SIEMENS
mobile

Be inspired

C60

See also Index at the end of this User Guide

See also Index at the end of this User Guide

Safety precautions

Information for parents

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

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

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

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

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

The ringtone (p. 78), info tones (p. 79) and handsfree talking are reproduced through the loudspeaker. Do not hold the phone to your ear when it rings or when you have switched on the handsfree function (p. 22). Otherwise you risk serious permanent damage to your hearing.

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

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

Important:

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

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

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

Improper use will invalidate the guarantee!

Phone overview

① 📞 Call key

Dial phone number /name displayed, take calls. Show last phone numbers dialled in standby mode.

② 📞 On/Off/End key

- Switched off: **Hold** down to switch on.
- During a call or in use: press **briefly** to finish.
- In menus: **Press** briefly: one level back. **Press** and hold: return to standby mode.
- In standby mode: **Hold** down, to switch off phone.

③ Control key

In lists and menus:

⏶⏷ Scroll up and down.

◄► Function call.

◄► Back a menu level.

During a call:

◄► Open call menu.

In standby mode:

⏶⏷ Open Phonebook.

◄► Open menu.

◄► GPRS info

.

① Integrated antenna

Do not interfere unnecessarily with the phone above the battery cover. This reduces reception quality.

② Loudspeaker

③ Display symbols

Signal strength/ GPRS available/ battery level.

④ Soft keys

The current functions of these keys are shown in the bottom line of the display as text / symbol (e.g. 📖).

⑤ Input keys

Numbers, letters.

⑥ ✳ Press and hold
• In standby mode: switch on/off all signal tones (except alarm).
• For incoming calls: only switch off ring tones.

⑦ # Press and hold

In standby mode: Switch key lock on/off-.

⑧ Microphone

⑨ Plug socket

Connection for charger, headset etc.

Display symbols (selection)

Display symbols	
▶️〉〉〉	Signal strength.
⟶▮	Charging.
▭▮	Battery charging status, e.g., 50 %.
📞	Phonebook
📇	Call records
⊘	Surf & Fun
🎵	Ring tones
✉	Messages
📷	Camera
☺	Extras
▭	Eigenes
🔧	Setup
↴📞	All calls are diverted.
🔕	Ringer off.
▭	Short ringer (beep) only.
↑🔔	Ringer only, if the caller is stored in the Phonebook.
🔔	Alarm set.
((·	Alarm clock active.
▬0	Key lock active.

Phone numbers/names:

◑	On the SIM card
▬0	On the SIM card (PIN 2 protected).
▯	In the phone memory.
✕	No network access.
☑, ☐	Function activated/deactivated.
📇	Phonebook.
ABC/ **Abc/abc**	Indicates whether upper- or lower case letters are active.
ᵀ⁹Abc	Text input **with** T9.
GPRS	Activated and available.
¦GPRS¦	Registered.
GPRS	Temporarily interrupted.
GPRS▶	GPRS download.
◐⇄	WAP Online.
◐⇄ᴳᴾ ᴿˢ	WAP via GPRS online.
⊖	WAP No network.
🎧	Headset active.
↑🔊	Auto answer feature on.

Depending on the service provider, some of the symbols displayed here may differ from those in the phone.

Soft keys

✉	Message received.
MMS	MMS received.
N	MMS notification.
☎	Voice mail received.
⇥	Data received.
▧	Picture received.
♪	Melody received.
☏•)	Unanswered call.
→▥	Store in Phonebook.
▥→	Retrieve from Phonebook.

Getting started

The front and back covers of the casing, as well as the keypad can be changed in a matter of seconds – no tools required (CLIPit™, p. 94). Please switch the phone off first:

Assembling
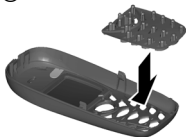
①   ②   ③

Dismantling

④   ⑤   ⑥

Additional notes

Your phone's display is delivered with a protective film. **Remove this film before getting started**.

To avoid damage to the display, the phone should not be used without the top shell.

Insert SIM card/battery

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

• Remove the cover in the direction of the arrow ①.

• Insert the SIM card in the opening with the contact area **facing downwards** and push gently until it engages below the holder (make sure the angled corner is in the correct position ②).
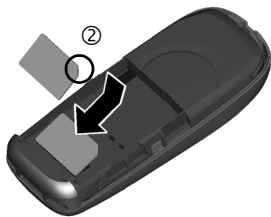
• Insert the battery sideways into the phone ③, then press downwards ④ until it engages.
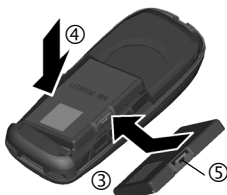
• To remove, press the retaining tab ⑤ then lift the battery out.

• Slide cover over the phone ⑥ until it latches into place.
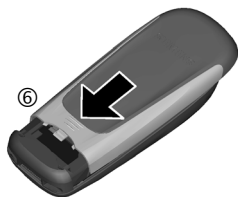
Additional notes

Always switch off phone before removing the battery!

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

Charge battery

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

Display when charging is in progress

 During charging.

Charging time

An empty battery is fully charged after about 2 hours. Charging is only possible within a temperature range of +5 °C to +40 °C. If the temperature rises/falls 5 °C above/below this, the charge symbol flashes a warning. The voltage specified on the power supply unit must not be exceeded.

Charge icon not visible

If the battery was fully discharged, the chargin symbol will not be immediately visible on connection to the power supply unit. It will appear after up to two hours. In this case the battery is fully charged after 3-4 hours.

Only use the charger provided!

Display while in service

Charge level display during operation (empty-full):

A beep sounds when the battery is nearly empty. The charge level of the battery is displayed correctly only after uninterrupted charging/discharging. You should therefore **not remove the battery unnecessarily** and where possible **not finish the loading process prematurely**.

Additional notes

The power supply unit will become heat up after extended use. This is normal and not dangerous.

Switch on/off/PIN

Activate/deactivate

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

Enter PIN

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

Enter the PIN using the number keys. The characters ✱✱✱✱ appear to ensure nobody can read your PIN on the display. Correct errors with **Clear**.

> **Please enter your PIN:**
> ✱✱✱✱
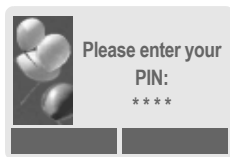
OK   Confirm entry with right soft key. Logging on to the network will take a few seconds.

Additional notes

Switching on your phone for the first time

Time/Date

The clock must be set to the right time once at start-up.

Yes   Press.

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

OK   Press. The time and date are updated.

Time zones

Specify your current time zone.

Select the desired time zone from the list ...

Set   ... Apply it.

Additional notes

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

Signal strength

⏵⏵⏵⏵ Strong receive signal.

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

Without SIM card

If you switch on the phone **without** a SIM card you can still use some phone functions.

Menu Press soft key. The functions are displayed.

SOS Emergency, SOS

Emergency number (SOS)

Only to be used in real emergencies!

By pressing the soft key SOS you can make an emergency call on any network **without** a SIM card and without entering a PIN (not available in all countries).

Standby mode

⏵⏵⏵⏵ ▭

Service provider
01.10.2003   10:10

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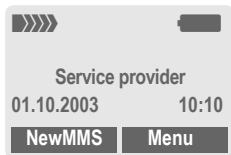
When the name of the service provider appears on the display, the phone is in **standby mode** and **ready for use**.

The left soft key may have different functions pre-assigned.

Hold down the On/Off/End key to return to standby mode from any situation.

Additional notes

SIM services (optional) ....p. 80

General Instructions

User guide

The following symbols are used to explain operation:

📱   Enter numbers or letters.

⌇   On/Off/End key.

⌇   Call key.

⌇   Press the control key on the side indicated.

⌇   Soft keys

Menu   Displays a soft-key function.

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

Menu Control

The steps needed to reach a function are shown in a **condensed form** in this user guide, e. g. to display call list for missed calls:

Menu → 📇 → **Calls missed**

This corresponds to:

①

Service provider

01.10.2003   10:10

NewMMS   Menu
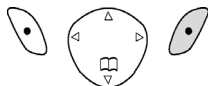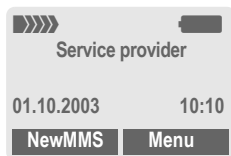
Menu   Open menu.

From standby mode: press the **right** soft key.

Messages   5

NewMMS   Select
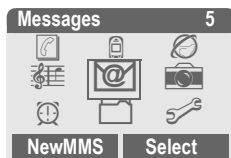
Select **Records** 📇.

Press **top** of control key.

③

Records   **2**

NewMMS   **Select**
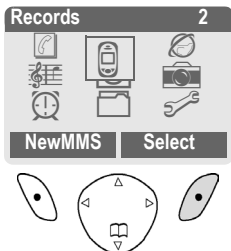
Select   Press.

Press **right** soft key to open the **Records** submenu.

④

Records   **2-1**

☺

Calls missed
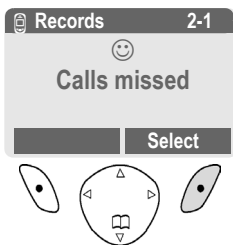
Select

Select   Press.

Press **right** soft key to open the **Calls missed** list.

⑤

Calls missed

Carol

View   **Options**
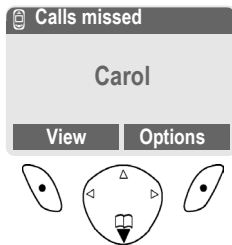
Scroll to entry required.

Press control key **at the bottom** to scroll down.

⑥

Calls missed

Carol

View   **Options**
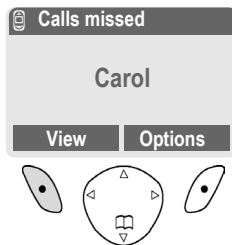
View   Press.

Press **left** soft key to show phone number with date, time and number of calls.

⑦

View

Carol
+55524765476
01.10.2003   10:10   5

OK   **Options**
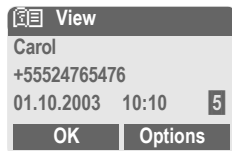
Menu speed dialling

All menu functions are numbered internally. A function may be selected directly by entering these numbers in sequence.

E.g. write new SMS:

Menu	Press.
5 jkl	for **Messages**
1 ∞	for **New SMS**

Security

Codes

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

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

PIN	Protects your SIM card (personal identification number).
PIN2	This is needed to set the charge detail display and to access additional functions on special SIM cards.
PUK PUK2	Key code. Used to unlock SIM cards after the wrong PIN has been entered repeatedly.
Phone code	Protects your phone. Must be entered at the first security setting.

Menu → 🗲 → **Security**
        → **Codes**
        → Select function

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 deactivating the control.

Select   Press.

🔢   Enter PIN.

OK   Confirm input.

Change   Press.

OK   Confirm.

Change PIN

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

🔢   Enter **current** PIN.

OK   Press.

🔢, OK   **Enter** new PIN.

🔢, OK   **Re-enter new** PIN.

Menu → 🔎 → **Security**
     → **Codes**
     → Select function

Change PIN2

(Display only if PIN 2 is available). Proceed as with **Change PIN**.

Change phonecode

You define the phone code (4-8 digits) when you call up a phone-code protected function for the first time (e.g. direct call p. 25). It is then valid for all phone-code protected functions.
Following the third unsuccessful attempt, access to the phone code and the functions that use it is denied. In such an instance contact Siemens Service (p. 89).

Clear SIM card barring

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

Additional notes
Screensaver ....p. 67
Key lock..p. 6
Further security settings ....p. 74

Preventing accidental activation

Even if PIN entry is deactivated (p. 17) confirmation is required to switch on phone.

This prevents accidental activation of the phone, e.g. when you are carrying it in a bag or when you are travelling in an aircraft.

✍️   Hold **down**.

> **Please confirm switch on**
>
> **OK**   **Cancel**

OK   Press. The phone switches on.

Cancel   Press or take no action. The phone does not switch on.

My phone

Change your phone to match your personal requirements.

Ring tones

Assign individual ring tones to caller groups or for special dates (p. 78).

Own greeting

Select a customised greeting (p. 66).

Screensaver

Choose a digital clock or a personal picture (p. 67).

(Provider) Logo

Choose an individual picture (to be displayed in standby mode) (p. 66).

Wallpaper image

Choose your own permanent wallpaper image (p. 66).

Colour scheme

Choose a colour scheme for the entire service system (p. 66).

Where do I get what?

Additional ringtones, logos, animations and screensavers can be ordered on the Internet at

www.my-siemens.com

and can be sent to you via SMS/MMS or you can download them via WAP:

wap.my-siemens.com

Siemens City Portal

You can find additional services for your mobile phone at:

www.my-siemens.com/city

The Siemens City Portal also offers a list of countries in which these services are available.

