

**SIEMENS**  
**m**obile

Be inspired



Issued by  
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Siemens Aktiengesellschaft  
[www.my-siemens.com](http://www.my-siemens.com)

**MC60**

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This is a summarised version of the operating instructions.

The detailed version is available on the Internet at:

[www.my-siemens.com/mc60](http://www.my-siemens.com/mc60)

# 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 20cm 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 may be removed. Caution! Small parts like this could be swallowed by young children.



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



The ringtone (p. 39), info tones (p. 39) and handsfree talking are reproduced through the loudspeaker. Do not hold the phone to your ear when it rings or when you have switched on the handsfree function (p. 15). Otherwise you risk serious permanent damage to your hearing.



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.



Do not open the phone. Only the battery (100% mercury-free), front and back covers, keypad or SIM card may be replaced. You must not open the battery under any circumstances. Any other changes to this device are strictly prohibited, as they will invalidate the type approval required for operation of the unit.

**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

Displayed/selected phone number /name displayed, take calls. Show last phone numbers dialed in standby mode.

## ② On/Off/End key


- Switched off: hold **down** to switch on.
- During a conversation or in an application: press **briefly** to finish.
- In menus: **press** briefly to go back a level. **Hold** down to return to standby mode.
- In standby mode: hold **down** to switch off phone.

## ③ Control key top/bottom

In lists, messages and menus:


 scroll up and down.

During a call:

 Start adjusting the volume.


 Open Addressbook/Phonebook.

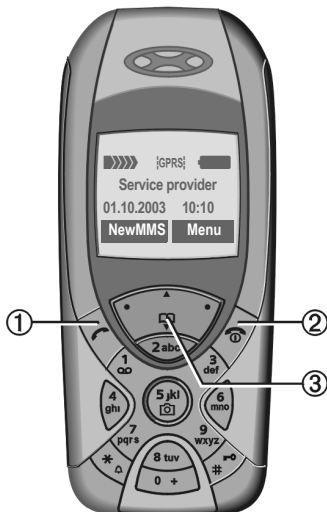
In standby mode:

 Voice control (hold down).

 Open Phonebook.

## ③ Control key left/right

The current functions of this key are shown in the bottom line of the display as **Text**/symbol ( e.g.,  ).



### ① Integrated antenna

Do not obstruct the phone above the battery cover unnecessarily. This reduces the signal quality.

### ② Loudspeaker

### ③ Display

### ④ Input keys

### ⑤ Camera

**Hold down** in standby mode:  
Start camera function (p. 27).

### ⑥ Ringtone

- **Hold down in standby mode:** switch all audible signals on/off (except alarm).
- **Hold down** on incoming call: switch off ringtone for this call only.

### ⑦ Key lock

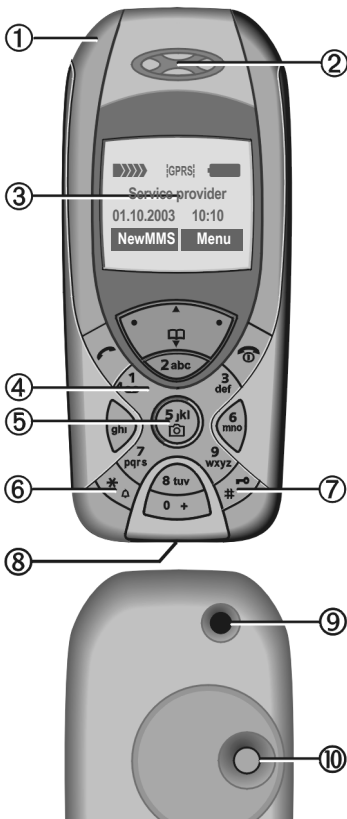
**Hold down** in standby mode: switch key lock on/off.

### ⑧ Plug socket

For charger, headset etc.

### ⑨ Socket for external antenna

### ⑩ Camera lens



# Display symbols

## Display symbols (selection)



Signal strength.



Charging.



Battery charge level, e.g. 50%.



Phonebook



Records



Surf &amp; Fun/Service provider portal



Organiser



Messages



Camera



Extras



File system



Settings



All calls are diverted.



Ringtone off.



Short ring (beep) only.



Ringtone only, if the caller is stored in the Phonebook.



Alarm set.



Alarm clock activated.



Keypad locked.



Message memory full.



No network access.

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.

WAP via GPRS online.

WAP no network.

Auto answer feature on.

## Organiser symbols (selection)



Memo



Call



Meeting



Birthday



Anniversary

## Access with left control key (selection)



Message received.



