequence (a word), the most frequent one is displayed first. If the word you want has not been recognised, the next suggestion from T9 may be correct.

The word must be **highlighted**. Then

 press. The displayed word is replaced with a different word. If this word is also incorrect,

 press again. Repeat until the correct word is displayed.

If the word you want is not in the dictionary it may be written without T9 or added to the dictionary.



Spell Select.

The last suggestion is deleted and the word may now be entered without T9 support. Press **Save** to add it automatically to the dictionary.

Correct a word

Words that have been created **using** T9:



Move word by word to the left/right until the required word is highlighted.



Scroll through the T9 word suggestions again.



Deletes the letter on the left of the cursor **and** displays a new possible word.

Within a "T9 word", individual letters may not be edited without cancelling T9 first. In most cases it is better to rewrite the complete word.

Words that have **not** been created using T9:



Move character by character to the left/right.



Deletes the letter to the left of the cursor.



Symbols are inserted at the cursor position.



Scroll line-by-line.

Replace languages or buy more:

www.myl-siemens.com/s45i

T9®Text Input is licensed under one or more of the following: U.S. Pat. Nos. 5,818,437, 5,953,541, 5,187,480, 5,945,928, and 6,011,554; Canadian Pat. No. 1,331,057; United Kingdom Pat. No. 2238414B; Hong Kong Standard Pat. No. HK0940329; Republic of Singapore Pat. No. 51383; Euro.Pat. No. 0 842 463 (96927260.8) DE/DK, FI, FR, IT, NL, PT, ES, SE, GB; and additional patents are pending worldwide.

Setup

The transmission characteristics of an SMS are defined in a profile (maximum 5).

The presetting depends on the SIM card used.

Menu → Messages →
Message setup → SMS

The list of available profiles is displayed. You can select a profile from this list. To activate:

Activate Press.

Setup menu

Options Open menu.

Activate Use the profile selected.

Change settings Change profile.

Change settings

Service centre

Enter or change the phone numbers of the service centres as supplied by the service provider.

Recipient

Enter the standard recipient for this transmission profile.

Message type

Manual The message type is requested for each message.

Standard text

Normal SMS message.

E-mail Transmission via SMS.

Fax Transmission via SMS.

New You can get the code number from your service provider.

Validity period

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

Manual The validity is checked for each message.

1 hour, 12 hours, 1 day, 1 week
Validity period.

Maximum Maximum period that the service provider permits.

New Free entry in days.

Status report



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

Direct reply

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

SMS via GPRS



When this function is activated, SMS messages are automatically sent via GPRS.

Check that your service provider offers this function.

Your phone has its own e-mail client so you can write and send e-mails.

With XTNDConnect[®] PC you can synchronise your e-mail inbox/outbox with your Outlook[®] or Lotus Notes[®] mailbox, see page 86.

Please first set the necessary profile and e-mail accounts so the connection can be set up to the e-mail server, see (p. 38).

You can store up to 50 e-mails on your phone. The more data that is stored, the slower the e-mail client becomes. Please therefore keep the number of stored e-mails to a minimum.

So as to prevent any e-mails from going missing, you can use the synchronisation with your Outlook[®] or Lotus Notes[®] mailbox.

You can also set it up so that in addition to being downloaded onto the phone e-mails are also stored on the server, see Mail settings on (p. 39).

New e-mail

Menu → Messages → New e-mail

Tg abc E-mail

To:
|

Cc:
 **Options**

- Enter recipient

  From the address book or manually:

To: E-mail address of the recipient.*

Cc: E-mail address of copy recipient.*

Bcc: E-mail address of blind copy recipient.*

- Write an e-mail

When writing an e-mail you will be supported with T9, see page 31.

Attach. See below.

Subject: Enter the subject of the e-mail (max. 50 characters).

Body: Enter the text.

- Add attachment

You can attach a file (such as a ring tone) to your e-mail from the Explorer (see page 84).

Attach. Open Explorer.



Select the file to be attached.

Mark Highlight the file.

OK Accept the file as an attachment.

- Send e-mail

Options Open menu.

Send Sets up a connection to the e-mail server and sends the e-mail.

*  Press three times for @.

E-mail editor menu

Options	Open menu.
Insert line	Add a line to the address field.
Delete line	Reduce the address field by one line.
Insert from...	Open the address book to transfer an e-mail address.
Attachment	See page 34.
Send	Set up the connection to the server and send the e-mail. Select a different account if applicable (see also page 38).
Send later	Place in outbox list for sending later.
Save	Store as draft in outbox list.
T9 input (see page 31)	On, off: Activate/deactivate intelligent text input. Input language: Select language in which the message is written.

Inbox/Outbox

Menu → Messages →
Inbox/Outbox →
E-mail

All e-mails that have been received or sent or which are waiting to be sent are displayed.

Options See (p. 36).

E-mail / E-mail with attachment	Inbox	Outbox
	Read	Not sent
	Unread	Sent
 (outbox)	Replied to	Stored as draft

You will receive a relevant advisory when receiving messages if your phone's memory is full. You will **not** be able to receive or write any more e-mails. Delete e-mails.

Receive e-mail

Menu → Messages → Inbox →
Receive e-mail

Before an e-mail can be read it must be retrieved from the server. The connection to the activated e-mail account is set up (page 38) and all e-mails are transferred to the inbox list.

Your phone can identify up to 100 mails that have already been collected from the server. Please make sure not to keep "old" mails on the server to avoid mails being fetched twice. You have the possibility of deleting mails from the server once they have been downloaded by phone, (see page 39).

The e-mail client always receives the entire messages incl. subject, content and, where applicable, attachments. It is possible to limit the size of received messages, see (p. 38).

Send e-mails

Menu → Messages → Outbox →
Send e-mails

Transfer to the server all e-mails that are waiting to be sent.

Receive/send menu

Different functions are possible depending on the situation.

Options Open menu.

View	Read e-mail.
Edit	Open e-mail for editing.
Delete	Delete selected e-mail. *
Delete all	Delete all e-mails. *
Sort	Sort By subject By sender By recipient By date/time By status Sort By sender and By recipient in the inbox/outbox list only.
Receive e-mail	Set up connection to server and receive e-mail that has arrived.
Send e-mails	Set up connection to server and send e-mail.

* The e-mail is deleted on your phone, not on the server.

Send/receive all e-mails

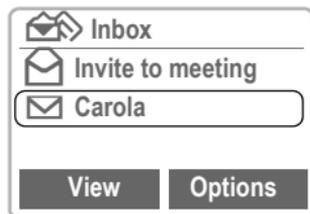
Menu → Messages →
Inbox/Outbox →
Send/receive

Set up connection to server and send e-mail and receive e-mail that has arrived.

Read e-mail

Menu → Messages → Inbox/
Outbox → E-mail

A list of stored e-mails is displayed.



Select desired e-mail.

View

The text of the e-mail is displayed.



Toggle between small and standard font.



Scroll line-by-line with the control key.



Scroll page-by-page with the page keys.

Options

See below.

The left display key offers different functions depending on the text area highlighted:

 E-mail address/phone number in the text are shown **inverted** and can be stored in the address book.

Save Save attachment (e.g. bitmap).

Reply Reply to the sender.

Link Launch the WAP browser and call the URL.

Read menu

Different functions are possible depending on the situation.

Options Open menu.

Reply	The original e-mail is called up. The sender is entered as the recipient and can be changed, as can the subject and CCs.
Reply to all	As above, but all the recipients are entered in the "Send to" field as recipients.
Forward	The original e-mail is called up. Enter the new recipient to whom this is to be forwarded.
Edit	Display e-mail for editing in the editor.
Delete	Delete the selected e-mail. *
Delete all	Delete all the e-mails in the inbox or outbox. *

Save attachmnts	The attachment must be saved before it can be used (see page 84). How it is saved depends on the file type, see table below.
Font size	Select font.

* The e-mail is deleted on your phone, not on the server.

Save attachmnts

The telephone supports the following file types:

File type	Extension	Folder where stored
Bitmap	*.bmp	Bitmaps
Animations	*.bmx	Animation
Ring tones	*.mid	Ringing tone
SMS	*.smi	SMS
Text	*.txt	Text (display in browser up to max. 1.5 kb)
Address book	*.vcf	Office (filed as entry)
Appointments	*.vcs	Office (filed as entry)
Dictation device	*.vmo	Voice memo
Others	*.*	Misc (display may not be possible)

Mail settings

Before you can use e-mail you need to set the access to the server and your e-mail parameters. The relevant data may already have been entered. If not, you can obtain this information from your provider. Details of provider data can be found in the file EMail_Parameters.pdf on the enclosed CDROM or on the internet, see also

www.my-siemens.com/s45i.

The following protocols must be supported by your provider so that data exchange can take place using the e-mail server: POP3 and SMTP or eSMTP.

E-mails are MIME-encoded during transmission.

Encryption of e-mail transmission (SSL, APOP) is currently not possible.

Menu → Messages →
Setup →
Mail settings

Accounts

Five account profiles can be defined. You need to set the account data before you can use a profile.



Select profile.

Activate Press to activate the profile.

The input form will be displayed if no account data has been defined for the profile. Alternatively:

Options

Change settings
Select.

Continued overleaf.



Enter data field by field:

Providers	Select the provider, change with Edit .
Real name:	Your name.
E-mail address:	Your e-mail address, e.g.: name@domain.abc
Reply-to addr.:	A different e-mail address to which you can have replies sent.
User ID: *	Your user ID.
Password: *	Your password.
POP3 server: *	E-mail receive server.
POP3 port: *	(Default: usually 110)
SMTP server: *	E-mail server via which e-mails are sent.
SMTP port: *	(Default: usually 25)
SMTP Authentic.: Yes, No	Perform SMTP authentication on connection setup.
SMTP Password:	Password for SMTP authentication.
Downl. only mails smaller than <nn> kByte	Set the size above which an e-mail will be left on the server.
Leave copy on server? Yes, No	E-mails are left on the server after being retrieved or are deleted.

* This information will be given to you by your provider.



Fill in entries with the address book.

Providers

Five provider profiles can be defined. You need to set the relevant GPRS or CSD data before you can use a profile.



Select profile.



Set GPRS and CSD data, see page 81.



see page 81.

General settings

By using the following setting you can, for example, additionally send each mail to your e-mail address.

Default BCC:

E-mail address for automatic blind copy recipient.

Receive graphic

A graphic can be sent to your phone via infrared or SMS or it can be downloaded via WAP.

A received graphic is indicated by a symbol above the left soft key. By pressing this key, the Bitmap viewer is started and the graphic is displayed.