Making a phone call

Dialling with number keys

The phone must be switched on (standby mode).

📱   Dial number (always with area code, if necessary with international dialling code).

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

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

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.

Set volume

🎛   Use the control key (top) to start adjusting the volume during conversation.

🎛   Set volume and confirm with OK.

If a Car Kit is used, its volume setting will not affect the usual setting on the phone.

Redial previous numbers

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

☎   Press the Call key **twice**.

To redial other numbers that were dialled previously:

☎   Press the Call key once.

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

☎   Press ...

Send control code (DTMF)

You can, for example, enter control codes (numbers) for remote access to an automatic answering machine while another connection exists. These entries are transmitted directly as DTMF codes (control codes).

〈 menu 〉 Open the call menu.

Send DTMF

     Select.

Additional notes

International dialling codes

⟨0 +⟩   **Hold** down until a "+"-is
         displayed.

+List   Press and select country.

Phone number memo

You can use the keypad to enter a phone
number during a conversation. The person
to whom you are speaking can hear these
entries. When the connection has ended
you can save or dial the phone number.

When a number is busy

If the called number is busy or can-
not be reached because of network
problems several options are avail-
able (depending on the service pro-
vider). An incoming call or any other
use of the phone interrupts these
functions.

Either

Auto. Redial previous numbers

Auto dial   Press. The phone number
             is automatically dialled
             ten times at increasing
             time intervals. End with:

             ⌒ End key.

Or

Call back   ⌂!

Call back   Press. Your phone rings
             when the busy number is
             free. Press the Call key to
             dial the number.

Reminder

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

Accept call

The phone must be switched on
(standby mode). An incoming call
will interrupt any other use of the
phone.

$$((\;\bigcirc\;))$$

+5552764556

| **Answer** | **Reject** |
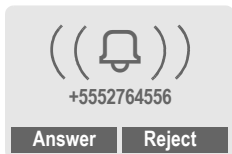
Answer   Press.

Or

📞   Press.

If the phone number has been trans-
mitted by the network, it is dis-
played. If the caller's name also
appears in the Phonebook, this will
appear instead of the number. If set,
a picture can be displayed instead of
the bell icon (p. 33).

| **Note** |
| Please make sure you have accepted the call before holding the phone to your ear. This will prevent a loud ring tone from damaging your hearing! |

Reject call

Reject   Press. The call will be
diverted if this has been
set previously (p. 69).

Or

📞   **Press** briefly.

| **Additional notes** |
| 🕭 Missed calls..................................p. 37 |
| Accept call using any key ....p. 68 |
| Switch off ringer...................................p. 6 |

Handsfree

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

▶▶▶▶   ▬

📱 ⟷ 📱

Carol
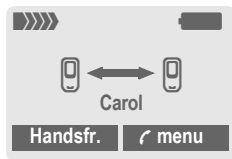
| **Handsfr.** | 📞 **menu** |

Handsfr.   Activate handsfree func-
tion.

Yes   Switch on.

Use the control key to adjust the volume.

Handsfr. Switch off.

Warning!
Always switch off "handsfree talking" before holding the phone to your ear! This will avoid damage to your hearing.

Swapping between 2 calls

Establish a second connection

You can call another number during a call.

menu Open the call menu

Hold The current call is put on hold.

Call held
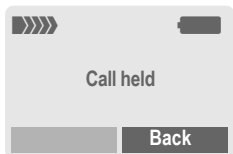
Back

Now dial the new phone number (Phonebook).

When the new connection is established:

menu Open the call menu

Swap Swap back and forth between both calls.

• **End current call**

End the current call and confirm with **Yes**. You are now connected to the caller.

Incoming calls during a call

You may need to register for this service with your service provider and set your phone accordingly (p. 68).

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:

- **accept the waiting call**

Swap   Accept the waiting call, putting the current call on hold to do so. Always proceed as above to swap between the two calls.

       Ending call(s):

       Press the End key ⌒. The following query is displayed: **Return to held call?**

       Accept the waiting call by pressing Yes.

       Or

       End the second call also by pressing No.

- **Reject waiting call**

Reject   Reject the waiting call.

Or

Divert   The waiting call is diverted, for example, to the mailbox.

- **Accept the waiting call and end the current call**

⌒   End the current call.

Answer   Accept new call.

Conference   ⊗!

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

⌢ menu   Open the menu and select **Hold**. The current call is put on hold.

🎇   Now dial a new number. When the new connection is established ...

⌢ menu   ... Open the menu and select **Conference**. The held call is joined.

Repeat procedure until all participants are linked together (up to 5 participants).

End

⌒   **All** calls in the conference are ended simultaneously when the End key is pressed .

Call menu

The following functions are only available during a call:

menu   Open menu.

Hold	(p. 23)
Microphone on	Switch microphone on/off. If switched off, the person on the other end of the line cannot hear you (muting). Also: Hold down.
Handsfree	(p. 22)
Volume	Adjust handset volume.
Conference	(See above)
Durat/charges	Display call duration and (if set, p. 38) costs accruing during the call.
Send DTMF	(p. 20)
Call transfer	The original call is connected to the second one. For you, both calls are now ended .
Main menu	Access to the main menu.
Call status	List all held and active calls (e.g. conference call participants).

Direct call

If this is active, only **one** phone number can be dialled.

Switch on

Menu   → → Security → **Direct call**

Select   Press.

Enter phone code.

When first prompted you define and enter the phone code (4- to 8-digit). **Please ensure you take a note of the code** (see also p. 18).

OK   Confirm input.

Change   Press.

Select phone number from Phonebook (p. 32) or enter again.

OK   Confirm "On".

Apply

```
▶▶▶▶▶                    ▬
        Service provider

01.10.2003              10:10
                         Carol
```
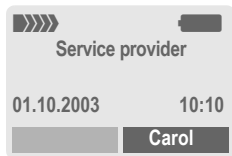
⌒/   Use the **right** soft key and
      hold it **down** to dial (e.g.
      Carol's phone number).

Switch off

⌒⁀   Hold **down**:
#

🖳   Enter phone code.

OK   Confirm input.

Change   Press.

OK   Confirm "Off".

Additional notes

Text entry

Text entry without T9

Press number key repeatedly until the required letter appears. The cursor advances after a short delay. Example:

2abc	Pressing briefly **once** types the letter **a**, twice the letter **b**, etc.
	Hold down to write the number.
Ä,ä,1-9	Umlauts and numbers are displayed after the relevant letters.
Clear	**Press briefly** to delete the letter before the cursor, **hold down** to erase the whole word.
↕	Move the cursor (forwards/back).
#	**Press briefly:** Swap between **abc**, **Abc**, **T9abc**, **T9Abc**, **T9ABC**, **123**. Status indicator in the top line of the display.
	Hold down: All input modes are displayed.

*	**Press briefly:** Special characters are shown.
	Hold down: Open input menu.
0+	**Press once/repeatedly**:
	. , ? ! ' " 0 - ( ) @ / : _
	Hold down: Writes **0**.
1	Writes blank. Press twice = skip line.

Special characters

*	**Press** briefly. The character map is displayed:

1)	¿	¡	_	;	.	,	?	!	+	-
"	'	:	*	/	(	)	¤	¥	$	£
€	@	\	&	#	[	]	{	}	%	~
<	=	>	|	^	§	Γ	Δ	Θ	Λ	Ξ
Π	Σ	Φ	Ψ	Ω						

1) Line skip

↕, ↔	Navigate to characters.
Select	Press.

Input menu

With text input:

⁎ ⌂   Hold **down**: The input menu is displayed:

Text format (SMS only)

Input language

Mark text

Copy/Add

Text entry with T9

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

Activate, deactivate T9

Options   Open text menu.

T9 input   Select.

T9 preferred
        Select.

Change   Activate T9.

Select Input language

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

Options   Open text menu.

T9 input   Select.

Input language
        Select.

Select   Confirm, the new language is set. Languages with T9 support are marked by the **T9** symbol.

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.

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

↴   Press briefly for **T9Abc** then

4ghi 6mno 8tuv 3def 5jkl

1⌂   Press. A blank ends a word.

Do not use special characters such as Ä but rather use the standard characters, e.g. A; T9 will do the rest for you.

Additional notes

⟨0 +⟩ Setting a full stop. Word is
ended when followed by a
blank space. Within a word, a
full stop represents an apostro-
phe or hyphen:

e.g. **provider.s** = provider's.

⟨✦⟩ Move to the right. Ends a word.

⟨#⟩ **Press briefly:** Swap between:
abc, **Abc**, **T9abc**, **T9Abc**, **123**.
Status indicator in the top line
of the display .

Hold down: All input modes
are displayed.

⟨✳⟩ **Press briefly:** Select special
characters (p. 27).

Hold down: Open input menu
(p. 28).

T9 word suggestions

If several options are found in the
dictionary for a key sequence (a
word), the most probable is dis-
played first. If the word you want has
not been recognised, the next sug-
gestion from T9 may be correct.

The word must be displayed as **inver-
ted**. Then press

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

🔘🔘🔘 buttons. Repeat until the
correct word is displayed.

If the word you want is not in the dic-
tionary, it may be written without
T9.

▣Abc **SMS**	1	748
At 8 h we are ▮		
Spell		🔘🔘🔘
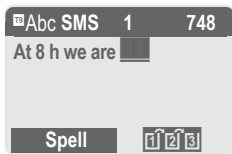
To add a word to the dictionary:

Spell   Select.

The last suggestion is deleted and
the word may now be entered with-
out T9 support. Press **Save** to add it
automatically to the dictionary.

Correct a word

Words written **with** T9:

⌨ (nav key) Move left or right, word by word, until the required word is **inverted**.

1̂ 2̂ 3̂ Scroll through the T9 word suggestions again.

Clear Deletes the character to the left of the cursor **and** displays a new possible word!

Words **not** created using T9:

⌨ (nav key) Move letter by letter to the left/right.

Clear Deletes the letter to the left of the cursor.

⌨ (keypad) Letters are inserted at the cursor position.

Additional notes

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

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Predef. texts

The phone contains predefined texts that you can add to your messages (SMS, MMS). You can also create and store up to 5 personal stored texts. Each stored text can contain up to 32 characters.

Unlike personal stored texts, predefined texts cannot be changed or deleted.

Write personal stored texts

Menu → 🖉 → **Predef. texts**

Options **<New entry>** Select.

⌨ Write personal stored text.

Save Press. The text is saved.

Use predefined texts

⌨ Write message text (SMS, MMS).

Options Open text menu.

⌨ (nav key) Select **Predef. texts**.

⌨ (nav key) Select predefined text from the list.

Select Confirm. The predefined text is inserted into the text to the left of the cursor.

Phonebook

Enter frequently used phone numbers in the Phonebook with a special name. To dial them, simply highlight the name. If a phone number is stored with a name, it appears on the display when you are called. Important numbers can be assigned to different groups.

<New entry>

 Open Addressbook (in standby mode).

🔃 **Phonebook**	🔍
<New entry>	
	Select

Select Display of entry fields.

 Select input field.

📇 Fill in input field. The maximum number of characters available is shown at the top of the display.

Number:

Always enter phone number with an area dialling code.

Name:

Enter first and/or last names.

E-Mail:

Enter- email address for MMS (max. for 50 addresses).

Group:

Default: **No group**

Change Entries can be organised by groups, (p. 35) e.g.:

Family, **Friends**, **VIP**, **Other**

Location:

Default: **SIM**

 Select location: **Mobile, SIM** or **Protected SIM** (p. 34).

Record no.:

Each entry is automatically assigned a record number. You can also dial using the record number (p. 32).

 Change the record number.

Save Press to store the new entry.

Additional Information
+List International dialling code......p. 21
Store control codes...........................p. 36
Text entry ....p. 27

Call (search for an entry)

Open Phonebook.

Select a name with the first letter and/or scroll.

Number is dialled.

Call using record no.

A record number is automatically assigned to every new entry in the Phonebook.

Enter input number.

Press.

Press.

Edit entry

Select entry in Phonebook.

Options Press and select **Edit**.

Select desired input field.

Make change.

Save Press.

Phonebook menu

The following functions are available, depending on the current situation. Some functions may be applied to the current entry as well as multiple highlighted entries:

Options Open menu.

View	Display entry.
Edit	Open entry for editing.
New entry	Create new entry.
Delete	Delete entry.
Delete all	Delete all entries after confirmation.
Picture	Assign a picture to a Phonebook entry.
Send SMS...	Send as Phonebook entry or text.
Capacity	Display maximum and available free capacity.