MMS received.



MMS notification received.



Voice message received.



Unanswered call.

Depending on the service provider, some of the symbols shown here may vary from those in the phone,

# 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. Please switch the phone off first:

## Assembling



## Dismantling



### Note

Your phone is supplied with a protective film applied to the display and the display cover of the front shell. **Remove this film before getting started.**

In rare cases the static discharge may cause discoloration at the edges of the display. However this will disappear within 10 minutes.

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

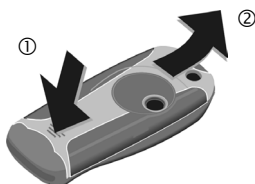




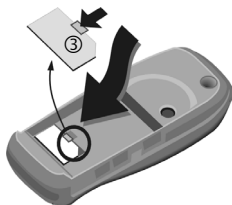
## Insert SIM card/battery

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

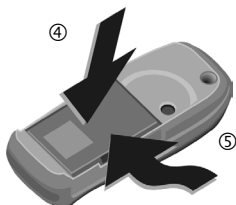
Press grooved area ①, then remove the cover forwards/upwards in the direction of the arrow ②.



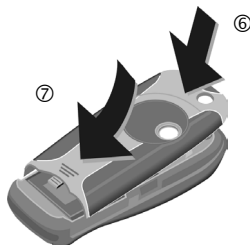
- Place the SIM card into the slot with the contact surface facing **downwards**. Gently push the holder tab over the SIM card ③ (ensure the bevelled corner is correctly positioned).



- Insert the battery sideways into the phone ④, then press downwards ⑤ until it engages.



- To remove, press the retaining tab on the side of the battery, then lift the battery out.
- Place cover on phone ⑥ and then push to the lower edge ⑦, until it clicks into place.



### Additional information

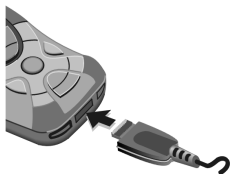
Please switch off your phone before removing the battery!

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

SIM card problems .....p. 52

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

### Charge icon not visible

If the battery has been discharged fully the charge icon is not immediately visible when the power supply unit is plugged in. It will appear after up to two hours. In this case the battery is fully charged after 3-4 hours.

### Only use the power supply unit supplied!

### 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 only displayed correctly after an uninterrupted charging/discharging cycle.

You should therefore **not remove the battery unnecessarily** and where possible **not terminate the charging process before completion**.

### Additional information

The power supply unit heats up when used for long periods. This is normal and not dangerous.

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

# Switch on, off / PIN entry

## Switch on/off



Hold **down** On/Off/End key.

## 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**.

**OK**

To confirm, press the right of the control key. Logging on to the network will take a few seconds.

### Additional information

Change PIN.....	p. 13
Clear SIM card barring .....	p. 13
Clock settings.....	p. 41

## Emergency number (SOS)

**Only to be used in real emergencies!**

By pressing the left side of the control key **SOS** you can make an emergency call on any network **without** a SIM card and without entering a PIN (not possible in all countries)

## Switching on your phone for the first time

### Time/date

Set the clock 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

Set the time zone for your area.



Select the required time zone from list ...

**Set**

... and set it.

## Signal strength



Strong reception signal.



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

# General instructions

## User guide

The following symbols are used to explain operation:



Enter numbers or letters.



On/Off/End key.



Call key.



Press control key (left/right).



Press control key (top/bottom).

**Menu**

Displays a function.



Function dependent on service provider, may require special registration.

## Without SIM card

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

**Menu**

The functions are displayed.

**SOS**

Emergency, SOS.

## Menu controls

The steps needed to reach a function are shown in a **condensed form** in this user guide.

For example,

To display call list for missed calls in condensed form:


**Menu** →  → **Calls missed**

This comprises the following steps:

**Menu**

Open main menu.



Select , then select the **Calls missed** function.

**Select**

Confirm.

## Standby mode

Very often function descriptions begin in standby mode.

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



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

# Standard functions

## Option menus

Menu functions are made available in options menus. A selection of functions that occur frequently is shown here.

**Options** Open menu.

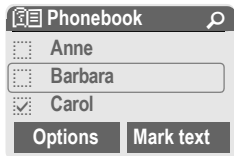
Edit	Open the entry to edit.
Capacity	Display available capacity.
View	Display entry.
Delete/ Delete all	Delete entry/delete all entries after confirmation.
New entry	Create new entry.
Send MMS	Send entry as MMS message.
Send	Dial number or select from the Phonebook, then send.
Save	Store entry.
Sort	Set sort criteria (alphabetical, type, time).
Text input (p. 18)	<b>T9 preferred:</b> Activate/deactivate T9 input. <b>Input language:</b> Select language for text.
Rename	Rename selected entry.