Select storage location of the graphic:

- **Explorer** (page 84)
- **Logo** (Logo)
- **Screensaver** (page 74).

Select Confirm.

We recommend you always save operator bitmaps or screensavers in **Explorer** too as graphics stored under **Logo** or **Screensaver** are overwritten each time a new save process is carried out.

Load graphic

Menu → Surf & fun → Bitmap viewer

Bitmap viewer

Open.

Load Press.

Select Load graphic from **Explorer** or open **Logo/Screensaver** directly.

Save graphic

A loaded graphic is shown on the display.

Save Press.

Select Save graphic in **Explorer** or use as **Logo/Screensaver**.

Bitmap viewer Menu

Different functions are possible depending on the situation.

Options Open menu.

Save as...	Store the current graphic on one of the storage locations or in Explorer .
Send via ...	(see page 88)
Load...	Load graphic from the memory or from Explorer .
Delete...	Delete the graphic.
Discard	The current graphic is discarded.

Ringtones, operator bitmaps, screensavers and other services for your Siemens mobile phone can be found at:

www.my-siemens.com/city

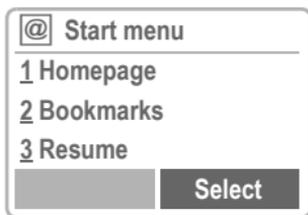
This city portal also includes a list of countries where this service is available.

Get the latest WAP information from the Internet that is specifically adapted to the display options of your phone. Internet access may require registration with the service provider.

Internet access

Menu → Surf & fun → Internet

You can select the Internet access profile (see **Start with...** page 42). The start menu appears, e.g.:



Select the required function



Confirm.

You can now surf the Internet ...



Hold **down** to end the connection.

 Offline
  Online
  no network

The current display is in the upper right corner.

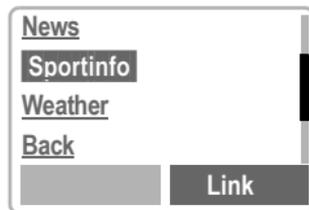

 Page up or down using the side keys.

Start menu

Homepage	The connection to the Internet provider's portal is established (may be set/preset by the service provider).
Bookmarks	Display up to 10 URLs (Uniform Resource Locator) for fast access (not supported by all providers). Editing bookmarks page 45.
Resume	Call up recently visited pages that are still in memory.
Profiles	Set up to 5 access profiles (page 43). Select New entry to enter a new profile

Example: Homepage

The soft keys may be assigned functions that are controlled online from the homepage of your service provider such as "links" or "menus".



The contents of the option menus are also variable.

Browser Menu



Press to start the browser menu.

Homepage	The first WAP Internet page that is displayed after connection is established (may have been set/preset by the service provider).
Bookmarks	Display up to 10 URLs for fast access (not supported by all providers). Use New entry to enter a new URL. Use Menu to complete, edit and delete entries.
Resume	Call up recently visited pages that are still in memory.
Go to URL	Enter an URL for directly accessing an Internet address (URL = Uniform Resource Locator).
Show URL	Show the URL of the current page.
Reload	The current page is restarted.
Disconnect	End connection.
More ...	See below.
Exit browser	End browser and connection.

More ...

Profiles	Set up to 5 access profiles (page 43).
Reset	Delete the pages last visited (cache).

Setup	<p>Font size</p>  Hold down: Switch between small and standard font size.
	<p>Protocol parameters</p> <p>Set specific parameters of the WAP protocol.</p> <p>Security</p> <p>For secure data transmission some information is encrypted. All browser data relevant for security can be selected in this menu.</p> <p>For further information on security see: www.my-siemens.com/s45i</p> <p>Start with...</p> <p>Select the display for Internet access:</p> <p>Start menu Browser Menu Homepage Resume Bookmarks</p>
Incoming	WAP Push messages or alerts are stored here (depending on provider).
About Openwave	Display the browser version.

Setup

Preparation of the phone for Internet access depends on the service provider currently used:

- If the settings have already been made by the service provider you may begin immediately.
- If access profiles have already been assigned by the service provider, select a profile and activate it (page 43).
- The access profile must be set and activated manually (page 43).

If necessary, check with your service provider for details.

Profiles

You can set or change up to 5 access profiles (may be barred by the service provider). The entries and functions may vary depending on your service provider. You can change a profile each time before you access the Internet (page 44).

Profile settings

To create a new profile proceed as follows:

Menu → **Surf & fun** → **Internet** → **Profiles**



Select the profile to be changed.



The entry card is displayed.



Make your entries field by field.

You may get further information on the entries from your service provider.

Profile name Name the profile or rename a default name.

GPRS and CSD data see page 81.

WAP

parameters

IP address:

Enter IP address.

Port:

Enter port number.

Homepage:

Enter homepage if not set by the service provider.

Linger time:

Enter time in seconds after which a connection should be terminated if no input or data transfer takes place.

Save

The settings are stored and the profile list is shown.

Special characters

(as in the SMS text editor)



Press 3 x for /



Press 3 x for @



Press for . (full stop)



Press repeatedly for :



Press repeatedly for ~

Activate profile



Select

Activate a profile to establish the Internet connection.

Menu → Surf & fun → Internet → Profiles



Select the required profile.

Select

Press to activate. The connection is established.

Your Internet browser is licensed by:



OPENWAVE™



Surf also with GPRS (page 81).

Operating instructions

Changing the homepage

The address of the homepage is set in the (access) profile. You can change it in standby mode (if permitted by the service provider!):

Menu → Surf & fun → Internet → Profiles

Select the profile, e.g.:

e-Commerce Select.

Edit The entry card is displayed.

WAP parameters/Homepage

Select.



Enter new address. Go to the end of the entry card.

Save

Press.

Enter the Internet address (URL)

Menu access is made as soon as WAP pages are displayed (online or offline).



Open the browser menu.

Go to URL

Select and confirm.



Enter URL and confirm. The connection is established.

Bookmarks



Depending on the provider, you can store a list of your favourites with their Internet addresses (URL) in the phone (offline and online):

Store



Open the browser menu.

Bookmarks

Select and confirm.

Add bookmark

Select to add the current page as a bookmark.

Or:

(Empty)

Select.

Menu

Open the menu.

Edit

Select, enter name/title and URL and confirm.

Save

Press.

Use



Open the browser menu.

Bookmarks

Select and confirm.



Select the desired bookmark.

Go

The call is set up.

Most service providers offer you an external answering service. In this mailbox, a caller may leave a voice message for you

- if your phone is switched off or not ready to retrieve,
- if you do not want to answer,
- if you are making a phone call (and if **Call waiting** is not active, page 13).

If the voice mail service is not part of your service provider's user package, you will need to register and the settings must be made manually. The procedure described below may vary slightly depending on the service provider.

Setup

Your service provider supplies you with two phone numbers:

Mailbox number

You call this phone number to listen to the voice mails left for you. To set it up:

Menu → Messages → Voice message

Select a number from the Address-book/Phonebook or dial/change it and confirm with **Save**.

Forwarding number

Calls are diverted to this phone number. To set it up:

Menu → Divert → e.g.
Unanswered → Set

Dial the number of the mailbox.

OK Registration at the network. Confirmation is made after a few seconds.

For further information on call divert, page 51.

Listen to

A new voice mail can be displayed as follows:

 Icon including beep.

or



a text message announces a new voice mail

or

you receive a call with an automatic announcement.

Call your mailbox and play the message(s) back.



Hold down (if necessary dial the mailbox number of the service centre).

Outside your home network, a different mailbox number may need to be dialled and a password may need to be entered to access your mailbox.

Cell broadcast



Some service providers offer information services (info channels) such as area codes, stock markets etc. The information available depends on the service provider. If reception is activated, you receive messages on the active topics in your "Topic list".

Menu → Messages → Cell broadcast

Broadcast

You can activate and deactivate the CB service. If the CB service is activated, the operating time of the phone will be reduced.

Read new CB

All unread CB messages are displayed.



Use the side keys to scroll.

The message covers the whole display.

Topic list

You can add an unrestricted number of topics to this personal list from the topic index ("Topic retrieval", page 48). You can preset at least 10 entries with their channel number (ID) and, if necessary, with their name. Five topics can be active at the same time.

New topic

New topic Select.

- If no topic index is available (see "Topic retrieval", page 48), enter a topic with its channel number and confirm with **OK**.
- If the topic index has already been transmitted, select a topic and confirm with **OK**.

Selection from a list

Options Open the list menu.

If a topic is selected in the list, you can have a look at it, activate it, deactivate it, edit it or delete it.

Auto display

CB messages are displayed in standby mode, longer messages are automatically scrolled.

The automatic display can be set for all messages or only new messages or deactivated entirely.

Switches to "full page view" automatically:



then press **View CB**.

Topic index



The list of the topics currently provided by your service provider is displayed for you to choose from.

If they are not displayed, the channel numbers (ID) may be entered manually ("Topic list", page 47). Please contact your service provider for details.

CB languages

You may define whether you want to receive Cell Broadcast messages only in a specific language or in all languages.

Displays



Topic activated.



Topic deactivated.



New messages received on the topic.



Messages on the topic already read.

Highlighted phone numbers can be:



dialled.

Options

stored in the Addressbook/
Phonebook.

Additional beep, page 71.

SIM services (optional)



Your service provider can offer special applications such as homebanking, stock market etc. via the SIM card.

If you are registered for one of these services, the service name will appear at the top of the Main Menu or directly above the left soft key.



Icon of SIM services.

If there is more than one application, these are displayed in the "SIM services" menu.

Menu → SIM serv

With the SIM services menu your phone will support additions to your service provider's user package in the future. For further information, contact your service provider.

Your phone stores the phone numbers of calls for convenient redialing.

Menu → Records



Select required call list and select the number there.



Select number

or



View information on the phone number: date, time (not for dialed numbers).

The following call lists are available:

Missed calls



The phone numbers of calls that you have received but not answered can be recorded for call-back purposes.

Requirement:

The networks used support the "Caller Identity" feature.

Calls received



All accepted calls are listed.

Requirement:

The network supports the "Caller Identity" feature.

Calls dialled

Access to the last ten phone numbers you dialled.



Fast access in standby mode.

Erase records

The contents of all call lists are deleted.

Records-Menu

The call list menu can be called up if an entry is highlighted.

Options Open the list menu.

View	Read entry.
Correct no.	Load number onto display and correct there if necessary.
Copy into 	Store entry in address book/ phone book.
Delete	Delete entry.
Delete all	Delete all entries in the call list after confirmation.

You can display the charge details and duration of calls as you speak, as well as setting a unit limit for outgoing calls.