Assign picture

Assign a max. of 50 phone numbers to an individual picture. This picture will appear in the display when there is a call from this number.

$\overset{\triangle}{\underset{\triangledown}{\lhd\ \rhd}}$	Open Phonebook.
$\overset{\square}{\underset{\square}{\square}}$/$\overset{\triangle}{\underset{\triangledown}{\lhd\ \rhd}}$	Select entry.
Options	Open menu.
$\overset{\triangle}{\underset{\triangledown}{\lhd\ \rhd}}$	Select **Picture**. A picture list is displayed.
$\overset{\triangle}{\underset{\triangledown}{\lhd\ \rhd}}$	Select picture.
Open	Picture is displayed.
Select	The picture is assigned to the phone number and it appears with a ☺ symbol in the Phonebook.

Delete/change image

If a picture is assigned to a phone number, it can be deleted or replaced.

$\overset{\triangle}{\underset{\triangledown}{\lhd\ \rhd}}$	Select entry with picture ☺ in Phonebook.
Options	Press.
Select	Select ✓ **Picture**.
Delete	The assignment is cleared after confirmation.

Additional notes
One picture can be assigned to multiple phone numbers.
Add pictures ....p. 84
Siemens City Portal ....p. 19

<Special books>

$\begin{pmatrix} \triangle \\ \triangledown \end{pmatrix}$ Open Phonebook.

<Special books>
Select.

<OwnNumbers>

Enter "own" phone numbers in Phonebook (e.g., fax) for information. These numbers can be changed, deleted and also sent as an SMS message.

<Service number> / <Info numbers>

There might be phone numbers saved in your Phonebook that have been provided by your service provider. They may be used to call local or national information services or to use services offered by your service provider.

<SIM phonebook> (Standard)

Entries that are stored in the Phonebook on the SIM card can also be used on a different GSM phone.

<Protected SIM>   ⊕!

On special SIM cards, phone numbers can be stored in a protected location. PIN 2 is required for editing (p. 18).

Activate with the function **Only** ▄0 (p. 74).

<Mobile>

Phonebook entries are stores in the phone memory if the SIM card is full.

Phone number addition in Phonebook.

Digits may be replaced by a "?" when phone numbers are entered in the Phonebook:

⊛   Hold **down**.

These wildcards must be replaced with numbers before dialling (e.g., with the extension numbers in a phone system).

To make a call, select the phone number from the Phonebook.

⊗   Press.

▐▌   Replace "?" with digits.

⊗   Press, number is dialled.

Groups

Four groups are specified in your phone to enable you to arrange your Phonebook entries clearly. You can rename these groups.

$\begin{pmatrix} \triangle \\ \triangledown \end{pmatrix}$ Open Addressbook (in standby mode).

<Groups> Select (the number of entries is listed behind the group name).

🕮 **Groups**	
🐾 Family	(5)
🕮 Friends	(23)
VIP VIP	(11)
Rename	**Select**

$\begin{pmatrix} \triangle \\ \triangledown \end{pmatrix}$ Select a group.

Select   Open group.

or

Rename   Select and give group a name.

Additional notes

No group: Contains all Phonebook entries that do not belong to a group (name cannot be changed).

Groups menu

Options   Open menu. See "Phonebook menu", p. 32, for details.

Ring tone for group

If you assign a ring tone to a group, it sounds when one of the group members rings.

Menu → 🎜 → **Group calls**

$\begin{pmatrix} \triangle \\ \triangledown \end{pmatrix}$ Select a group.

Select   Confirm.

$\begin{pmatrix} \triangle \\ \triangledown \end{pmatrix}$ Select ring tone.

Select   Confirm.

Control codes (DTMF)

You can, for example, enter control codes (numbers) for remote access to an automatic answering machine while a connection exists. These entries are transmitted directly as DTMF codes (control codes).

menu Open the call menu.

Send DTMF

Select.

Use Phonebook

Store phone numbers **and** control codes (DTMF codes) in the Phonebook in the same way as a normal entry.

Enter phone number.

Press until a "+" appears in the display (wait for the connection to be established).

Enter DTMF codes (numbers).

If necessary, wait again for three seconds at a time for the receiver to process the entries safely.

Enter a name.

Save Press.

You may also store just the DTMF codes (numbers) and then send them during the call.

Records

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

Menu → 🖥

Select Press.

$\binom{\wedge}{\vee}$ Select call list.

Select Press.

$\binom{\wedge}{\vee}$ Select phone number.

📞 Dial phone number.

Or

View Display information on the phone number.

10 phone numbers can be stored in each call list:

Calls missed 🔊!

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

📳 Icon for missed call (in standby mode). Press the control key (on the left) to display phone number.

Requirement: The network supports the "Caller Identity" feature.

Calls received 🔊!

Accepted calls are listed.

Calls dialled

Access to the last numbers dialled.

📞 Fast access in standby mode.

Erase records

The records are deleted.

Call list menu

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

Options Open list menu.

View	Read entry.
Correct no.	Load number into display and correct it there if necessary.
Copy into 🕮	Save entry in Phonebook.
Delete	Delete entry after confirmation.
Delete all	Delete all entries of the call list after confirmation.

Durat/charges

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

Menu → 🔋 → **Durat/charges**

Select type of call:

> **Last call**
>
> **All outgoing**
>
> **All incoming**
>
> **Remain. units**

Select Display data.

When displayed, you can:

Reset clear display.

OK end display.

Charge sett.

Menu → 🔋 → **Durat/charges**
→ **Charge sett.**

Conv. ⌀!

(PIN 2 prompt)

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

Personal rate ⌀!

(PIN 2 prompt)

Enter the charges per unit/period.

A/c limit ⌀!

(PIN 2 prompt)

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

Change Press, enter PIN 2.

A/c limit Switch on.

🔢 Enter number of units.

OK Confirm.

Then confirm the credit or reset the counter. The status display for pre-paid cards may vary, depending on the service provider.

Auto display

Call duration and call charges are automatically displayed for each call.

Camera (Accessories)

You can use the phone to immediately view, save and send photos by MMS that you have taken with the "QuickPic" camera (p. 94). A flashlight is integrated into the camera.

Pictures can be taken in two different formats:

- Low resolution:
  QQVGA 160x120 pixels, memory size up to 6KB for sending as an MMS image (p. 40, p. 50).

- High resolution:
  VGA 640x480 pixels, memory size of one picture up to 40 KB – e. g. for further editing on PC. To allow the picture to be viewed on the phone display, a QQVGA picture is created for every VGA picture.

Camera   Press (in standby mode).

Or

Menu   → 📷

First the number of shots still available is shown (depends on resolution chosen).

OK   Confirm.

The last picture taken is shown.

⌖   Scroll through photos.

Picture

A shot (especially in high resolution) requires a few seconds to be processed.

Take   Press. You will hear an advisory tone when the exposure time has expired. The photo is shown on the display and saved automatically.

Flashlight

Switch on flashlight first:

Options   Open menu.

Use flash   Select.

Then take photo with flashlight:

Load   **Press** briefly. The flashlight is charged (battery capacity at least approx. 30 %).

Take   Press. The photo is taken with the flash. You will hear an advisory tone when the exposure time has expired. The photo is shown on the display and saved automatically.

Additional notes

Photograph without flash when the function **Use flash** is switched on:

Load   Hold **down**: The charging process for the flashlight is omitted and a shot is taken immediately without flashlight.

Sending a photo by MMS

You can easily send a photo as an MMS immediately after taking it.

Options   Open menu.

Send via MMS
Select.

Select   Press and select the desired resolution.

Skip   Press to skip recording a melody (p. 51).

The MMS Editor starts. Simply complete the following input fields:

To: 📖➡ /🔡 Telephone number /e-mail address of the recipient/s.

Subject: Title of the MMS (maximum of 40 characters).

The MMS is now ready to send:

Options   Open menu.

Send   Select.

Camera menu

Options   Open menu.

Use flash	Use flashlight (only when camera is plugged in)
Full screen	Switch to full screen mode.
Delete	Delete current picture after confirmation.
Delete all	Delete all pictures after confirmation.
Send via MMS	Sending a photo by MMS (low resolution only).
Info	Display number of shots still available.
Setup	Set resolution: **Low** **High & Low** Set display: **Always use fullscreen?** **Yes**or **No**.

Additional notes

⌗   Toggle between reduced/full screen.

✻   Switch on display illumination with or any number key.

If the memory is full or the camera is not attached:

Delete   Delete photo currently shown.

Voice mail/mailbox

Menu → 🐵 → **Msg. setup**
→ **Voice message**

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 receive,
- if you do not want to answer,
- if you are making a phone call (and **Call Waiting** is not activated, p. 68).

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

Settings: ⚙!

Your service provider supplies you with two phone numbers:

Save mailbox number

You call this phone number to listen to the voice mails left for you.

Menu → 🐵 → **Msg. setup**
→ **Voice message**

📇→/⌨️ Select or enter/change phone number

OK Confirm.

Save call divert number

Calls are diverted to this phone number.

Menu → 🛠 → **Divert**
→ e. g. **Unanswered** → **Set**

Enter call divert number.

OK Registration with network. Divert will be confirmed after a few seconds.

Further information on call divert can be found on p. 69.

Play back messages   ⏏️!

A new voice mail can be announced as follows, depending on the service provider:

| ⏺️ | Icon including beep. |

Or

| ✉️ | An SMS message announces a new voice mail. |

Or

You receive a call with an automatic announcement.

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

| 1️⃣ | Hold **down** (if necessary enter mailbox number once only). Depending on your service provider confirm with OK and Mailbox. |

Outside your home network, you may need to dial a different mailbox number and enter a password to access your mailbox.

SMS

You can transmit and receive very long messages (up to 760 characters) on your phone. They are automatically composed of several "normal" SMS messages (note higher charges).

Additionally you can insert pictures and sounds in an SMS.

Depending on the service provider, e-mails and faxes can also be sent and e-mails received via SMS (change setting if necessary, p. 48).

Writing and sending text messages (SMS)

Menu → 🖉 → **New SMS**

🎮   Text **input using "T9"** (p. 28) allows you to create longer messages very quickly using just a few key strokes.

Clear Press briefly to delete letter-by-letter, **hold** down to delete by word.

📞   Press.

📖→ /🎮 Dial number or pick out from the Phonebook.

Group SMS to group (p. 45).

OK   Confirm. Send the SMS to the service centre for transmission. The sent SMS is saved in the "Sent" list.

OK   Back to text input.

Display in the uppermost line:

ᵀ⁹Abc	**SMS**	**1**	**739**
We start at 8 a.m.			

ᵀ⁹Abc	T9 active.
abc/Abc/ABC/123	Switch between upper-case/lower-case letters and digits.
SMS	Display title.
1	Number of the required SMS messages.
739	Number of characters still available.

Additional notes
Insert pictures & sounds into text.......p. 44
SMS profile...p. 48
The following may be **Message type**, **Validity period**, **Service centre** queried ....p. 48
Enter special characters ....p. 27

Text menu

Options	Open text menu.

Send	Enter recipient's phone number/retrieve it from the Phonebook, then send.
Save	Save composed text in draft list.
Picture&sound	Add pictures, animations and sounds into message (see following text).
Predef. texts	Predef. texts insert (p. 30).
Format	**Line feed** **Small font, Medium font, Large font** **Underline** **Def. alignment: Left, Right, Centre** (align) **Mark text** (highlight text using control key)
Clear text	Delete the whole text.
Insert from...	Insert entry from Phonebook.
T9 input (p. 27)	**T9 preferred:** Activate/deactivate T9 input. **Input language:**Select language for text.
Send via ...	Select an SMS profile for transmission (p. 48).

Picture&sound

Insert pictures and sounds into message.

📱 Write message.

Options Open text menu at the end of a word.

⬆⬇ Select **Picture&sound** .

The menu contains:

Fix animations

Fix sounds

Own anim.

Own pictures

Own sounds

⬆⬇ Select area.

Select Confirm.

The first entry of the selected area is displayed.

⬆⬇ Scroll to entry required.

For **Fix animations/Fix sounds**:

Select The selection is added to the SMS.

For **Own anim./Own pictures/Own sounds**:

Load The selection is displayed/played back.

Select The selection is added to the SMS.

Additional informationn

EMS (Enhanced Messaging Service)

This service allows you to send pictures and sounds as ring tones and screensavers (except formatted text). Playback only occurs if the destination phone supports the EMS standard.

This can result in messages that are longer than a single SMS. If this happens the individual SMS messages are linked together to form a single message.