## Highlighting mode

With some applications (e.g. Phonebook) one or more entries in a list can be highlighted to perform multiple functions at once.

**Options** Open menu.

**Mark text** Activate highlighting mode.



If an **unmarked** entry is selected, this can be highlighted:

**Mark text** The current entry is highlighted.

If a **highlighted** entry is selected, the highlighting can be deleted:

**Unmark** Unmark the current entry.

Additional highlighting functions:

<b>Mark all</b>	Highlight all entries.
<b>Unmark all</b>	Delete highlighting on all marked entries.
<b>Delete marked</b>	All selected entries are deleted.

# Security

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

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.**

## Codes

### PIN control

You can stop the PIN prompt being activated when the phone is switched on, but you then risk unauthorised use of the phone.

**Select** Press, then enter PIN and confirm with **OK**.

**Change** Press and confirm with **OK**.

### Change PIN

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



**Enter current** PIN and confirm with **OK**.



**OK** **Enter** new PIN.



**OK** **Reenter** new PIN.

### Change PIN2

(Display only if PIN2 is available). Proceed as with **Change PIN**.

### Chg.phonecode

(Change phone code)

You define the phone code (4-8 digits) the first time you call up a protected function. It is then valid for all phone-code protected functions.

## 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.

## Preventing accidental activation

Even if PIN control is deactivated confirmation is required to switch on the phone. This prevents the phone from being switched on accidentally, e. g. when carried in a pocket or whilst you are on an aircraft.



Hold **down**, then confirm with **OK**. The phone switches on.

# Calling

## Dialling with number keys

The phone must be switched on (standby mode).



Enter number (always with area code/international dialling code).

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



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

## End call



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

## Set volume



Use the top of the control key to start adjusting the volume. Then press top/bottom to adjust the volume as required (only possible during a conversation).

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

## Redial

To redial numbers that were dialled previously:



Press the Call key once.



Pick out the required phone number from the list, then to dial ...



Press ...

## If the number is busy

### Auto. redial

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

Or

### Call back



**Call back** Press. Your phone rings when the busy number is free.

### Reminder

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

### International dialling codes



Hold **down** until a "+" is displayed.



Press and select country.

## Accept call

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

**Answer** Press.

Or



Press.

A phone number transmitted by the network is displayed or the corresponding name if it is contained in the Phonebook (p. 22). A picture may also appear (settings p. 23).

## Reject call

**Reject** Press. To divert call, see p. 40.

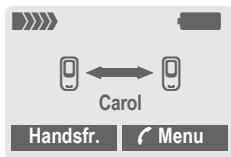
Or



Press **briefly**.

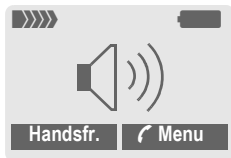
## Handsfree

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



**Handsfr.** Activate handsfree talking.

**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.**

**Menu** Call menu .....p. 17

### Warning!

Please make sure you have accepted the call before holding the phone to your ear. This will avoid damage to your hearing from loud ringtones.

### Additional information

Missed calls.....	p. 26
Accept call using any key .....	p. 40
Switch off ringtone.....	p. 39



## Swapping calls



- You can call another number during a call.

**menu** Open call menu

**Hold** Put current call on hold.

Now dial the new phone number.  
When the new connection is established:

**menu** Open call menu

**Swap** Swap back and forth between both calls.

- You are advised during a call that there is another call waiting by a special "call waiting" tone (p. 40).

**Swap** Accept the waiting call and put the current call on hold. To swap between the two calls, see above.

Or



End the current call.

**Answer** Accept new call.

## Conference



- Call up to 5 parties and link them together in a conference call.  
When a call is established:

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



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

**menu** ...open 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. 16)
Microphone on	If the microphone is switched off the person on the other end of the line cannot hear you (muting). Also: Hold  <b>down</b> .
Handsfree	(p. 15)
Volume	Adjust handset volume.
Conference	(p. 16)
Durat/charges	Display call duration and (if set, p. 26) costs accruing during the call.
Send DTMF	Enter numbers, e.g., for remote access to an automatic answering machine.
Call transfer 	The original call is joined to the second one. For you, both calls are now ended.
Main menu	Access to main menu.
Call status	List all held and active calls (e.g. conference call participants).