Display

Menu → Records → Duration/charges

After you have made the charge detail settings, you can display the call duration/charge details for the following call types or you can display the credit balance.

Last call

All calls

Remain. units

or

when **Incoming calls** is activated:

Last call

All outgoing calls

All incom. calls

Remain. units

Select a call type.

Select Display the data.

When displayed, you may do the following:

Delete Clear display.

OK End display.

Charge settings

Menu → Records → Charge settings

Currency

Enter the currency in which the charge details are to be shown.

Personal rate

(PIN 2 needed)



Enter the charges per unit/period.

A/c limit

(PIN 2 needed)



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

Edit Enter the number of units and confirm with **OK**.

Then confirm the credit or reset the counter. The display of Prepaid cards may vary depending on service provider.

All calls

Toggle between the displays.



Incoming calls

If your network supports charge detail display, the current units are displayed.

If you have set charge details per unit, the costs incurred are displayed.

Special registration may be necessary for this service.



Auto display

Call duration/charges are automatically displayed for each call.

You can set the conditions for which calls are diverted to your mailbox or other numbers.

Menu → Divert

You can set divert as follows:

The most common condition for forwarding is:

Unanswered

Menu → Divert



Select **Unanswered**.

Select

Press.

Set

Select.



Enter the phone number to which a call will be diverted (if not done already)

or



select the phone number from the Addressbook/ Phonebook or from the **Mailbox**, confirm with:

OK

After a short pause, the setting is confirmed by the network.

Unanswered

This setting covers the most important conditions (see also below):

Not reachable, No reply, Busy

All calls

All calls are diverted.



Symbol in the top line of the display in standby mode.

Specific divert

Not reachable

Divert if the phone is switched off or out of range.

No reply

A call is only diverted after a delay (depends on the network). The period can be set by the user to a maximum of 30 seconds in 5 second intervals.

Busy

Divert if a call is in progress.

Exception: If **Call waiting** is activated (page 80), you will hear the call waiting tone (page 13) during a call.

Receiving fax

Fax calls are diverted to a number with a fax connection.

Receiving data

Data calls are diverted to a phone number with a PC connection.

Status check

You can check the current divert status for all conditions.

After a short pause, the current situation is transmitted by the network and displayed.



Condition set.



Not set.



Displayed, if status is unknown (on a new SIM card for example).

Clear all

All set diverts are cleared.

To check or delete a certain condition:

First select the condition.

Select Press.

Check state

or

Delete Select.

Note that the divert is stored in the network and not in the phone (when the SIM card is changed for example).

Reactivate divert

The last divert has been stored.

Proceed as with setting divert.

The stored phone number is displayed and is confirmed.

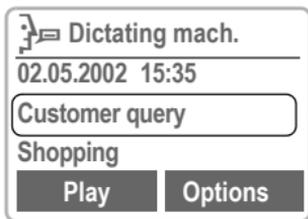
Edit phone number

Proceed as with **Divert**. When the stored number is displayed:

Delete Delete the phone number.

Enter new number and confirm.

With voice recording you can



- use your phone as a dictating machine when on the move.
- record a memo as a reminder or as a reminder for others.
- add a voice memo to an alarm in the Calendar (page 56).
- record a call - useful for remembering numbers or addresses.

The use of this feature may be subject to restrictions under criminal law or other legal provisions. Please inform the other party to the conversation in advance if you intend to record the conversation and please keep such recording confidential. You may only use this feature if the other party to the conversation agrees.

Using the side keys

We recommend using the keys on the side of the phone to control the voice functions.



New record

Press the dictation key for the duration of the recording. After a short beep, the recording starts.

Pause

For a **recording pause**, you can release the dictation key for a maximum of 10 seconds. If you press the key once more, recording is resumed, otherwise it will be stopped.

Save

If you release the dictation key for more than 10 seconds, the recording stops.

Save Save the recording with the current date and time as the name.

You can change the name before saving.

Playing

Press the dictation key **briefly**.

Using the soft keys

Menu → Office → Dictating mach.

The list of the recordings is opened.

Options Open menu.

New Select.

Record Start recording
(**Pause** recording pause).

Stop End recording.

Save Store and assign a name.

Play

Play Press.

Using the menu navigation key

Menu → Office → Dictating mach.

New



Press **briefly on the left** to end.



Press **briefly on the right** to pause/playback.

Play



Press **briefly on the right** to pause/playback.



Hold **down**: Fast forward, rewind.



End playback.

Dictating mach.-Menu

Options Open menu.

Playing	The recording is played.
Play loud	Activate playback in hands-free mode.
New record	Start a new recording.
Delete	Delete the entry selected.
Delete all	Delete all entries after confirmation.
Rename	Replace the time stamp with a name.

Calendar

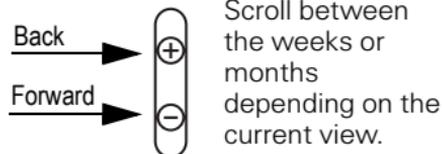
Menu → Office → Organiser →
Calendar

The Calendar offers a

- monthly view
- weekly view
- daily view.

The time and date must be set for the Calendar to work properly (page 63).

Side keys



Monthly view

Th	Apr 2001						W 15
							1
2	3	4	5	6	7	8	
9	10	11	12	13	14	15	
16	17	18	19	20	21	22	
23	24	25	26	27	28	29	
Week				Agenda			



Scroll through the weeks.



Scroll through the days.

Week

Display the weekly view.

Agenda

Display the daily view.

Weekly view

Th	Apr 2001					W 15
M	T	W	T	F	S	S
9	10	11	12	13	14	15
8	-----					
12	-----					
16	-----					
Month			Agenda			



Scroll by the hour.



Scroll through the days.

Agenda

Daily view.

Schedule. Time overlaps are highlighted.

Each day is divided into six blocks of four hours (morning + afternoon).

Agenda

Agenda Select.

Displays the appointments of the current day in chronological order in the agenda.

Tasks which are still open are listed at the top (page 57).

When an appointment with an alarm is reached, you will hear a beep.

Synchronise with Outlook®

With the XTNDConnect® PC software you can synchronise your organiser with your Outlook® Calendar (page 86).

Appointments

Menu → Office → Organiser → Appointments

Displays all appointments as a list.



New appointment

<New entry> Select.



Make the entries field by field:

Type:



Memo. A short text may be added (max. one line).



Call. Enter phone number. Shown with alarm.



Meeting



Birthday



Speech memo

Description:

Display in the agenda.

Reoccurrence:

Select periods for repeating the appointment.

Start date:/End date:

Start date, end date if necessary.

Start time:/End time:

Start time, end time if necessary.



Store the appointment; the alarm is automatically activated.

Appointments menu



Open menu.

View	Show the entry.
Deactivate/Activate	Activate/deactivate the alarm.
Edit	Open the entry for changes.
New entry	See left.
Delete	Delete the entry selected.
Delete all	Delete all entries after confirmation.
Send/Print...	(see page 88)
Import	(see page 88)
Week beg Sun	Set when the week is to start, Sunday or Monday.
Capacity	Display the capacity used and available.

A total of 50 entries can be created. An alarm sounds even when the phone is switched off. To deactivate it press any key. Deactivate all alarms (page 66). **Ringer setting** (page 71), **Clock** (page 63).



Display when alarm is active.



Delays the alarm by 5 minutes.

Tasks

Menu → Office → Organiser →
Tasks

A task is displayed like an appointment in the agenda of the day selected. However unlike the appointment it does not need to have a time and date. When this is the case the task appears at the top of the list **every** day, until it is marked as done.

Th	02.05.2002
<New entry>	
Car to the inspection 	
 15:00 Meeting	
View	Options

New task

<New entry> Select.



Select the task type (see **Appointments**, page 56).



Describe the task briefly.



If necessary, enter date and time.



Store the task.



Display when a task is done.

Task menu

Options Open menu.

View	Display the entry.
Done/Out-standing	Mark task as done or open.
Edit	Display the entry for changes.
New entry	Enter a new task.
Delete	Delete an entry from the appointments list.
Delete all	Delete all entries after confirmation.
Send/Print...	(see page 88)
Import	(see page 88)
Week beg Sun	Set when the week is to start, Sunday or Monday.
Capacity	Display the capacity used and available.

Alarm clock

Menu → Office → Organiser →
Alarm clock

Use this function to set **a single** time for the alarm call. The alarm sounds even when the phone is switched off or all ringers are switched off.

On/off Switching on and switching off the alarm.

Change Setting the alarm time (hh:mm).



Selecting the days.

Use **Change** to set the days on which you want to be woken.

Missed alarms

Menu → Office → Organiser →
Missed alarms

Appointments with alarm which you have missed are listed and can be displayed.

Missed alarms Menu

Options Open menu.

You can send an alarm missed, print it, delete it or delete all alarms missed.

Notes

Menu → Office → Organiser → Notes

T9 support (page 31) makes writing memos, e.g. shopping lists, easier for you. Protect confidential data with the phone code (page 76).

New entry

<New entry> Select.



Enter the text.

Options Open menu.

Save Store the entry.

Editor menu

Options Open menu.

Save	Store the entry.
T9 input (page 31)	T9 preferred: Activate intelligent text entry or deactivate it. Input language: Choose language in which the memo is to be composed.
Line feed	Enter a line break.
Clear text	Delete the memo.
Send	Transmit via SMS.

Read entry

Notes

<New entry>

Shopping list

Office

View
Options



Select an entry.



Open.

Notes menu

Options Open menu.

View	Display the entry.
Edit	Display the entry for changes.
New entry	Enter a new memo.
Delete	Delete an entry from the appointments list.
Delete all	Delete all entries after confirmation.
Confidential	Protect entry with phone code (page 76).
Send	Transmit via SMS.
Capacity	Display the capacity used and available.

You may create your own business card and transmit it as a message via SMS or you may transmit it to another GSM Phone (with IrDA capability) or a suitable PC/printer using infrared technology.

Menu → **Office** → **Businesscard**

If a business card has not been created, you are asked for input.



Go from field to field and make your entries.



The phone numbers can also be copied from the Addressbook/Phonebook.

Last name:	Fax:
First name:	Street:
Company:	Post code:
E-mail:	City:
Phone:	Country:
Phone/office:	URL:
Phone/mobile:	

Save Press.

The content of the business card corresponds to international standards (vCard).

When you are sending a business card as a text SMS, note that a maximum of 160 characters can be transmitted. If the card contains more than those 160 characters they will not be transmitted.

Businesscard Menu

Options Open menu.

Edit	Display the business card for changes.
Send/Print...	(see page 88)

Menu → Office → Calculator



Enter number
(up to 8 digits).