SMS status report

If the message cannot be transmitted to the service centre you are offered the chance to repeat the transmission. If this also fails, contact your service provider.

The **Message sent!**message only indicates transmission to the service centre. This will then attempt to relay the message within a certain period.

See also **Validity period**, p. 48.

SMS push

This function allows you to dial an Internet address (URL) directly from a received SMS. The URL is displayed as inverted after the highlighting. Pressing the Call key automatically starts the WAP browser and dials the highlighted Internet address.

SMS to group

You can send an SMS message as a "circular" to a recipient group.

Options	Open menu.
Send	Select.
Group	Press. The Phonebook is opened. There are the following options:

- Highlight individual entries.

- Select **<Groups>**, open a group and highlight individual entries/all entries there.

- Select **<Groups>**. Select a group.

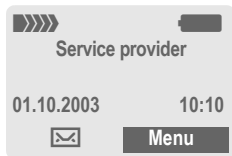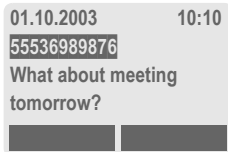|	
Send	Press. The first of the highlighted recipients is displayed. If this recipient has several phone numbers, one number can be selected.
	Skip Skip recipient.
Send	Transmission is started after confirmation.

Receiving SMS

☒ Arrival of new SMS announced on display.

```
▶▶▶▶                    ▬
        Service provider


01.10.2003          10:10
        ☒          Menu
```

📞 To read the SMS, press left soft key.

Date/time **01.10.2003   10:10**
No./sender **55536989876**
Message **What about meeting tomorrow?**

⟨♦⟩ Scroll through message line by line.

Reply See below.
Options See p. 47.

Phone number/URL in SMS

Phone numbers **inverted** in the text can be dialled or saved in the Phonebook. You can also mark URLs (Internet addresses), call them directly and run them. To this end the WAP profile (p. 60) must be set and activated.

📞 Press to dial phone number/download.

📄 **Message memory full**

If the message icon flashes the SIM memory is full. **No** more SMS messages can be received. Delete or file text messages (p. 48).

Reply menu

Reply Open reply menu.

Write mess.	Create a new reply text.
Edit	Edit received SMS or add new text.
Answer is YES	Add **YES** to the SMS.
Answer is NO	Add **NO** to the SMS.
Call back **Delay** **Thank you**	Add a standard text as a reply to the SMS.

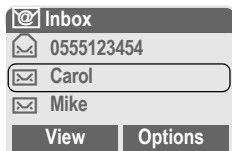Once the SMS has been edited, it can be saved or sent with **Options**.

Lists

All SMS and MMS messages are stored in one of the following lists according to status.

Inbox

Menu → 🖅 → **Inbox** → **SMS**

The list of received SMS messages is displayed.

```
📧 Inbox
📨 0555123454
📨 Carol
📨 Mike
      View        Options
```

Draft

Menu → 🖅 → **Draft** → **SMS**

The list of as yet unsent SMS messages is displayed.

Unsent

Menu → 🖅 → **Unsent** → **SMS**

The list of concatenated SMS messages not yet fully sent is displayed. You can restart sending.

Sent

Menu → 🖅 → **Sent** → **SMS**

The list of sent SMS messages is displayed.

Lists menu

Each list offers different functions:

Options Open menu.

View	Read entry.
Reply	Directly answer incoming SMS messages.
Delete	Delete selected SMS messages.
Delete all	Delete all SMS messages after confirmation.
Send	Dial number or select from the Phonebook, then send.
Edit	Open SMS message to edit.
Capacity	Display free capacity on SIM card/phone. In case of segments: number of concatenated SMS messages.
Mark a.unread	Mark the message as unread.
Save to 📖	Accept a highlighted phone number into Phonebook .
Archive	Shift SMS message to archive.
Send via ...	Select an SMS profile for transmission (p. 48).
Picture&sound	Save pictures or sounds from the SMS.

SMS archive

Menu → 🎯 → SMS archive

The list of SMS messages stored in the phone is displayed.

🗂\SMS archive	
🗀 INBOX	
🗀 DRAFT	
🗀 UNSENT	
Open	**Options**
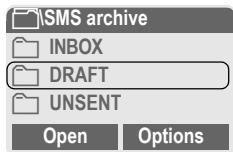
Icon	Meaning
⊠	Unread.
⊡	Read
⧉	Draft.
⧉≡	Sent.
◑	Entry on SIM card.
⊠	Concatenated message.

Different functions are available depending on the context:

Archive menu

Options Open menu.

View	Read entry.
Send	Dial number or select from the Phonebook, then send.
Edit	Open text input for editing.

SMS profiles

Menu → 🎯 → Setup → SMS profiles

A maximum of 3 SMS profiles can be set. They define the transmission characteristics for an SMS. The pre-setting depends on the SIM card inserted.

⌨ Select profile.

Options Open menu.

Change sett.
  Select.

Service centre	Enter or change the service-centre phone numbers as supplied by service provider.
Recipient	Enter the standard recipient for this transmission profile or select from the Phonebook.
Message type	**Manual**
	The message type is requested for each message.
	Standard text
	Normal SMS message.
	Fax
	Transmission via SMS.
	E-mail
	Transmission via SMS.
	New
	You may need to obtain the required code number from your service provider.

Validity period	Select the period in which the service centre tries to deliver the message: **Manual, 1 hour, 3 hours, 6 hours, 12 hours, 1 day, 1 week, Maximum** * Maximum period that the service provider permits.
Status report ⌗!	You will receive confirmation whether delivery of a message has been successful or unsuccessful. This service may be subject to a charge.
Direct reply ⌗!	The reply to your SMS message is handled via your service centre when Direct Answer is activated (for information please contact your service provider).
SMS via GPRS ⌗!	Send SMS automatically by GPRS (if available). Requirement: GPRS is activated (p. 72). Ensure that your service provider offers this function.
Save aft. send	Sent SMS messages are saved in the **Sent** list.

Activate profile

⌨   Select profile.

Activate   Press to activate profile.

MMS

The **M**ultimedia **M**essaging **S**ervice enables you to send texts, pictures (also photos) and sounds in a combined message to another mobile phone or to an e-mail address. All elements of an MMS message are merged to form a "slide show".

Depending on your phone's settings, you will receive either the complete message automatically or notification that an MMS has been saved in the network, giving sender and size details. You may then download it to your phone to read it.

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

Writing/sending MMS messages

An MMS consists of the address header and the content.

An MMS message can consist of a number of pages. Each page can contain text, a sound and an image.

Texts can be written with the help of T9 (p. 28).

Pictures and **graphics** that have been produced with accessories such as the QuickPic camera (p. 94) and can be attached in JPEG, WBMP, GIF or GIF format. See also **Own stuff,** p. 84.

Music is sent and received in a MIDI file, single tones/sounds in an AMR file.

Navigation

⟨♦⟩   Scroll line by line with the control key.

Menu → 📷 → **New MMS**

> ✏123 **MMS editor**
>
> **To:**
>
> **Subject: 1**
>
> ▢▶   Options

Input fields:

To: ▢▶ / 🔢 Phone number/e-mail address of recipient/s.

Subject: Enter MMS heading (up to 40 characters)

Picture: Insert buttons. The picture list is opened for selection.

Additional information

You can also easily send an image by MMS immediately after taking it with the QuickPic Camera (see p. 40).

Text: **Edit** buttons. Write text with the help of T9. Text menu, see p. 52.

Sound: **Insert** buttons. You can now select a stored melody (see also **Own stuff**, p. 84) or record a new melody (see below).

Slide duration:

Enter length of display for individual pages (minimum 0.1 seconds).

Record new melody (ring tone) for MMS

If you press **Insert** in the **Sound:** field when completing the input fields, you have the option of recording a new melody for sending messages by MMS.

Record   Press. Recording starts, and the maximum available time and recording duration are displayed.

Stop   End recording.

Attach extra pages

Options   Open menu.

New slide   Select.

Check MMS

Check the MMS message before sending it:

Options   Open menu.

Preview slide

View a single page.

Prev. message

Play back the whole MMS in the display. Cancel by pressing any key.

Send MMS

Options   Open menu.

Send   Select.

Text menu

Options   Open menu.

Line feed	Start new line.
Save	Save MMS text.
Clear text	Delete the whole text.
T9 input (p. 27)	**T9 preferred** Activate/deactivate T9 input. **Input language** Select language for text.
Predef. texts	Predef. texts insert (p. 30).

MMS menu

Different functions are available depending on the context:

Options   Open menu.

Insert line	Extend address field by one line.
Delete	Delete entry.
Insert from...	Insert entry from Phonebook.
Send	Send MMS.
Save	Store MMS in the draft list.
New slide	Insert new page behind current one.
Delete item	Delete element on a page.

|	
Delete slide	Delete page currently displayed.
Preview slide	Playback of complete page.
Slide list	Display pages available for selection.
Prev. message	Playback of complete MMS. Use any key to cancel.
T9 input (p. 28)	**T9 preferred:** Activate/deactivate T9 input. **Input language:** Choose language in which the text is to be written.
Attributes	**Date:**, **Size:**, **Priorität:** display MMS.
Extras	Specifying additional properties for the MMS.

Receive MMS

/ Indicates reception or notification of an MMS.

```
))))                        ▬
       Service provider

01.10.2003              10:10
        MMS         Menu
```
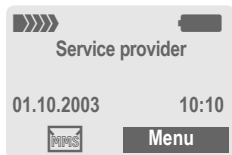
To read the MMS or notification, press left soft key.

Depending on the setting, (p. 55) the

- complete MMS is received
- Open notification. Press Receiving to receive the complete MMS.

Press any key to cancel function.

Play Automatic presentation of MMS. Use any key to cancel.

Scroll page by page using the control key.

Call up individual pages directly by number key.

Attachment

A single MMS can contain several attachments.

Options Open menu.

Attachment

Select.

Select attachment.

Open The attachment is opened with the available application.

Save The attachment is saved under a name.

Pictures and sounds

Pictures and sounds in a received MMS can be saved separately, e.g. for use as ring tone melodies or as background graphics. To this end, stop the MMS using any key or scroll to the desired page.

Options Open menu.

Content Select.

Proceed as for attachments above. Show as icons at the top of every page.

Functions for editing MMS can be found under Options.

Lists

All MMS messages are stored in one of the following lists.

Inbox

Menu → 📧 → **Inbox** → **MMS**

The list of MMS messages and notifications received is displayed. To receive an MMS afterwards, open notification and press **Empfang**.

Draft

Menu → 📧 → **Draft** → **MMS**

The list of as yet unsent MMS messages is displayed.

Unsent

Menu → 📧 → **Unsent** → **MMS**

The list of MMS messages not yet successfully sent is displayed.

Sent

Menu → 📧 → **Sent** → **MMS**

The list of sent MMS messages is displayed.

Lists menu

Each list offers different functions:

Options Open menu.

Play	Play back MMS.
Edit	Open text input for editing.
Reply	Reply to MMS immediately.
Receive MMS	Start inward transmission of MMS when only notification is highlighted (p. 55).
Receiv.all MMS	Start receipt of all new MMS messages.
Forward	Forward MMS to new recipients.
Delete	Delete selected MMS messages.
Delete all	Delete all entries after confirmation.
Mark a.unread	Mark MMS as unread.
Save to 📖	Copy phone number/e-mail address into Phonebook.
Attributes	Information on MMS is displayed: • Sender • Arrival time • Subject • Size • Priority
Capacity	Size of current MMS as well as capacity still available are shown.

Preview slide	Play back current page.
Slide list	Display pages available for selection.
Attachment	Open list of attachments received.
Content	Selection of page contents to be archived, such as picture or sound.
Save	Store MMS in outbox list.

Symbol	Meaning
MMS	MMS unread
MMS	MMS read
MMS	MMS draft
MMS	MMS sent
MMS	MMS read and forwarded.
MMS	MMS read with despatched confirmation
:N:	Notification unread
:N:	Notification read

MMS profiles

Menu → 📧 → **Setup** → **MMS profiles**

3 MMS profiles can be selected. The transmission characteristics of an MMS are defined in these.

⟨⟩ Select profile.

Options Open menu.

Change sett.
Select.

Expiry time	Select the period in which the service centre tries to deliver the message: **Manual, 1 hour, 3 hours, 6 hours, 12 hours, 1 day, 1 week, Maximum*** * Maximum period that the service provider permits.
Def. priority	Send priority: **Medium, High, Low**
Def. duration	Length of display for an MMS page (standard requirement).