## Babysitter

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

### Switch on

**Menu** →  → Security  
→ Babysitter

**Select** Press.



Enter phone code.

The phone code (4- to 8-digits) is set by you and entered at the first security setting.

**Please note this code down** (see also p. 13).

**OK** Confirm input.

**Change** Press.



Select phone number from Phonebook (p. 22) or enter new number.

**OK** Confirm "On".

### Apply

To dial, hold **down** the right of the control key.

### Switch off



Press **down**.



Enter phone code.

**OK** Confirm input.

**Change** Press.

**OK** Confirm "Off".

# Text entry

## Text entry without T9

Press number key repeatedly until the required letter appears. After a brief interval the cursor will advance. Example:



Press **once briefly** to type the letter **a**, twice to type **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 shown in top line of display.

**Hold down:** All input modes are displayed.



**Press briefly:** Special characters are shown.

**Hold down:** Open input menu.



**Press once/repeatedly:**

.,?!' " 0 - ( ) @ / : \_



**Hold down:** Writes 0.

Writes blank. Press twice = jumps a line.

## Special characters



Press **briefly**. The symbols chart is displayed:

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

1) Line break



Navigate to characters.

**Select**

Press.

## Input menu

With text input:



Press **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.

**Text 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.

**Text input** Select.

**Input language**

Select.


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

## Write 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 type



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 information



Set a full stop. A word is concluded if it is followed by a space. Within a word, a full stop represents an apostrophe or hyphen:

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



Go to the right. Ends a word.



**Press briefly:** Swap between: **abc**, **Abc**, **T9abc**, **T9Abc**, **123**. Status shown in top line of display.

**Hold down:** All input modes are displayed.



**Press briefly:** Select special characters (p. 18).

**Hold down:** Open input menu (p. 18).

## T9 word suggestions

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

The word must be **highlighted**. Then press

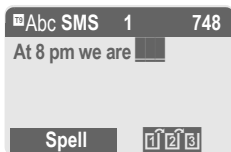


again. The displayed word is replaced with a different word. If this word is also incorrect, press



again. Repeat until the correct word is displayed.

If the word you want is not in the dictionary, it can also be written without T9.



To add a word to the dictionary:

**Spell** Select.

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

## Correct a word

Words written **with** T9:



Move left or right, word by word, until the required word is **highlighted**.



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** written with T9:



Move letter by letter to the left/right.

**Clear**

Deletes the letter to the left of the cursor.



Letters are inserted at the cursor position.

### Additional information

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

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

## Text modules

Text modules can be stored in the phone for adding to your messages (SMS, MMS).

### Write text modules

**Menu** →  → Text modules

**Options** Select **New text**.



Write text module.

**Options** Select **Save**.

Accept the default name or give it a new name, then save with **OK**.

### Use text modules



Write message (SMS, MMS).

**Options** Open text menu.



Select **Text modules**.



Select text module from the list.

**Select** Confirm. The text module is displayed.

**OK** Confirm. The text module is inserted in the message to the right of the cursor.

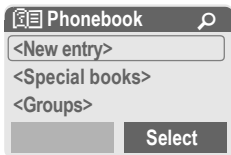
# Phonebook

Enter frequently used phone numbers in the Phonebook with a special name. If a phone number is stored with a name, it appears on the display when you are called. You can assign important phone numbers to different groups.

## <New entry>



Open Phonebook (in standby mode).



### Select

Display input fields.



Select input fields.



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

### Number:

Always enter phone number with dialling code. An entry is not saved without a phone number.

### Name:

Enter first and/or last names.

### E-Mail:

Enter e-mail address for MMS (up to 50 addresses).

### Group:

Default: **No group**

### Change

Entries can be organised by groups (p. 25) e.g.: Family, Friends, Office, VIP...

### Location:

Default: **SIM**



Specify where to save the group: **Mobile, SIM, Protected SIM** (p. 24).

### Record no.:

Each entry is automatically assigned a record number. You can also dial using the record number (p. 23).



Change the record number.

### Save

Press to store the new entry.


### Additional information


Entries are not saved without phone numbers.


**+List** International dialling code.....p. 14

Text entry .....p. 18

## 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 Phonebook.

 Enter record number.


 Press.

 Press.

## Change entry

 Select entry in Phonebook.

**Options** Press and select **Edit**.

 Select input field required.

 Make change.