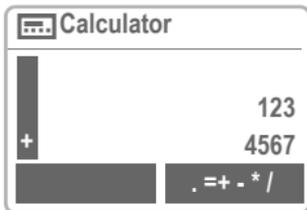
Select calculator
function.



Repeat procedure with
other numbers.



Result is displayed.



Special functions

Repeatedly press the right soft key

. = + - * / (indicated in the display).

- Set decimal point.
- = Result.
- + Addition.
- Subtraction.
- * Multiplication.
- / Division.
- ± Toggle between "+" and "-".
- % Convert to percentage.
- ↓ Save the number displayed.
- ↑ Retrieve the number saved.
- e Exponent (maximum of two digits).

Special keys:



Set decimal point.



Add (hold **down**).

Menu → Office → Currency conv.

You can calculate the exchange rates between three different currencies.

Enter currency

If no currency has yet been entered press **OK**.

Otherwise:

Options Open the menu.

New entry Select.

Then:

Euro currencies only:

List Press and select 1st euro currency:

EUR	ATS	BEF	DEM	ESP	FIM
FRF	IEP	ITL	LUF	NLG	PTE

OK Confirm.

List Press and select 2nd euro currency.

OK, OK Confirm.

Euro currencies and/or other currencies:

 Enter the symbols for the currencies.

OK Confirm.

 Enter exchange rates for the currencies.

Options Open the menu.

OK Confirm.

 Set decimal point.

Input Menu

Options Open menu.

OK	Confirm.
Decimal point	Enter decimal point.
Calculator MR	Retrieve a saved number.

Convert

Any combination of calculations may be made between the entered currencies.



Select one combination from the list of possible combinations.

Select

Confirm.



Enter amount (up to 8 digits).



The result is displayed.

Repeat

Repeat calculation with different data.

Currency conv. Menu

Options Open menu.

Start	Enter amount to be calculated.
New entry	Enter two new currencies.
Change	Display currency pair to be changed.
Delete	Delete the two currencies.

Menu → Office → Clock →
Time zones

Time zones

Set the time zone for your area.



Select the required time zone from the list ...

Set

... set it up.

Options

Open menu.

View	Display the time zone selected with name and date.
Set	Set the time zone.
Rename	Assign a new name to the time zone.
Auto time-zone	The time zone is switched to local time automatically by the network.
DST	Activate/deactivate daylight saving. A sun is displayed to show that daylight saving is activated.

Time/date

Menu → Setup → Time/date

You need to enter the correct time when you set up the phone.

Edit

Press.



First enter the date (day/month/year), then the time (24 hours incl. seconds).

Format date

Set the date format:
DD.MM.YYYY or MM/DD/YYYY

Auto display

Edit

The time display can be switched on and off.

Auto phone off

The phone switches off each day at the set time.

Select

Press.

Time

Press.



Enter time (24 h clock).

OK

Confirm.

Deactivate function:

Manual

Press.

OK

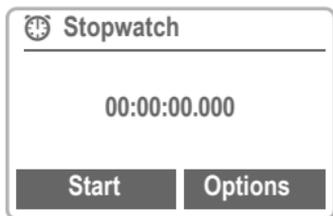
Confirm.

If the battery is removed for more than about 30 seconds, the clock must be reset.

Stopwatch

Menu → Surf & fun → Stopwatch

Display the time down to one thousandth of a second. Two intermediate times can be clocked and stored.



Reset Reset to zero.

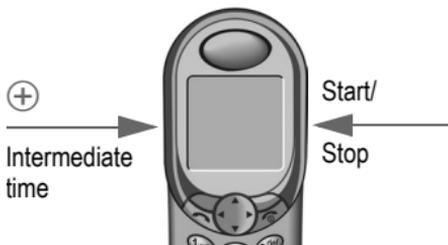


Start/stop.



Intermediate time.

Control using the side keys:



Stopwatch-Menu

Options Open menu.

Save	Record the time(s) taken and assign a symbol to them.
Rename	Rename the entry selected.
Delete	Select the entry to be deleted.
Stopwatch list	Display the stored entries. View: Display of the stored times and intermediate times.
Clear list	Delete the Stopwatch list.

Countdown

Menu → Surf & fun → Countdown

A set period elapses. The last three seconds are indicated by a beep. At the end, a special beep sounds.

Set Enter period.

Start Start counter.

Stop Interrupt counter.

Change Change period.

Reset Reset counter to start time.

Menu → Surf & fun → Games

Select a game from the list and have fun!

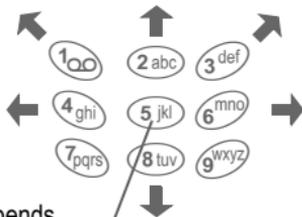
Game instructions

You will find special instructions for each game in the option menu.

Options Provides tips on how to play the game, shows the saved scores and allows you to set the difficulty level.

Start Start game.

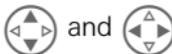
Key control



function depends
on the game

or

use the menu navigation
key:



If a profile is used, several settings are made with **one** function.

- Five profiles are standard with default settings, they can be changed however:
Normal envi., **Quiet environ.**, **Noisy environ.**, **Car Kit**, **Headset**
- You may set two personal profiles individually (<No Title>).
- The special profile **Aircraft mode** is fixed and cannot be changed (page 67).

If the phone is used by several people, they can each activate their own settings by selecting their personal profile.

Activate

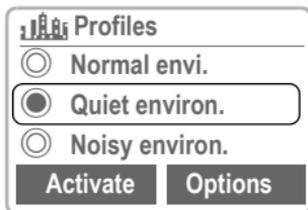
Menu → Profiles



Select default profile, personal profile.

Select

Activate the profile.



- Highlights the active profile.

Setup

Edit a default profile or create a new personal profile:



Select profile.

Select

Confirm.

Profiles-Menu

Options

Open menu.

Activate	Activate the current profile.
Change settings	The following functions can each be set individually for a profile: <ul style="list-style-type: none"> • Ringer setting page 71 • Volume page 71 • Melodies page 71 • Silent alert page 71 • Call screening page 71 • Info tones page 71 • Key tones page 71 • Big letters page 74 • Illumination page 74 <p>When you have finished setting a function you return to the profile menu where you can change a further setting.</p>
Copy from	Copy settings from another profile.

Car Kit

If an original Siemens Car Kit is used the profile is activated automatically as soon as the phone is inserted into the cradle (see also page 83).

Headset

If an original Siemens Headset is used the profile is activated automatically as soon as the headset is plugged in (see also page 83).

Aircraft mode

All alarms are deactivated. It is **not possible to modify** this profile.

- The phone will be switched off when you select a profile.
- In this status, alarms are **not** indicated by the ringer or trembler alarm.

Activate

Menu → Profiles



Select **Aircraft mode**.

Select

Activate profile and confirm selection.

The phone switches itself off automatically.

Normal operation

The next time you switch on the phone and return to normal operation the default profile will be activated.

Menu → Favourites

Combine your own menu with frequently used functions, phone numbers or WAP pages.

The list of the 10 entries available is preset. However you can change it as you wish.

For fast access:



Press then ...



.. press twice.

Apply

Select the required entry.

Select

Press.



If the selected entry is a phone number, you can also call with the Call key.

Change

You can replace each preset entry (1-10) with another entry from the list of your favourites.



Select the required entry.

Options

Press.

Change settings

Select.



Select the new entry in the selection list (see page 69).

Set

Press.

If you have selected a phone number or a WAP favourite as a new entry, the relevant application opens for the selection.

Reset all

After confirmation and after entering the phone code, the default entries are reset.

The left soft key and the keys 2 to 9 (speed dialling numbers) can each be assigned an important phone number or a function. The phone number can then be dialled or the function can be started at the touch of a button.

A function may already have been programmed on this soft key by your service provider (e.g. access to "SIM services"). This key assignment may be unmodifiable.

The soft key may sometimes be replaced with  /  to access a new message.

Key assignments available:

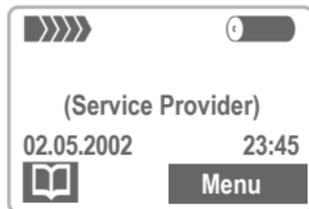
Phone number	page 70
Internet	page 41
Phonebook	page 21
Addressbook	page 17
Explorer	page 84
Alarm clock	page 60
Calendar	page 55
Appointments	page 56
Agenda	page 55
Notes	page 59
Calculator	page 61
Currency conv.	page 62
Countdown	page 64
Stopwatch	page 64
New SMS	page 28
New e-mail	page 34
Illumination	page 74
Hide ID	page 80
GPRS	page 81
IrDA	page 81
Games	page 65
Missed calls	page 49
Calls received	page 49
Inbox	page 27
Outbox	page 27
Input language	page 31

Favourites	page 68
Businesscard	page 60
Duration/charges	page 50

Left soft key

The **left** soft key can be used for fast access.

Change



Press (if not preset differently).

Change

Scroll to the application in the list.

- Assign the new application (e.g. **Games**) to the soft key.
- Special case **Phone number**. Pick out a name from the Phonebook/Addressbook (e.g. "Carol") to assign the soft key.

Select

Confirm setting.

Apply

The setting "Carol" is used here only as an example.

Carol

Hold **down**.

Speed dialling numbers

Digit keys 2 to 9 can be used as speed dialling numbers for fast access. For available key assignments see page 69.

The following key is reserved:

 = mailbox number (page 46)

Edit

In standby mode:



Press digit key (2-9). If the key is not assigned:

Set

Press.

or

Games

press **briefly** (if assigned with e.g. "Games").

Change

Scroll to the application in the list.

Special case **Phone number**. Scroll to a name in the Phonebook/Addressbook for assignment to the key.

Select

Confirm setting.

Special case **Internet**. Scroll to an URL in the bookmark list for assignment to the key.

Select

Confirm setting.

Apply

Select a stored phone number or start a stored application (e.g. Games).

In standby mode:

 Press.

The assignment of digit key 2 is displayed instead of the left soft key, e.g.:

Games hold **down**

or simply

 hold **down**

Quick menu selection

All menu functions are numbered internally. The relevant sequence of numbers is shown in the upper right corner of the display. The menu tree (including numbering) is shown at the end of this User Guide (see page 99).

Enter these numbers in sequence to select a function directly.

For example, to compose a new SMS:

Menu Press.

 For **Messages**

 For **New SMS**

The numbering may change if your service provider has integrated additional functions into the menu system.

You can set the tones that sound in specific situations to suit your particular tastes.

Menu → **Audio** →

then select a function:

Ringer setting

Activate, deactivate the ringer or reduce it to a short beep and confirm this as the basic setting.