Retrieval	Receive complete MMS or only notification of arrival.
	Automatic
	Receive complete MMS immediately.
	Auto.homenet
	Receive complete MMS immediately in home network
	Manual
	Only the notification is received.
MMS relaysrv.	MMS relay URL, e.g. http://www.webpage.com
IP settings	Enter **IP address:**IP-address.
	Port: * Enter port number.
	IP address: Enter IP-address.
	Port: * Enter port number.
	These settings can be different from those of the WAP browser.
Conn.profile:	Select or set access profile (p. 72).

Activate profile

⟨↕⟩   Select profile.

Activate   Press to activate profile.

T9 settings

Menu → 📧 → **Setup**
→ Select a function.

T9 preferred

Activate/deactivate intelligent text entry (see also p. 28).

Input language

Select language for text entry. Languages with T9 support are marked by the **T9** symbol.

CB services

Menu → 📧 → **Msg. setup**
→ **CB services**

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

Receive CB

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

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

Topic list

Enter these in your list of interesting topics.

New topic Select.

Enter topic with channel number and name and confirm with **OK**.

Channel: Select

Options Open list menu.

If a topic is selected in the list you can view it, activate/ deactivate it, edit it or delete it.

To switch to "full page view":

✏️ press, then press **View CB**.

Displays	
☑▯	Topic activated/deactivated.
📩	New messages received on the topic.
📨	Messages already read.

Surf & fun

Internet browser (WAP)

Menu → 🖉 → Select function

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

Home ⌂!

A connection is established with the Internet provider's portal (may be specified/configured by default by your service provider).
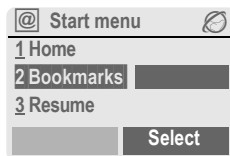
Bookmarks

List of URLs for fast access.

Internet ⌂!

The browser is activated as soon as you call up the function. The functions of the soft keys vary, depending on the internet page, for example "link" or "menu". The contents of the option menus are also variable. If necessary, set the way in which WAP access should be made (see **browser menu**, **Setup**, **Start with...**, p. 59).

For example the start menu appears:

```
┌──────────────────────────┐
│ @  Start menu          🖉 │
│ 1 Home                   │
│ 2 Bookmarks              │
│ 3 Resume                 │
│                  Select  │
└──────────────────────────┘
```

⌃⌄ Select desired function.

Select Confirm.

Start menu

Home	The connection to the Internet provider's portal is established (may be set/preset by the service provider).
Bookmarks	List of URLs for fast access.
Resume	Call up recently visited pages that are still in the memory.
Inbox	Inbox for messages from the WAP server (WAP push).
Profiles	The list of profiles is displayed for activation/setting (p. 60).
Exit browser	Close the browser and shutdown the connection.

End connection

⌒⍨/ Hold **down** to clear down the connection and close the browser.

Your Internet browser is licensed by:

OPENWAVE™

RSA SECURE™

Browser menu

If the browser is active, the menu can be activated as follows:

⍟ Press

or

⟨⌃⌄⟩ @ confirm.

Home	A connection is established with the Internet provider's portal (may be specified/configured by default by your service provider).
Bookmarks	Up to 50 URLs stored in the phone for fast access.
Resume	Call up recently visited pages that are still in the memory.
Go to...	Enter URL to access WAP page directly, e.g. **wap.my-siemens.com** Select from list of most recently visited WAP addresses.

Reload	Reload page.
Inbox	Inbox for messages from the WAP server (WAP push).
Disconnect	End connection.
Save bitmap	Save picture(s) of displayed page.
More ...	See below.
Exit browser	Close the browser and shutdown the connection.

More ... (in menu)

| **Profiles** | The list of profiles is displayed for activation/setting (p. 60). |
| **Setup** | **Font size** **Protocol parameters** • Push • Push can force online • Timeout for unanswered network requests **Security** • Secure prompt • Current certificate • CA certificates • Private Key PINs • Authentication **Start with...** • Start menu • Browsermenü • Home • Resume • Bookmarks |

Reset	Restart session and clear cache.
About Openwave	Display browser version.

Additional notes

@	Browser menu.
⊘	Offline.
⚫⇄	Online.
⚫⇄GP RS	GPRS online.
⊖	No network.
✳	Select special characters, such as @, ~, \ , see p. 27
	or
0 +	press repeatedly for:
	. , ? ! ' " 0 - ( ) @ / : _

WAP profiles

Menu → ⊘ → **Internet** → **Profiles**

Preparation of the phone for WAP Internet access depends on your service provider:

- The settings have already been installed by your provider. You can start immediately.
- Access profiles for a number of service providers have already been set. Then select and activate profile.
- The access profile must be set manually.

Check with your service provider if necessary.

Activate WAP profile

You can change the current profile each time before accessing the Internet.

⟨ ▲▼ ⟩   Select profile.

Select   Activate. The current profile is selected.

WAP profile setting

Up to 5 WAP profiles can be configured (may be limited by the service provider). The specifications may vary according to service provider:

⟨ ▲▼ ⟩   Select profile.

Edit   Open to make settings.

Profile name
        Enter/change name.

WAP param.   ⊂⊗!

IP address:	Enter IP- address.
Port:	Enter port number.
Homepage:	Enter homepage, if not set by the service provider.
GPRS lingertime CSD lingertime	Time in seconds after which a connection should be ended if no input or data exchange takes place.
Conn.profile:	Select or set access profile (p. 72).

Save   Save settings.

Games & more

Download games and other applications. You are advised about relevant applications on the Internet. Once you have selected a game or application you can start to download it immediately. Then you can use the application. Most applications include instructions.

Additional information

To download applications, the WAP profile(p. 60), HTTP profile (p. 73) and access (p. 73) must be configured.

Depending on the service provider, the access and functionality could differ from the present description.

Sounds (ringer)/silent alert on/off ......p. 79

Applications and games can be found at:

wap.my-siemens.com

or on the Internet at:

www.my-siemens.com/city

Games and applications

Applications and links that are already stored on the phone are found under:

Menu ➔ ⌀ ➔ **Games & more**

```
☆\
  ☐ Download new
  ☆ Game
  ☆ Application
  Options        Internet
```

Different functions are available depending on which entry is highlighted:

☐ **Download new**

Internet   The selected Internet page is loaded.

☆ **Carry out game/application offline**

Select   Loadable application can be started immediately.

☆ **Load game/application online**

Select   Only description file, application has still to be loaded.

Receive information

If information required, say, by an application that has already been installed, is received via **SMS**, the ☆ symbol appears in the display. By pressing the left control key, the relevant application is started and the information is processed.

Games

Games are stored in the telephone. Select the desired game. You will find special instructions or information for each game in the option menu.

Key control

The following key control is used for many games (virtual joystick):
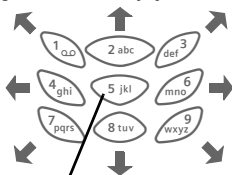
function
depends on the game

or use the key.

Games & More Options

Processing and managing your applications and folders:

Start	Start application.
Download	An application is downloaded from the Internet and installed.
Delete	Delete selected application/folder.
Delete all	Delete all applications/folders after confirmation.
Rename	Rename highlighted applications/folders.
HTTP profile	The list of profiles is displayed for activation/setting (p. 73).
Reinstall	Reinstall an application (update).
More info	Download further instructions via Internet (WAP), if available.
Details	Show details of the application/folder (name, version, size, path, producer, date).

Additional information

WAP can be used to download applications (e.g., ringtones, games, pictures, animation) from the Internet. Downloading or running applications will not affect or change the software already installed on your Java™-enabled mobile phone. Siemens excludes all warranty and liability claims in respect of or in connection with any applications subsequently installed by the customer and not included in the original delivery package. This also applies to functions enabled subsequently at the customer's instigation. The purchaser bears sole risk for the loss of, damage to, and any defects arising in, this device or the applications and for any direct damage or consequential damage of whatever nature resulting from the use of these applications.

For technical reasons, such applications and subsequent enabling of certain functions are lost in the event of the device being replaced/re-supplied and may be lost if it is repaired.

In these cases the purchaser will need to download the application again or re-enable it as well. Note that your device has Digital Rights Management (DRM) so that individual applications downloaded via WAP are protected against unauthorised copying. These applications are only intended for your device and cannot be transmitted from this device for backup purposes. Siemens does not warranty or guarantee or accept any liability for the customer's ability to download, enable, or back up applications again or to do so free of charge. Back up your applications on the PC, if this is technically possible, using Siemens Data Exchange Software (p. 85).

Setup

Profiles

`Menu` → ✍ → **Profiles**

Several settings can be stored in a phone profile in order, for example, to adapt the phone to the surrounding level of noise.
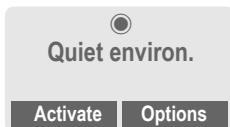
- Five profiles are standard with default settings, they can be changed however:

    Normal envi.

    Quiet environ.

    Noisy environ.

    Car Kit

    Headset

- You can set two personal profiles (**<No Title>**).

- The special profile **Aircraft mode** is fixed and cannot be changed, (p. 65).

Activate

⟨↕⟩ Select default profile or personal profile.

`Activate` Activate profile.

⊙
Quiet environ.

`Activate` `Options`

Setup

Edit a default profile or create a new personal profile:

⟨↕⟩ Select profile.

`Options` Open menu.

Change sett.
Select.

The list of available functions is displayed:

Ringer setting .... p. 78

Silent alert.. p. 78

Volume .... p. 78

Call screening.................................... p. 79

Key tones.. p. 79

Info tones.. p. 79

Big letters... p. 66

Illumination .... p. 67

When you have finished setting a function, you return to the profile menu where you can change a further setting.

Additional notes

⊙ Active profile.

Profile menu

Options   Open menu.

Activate	Activate selected profile.
Change sett.	Change profile settings.
Copy from	Copy settings from another profile.
Rename	Change personal profile (except default profiles).

Car Kit

If a Siemens original Car Kit is used (p. 95) the profile is activated automatically as soon as the phone is inserted into the cradle (p. 68).

Headset

If an original Siemens headset is used (p. 94), the profile is activated automatically when the headset is used.

Aircraft mode

The alarm tone is deactivated. An alarm is only shown on the display. **It is not possible to modify this profile.** The phone will switch off if you select this profile.

Activate

Scroll to **Aircraft mode**.

Select   Switch on profile.

A security prompt must be confirmed.

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.

Display

Menu → ⚙️ → **Display**
→ Select a function.

Language

Set the language of the display text.
When "automatic" is set, the language of your home 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 (in standby mode):

* # 0 0 0 0 # 📞

Wallpaper

Set wallpaper graphic for display or .

Download new

> Download new wallpaper
> images from the Internet.

Logo

Choose picture to be displayed
instead of the provider logo, or

Download new

> Download new logo from
> the Internet.

Colour scheme

Select colour scheme for the user
interface.

Activate colour scheme

⬆️⬇️ Select colour scheme.

Activate Activate.

Own greeting

Enter greeting to be displayed
instead of animation when phone is
switched on.

Change Switch on/off.

🔡 Delete old greeting and
create new greeting.

OK Confirm changes.

Big letters

You can choose between two font
sizes for the display.

Menu → 🔧 → Display
→ Select a function.

Illumination

Set display light brighter/darker. The darker the setting the longer the standby time.

Press the control key repeatedly to adjust up or down.

Contrast

Set display contrast.

Press the control key repeatedly to adjust up or down.

Screensaver

Menu → 🔧 → Screensaver

The screensaver shows a picture on the display as soon as a period that can be set by you has elapsed. The function is ended by an incoming call or by pressing any key.

Enable	Activate/deactivate screensaver.
Style	**Digital clock**, **Bitmap** or **Energy saving**.
Preview	Display the screensaver.
Timeout	Set period after which the screensaver starts.
Code protect.	Phone code protected termination of the screensaver.

Additional notes

You can also receive individual logos and screensavers by SMS (p. 43), MMS (p. 50) or WAP (p. 58). See also **Own stuff**, (p. 84) and **My phone**, (p. 19).

Call setup

Menu → 🖉 → **Call setup**
→ Select a function.

Hide ID ⚹!

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

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

Call waiting ⚹!

If you are registered for this service, you can check whether it is set and you can activate/deactivate it (see also p. 23).

Any to answer

Incoming calls can be accepted by pressing any key

(**except for** ⌀).

Minute beep

During the call, you will hear a beep after each minute as a reminder of the time elapsed. The recipient does not hear this beep.

Car Kit

Only in combination with an original Siemens handsfree Car Kit (p. 95). If an original Siemens Car Kit Portable is used the profile is activated automatically as soon as the phone is inserted into the cradle.