Beep is activate.



Ringer is deactivated.

In standby mode: Activate and deactivate the ringer for the current session:



Hold down.

Once the phone has been switched off and on again and following use with the headset or car kit, the basic setting becomes active again.

Volume



Select the range:

All calls

☒ Calls

VIP calls

Alarm

Messages

Cell broadcast



Set volume.



Confirm.



Displays rising volume.

If two separate phone numbers are registered for your phone, you can set different volumes for them (page 77).

Silent alert

To avoid being disturbed by the ringer, you can activate the trembler instead. It can also be active in addition to the ringer (e.g. in noisy environments). The trembler is deactivated when the battery is being recharged.

Call screening



Only calls from numbers that are in the Phonebook/Addressbook are signalled audibly or by the trembler. Other calls are merely displayed. If you do not accept these calls, they are diverted to your mailbox (if set, page 51).



Displayed when activated.

Information tones

Activate/deactivate all service tones and alarm tones or use **Extended** to activate/deactivate tones.

Key tones

Set the acoustic key tone:
Click or **Tone** or **Silent**

Menu → Audio →
then select a function:

Minute beep

During a call you hear a beep after every minute as a reminder of the time elapsed.

Melodies

You can choose from 38 melodies and additionally use four melodies that you have composed/stored yourself 39 (corresponds to **Individual 1**) to 42 (corresponds to **Individual 4**).



First select the type:

All calls

☐ Calls

VIP Calls

Appointments

Messages

Cell broadcast



Then select the melody.



Confirm.

Melody manager

You can use this function to manage your melodies.

Menu → Surf & fun →
Melody manager

Receive melody

A melody can be sent to your phone via infrared, SMS or WAP.

When a melody has been received an icon appears above the left soft key.

Press this key to start the melody manager. This can be used to store the melody in **Explorer** or under **Individual 1** to **Individual 4** (see page 73).

In addition you should always store the melody in **Explorer**. A melody can only be activated if it is stored under **Individual 1** to **Individual 4** (see left). However, melodies stored under **Individual 1** to **Individual 4** are overwritten as soon as a new melody is stored there.

Ringtones, operator bitmaps, screensavers and other services for your Siemens mobile phone can be found at:

www.my-siemens.com/city

This city portal also includes a list of countries where this service is available.

Load

Load Press and open the melody in **Explorer** or select under **Individual 1** to **Individual 4**.

Play The melody is played.

Save

The melody to be saved must be currently loaded.

Options Open the menu.

Save as... Select and assign storage location.

Only melodies stored under **Individual 1** to **Individual 4** can be selected as the ringer.

Melody manager Menu

Options Open menu.

Play	Play the current melody.
Save as...	Store melody on Individual 1 - Individual 4 or on the Explorer (*.mid) .
Send via ...	(see page 88)
Load...	Load melody from Individual 1 - Individual 4 or from the Explorer .
Discard	The current melody is deleted from the melody manager.
Delete...	Delete the melody from the Individual 1 to Individual 4 .

Menu → **Audio** →
select a function:

Compose melody

You can also compose one-voice melodies yourself.



Keys 1 to 7 correspond to the notes C, D, E, F, G, A, H.



Go back and forward in the melody by one note.



Set note/pause half a tone higher/lower.



Increase length of note/pause length.



Reduce length of note/pause length.



Use the left side keys to set a note/pause one octave higher/lower.



Insert a pause.

Options

The menu offers further functions:

Insert note, Delete note, Playback, Delete melody, Load melody, Save melody, Playback speed

Device

Menu → Setup → Device →
Select a function:

Language

Set the language of the display text. When "automatic" is set the language of your service provider is used. If a language that you do not understand happens to be set, the phone can be reset to the language of your service provider with the following input:

*#0000# 

Display

Own greeting

You can create a greeting that is displayed when you switch on the phone.

Edit  Activate and deactivate.

 Delete old message and compose new message.

OK  Confirm changes.

Screensaver

The screensaver shows a graphic on the display after a user-definable period of time. An incoming call interrupts the function.

If **Security** is activated, the phone code must be entered each time the phone is used.

You have the following options:

- Activate, deactivate the function.
- Set style: graphic, analogue clock (select graphic page 40).
- Display bitmap viewer.
- Set period after which the screensaver starts.
- Activate/deactivate security setting using the phone code.

Ringtones, operator bitmaps, screensavers and other services for your Siemens mobile phone can be found at:

www.my-siemens.com/city

This city portal also includes a list of countries where this service is available.

Illumination

The display illumination can be switched on and off (switching it off increases the standby time).

Big letters

You can change the font size of the display.

Contrast

Sets the display contrast level.

Menu → Setup → Device →
Select a function:

Keys

Any to answer

You can answer incoming calls using any key (except .

Auto key lock

Provided **Auto key lock** is activated, the keypad locks itself automatically if you don't press any key for one minute. This prevents the phone from being used accidentally. However, you can still be called and you can still make an emergency call.

The keypad can also be directly locked and unlocked.



Hold **down**.

Key tones

You can set the type of the key tone:

Click or **Tone** or **Silent**

Status

Fact. settings

The phone is reset to the default values (does not apply to SIM card or network settings).

Phone identity

The device number (IMEI) is displayed. This information may be useful for customer service.

Fast search

Network reconnection is faster when this function is active (standby time is reduced).

T9 input

T9 preferred

Activate intelligent text entry or deactivate it.

T9 language

Select language in which the message is to be composed.

Security

The phone and SIM card are protected against misuse by several security codes and should be treated with the same care as a cheque guarantee card.

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

PIN	Protects your SIM card (personal identification number).
PIN 2	This is needed to set the charge detail display and to access additional functions on special SIM cards.
PUK	Key code. Used to unlock SIM cards after the wrong PIN has been entered.
Phone code	Protects your phone. Must be entered at the first security setting (4 - 8 digits).

Menu → **Setup** → **Network** →
then select a function:

Codes

PIN control

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.

Some service providers do not permit this function.

PIN

You can change the PIN to any 4 - 8 digit number (i.e. a number you may find easier to remember).



Enter **old** PIN.



Press.



Enter **new** PIN.



Repeat **new** PIN.

Change PIN2

You can change the PIN 2 to any 4 - 8 digit number (displayed only if PIN 2 is available).

Proceed as with **Change PIN**.

Chg.phonecode

You define and enter the phone code when you call up a phone code protected function for the first time. It is then valid for all functions.

You can change it to any 4 - 8 digit number.

Babysitter

(phone code protected)

Calls can only be made to **one** phone number that is dialled by holding **down** the **left** soft key (page 16).

Menu → Setup → Security →
select a function:

Only



(PIN 2 protected)

The dialling options are restricted to SIM protected phone numbers. If only area codes are entered, the relevant phone numbers can be added to these manually before dialling.

Last 10 only

(phone code protected)

Calls are limited to the call list of dialled numbers (page 49). This list can be filled with phone numbers specifically for this purpose:

Delete the call list and create "new entries" by dialling phone numbers and cancelling before the connection is established.

This SIM only

(phone code protected)

Your phone is prevented from operating with **a different** SIM card.

Network

Menu → Setup → Network →
select a function:

Line



This function is only displayed if it is supported by the service provider.

Two independent phone numbers must be registered on the phone.

Select

Select the phone number to be used.

If you change frequently, it is more convenient to make the selection using soft key (page 69).

1 >>>> > Display the active phone number.

Special settings can be made for each phone number (e.g. melody, call divert etc). Switch to the required phone number first. To switch the phone number/line (in stand-by mode).

 Press, then:

Line 1 Press.

Block line

(phone code protected)

You may limit usage to one phone number.

Menu → Setup → Network →
then select a function:

Configuration

Network info

The list of GSM networks currently available is shown.



Indicates forbidden service providers (depending on SIM card).

Choose network

Network search is restarted. This is useful if you are **not** in your home network or want to register in a **different** network. The network info list is rebuilt.

Auto network selection

Activate or deactivate, see also "Choose network" above.

If "Automatic network" is activated, the next network is dialled in the order of your "preferred service providers". Otherwise a different network can be selected manually from the list of available GSM networks.

Pref. network

The service providers you prefer after your home service provider are displayed in this list (e.g. if there are several service providers that differ in price).

If the signal strength of your preferred network is not strong enough when you switch the phone on, the phone may log on to a different network. This will not change until the phone is next switched on.

When this function is activated, the list that your home service provider proposes is displayed first. You can edit this as required:

List Display list of preferred networks.

- Create new entry:

<No Title> Select,

then scroll to an entry in the list of the service providers and confirm.

- Change/delete old entry:

Select existing entry and delete it or select an entry from the list of the service providers and confirm.

Band selection



Select either GSM 900 and GSM 1800.

Menu → Setup → Network →
then select a function:

Barrings



Barring restricts the use of your SIM card (not supported by all service providers). You need a 4 digit password that your service provider supplies you. You may need to be registered separately for each barring.

All outgoing

All outgoing calls except emergency number 112 are barred.

Outgo internet

Only national calls can be made.

Out.int.x home

International calls are not permitted. However you can make calls to your home country when abroad.

All incoming

The phone is barred for all incoming calls (forwarding all calls to the mailbox has a similar effect).

When roaming

You do not receive calls when you are outside your home network. This means that no charges are incurred for incoming calls.

Status check

The following information can be displayed after a status check:



Barring set.



Barring not set.



Status unknown
(e.g. new SIM card).

Clear all

All barrings are cleared.

User group



Menu → Setup → User group

If offered by the service provider, this service enables groups to be formed. These have access for example to internal (company) information or special tariffs apply to them. Check with your service provider for details.

User group

Activate or deactivate the function. "User group" must be deactivated for normal phone use (phone code, page 76).

Select group

You may select or add groups other than the preferred groups (see below). The service provider supplies you with code numbers for the groups.

Menu → Setup → User group

Outgo. access

In addition to network control for a user group, it is possible to set whether outgoing calls outside the group are permitted. If the function is deactivated, only calls within the group are permitted.

Preferred grp

If activated, only calls within this standard user group can be made (depending on the network configuration).

During calls

Menu → Setup → During a call →
select a function:

Call waiting



If you are registered for this service, you can check whether it is set and you can activate or deactivate it (page 13).

Hide ID



When you make a call, your number may be displayed on the recipient's display (depending on the service providers).

To suppress this display, you may activate the "Conceal ID" mode for the next call or for all subsequent calls. You may need to register separately with your service provider for these functions.

Connectivity

Menu → **Setup** → **Connectivity** →
select a function:

GPRS



(**G**eneral **P**acket **R**adio **S**ervice)

GPRS is a new method to transmit data in the mobile network faster. If you use GPRS, you can be connected to the Internet permanently if the network capacities suffice. Advantages of GPRS are e.g.:

- WAP information is transmitted faster.
- Send and receive e-mails without delays.
- You can chat without long delays.

This service is not yet supported by all service providers.

Edit Activate or deactivate GPRS function.

GPRS info

Display of information on the connectivity status.



Fast access in standby mode.

IrDA (infrared)

The infrared port integrated in the phone cannot be used unless the other device has a corresponding port. Align the infrared windows with each other (max. distance 30 cm).

Edit Activate/deactivate IrDA.

Indicator on the display:



If switched on.



During transmission.

Data services

Select desired operator from the list.

Edit Press, and select input area.

CSD settings

CSD settings	Dial-up no.:
(CSD = Circuit Switch Data)	Enter ISP number.
	Call type:
	Select ISDN or Analogue.
	Login name:
	Enter login name.
	Password:
	Enter password (shown as a series of asterisks).

GPRS settings

GPRS settings (General Packet Radio Service)	APN: Enter the address of your service provider.
	Login name: Enter login name.
	Password: Enter password (shown as a series of asterisks).
	DNS 1 (optional):
	DNS 2 (optional):

Options Open menu

Edit	Display entry for editing.
Rename	Rename the entry.
Insert from...	Copy from another profile.
Delete	Delete selected entry.
Delete all	Delete all entries.

Fax/data mode

See page 87.

Modem driver compatible with the V.25 command language.

Speed compatible with ITU-T standards V.22bis, V.32, V.34 and V.110 (transmitting at 2,400, 4,800, 9,600 and 14,400 bit/s).

Fax at 2,400, 4,800, 7,200 and 9,600 bit/s. Compatible with service class 2.

To support data or fax transmission using communication software on a PC you need to install a modem in its operating system (driver on CD).

The transmission speed for a cable connection between PC and phone is automatically set to the best possible value.

To ensure optimum data flow when the phone is connected to a computer by cable, please use only original Siemens Data-Cable (order number L36880-N4501-A148).

Authentication

Edit Activate encrypted WAP dial-up (CHAP Challenge Authentication Procedure) or deactivate it (PAP Personal Authentication Procedure).

Time/date

This function is identical to **Time/date** on page 63.

Accessories

Menu → Setup → Accessories
select a function:

Headset

If an original Siemens Headset is used the profile is activated automatically as soon as the headset is plugged in.

User-definable settings

Auto answer (factory default: off)

Calls are automatically accepted after a few seconds. You should therefore wear the headset.

Unwanted listening-in is possible!

Automatic settings

- Accept call with the Call key or PTT key (Push To Talk) when the key lock is activated.
- Activate voice dialling with the PTT key.
- Swap using the PTT key.
- End call using the PTT key (hold **down**).

Car Kit

If an original Siemens Car Kit is used the profile is activated automatically as soon as the phone is inserted into the cradle.

Modifiable settings

Auto answer (factory default: off)

Calls are automatically accepted after a few seconds. Depending on the setup the ignition may need to be switched on.



Indication on the display.

Unwanted listening-in is possible!

Switch between the phone and Car Kit Portable



Switch to headset during a call (if the phone is connected to Car Kit Portable).

Auto off (factory default: 2 hours)

The phone is powered by the car's power supply. The time between switching off the ignition and deactivation of the phone can be adjusted.

Automatic settings

- Permanent illumination: Switched on,
- Auto key lock: Switched off,
- Charge the phone battery,
- Automatically activate Car Kit, when the phone is inserted.

HomeStation

These functions are only available with the appropriate original Siemens accessories (page 96).

To organise your files, you can use Explorer like a PC file manager. Explorer assigns special folders to different data types:

Menu → Surf & fun → Explorer

A list of the folders and files is displayed.

Navigate through this list as usual using the menu navigation key:



Scroll up and down.



Go back from folder.

To open a highlighted file:

Open Open menu.

Bitmaps Open pictures using the bitmap viewer (page 40).	*.bmp
Animation Open animations using the bitmap viewer. (page 40).	*.bmx
Ringing tone Open melodies using the melody manager (page 72).	*.mid
SMS Display archived messages in the editor.	*.smo *.smi
Text Display in browser up to max. 1.5 kb	*.txt
Voice memo Use the dictating machine to play back voice memos (page 53).	*.vmo
Misc Other files.	** .

Explorer menu

Options Open menu

Depending on whether you have highlighted a **file** or a **folder**, you are offered **different** functions.

Open	Open folder.
Start	Start application according to the file format.
Mark/Unmark	Highlight files/remove highlighting.
Delete	Delete all highlighted files.
Delete all	Delete all files.
New folder	Create a new folder and give a name to it (the folder must be on the same level).
Rename	Rename a highlighted file.
Send via ...	(see page 88)
Sort	Set sort criteria (alphabetical, type, time).
Attributes	Display information on the file or folder selected.
Drive info	Display the capacity used and available.

Data Exchange Software

The Data Exchange Software generates an additional drive in Windows® Explorer.



Mobile

This allows you to manage the extensive storage options of Explorer in the phone from the PC.

Software installation

Insert the CD-ROM into the drive on your PC and select Data Exchange Software. The installation process is menu-driven.

Operating instructions

The Data Exchange Software includes comprehensive operating instructions and help information. First of all, select the drive icon. You can then access the help function by clicking with the mouse on “?” in the menu bar.

Connection

The phone and PC must be interconnected via data cable (see page 86).

File formats/folders

Please refer to the table on page 84 for information on standard folders and file formats. Please ensure that the imported files are copied to the **correct directories depending on their format**. The data would **otherwise** get ignored.

N.B.

Please note the following differences compared with Windows® Explorer:

- Files saved in Explorer cannot be launched from the PC.
- The Data Exchange Software has conversion routines which you can use to determine whether a file should be converted when it is moved/copied.
e.g.: An SMS to “Text” or a voice memo to “WAV”
(Windows® Explorer: Activate **Edit - Convert File**).
- Data deleted in Explorer is **permanently deleted** and will no longer be retrievable from the Windows® recycle bin.

XTNDConnect® PC

This PC program can be used to synchronise addresses, appointments, memos and e-mails between your phone and Windows® Outlook® 98 or later versions.

Software installation on a PC

Please install the Data Exchange Software **before** XTNDConnect® PC.

- Close all open programs.
- Insert the CD-ROM in your PC's drive.
- Launch the XTNDConnect® PC installation program.
- You will be guided through the installation process by dialogue boxes.

Operating instructions

The XTNDConnect® PC software offers detailed operating instructions and online help. You can call up help by clicking on "?" in the menu bar.

Connection

Phone and PC must be connected via infrared (supported by Windows® 98, Windows® ME and Windows® 2000) or cable.

In order to ensure optimum data flow when the telephone is connected to a computer by cable, please use only original Siemens accessories: Data Cable with the order number L36880-N4501-A148.

Explorer

The memory of your phone (approx. 400 KBytes) is used flexibly by various applications and adapts itself to your personal user profile.

Explorer is used by the:

- Addressbook
- Dictating mach.
- SMS Archive
- Melodies
- Pictures

Always delete data not needed any more.

Menu → Setup → Connectivity →
Fax/data mod.

With the phone connected to a PC, you can transmit and receive faxes (class 2) and data. Appropriate software for data communication/fax communication must be available on your PC and there must be a connection (e.g. IrDA, page 81) to the phone.

Fax and data services must be enabled by the service provider. Different networks support different types of fax/data reception, contact your service provider for details.

Fax/data mod.



Your service provider must give you a number for telephoning and a fax/data number.

Sending

Start your PC communication program and enter the required destination phone number in the program.

Receiving

The call is signalled by a special ringler and the type (fax or data) is displayed.

Now start the communication program in your PC to receive the fax/the data.

Speech/fax

Send

Menu → Setup → Connectivity →
Fax/data mod. →
Send vce/fax

Set this function on the phone **before** transmission so that you can switch from voice mode to fax mode.

While the connection is being set up, the following soft key is available for two seconds:

Voice/fx Switch to **Send vce/fax** mode; you may now send a fax.

Receive

(**Only** if a special fax or data number is not available).

Start the required communication program on your PC and switch on the function at the phone **during** the call (the PC accepts the connection).

Menu → Setup → Connectivity →
Fax/data mod. →
Voice/fax rec

End transmission

End transmission in the PC software and/or press

Send/Print...

Send via ...

The phone offers several options to transmit or receive messages and data via various transmission routes, or to print them out. The relevant option menus offer access to this function. These menu items may vary depending on the application.

SMS

Phonebook entries/Addressbook entries, appointments, pictures, melodies etc. can be sent as an SMS to another suitable mobile phone.

Larger objects are split into several SMS messages, if necessary.

IrDA

The infrared port integrated in the phone cannot be used unless the other device has a corresponding port (see also page 81).

This device can be a mobile phone, PDA, PC or printer.

Send The data is sent via the selected transmission path

Print The data is sent to the connected printer.

All via IrDA

All the entries from the Phonebook, Addressbook and Organiser can be sent or printed via the infrared port.

Send The data is sent via the selected transmission path.

Print The data is sent to the connected printer.

Set the import mode on the receiving phone (see below).

SMS as text

Business cards, address book entries and appointments can be sent as text in an SMS, provided the number of characters does not exceed 160.

Import

Use this option to switch to import mode to receive the contents of entire address books for example without further confirmation.

Displays

	Strength of incoming signal.
	Charging completed.
	Battery indicator.
	All calls are diverted.
	Ringer off (except alarm).
	Short ringer (beep) only.
	Ringer only if caller is stored in the Addressbook/Phonebook.
	Alarm is set.
	Key lock active.
	Transmission unencrypted.
	Phone numbers/names:
	SIM Card.
	Phone memory.
	Restricted SIM Card.
	No network access.
	Line 1 active (of 2 lines).
	Function active.
	Unknown network function.
	Auto Call answering on.
	Addressbook/Phonebook.
abc/ Abc	Indicates whether UPPER or lowercase letters are active.
T9	Text input with T9.
	WAP Offline.
	WAP Online.
GPRS	Network supports GPRS.
GPRS▶	GPRS connection active.

	GPRS attached.
	GPRS attached but no connection currently possible.
	Infrared standby.
	Infrared transmission.
	Headset mode.
	Additional handset mode.
	HomeStation active.
	Alarm clock active.

Calendar icons

	Memo.
	Meeting.
	Call.
	Birthday.
	Speech memo.