Auto answer

(factory default: off)

Calls are accepted automatically after a few seconds. Eavesdropping is possible!

↑ ⌇   Shown on the display.

Auto phone off

(factory default: 2 hours)

The phone is powered by the car. The time taken for the phone to switch off when the ignition is turned off can be configured.

Car loudspeaker

Select another audio setting as needed for your car kit for better acoustics.

Automatic settings:

• Permanent illumination: switched on.

• Key lock: switched off.

• Charging the phone battery.

• Automatic activation of the Car Kit profile when phone is inserted in cradle.

Menu → 🔧 → **Call setup**
→ Select a function.

Headset

Only in conjunction with an original Siemens headset (p. 94). If an original Siemens Headset is used the profile is automatically activated when the headset is plugged in.

Auto answer

(factory default: off)

Calls are accepted automatically after a few seconds (except where the ringer is switched off or set to beep). You should therefore be wearing the headset. Eavesdropping is possible!

Automatic setting

Accept call with the Call key or PTT key (Push To Talk) when the key lock is activated.

Auto answer

If you do not notice that you phone has accepted a call, there is the danger that the caller may eavesdrop.

Divert

Menu → 🔧 → **Divert**
→ Select a function.

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

Set up call divert (example):

The most common condition for call divert is, for example:

All calls ⌀⁀!

All calls are diverted.

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

Unanswered ⌀⁀!

(⁀) Select **Unanswered**. (Includes the conditions **Not reachable**, **No reply**, **Busy** see below)

Select Press.

Set Select.

⌨ Enter the phone number to which the caller will be diverted (if not already done)

Or

▥→ Select this phone number from the Phonebook or via Mailbox.

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

Not reachable

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

No reply

A call is only diverted after a delay that is determined by the network. The period can be set to a maximum of 30 seconds in 5 second intervals.

Busy

Divert occurs if a call is in progress. If **Call waiting** is activated (p. 68), you will hear the call waiting tone during a call.

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.

?   Display if status is unknown (e.g. with a new SIM card).

Clear all   ⊲8!

All set diversions are cleared.

Additional notes

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

Check condition or delete it

First select the condition.

Select   Press.

Check status
             Select.

Or

Delete   Select.

Reactivate divert

The last divert has been stored. Proceed as with Setting. The stored phone number is displayed. Confirm phone number.

Edit phone number

Proceed as with "Set divert". When the stored phone number is displayed:

Delete   Press. The phone number is deleted.

Enter new number and confirm.

Clock

Menu → 🔧 → **Clock**
→ Select function.

Time/Date

The clock must be set correctly once at start-up.

Change Press.

✍ First enter the date (day/month/year), then the time (12 hours, including seconds).

Additional notes

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

Setting of the date format to:

DD: Day (2-digit)

MM: Month (2-digit)

YYYY: Year (4-digit)

Time format

Select **24h** or **12h**.

Time zones

Specify your current time zone.

⬖ Select the desired time zone from the list ...

Set ... Apply it.

Options Open menu.

DST	Activate/deactivate selection. A sun is displayed when summer time is activated.
View	Display selected time zone with date and time.
Set	Set time zone.
Rename	Rename the time zone.
Auto timezone ⏱!	The time zone is automatically converted to local time by the network.

Date format

DD.MM.YYYY or **MM/DD/YYYY** or **YYYY-MM-DD**

Show clock

Activate/deactivate time display in standby mode.

Buddhist year

Switch to the Buddhist calendar (not available in all models).

Connectivity

Menu → ✧ᶜ → **Connectivity**
→ Select a function.

GPRS   ⚛!

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

GPRS is a new method for transmitting data faster in the mobile network. Use GPRS and if the network has sufficient capacity, you can be connected to the Internet permanently. Only the actual transmission time is charged by the network operator.

Some service providers do not yet support this service.

Yes / No   Switch GPRS function on/off

Shown in display:

GPRS	Activated and available.
¦GPRS¦	Registered.
GPRS	Connection briefly lost.
GPRS▶	Download

GPRS info

Display of connection data.

Data services

For the **MMS, WAP** and **Java** application at least one connection profile must be set up and activated. Presets of the phone depends on current service provider. If necessary, check with your service provider for details. The current settings for a service provider can be found on the Internet at

www.my-siemens.com/customercare under "FAQ".

⏥   Select profile.

Options   Open menu.

Change sett.
Press, then:

For CSD (**C**ircuit **S**witched **D**ata)

CSD settings
Select.

If it has not been pre-installed, enter the data or enter the required settings (your service provider will supply you with information on this):

Edit	Press.
Dial-up number	Enter ISP number.
Call type:	Select ISDN or analogue.
Login name:	Enter login name.
Password:	Enter password (shown as a series of asterisks).
DNS1 / DNS 2:	(optional).

Save Save settings.

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

GPRS settings
    Select.

You can activate GPRS for the profile and change the settings here. You can only start to use GPRS once you have activated GPRS on your phone (p. 72).

Edit Press.

APN:	Enter provider address.
Login name:	Enter login name.
Password:	Enter password (shown as a series of asterisks).
DNS1 / DNS 2:	(optional).

Save Save settings.

Menu → 🗲 → **Connectivity**
→ Select function.

HTTP profile

Select profile. Enter or modify settings. If necessary, check with your service provider for details.

Authentication

Menu → 🗲 → **Connectivity**
→ **Authentication**

Change Activate or deactivate encrypted WAP dial-up (CSD connections only) (PAP: Personal Authentication Procedure, CHAP: Challenge Authentication Procedure).

Security

Menu → 🔧 → **Security**
→ Select a function

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

Direct call

(Phone code is protected)
Only **one** phone number can be dialled. Hold **down** the right soft key (p. 25).

Only 📇   ⌀!

(PIN2-protected)
Restricts dialing options to SIM-protected numbers in the Phonebook. If only area codes are entered, relevant phone numbers can be added to these manually before dialling.

If the SIM card does not support PIN 2 input, the **whole** Phonebook can be protected with the phone code.

Last 10 only   ⌀!

(Phone-code protected)
Only phone numbers from the call list of "dialled numbers" (p. 37) can be dialled. This list can be filled with phone numbers specifically for this purpose.
First delete the call list, then create "new entries" by dialling phone numbers and cancelling before the connection is established.

Menu → 🔧 → **Security**
→ Select a function

Codes

PIN control, **Change PIN**, **Change PIN2**, **Change phonecode**, (p. 17).

This SIM only   ⌀!

(Phone-code protected)
The phone can be connected to a SIM card when the phone code is entered. Unless the phone code is known the phone will not operate with a **different** SIM card.

If the phone is to be used with a different SIM card, enter the phone code when requested.

Barrings   ⌀!

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

All outgoing

All outgoing calls, except emergency calls, are blocked.

Outgo internat

(Outgoing international)
Only domestic calls are possible.

Outgo internat. x home barred

(Outgoing international except home)
International calls are barred. However you can make calls to your home country when abroad.

All incoming calls

The phone is barred for all incoming calls (the forwarding of all calls to the mailbox offers 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 deleted. A password supplied by your service provider is required for this function.

§Menu§ → ✎ → **Security**
→ Select a function

Phone identity

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

Alternatively enter in standby mode:
* # 0 6 #

Software version
Display of software version in standby mode:
* # 0 6 # , then press §Info§.

Filesystem clean up

(Phone code is protected)

The file system is defragmented.

Master reset

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

Alternatively enter in standby mode:
* # 9 9 9 9 # ✎

Network

Menu → ⚙ → **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 currently used phone number.

1〉〉〉〉   Display the current phone number.

Block line

(Phone code is protected)
You may limit usage to one phone number.

Additional notes

Special settings may be made for each phone number (e.g., melody, call divert etc.) To do this, first switch to the required phone number. Change phone number/connection in standby mode:

⓪   Press.

Line 1   Press.

Menu → ⚙ → **Network**
→ Select a function

Network info

The list of GSM networks currently available is displayed.

✗   Indicates forbidden service providers (depending on SIM card).

Auto network

Activate/deactivate, see also **Choose network** above. If "Automatic network" is activated, the next network on the list is dialled in ranking order of your "preferred networks". Otherwise a different network can be selected manually from the list of the available GSM networks.

Choose network

The network search is restarted. This is useful if you are **not** on your home network or want to register on a **different** network. The network list is rebuilt when **Auto network** is set.

Preferred network

Enter your preferred service providers here for when you leave your home network (e.g. if there are differences in price).

Additional informationn

If you are outside your home network, your phone automatically dials another GSM network .

If the field strength of the preferred network is not strong enough when you switch the phone on, the mobile phone may register with a different network. This can change when the telephone is next switched on or if you manually select another network.

Your service provider is displayed:

List Display list of preferred networks.

Create new entry:

• Select empty line, press **Entry** then select another entry from the list of service providers and confirm.

Change/delete entry:

• Select entry, press **Change**, then select a different entry from the list of service providers and confirm it **or press** **Clear**.

Fast search

When this function is active, network reconnection is speeded up (standby time is reduced).

Ring tones

Menu → 𝄞 → Select function.

You can set the tones to match your needs.

Ringer setting

On/Off   Activate/deactivate all ring tones.

Beep   Reduce ring tone to a short signal (beep).

Additional notes
🔔 Displays: Beep.
🔕 Displays: Ringer off.

Silent alert

To avoid the disturbance caused by a ringing phone, you can activate the silent alert function as an alternative. The silent alert can also be activated in addition to the ringer (e.g. in noisy environments). This function is deactivated when the battery is being charged.

Volume

You can set the same volume for all ring tones.

⟨▲▼⟩   Set volume.

OK   Confirm.

Additional notes
Please make sure you have accepted the call before holding the phone to your ear. This will prevent a loud ring tone from damaging your hearing!

Calls, Group calls, Other calls, Alarm clock, Messages

Here you can set the ring tone separately for the stated call types/functions.

⟨▲▼⟩   Select ring tone.

OK   Confirm.

With **Download new** you can download new ring tones from the Internet.

Additional notes
Individual ring tone melodies can be sent to you via **SMS/MMS** or you can download them via **WAP** (p. 58).
See also **Own stuff,** p. 84 and
My phone, p. 19.

More tones...

Menu → 🎼 → **More tones...**
→ Select a function.

Call screening 🐷!

Only calls from numbers that are in the Phonebook or in a predefined group are signalled audibly or by silent alert. Other calls are only displayed.

If you do not accept these calls, they are diverted to your mailbox (if set, p. 69).

→ 🔔 Screen display in standby mode:
when call screening is activated.

Key tones

You can set the acoustic key acknowledge tone:

Click or **Tone** or **Still**

Minute beep

During the call, you will hear a beep after each minute as a reminder of the time elapsed. The recipient does not hear this beep.

Info tones

Set service and alarm tones:

On/Off Activate/deactivate tones.

Extras

Menu → 🕐 → Select function.

SIM services (optional) ⌂!

Your service provider may offer special applications such as mobile banking, share prices, etc. via the SIM card.

If you have such a SIM card, the SIM services will appear in the main menu under "Extras" or directly above the control key (on the left).

📱 Symbol for SIM services.

Where there are several applications, these are displayed in an SIM services menu.

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

Alarm clock

The alarm will ring at the time set by you, even when the phone is switched off.

Setting

Set the time for the alarm call (hh:mm).

OK   Confirm settings.

🕐 **Alarm clock**	
	11:56:27
⌀ **07:30**	
On/off	**OK**
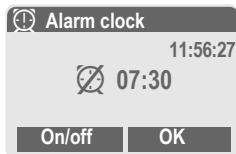
On/off   Activate/deactivate the alarm.

Additional notes	
🕐	Alarm clock activated.
⌀	Alarm clock deactivated.
((•	Screen display in standby mode: Alarm clock activated.

Menu → 🕐 → Select function.

Calculator

🖐   Enter number
     (up to 8 digits).

$$-\underset{\overset{\downarrow}{\mathbf{x}}}{\overset{/}{\underset{}{\bigodot}}}+$$ Select calculate func-
     tion.

🖐   Repeat procedure with
     other numbers.

#⃝   Result is displayed.

Calculator functions	
. = + - * /	Press the right soft key repeatedly.
±	Toggle between "+" and "-".
%	Convert to percent.
📥	Save the displayed number.
📤	Retrieve the number saved.
e	Exponent (maximum of two digits).

Special keys:	
*⃝	Set decimal point.
0⃝	Add (**hold** down).

Stopwatch

Two intermediate times can be recorded and saved.

```
┌─────────────────────────────┐
│ 🕐 Stopwatch                │
│                             │
│                             │
│        00:00:00.000         │
│                             │
│                             │
│   Start          Options    │
└─────────────────────────────┘
```

Reset   Reset to zero.

#⃝   Start/stop.

*⃝   Intermediate time.

Stopwatch menu

Options   Open menu.

Save	Record the time(s) measured and assign a name to them.
Reset	Reset stopwatch.
Stopwatch list	Display the stored times. **View** Display the stored times and intermediate times. **Rename** Rename stored entry. **Delete** Delete entry. **Delete all** Delete list.

Fast access key

The left soft key and the number 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.

Additional notes

The left soft key may already have a function allocated by your service provider (e.g. access to "🕀🕂 SIM card services"). It may not be possible to modify this key assignment.

The left soft key may also sometimes be replaced automatically by 🖂/🎦 to access a new message.

Available key assignments:

Left soft key

Assign a function/phone number to the left soft key for fast access.

Change

```
▶▶▶▶▶                          ▬

              Service provider
     01.10.2003              10:10
        Internet          Menu
```
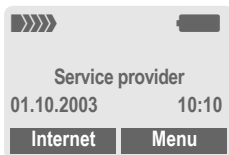
Internet   Press **briefly**.

Change   Scroll to application in the list.

- Assign a new function (e.g. **New SMS**) to the soft key.

- Special case **Phone number**. Retrieve a name (e.g. 'Carola') as the default for the soft key.

Select   Confirm setting.

Apply

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

Carola   **Hold** down.

Speed dialling keys

Number keys 2 to 9 can be used as speed dialling numbers for fast access. For available key assignments see p. 82. Number key 1 is reserved for the mailbox number (p. 41).

Change

In standby mode:

🔢	Press number key (2- 9). If the key is not yet assigned:
Set	Press.

Or

New SMS	Press **briefly** (if assigned to **New SMS**, for example).
Change	Scroll to application in the list.
	Special case **Phone number**. Pick out a name from the Phonebook for assignment to the key.
	Special case **Bookmarks**. Scroll to a 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. **New SMS**).

In standby mode:

⌨³	**Press** briefly.

The assignment of the number key 3 is displayed above the right soft key e.g.:

New SMS Hold **down**:

Or simply

⌨³	Hold **down**.

Own stuff

The following folders are provided or organising your files: Pictures, Animations, Sounds.

Menu → 🗀

Files and folders are displayed.

You can scroll through these lists using the control key:

🔘	scroll up and down.
🔘	jump back from a folder.
Open	Open folder or execute file using related application

Index structure

The file system assigns special folders to different data types.

Folders	Contents	Format
Pictures	Imagesr	*.bmp *.gif *.jpg *.jpeg
Camera	Own Photos (p. 39)	*.png
Animations	Animations	*.bmx *.gif
Sounds	Ring tones, melodies, sounds	*.mid

The following folders are also included in these main folders:

Download new	This enables you to download new files from the Internet..
EMS	Files that can be received per **SMS/MMS**.

File system menu

Options	Open menu.

Open	Open folder.
Delete	Delete current entry.
Delete all	Delete all entries.
Rename	Rename highlighted entry.
Send via...	Send highlighted entry.
Attributes	Display information on file or folder selected.
Drive info	Display the capacity used and available.

Data Exchange Software

Using this software, you extend the functionality of your mobile phone together with a Windows® PC. The phone and PC are connected to each other by means of a data cable (Accessories, p. 94). To ensure perfect data transmission it is necessary that the phone be set to the standby mode (e.g. no active application, no incoming call).

The software can be downloaded over the Internet:
www.my-siemens.com/m60

The Data Exchange software works with Windows® Explorer like an extra drive and mirrors the contents of the file system (p. 84) on your phone.

You can access the data in the applications on the phone and synchronise these with the PC by simple drag and drop.

Warning!
When you access the file system, please ensure that no files are deleted that are essential to running applications on the mobile phone.

Questions & Answers

If you have any questions regarding the use of your phone, you can contact us at
www.my-siemens.com/customercare at any time. In addition to this we have listed some
frequently asked questions and answers below.

Question	Possible causes	Possible solution
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"	
Insufficient standby time.	Frequent use of organiser or games.	Restrict use if necessary.
	Speed search active.	Deactivate speed search (p. 77).
	Display illumination switched on.	Switch off display illumination (p. 67).
	Unintentional keystrokes (illumination!).	Switch on key lock (⏦ press for long time).
Charging error (charge icon not displayed).	Battery totally discharged.	1) Plug in charger cable, battery is on charge. 2) Charge icon appears after approx. 2 hours. 3) Charge battery.
	Temperature out of range: 5 °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 plug socket, clean them if necessary, then insert battery again.
	No mains voltage.	Use different mains power socket, check mains voltage.
	Wrong charger.	Only use original Siemens accessories.
	Battery faulty.	Replace battery.
SIM error.	SIM card not correctly inserted.	Check that the SIM card is inserted correctly (p. 10).
	SIM card contacts dirty.	Use a dry cloth to clean the SIM card.
	SIM card with wrong voltage.	Use 3 V SIM cards only.
	SIM card damaged (e.g. broken).	Visually inspect the damage. Have SIM card replaced by service provider.

Question	Possible causes	Possible solution
No connection to network.	Weak signal.	Move to higher location, to a window or open space.
	Outside GSM range.	Check coverage area of service provider.
	SIM card not valid.	Contact the service provider.
	New network not authorised.	Try manual selection or select a different network(p. 76).
	Network barring is set.	Check barrings (p. 74).
	Network overloaded.	Try again later.
Phone loses network.	Signal too weak.	Reconnection to another service provider is automatic (p. 76). Switching the phone off and on may speed this up.
Calls not possible.	2nd line set.	Set first line ▯▶▶▶ ⟩ (p. 76).
	New SIM card inserted.	Check for new restrictions.
	Charge limit reached.	Reset limit with PIN 2 (p. 38).
	Credit used up.	Load credit.
Certain uses of the phone not possible.	Call restrictions are set.	Barrings may be set by your service provider. Check barrings (p. 74).
No entries possible in Phonebook.	Phonebook is full.	Delete entries in Phonebook (p. 31).
Voice mail does not work	Call divert to the mailbox not set.	Set call divert to the mailbox (p. 69).
SMS (text message) ▯ flashing.	SMS memory full.	To free up capacity, delete (p. 47) or file (p. 48) text messages (SMS).
Function cannot be set.	Not supported by service provider or registration required.	Contact your service provider.
Memory problems for, e.g. messages, ring tones, pictures.	Phone memory full.	Delete files in the applicable areas and unneeded T9 dictionaries.
No WAP access, no download possible.	Profile not activated, profile settings wrong/incomplete.	Activate WAP profile (p. 60), set (p. 60). If necessary, ask your service provider.

Question	Possible causes	Possible solution
Message cannot be sent.	Service provider does 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. 48).
	SIM card contract does not support this service.	Contact your service provider.
	Service centre too busy.	Repeat message.
	Recipient does not have a compatible phone.	Check.
EMS pictures and sounds not displayed at destination phone.	Recipient's phone does not support EMS standard.	
No Internet access possible.	Wrong WAP profile set or settings wrong, incomplete.	Check settings, speak to service provider if necessary.
PIN error/ PIN2 error.	Three wrong entries.	Enter the PUK (MASTER PIN) supplied with the SIM card according to the instructions. If the PUK (MASTER PIN) has been lost, please contact your service provider.
Phone code error.	Three wrong entries.	Contact Siemens Service (p. 89).
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.
Charge counter does not work.	Charge pulse is not transmitted.	Contact your service provider.
Damage		
Severe shock.	Remove battery and SIM and insert them again. Do not dismantle phone!	
Phone became wet.	Remove battery and SIM. Dry immediately with a cloth, but do not apply heat. Dry connector contacts thoroughly. Set phone to vertical position in air flow. Do not dismantle phone!	

Reset settings to factory default (see also p. 75): * # 9 9 9 9 # ✆

Customer care

We offer fast, individual advice! You have several options:

Our online support on the Internet:

www.my-siemens.com/customercare

We can be reached any time, any place. You are given 24 hour support on all aspects of our products. Here you will find an interactive fault-finding system, a compilation of the most frequently asked questions and answers, plus user guides and current software updates to download.

You will also find the most frequently asked questions and answers in the section entitled p. 86 in this user guide.

You can also get personal advice about our range of products on our Premium Hotline:

United Kingdom....................0906 9597500

(0.75 £ per minute)

Qualified Siemens employees are waiting to offer you expert information about our products and installation.

In some countries repair and replace services are impossible where the products are not sold through our authorised dealers.

When calling customer service, please have ready your receipt and the phone identity number (IMEI, to display press *** # 0 6 #**), the software version (to display, press *** # 0 6 #**, then **info**) and if available, your Siemens Service customer number.

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

Abu Dhabi	0 26 42 38 00	Canada	1 88 87 77 02 11
Argentina	0 80 08 88 98 78	China	0 21 50 31 81 49
Australia	13 00 66 53 66	Croatia	0 16 10 53 81
Austria	05 17 07 50 04	Czech Republic	02 33 03 27 27
Bahrain	40 42 34	Denmark	35 25 86 00
Bangladesh	0 17 52 74 47	Dubai	0 43 96 64 33
Belgium	0 78 15 22 21	Egypt	0 23 33 41 11
Bolivia	0 21 21 41 14	Estonia	06 30 47 97
Bosnia Herzegovina	0 33 27 66 49	Finland	09 22 94 37 00
Brazil	0 80 07 07 12 48	France	01 56 38 42 00
Brunei	02 43 08 01	Germany *	0 18 05 33 32 26
Bulgaria	02 73 94 88	Greece	0 80 11 11 11 16
Cambodia	12 80 05 00	Hong Kong	28 61 11 18

Hungary	06 14 71 24 44
Iceland	5 11 30 00
India	22 24 98 70 00 Extn: 70 40
Indonesia	0 21 46 82 60 81
Ireland	18 50 77 72 77
Italy	02 66 76 44 00
Ivory Coast	05 02 02 59
Jordan	0 64 39 86 42
Kenya	2 72 37 17
Kuwait	2 45 41 78
Latvia	7 50 11 18
Lebanon	01 44 30 43
Libya	02 13 50 28 82
Lithuania	8 52 74 20 10
Luxembourg	43 84 33 99
Macedonia	02 13 14 84
Malaysia	+ 6 03 77 12 43 04
Malta	+ 35 32 14 94 06 32
Mauritius	2 11 62 13
Mexico	01 80 07 11 00 03
Morocco	22 66 92 09
Netherlands	0 90 03 33 31 00
New Zealand	08 00 27 43 63
Nigeria	0 14 50 05 00
Norway	22 70 84 00
Oman	79 10 12
Pakistan	02 15 66 22 00
Paraguay	8 00 10 20 04
Philippines	0 27 57 11 18
Poland	08 01 30 00 30
Portugal	8 08 20 15 21
Qatar	04 32 20 10
Romania	02 12 04 60 00
Russia	8 80 02 00 10 10
Saudi Arabia	0 22 26 00 43
Serbia	01 13 22 84 85
Singapore	62 27 11 18
Slovak Republic	02 59 68 22 66
Slovenia	0 14 74 63 36
South Africa	08 60 10 11 57
Spain	9 02 11 50 61
Sweden	0 87 50 99 11
Switzerland	08 48 21 20 00
Taiwan	02 23 96 10 06
Thailand	0 22 68 11 18
Tunisia	71 86 19 02
Turkey	0 21 65 79 71 00

Ukraine	8 80 05 01 00 00
United Arab Emirates	0 43 31 95 78
United Kingdom	0 87 05 33 44 11
USA	1 88 87 77 02 11
Vietnam	49 43 73 23
Zimbabwe	04 36 94 24

Care and maintenance

'Your phone has been designed and manufactured to the highest of standards and should be treated with the greatest of care. The suggestions below will help you to enjoy your phone for many years.

- Protect your phone from moisture and humidity! Precipitation, humidity and liquids contain minerals that will corrode electronic circuits. Nevertheless, should your phone become wet, disconnect it immediately from the power supply and remove the battery!

- Do not use or store the phone in dusty, dirty areas. Its moving parts may become damaged.

- Do not store your phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries and warp or melt certain plastics.

- Do not store your phone in cold areas. When the phone warms up again (to its normal ambient temperature), moisture can form inside the phone, which may damage electronic circuit boards.

- Do not drop, knock or shake your phone. Rough handling can damage internal circuit boards!

- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone!

The suggestions given above apply equally to your phone, battery, charger and all accessories. If any of these parts are not working properly, take them to your nearest qualified service outlet. The personnel there will assist you and, if necessary, repair the device.