Soft keys

	Message received.
	Voice mail received.
	Unanswered call.
	Store in Addressbook/Phonebook.
	SIM services.
	Switch to handset.
	T9 word selection.
	Store in archive.

Should you have any questions when using the phone, we are available 24 hours a day at www.my-siemens.com/customer-care. We have also printed some of our frequently asked questions.

Problem	Possible causes	Possible solutions
Phone cannot be switched on.	On/Off key not pressed long enough.	 Press On/Off key for at least two seconds.
	Flat battery.	Charge battery. Check charging indicator in the display.
	Battery contacts dirty.	Clean contacts.
	See also below under: "charging error"	
Standby time too short.	Frequent use of the organiser and games.	Restrict use if necessary.
	Speed search active.	Deactivate speed search (p. 75).
	Display illumination on.	Switch off display illumination (p. 74).
	Unintentional keystrokes (illumination!).	Activate key lock (p. 75).
Charging fault (charge icon not displayed).	Data cable or MP3-Player plugged in.	Release connection as soon as external devices are no longer in use.
	Battery totally discharged.	1) Plug in charger cable. 2) Wait up to 2 hours until the charge icon is displayed. 3) Charge battery as usual.
	Temperature out of range: -0 °C to +40 °C.	Make sure the ambient temperature is right, wait a while, then recharge.
	Contact problem.	Check power supply and connection to the phone. Check battery contacts and device interface, clean them if necessary, then insert battery again.
	No mains voltage.	Plug in to a different socket or check voltage.
	Wrong charger.	Only use original Siemens accessories.
SIM error.	Battery faulty.	Replace battery.
	SIM card not correctly inserted.	Make sure that the SIM card is correctly inserted (p. 7).
	SIM card contacts dirty.	Clean the SIM card with a dry cloth.
	SIM card with wrong voltage.	Use 3 V SIM cards only.
	SIM card damaged (e.g. broken).	Inspect the damage. Return the SIM card to service provider.

Problem	Possible causes	Possible solutions
No connection to network.	Signal weak. Outside GSM range. SIM card not valid. New network not authorised.	Move higher, to a window or open space. Check service provider coverage map. Reclaim at the service provider. Try manual selection or select a different network (p. 78).
Phone loses network.	Network barring is set. Network overloaded.	Check barrings (p. 79). Try again later.
Communication difficult in car with handsfree function.	Ambient noise level too high.	Use Car Kit (Car Solutions, p. 96)
Calls not possible.	Dialling error. 2nd line set. New SIM card inserted. Charge limit reached. Credit used up.	New network not authorised (p. 78). Set 1st line  > (p. 78). Check for new restrictions. Reset limit with PIN 2 (p. 76). Load credit.
Certain uses of the phone not possible.	Call restrictions are set. The phone number has more than 20 digits.	Barrings may be set by your service provider. Check barrings (p. 77). Check phone number.
Entries cannot be made in Addressbook/Phonebook.	Addressbook/Phonebook is full.	Delete Addressbook/Phonebook entries (p. 21).
Voice mail does not work.	Call divert to the mailbox not set.	Set call divert to the mailbox (p. 51).
SMS (text message)  flashes.	SMS memory full.	Delete messages (SMS) to make room (p. 29).
Function cannot be set.	Not supported by service provider or registration required.	Contact your service provider.
Charge counter does not work.	Charge pulse not transmitted.	Contact your service provider.

Problem	Possible causes	Possible solutions
Message cannot be sent.	Some service providers do not support this service.	Check with your service provider.
	Phone number of the service centre is not set or is wrong.	Set service centre (p. 33).
	SIM card contract does not support this service.	Contact your service provider.
	Service centre overloaded.	Repeat message.
	SMS transmission via GPRS activated but network does not support this function.	Deactivate SMS transmission via GPRS (p. 33).
PIN error.	Three wrong entries.	Enter the MASTER PIN (PUK) provided with the SIM according to the instructions. If MASTER PIN or PIN has been lost, contact your service provider.
Phone code error.	Three wrong entries.	Contact Siemens Service (p. 93).
Service provider code error.	No authorisation for this service.	Contact your service provider.
Too few/too many menu entries.	Functions may have been added or removed by your service provider via the SIM card.	Check with your service provider.
No fax possible.	Incorrect settings in the PC.	Check settings (p. 87).
	No authorisation for this service.	Contact your service provider.
	Wrong infrared driver in the PC.	Install latest infrared driver.

Damage

Severe shock.	Remove battery and SIM and insert them again. Do not dismantle the phone.	
Phone exposed to moisture.	Remove battery and SIM card. Dry immediately with cloth; do not heat. Dry connector contacts thoroughly. Stand unit upright in an air current. Do not dismantle the phone.	

Reset all settings to the factory default: * # 9 9 9 9 # 

Simple, straightforward support for technical and operational queries is available from our online support service on the internet:

www.my-siemens.com/customer-care

or in the Troubleshooting (page 90) section of this User Guide.

If repair work is necessary, please contact one of our service centres:

Abu Dhabi.....	0 26 42 38 00	Libya	02 13 50 28 82
Argentina	0 80 08 88 98 78	Lithuania.....	8 22 74 20 10
Australia.....	18 00 62 24 14	Luxembourg.....	43 84 33 99
Austria	05 17 07 50 04	Macedonia.....	02 13 14 84
Bahrain.....	40 42 34	Malaysia.....	03 21 63 11 18
Bangladesh.....	0 17 52 74 47	Malta	00 35 32 14 94 06 32
Belgium.....	0 78 15 22 21	Mauritius	2 11 62 13
Bosnia Herzegovina.....	0 33 27 66 49	Morocco.....	22 66 92 32
Brazil.....	0 80 07 07 12 48	Netherlands.....	0 90 03 33 01 00
Brunei.....	02 43 08 01	Norway.....	22 70 84 00
Bulgaria.....	02 73 94 88	Oman	79 10 12
Cambodia.....	12 80 05 00	Pakistan.....	02 15 66 22 00
Canada.....	1 88 87 77 02 11	Philippines	0 27 57 11 18
China.....	0 21 50 31 81 49	Poland.....	08 01 30 00 30
Croatia	0 16 10 53 81	Portugal.....	8 00 85 32 04
Czech Republic.....	02 33 03 27 27	Qatar.....	04 32 20 10
Denmark	35 25 86 00	Romania.....	0 12 04 60 00
Dubai.....	0 43 96 64 33	Russia.....	09 57 37 29 52
Egypt.....	0 23 33 41 11	Saudi Arabia.....	0 22 26 00 43
Estonia	06 30 47 97	Sharjah.....	0 65 33 66 42
Finland.....	09 22 94 37 00	Singapore.....	62 27 11 18
France.....	01 56 38 42 00	Slovak Republic.....	02 59 68 22 66
Germany *	0 18 05 33 32 26	Slovenia.....	0 14 74 63 36
Greece.....	0 80 11 11 11 16	South Africa.....	08 60 10 11 57
Hong Kong.....	28 61 11 18	Spain.....	9 02 11 50 61
Hungary.....	06 14 71 24 44	Sweden.....	0 87 50 99 11
Iceland.....	5 11 30 00	Switzerland.....	08 48 21 20 00
India.....	01 13 73 85 89 - 98	Taiwan.....	02 25 18 65 04
Indonesia.....	0 21 46 82 60 81	Thailand.....	0 22 68 11 18
Ireland.....	18 50 77 72 77	Tunisia.....	0 71 86 19 02
Italy.....	02 66 76 44 00	Turkey.....	0 21 65 79 01 00
Ivory Coast.....	80 00 03 33	Ukraine.....	8 80 05 01 00 00
Jordan.....	0 64 39 86 42	United Arab Emirates.....	0 43 31 95 78
Kenya.....	72 37 17	United Kingdom.....	0 87 05 33 44 11
Kuwait.....	2 45 41 78	USA.....	1 88 87 77 02 11
Latvia.....	7 50 11 14	Vietnam.....	45 63 22 44
Lebanon.....	01 44 30 43	Zimbabwe.....	04 36 94 24

* 0.12 euro/minute

Declaration of conformity

Siemens Information and Communication Mobile hereby declares that the mobile phone described in this User Guide is in compliance with the essential requirements and other relevant provisions of European Directive 1999/5/EC (R&TTE).

If required, a copy of the signed original declaration of conformity (DoC) can be obtained by calling the company hotline.

CE 0168

Technical data

GSM class:	4 (2 Watt)
Frequency range:	880 - 960 MHz
GSM class:	1 (1 Watt)
Frequency range:	1,710 - 1,880 MHz
Weight:	93 g
Dimensions:	109x46x20 mm (69 ccm)
Operating voltage:	3.6 Volt
Operating temperature:	-10 °C - 55 °C
Standby time:	60 to 300 h.
Talk time:	100 to 360 min.
SIM card:	1.8 Volt and 3 Volt.
SAR:	0.95 W/kg

Maintenance tips

- The SIM card should be treated with the same care as a cheque guarantee card. Do not bend or scratch it or expose it to static electricity.
- Clean the card with a damp cloth or an anti-static wipe without chemical cleaning agents.
- Protect the phone from moisture and shocks. Do not expose your phone to direct sunlight.
- Remove the battery if you are not going to use the phone for extended periods of time (more than one month).

Phone ID

You will need the following details if you lose your phone or SIM card. Please enter here the number of the SIM card (on the card):

.....

15-digit serial number of the phone (under the battery):

.....

Customer Service number of the service provider:

.....

Lost phone

If you lose your phone or SIM card, contact your service provider immediately to prevent misuse.

Quality declaration for batteries

The capacity of your mobile phone battery reduces each time you charge/discharge it. Storing the battery at temperatures that are too high or too low also causes a gradual loss of capacity.

This can cause the operating times of your mobile phone to reduce significantly per usage cycle. The battery is, however, designed to be charged and discharged within a period of six months from when the mobile phone was purchased.

Following this six-month period, we recommend replacing your battery if you experience a significant drop in performance. Please purchase only Siemens original batteries.

Basics

Li-Ion Battery (840 mAh):

L36880-N4501-A100

Travel Charger:

L36880-N4001-A103 (Euro)

L36880-N4001-A104 (UK)

Desk Top Charger: L36880-N4501-A101

Enables simultaneous charging of the phone battery and a spare battery.

Headset PTT: L36880-N4001-A123

Optimum freedom of movement with excellent call quality. Including PTT (Push To Talk) key to accept calls and to activate voice dialling.

Retractable Headset PTT:

L36880-N4001-A160

Car Charger: L36880-N4001-A108

Mobile Holder: L36880-N4501-A102

Mobile Holder Antenna:

L36880-N4501-A103

Mobile holder for connecting an outdoor antenna. Ideal in combination with the Headset PTT or the Car Kit Portable.