Product data

Declaration of conformity

Siemens Information and Communication mobile hereby declares that the 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).

The declaration of conformity (DoC) concerned has been signed. Please call the company hotline if you require a copy of the original.

$C\epsilon$ 0682

Technical data

GSM class:	4 (2 watt)
Frequency range:	880 - 960 MHz
GSM class:	1 (1 watt)
Frequency range:	1.710 - 1.880 MHz
GSM class:	1 (1 watt)
Frequency range:	1,850 - 1,990 MHz
Weight:	85 g

Size:	110 x 47 x 23 mm (91 ccm)
Li-Poly battery:	700 mAh
Operating temperature:	-10 °C… 55 °C
SIM card:	3.0 V

Operating time

A full battery will deliver 60 to 250 hours of standby time or 100 to 300 minutes of talktime.

The operating time depends upon the use:

Action taken	Time (min)	Reduces standby time by
Making a phone call	1	30 - 90 minutes
Light *	1	40 minutes
Network search	1	5 - 10 minutes
* Keypad entry, games etc.		

Extreme temperatures reduce the phone's standby time considerably. You should therefore avoid the leaving the phone in the sun or on a radiator.

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

....

the service provider's Customer Service number:

....

Lost phone

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

Accessories

Energy

Li-Ion Battery 700mAh EBA-510

Spare battery.

Travel Charger

ETC-500 (Euro)

ETC-510 (UK)

Travel charger with an extended input voltage range of 100-240V.

Car Charger ECC-500

Charger for the cigarette lighter socket in the car.

Desk Top Charger EDC-510

The desk top charger enables the phone to be charged easily as well as an additional battery.

Handsfree Portable

Headset PTT HHS-510

Headset with PTT key for accepting or ending calls.

Multitainment

QuickPic Camera IQP-500

Camera that plugs into the mobile phone. Take photos and send the images from your mobile phone via MMS to other mobile phones or by email to a PC. Optional integrated flash that can be switched on or off as needed.

Fashion & Mobility

Carrying Cases

You can buy different carrying cases in stores or from our online shop.

CLIPit Covers

You can buy exchangable front and back covers in stores or from our online shop.

Office

Data Cable DCA-500

For connecting the phone to the serial RS232 port of the PC.

Data Cable USB DCA-510

For connecting the phone to the USB port of the PC. With charge function.

| SIEMENS | Original Siemens Accessories |
| Original Accessories | **www.siemens.com/ mobilestore** |

Car Solutions

Car Kit Portable HKP-500

Handsfree kit with integrated loudspeaker and microphone and auto answer feature. Simply plug into the cigarette lighter socket. Particularly ideal for easy transfer between vehicles.

Mobile Holder HMH-630

Die Telefonhalterung ohne Antennenanschluss. Can also be used as a phone holder for upgrading your handsfree kit (55 series).

Basic Car Pack HKB-500

Allows in-car charging of your mobile phone as well as handsfree talking. Contains a Car Charger, a Headset PTT and a Y adapter.

Car Kit Comfort HKC-630

Handsfree kit with first-class digital call quality and supreme ease of use. Includes all components needed for installation. Individual antenna solutions can be obtained in specialist shops.

Car Kit Upgrade HKO-630

Mobile phone holder for upgrading your handsfree Car Kit Comfort.

Optional Car Kit accessories

VDA Adapter Cable HKO-560

Products can be obtained in specialist shops or you can visit our online shop at:

SIEMENS Original Accessories
Original Siemens Accessories
www.siemens.com/mobilestore

Battery quality statement

The capacity of your mobile phone battery will reduce each time it is charged/emptied. Storage at too high or low temperatures will also result in a gradual capacity loss. As a result the operating time of your mobile phone may be considerably reduced, even after a full recharge of the battery.

Regardless of this, the battery has been designed and manufactured so that it can be recharged and used for six months after the purchase of your mobile phone. After six months, if the battery is clearly suffering from loss of performance, we recommend that you replace it. Please buy only Siemens original batteries.

Guarantee certificate (UK)

Without prejudice to any claim the user (customer) may have in relation to the dealer or retailer, the customer shall be granted a manufacturer's Guarantee under the conditions set out below:

- In the case of new devices and their components exhibiting defects resulting from manufacturing and/or material faults within 24 months of purchase, Siemens shall, at its own option and free of charge, either replace the device with another device reflecting the current state of the art, or repair the said device. In respect of parts subject to wear and tear (including but not limited to, batteries, keypads, casing), this warranty shall be valid for six months from the date of purchase.
- This Guarantee shall be invalid if the device defect is attributable to improper treatment and/or failure to comply with information contained in the user manuals.
- This Guarantee shall not apply to or extend to services performed by the authorised dealer or the customer themselves (e.g. installation, configuration, software downloads). User manuals and any software supplied on a separate data medium shall be excluded from the Guarantee.
- The purchase receipt, together with the date of purchase, shall be required as evidence for invoking the Guarantee. Claims under the Guarantee must be submitted within two months of the Guarantee default becoming evident.
- Ownership of devices or components replaced by and returned to Siemens shall vest in Siemens.

- This Guarantee shall apply to new devices purchased in the European Union. The Guarantee is issued by Siemens plc, Siemens House, Oldbury, Bracknell, Berkshire, RG12 8FZ.
- Any other claims resulting out of or in connection with the device shall be excluded from this Guarantee. Nothing in this Guarantee shall attempt to limit or exclude a Customers Statutory Rights, nor the manufacturer's liability for death or personal injury resulting from its negligence.
- The duration of the Guarantee shall not be extended by services rendered under the terms of the Guarantee.
- Insofar as no Guarantee default exists, Siemens reserves the right to charge the customer for replacement or repair.
- The above provisions does not imply a change in the burden of proof to the detriment of the customer.

To invoke this Guarantee, please contact the Siemens telephone service. The relevant number is to be found in the accompanying user guide.
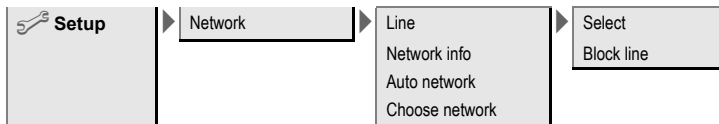
Menu tree

Phonebook
- \<New entry>
- \<Special books>
  - \<Own numbrs>
  - \<Service number>
  - \<SIM phonebook>
  - \<Protected SIM>
- \<Groups>

Records
- Calls missed
- Calls received
- Calls dialled
- Erase records
- Durat/charges
  - Last call
  - All outgoing
  - All incoming
  - Remain. units
  - Charge sett.
    - Conv.
    - Personal rate
    - A/c limit
    - Auto display

Surf & fun
- Homepage
- Bookmarks
- Internet
- Games & more

Ring tones
- Ringer setting
- Silent alert
- Volume
- Calls
- Group calls
- Other calls
- Alarm clock
- Messages
- More tones...
  - Call screening
  - Key tones
  - Minute beep
  - Info tones

Messages
- New SMS
- New MMS
- Predef. texts
- Inbox
  - SMS
  - MMS
- Draft
  - SMS
  - MMS
- Unsent
  - SMS
  - MMS
- Sent
  - SMS
  - MMS
- SMS archive
- Setup
  - T9 preferred
  - Input language
  - SMS profiles
  - MMS profiles
  - Voice message
  - CB services
    - Receive CB
    - Topic list

Camera

Extras
- SIM services
- Alarm clock
- Calculator
- Stopwatch

Own stuff

Setup

- Profiles
- Display
  - Language
  - Wallpaper
  - Logo
  - Colour scheme
  - Own greeting
  - Big letters
  - Illumination
  - Contrast

- Screensaver
  - Enable
  - Style
  - Preview
  - Timeout
  - Security

- Call setup
  - Hide ID
  - Call waiting
  - Any to answer
  - Minute beep
  - Car Kit
  - Headset

- Divert
  - All calls
  - Unanswered
  - Not reachable
  - No reply
  - Busy
  - Status check
  - Clear all

Setup

Clock
- Time/Date
- Time format
- Time zones
- Date format
- Buddhist year
- Show clock

Connectivity
- GPRS
- GPRS info
- Data services
  - MMS, WAP
  - Java
- HTTP profile
- Authentication

Security
- Direct call
- Only ⌐0
- Last 10 only
- Codes
  - PIN control
  - Change PIN
  - Change PIN2
  - Chg.phonecode
- This SIM only
- Barrings
  - All outgoing
  - Outgo internat
  - Out.int.x home
  - All incoming
  - When roaming
  - Status check
  - Clear all
- Phone identity
- Filesystem clean up
- Master reset

Setup ▸ Network ▸ Line ▸ Select
Network info Block line
Auto network
Choose network

SAR - European Union (RTTE)

INFORMATION ON RF EXPOSURE /SPECIFIC ABSORPTION RATE (SAR)

THIS MOBILE PHONE MEETS THE LIMITS SET BY THE EU (1999/519/EC) FOR PROTECTION OF THE HEALTH OF THE PUBLIC FROM THE EFFECTS OF EXPOSURE TO ELECTROMAGNETIC FIELDS

These limits are part of comprehensive recommendations for the protection of the public. The recommendations were developed and confirmed by independent scientific organisations through periodic and thorough evaluation of scientific studies[1]. The limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

Before a radio equipment may be placed on the market, compliance with the European laws and the respective technical limit requirements must be demonstrated. Only then the CE mark may be affixed[2].

The limit for mobile phones recommended by the Council of the European Union employs a unit of measurement known as the Specific Absorption Rate, or SAR. This SAR limit is 2.0 W/kg[3]. This corresponds with the requirements of the International Commission for Non-Ionizing Radiation Protection ICNIRP[4] and was adopted into the European Norm for Mobile Radio Equipment EN 50360. The SAR of mobile phones is determined in accordance with the European Norm EN 50361. This involves measuring the maximum value in all frequency bands of the mobile phone with the phone transmitting at its highest power level. The actual SAR level of the phone during normal operation may 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 re-

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1 The World Health Organization (WHO, CH-1211 Geneva 27, Switzerland) states that present scientific information does not indicate the need for any special precautions for use of mobile phones. Further information:
**www.who.int/peh-emf,
www.mmfai.org,
www.my-siemens.com**.

2 The CE mark confirms that the product is in compliance with the legal requirements of the European Union as a prerequisite for the placing on the market and the free movement of goods within the European internal market.

3 averaged over 10 g body tissue.

4 International Commission on Non-Ionizing Radiation Protection
www.icnirp.de

quired to reach the network. In general, the closer you are to a base station, the lower the power output.

The highest SAR value for this model phone when tested for compliance against the norm is 0.67 W/kg[1].

The SAR information can also be found on the Siemens web site at **www.my-siemens.com**. While there may be differences between the SAR levels of various phones and at various positions, all Siemens products meet the legal requirements.

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1 SAR values may vary depending on national requirements and frequency bands. SAR information for different regions can be found at **www.my-siemens.com**.

SAR - International (ICNIRP)

INFORMATION ON RF EXPOSURE /SPECIFIC ABSORPTION RATE (SAR)

THIS MOBILE PHONE MEETS THE LIMITS FOR PROTECTION OF THE HEALTH OF THE PUBLIC FROM THE EFFECTS OF EXPOSURE TO ELECTROMAGNETIC FIELDS

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) energy recommended by international guidelines from the International Commission on Non-Ionizing Radiation Protection (ICNIRP). These limits are part of comprehensive guidelines for the protection of the public and establish permitted levels of RF energy for the population. The guidelines were confirmed by independent scientific organisations through periodic and thorough evaluation of scientific studies[1]. The limits include a sub-stantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure limit 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[2]. Tests for SAR are conducted in all frequency bands using standard operating positions with the phone transmitting at its highest power level. The actual SAR level of the phone during operation 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.

The highest SAR value for this model phone when tested for use at the ear is 0.67 W/kg[3].

SAR information can also be found at **www.my-siemens.com**. While there may be differences between the SAR levels of various phones and at

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1 The World Health Organization (WHO, CH-1211 Geneva 27, Switzerland) states that present scientific information does not indicate the need for any special precautions for use of mobile phones. Further information:
**www.who.int/peh-emf,
www.mmfai.org,
www.my-siemens.com**.

2 averaged over 10 g body tissue.

3 SAR values may vary depending on national requirements and frequency bands. SAR information for different regions can be found at **www.my-siemens.com**.

various positions, they all meet the international guidelines for safe RF exposure.

Further information:
www.who.int/peh-emf, **www.mmfai.org**, **www.my-siemens.com**.

Index