Carry Set: L36880-N4501-A105

Features a belt clip and a clip for fastening the phone to clothes or bags.

Basic Car Pack: L36880-N4501-A107

Allows handsfree talking and simultaneously charges the mobile phone in the car.

Leather Holster: L36880-N4001-A154

Belt Case: L36880-N4801-A116

Neoprene Case: L36880-N4001-A155

Grip Case: L36880-N4501-A132

Loop Case: L36880-N4501-A133

Leather Case: L36880-N4501-A131

Shoulder Bag: L36880-N4001-A149

Car Solutions

Car Kit Portable: L36880-N3015-A117

Handsfree kit with integrated loud-speaker, microphone and auto talk feature. Simply plug into the cigarette lighter socket. Ideal for mobility between vehicles.

Car Kit Comfort: L36880-N4501-A104

Handsfree kit with first-class digital call quality and operating convenience.

Includes all the components required for installation. The individual antenna solution can be obtained from your specialist dealer.

Car Kit Professional Voice II

L36880-N4501-A108 (German)

L36880-N4501-A109 (English)

L36880-N4501-A110 (French)

Handsfree kit with voice recognition, capacity for more than 100 names. Electronics box with connection for fax and e-mail transmission via your notebook.

Includes all the components required for installation. The individual antenna solution can be obtained from your specialist dealer.

Car Kit GPServicePilot:

L36880-N4501-A116

(can be obtained in Germany and Austria)

Car Kit Upgrade: L36880-N4501-A106

Cradle for upgrading your handsfree kit for the C25/28/35, M35, S25/S35, SL45 models.

Optional Car Kit accessories

- Car Handset:
L36880-N3015-A123
- VDA Adapter Cable:
L36880-N4001-A121
- Car Data Adapter:
L36880-N4501-A134

Data/Applications

Soft Data Link 5.0: L36880-N4501-A115

Data Cable: L36880-N4501-A148

Innovations

MP3-Player USB: L36880-N4501-A114

Stereo headset for handsfree talking and superior sound quality when playing MP3 audio files.

The 32 MB MultiMediaCard records 30 minutes of music in premium quality. The package includes the software for downloading and the USB connecting cables.

HomeStation

L36880-N4501-A118 (Germany)

L36880-N4501-A120 (Italy)

L36880-N4501-A122 (Spain)

L36880-N4501-A124 (France)

L36880-N4501-A126 (Great Britain)

L36880-N4501-A128 (Denmark)

L36880-N4501-A130 (Norway/Finland)

Connects the mobile phone to the fixed network so to speak, enabling automatic transfer of incoming GSM calls to a phone on the fixed network.

Incoming GSM calls are diverted to the phone on the fixed network without additional charges and can be handled from there.

Products can be obtained in specialist shops. Visit our online shop under:

	Original Siemens accessories www.siemens.com/mobilestore
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The Siemens City portal offers a number of ringtones, bitmaps and screensavers for adapting your S45 to suit your particular requirements.

The City portal is on the internet at:

www.my-siemens.com/city

The portal also includes a list of countries where this service is available.

The following pages in the User Guide describe the relevant download process:

Bitmaps, screensavers .. p. 40, p. 74
Ringtones p. 72

SIM services

1 Messages

- 1-1 New SMS
- 1-2 Create new e-mail
- 1-3 Inbox
 - 1-3-1 SMS
 - 1-3-2 Archive
 - 1-3-3 E-mail
 - 1-3-4 Connect mailbox
 - 1-3-5 Read new CB
- 1-4 Outbox
 - 1-4-1 SMS
 - 1-4-2 Archive
 - 1-4-3 E-mail
 - 1-4-4 Connect mailbox
- 1-5 Voice message
- 1-6 Cell broadcast
 - 1-6-1 Broadcast
 - 1-6-2 Read new CB
 - 1-6-3 Topic list
 - 1-6-4 Auto display
 - 1-6-5 Topic index
 - 1-6-6 CB languages
- 1-7 Message setup
 - 1-7-1 SMS
 - Service centre
 - Recipient
 - Message type
 - Validity period
 - Status report
 - Direct reply
 - SMS via GPRS
 - Providers
 - Accounts
 - Default BCC:
 - 1-7-2 E-mail

2 Records

- 2-1 Missed calls
- 2-2 Calls received
- 2-3 Calls dialled
- 2-4 Duration/charges
 - 2-4-1 Last call
 - 2-4-2 All outgoing calls
 - 2-4-3 All incom. calls
 - 2-4-4 Remain. units
- 2-5 Charge settings
 - 2-5-1 Currency
 - 2-5-2 Personal rate
 - 2-5-3 Account limit
 - 2-5-4 All calls
 - 2-5-5 Incoming calls
 - 2-5-6 Auto display
- 2-6 Erase records

3 Office

- 3-1 Addressbook
- 3-2 Phonebook
- 3-3 Organiser
 - <Own numbers>
 - 3-3-1 Calendar
 - 3-3-2 Appointments
 - 3-3-3 Alarm clock
 - 3-3-4 Tasks
 - 3-3-5 Notes
 - 3-3-6 Missed alarms
- 3-4 Clock
 - 3-4-1 Time zones
 - 3-4-2 Time/date
 - 3-4-3 Format date
 - 3-4-4 Auto display
 - 3-4-5 Auto off
- 3-5 Businesscard
- 3-6 Dictating mach.
- 3-7 Calculator
- 3-8 Currency conv.
- 3-9 Voice control

4 Surf & fun

- 4-1 Internet
- 4-2 Games
- 4-3 Stopwatch
- 4-4 Countdown
- 4-5 Explorer
- 4-6 Bitmap viewer
- 4-7 Melody manager

5 Profiles

- 5-1 Normal envi.
- 5-2 Quiet environ.
- 5-3 Noisy environ.
- 5-4 Car Kit
- 5-5 Headset
- 5-6 <Empty>
- 5-7 <Empty>
- 5-8 Aircraft mode

6 Audio

- 6-1 Ringer setting
- 6-2 Volume
 - 6-2-1 All calls
 - 6-2-2  Calls
 - 6-2-3 VIP calls
 - 6-2-4 Alarm
 - 6-2-5 Messages
 - 6-2-6 Cell broadcast
- 6-3 Melodies
 - 6-3-1 - 6-3-6 as 6-2
 - 6-3-7 Melody manager
- 6-4 Comp. melody
- 6-5 Call screening
- 6-6 Silent alert
- 6-7 Key tones
- 6-8 Minute beep
- 6-9 Info tones

7 Divert

- 7-1 Unanswered
- 7-2 All calls
- 7-3 Spec. divert
 - 7-3-1 Not reachable
 - 7-3-2 No reply
 - 7-3-3 Busy
- 7-4 Receiving fax
- 7-5 Receiving data
- 7-6 Status check
- 7-7 Clear all

8 Setup

- 8-1 Device
 - 8-1-1 Language
 - 8-1-2 Display
 - 8-1-2-1 Own greeting
 - 8-1-2-2 Screensaver
 - 8-1-2-3 Bitmap viewer
 - 8-1-2-4 Illumination
 - 8-1-2-5 Big letters
 - 8-1-2-6 Contrast
 - 8-1-3 Keys
 - 8-1-3-1 Any to answer
 - 8-1-3-2 Auto key lock
 - 8-1-3-3 Key tones
 - 8-1-4 Status
 - 8-1-4-1 Fact. settings
 - 8-1-4-2 Phone identity
 - 8-1-4-3 Fast search
 - 8-1-5 T9 input
 - 8-1-5-1 T9 preferred
 - 8-1-5-2 Input language
- 8-2 Security
 - 8-2-1 Codes
 - 8-2-1-1 PIN control
 - 8-2-1-2 Change PIN
 - 8-2-1-3 Change PIN2
 - 8-2-1-4 Chg.phone-code
 - 8-2-2 Babysitter
 - 8-2-3 Only 
 - 8-2-4 Last 10 only
 - 8-2-5 This SIM only
- 8-3 Network
 - 8-3-1 Line (optional)
 - 8-3-1-1 Select
 - 8-3-1-2 Block line
 - 8-3-2 Configuration
 - 8-3-2-1 Network info
 - 8-3-2-2 Choose netwrk
 - 8-3-2-3 Auto network
 - 8-3-2-4 Pref. network
 - 8-3-2-5 Band selection (optional)
 - 8-3-3-1 All outgoing
 - 8-3-3-2 Outgo internat
 - 8-3-3-3 Out.int.x home
 - 8-3-3-4 All incoming
 - 8-3-3-5 When roaming
 - 8-3-3-6 Status check
 - 8-3-3-7 Clear all
 - 8-3-3 Barrings

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		8-4-3 Outgo. access	
		8-4-4 Preferred grp	
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		8-5-2 Hide ID	
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		8-7-5 Auto off	
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			8-8-1-2 Auto off
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		8-8-3 HomeStation	8-8-3-1 FN access
			8-8-3-2 CLIP

9 Favourites**10 Help**

Please note:

The numbering may change if your service provider has integrated additional functions into the menu system.

This S45i mobile phone complies with the limits specified by the European Union (EU) for exposure to radio waves.

These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The limits recommended by the Council of the European Union are based on a unit of measurement known as the Specific Absorption Rate, or SAR. The limit for this phone is 2.0 W/kg*. SAR tests are conducted in standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands.

Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating is usually well below the maximum value. This is because the phone is designed to operate at different power levels so that it only ever uses the power required to reach the network. In general, the closer you are to a base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be shown to comply with the European R&TTE

directive (CE label). This directive promotes the protection of the health and the safety for the user and any other person. The maximum SAR for this phone, measured according to this standard, is 0.95 W/kg. The SAR value for the S45i can be found on the internet at **www.my-siemens.com**. While there may be differences between the SAR levels of various phones and at various positions, they all meet the EU requirements for RF exposure.

* The SAR limit for mobile phones used by the public is 2.0 watts/kg (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary according to national requirements and network bands. SAR information for other regions can be found at **www.my-siemens.com**

THIS S45i PHONE MEETS REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your mobile phone S45i is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) recommended by international guidelines (ICNIRP).

These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit stated in the international guidelines is 2.0 W/kg*. Tests for SAR are conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are

to a base station, the lower the power output of the phone.

The highest SAR value for this phone model S45i when tested for use at the ear is 0.95 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the relevant international guidelines for RF exposure.

* The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of body tissue. The guidelines incorporate a substantial margin of safety to give additional protection to the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band. For SAR information in other regions please look under product information at www.my-siemens.com.

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