**Save** Press.

## Phonebook options

The following functions are available, depending on the current situation. Special functions:

**Options** Open menu.

**Voicedialling** Record or change voice dialling for an entry. (p. 24).


**Picture** Assign a picture to a Phonebook entry.

**Send SMS...** Send as a Phonebook entry or text.

(For standard functions see p. 12)

## Assign picture

Assign a specific picture or photo to Phonebook entries. This picture will appear in the display when there is a call from this number.

 Open Phonebook and select an entry.

**Options** Open menu and select **Picture**. Select a picture.

**Select** The picture is displayed.

**Select** The picture is assigned to the phone number. It appears with a 😊 symbol in the Phonebook.



## <Special books>



Open Phonebook (in standby mode).

### <Special books>

Select

## <Own numbers>

Enter "own" phone numbers in Phonebook (e.g., fax) for information.

## <Service numb.>/ <Info numbers>

There might be phone numbers saved in your Phonebook that have been provided by your service provider.

## <SIM phonebook>

Entries stored in the Phonebook on the SIM card can also be used on other GSM phones.

## <Protected SIM>



On special SIM cards, phone numbers can be stored in a protected location. PIN2 is required for editing (p. 13).

See also function **Only** (p. 43).

## <Mobile>

Phonebook entries are stored in the phone memory when the SIM card memory is full.

## Voicedialling

You can dial numbers by voice command. Up to 20 voice recordings can be saved in the phone for voice dialling or voice commands (not on SIM card).

## Make a recording



Open Phonebook.



Select entry.



Open menu.

## Voicedialling

Select.



Start recording.

A short signal sounds. Now say the name and **repeat** it when prompted by a beep. A further beep confirms the recording, which is saved automatically.



Identification of entries in the Phonebook that have voice dialling.

## Apply voice dialling



Press **down** (in standby mode).

Now state the name; the number is dialled.

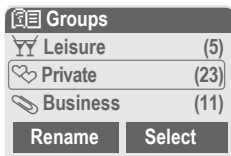
## Groups

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



Open Phonebook (in standby mode).

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



Select group.

**Select** Open group.

### <New entry>

- Insert an entry from the Phonebook.



Open Phonebook.



Select entry.

**Select** Copy entry to the group.

- Create new entry.

**Select** Create a new Phonebook entry (the selected group is the default).

## Change group name

**Rename** Select and enter a new name.

### Additional information

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

SMS to group.....p. 31

## Ringtone for group

Assign a ringtone to a group that plays when one of its members calls you.

**Menu** → → Audio  
 → Ringtones  
 → Incoming calls  
 → Group calls



Select group.

**Select** Confirm.



Select ringtone.

**Select** Confirm.

# Records, Durat/charges

## Records

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

**Menu** → 

**Select** Press.



Select call list and press

**Select**.



Select phone number.




Dial phone number.

### Calls missed



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

 Symbol for a missed call.

### 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

**Options** Edit entries.

## Durat/charges

You can display the charges and the duration of calls and set a unit limit for outgoing calls.

**Menu** →  → Durat/charges

Select a function:

Last call, All outg. calls, All incoming, Remain. units

**Select** Display data.

**Reset** Clear display.

**OK** End display.

## Charge settings

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

**Conv.** (PIN2 prompt).



Currency for charge display.

**Personal rate** (PIN2 prompt).



Charges per unit/period.

**A/c limit** (PIN2 prompt).



Fix a credit/usage period on a special SIM card.

### Auto display

Display duration and charge automatically at end of each call.

# Camera

Photos you have taken with the integrated camera may be viewed, saved,

- used as wallpaper, startup and shutdown animation and screensaver, and
- sent as an MMS message.

## Switch on

**Menu** → 

Or



**Hold down** (in standby mode).

## Shot

The current (preview) image is displayed.

At the top left of the display, information on the brightness setting for the shot is shown, and on the right the number of shots possible at the selected resolution. The number of possible shots also depends on the size of the image (required memory space).

A shot (especially at high resolution) requires a few seconds to be processed and saved.



Setting the brightness.



Press to take a photo.

Or

**Photo**

As the shot is taken, you will hear an advisory tone. The photo is saved automatically with a time stamp as its name (to change the name, p. 28).

**After taking the photo:**

**View pic.** View shot.

**Delete** Delete shot.

## Shot options

**Options** Open menu.

**View pictures** The saved photos are displayed on the phone at a resolution of 101 x 80 pixels. To display them at a higher picture quality (See Picture quality below), you must transfer them to PC.

**Picture quality** Setting the picture quality (pixel resolution).  
 Prem. 352x288 (CIF).  
 High 320x240 (QVGA).  
 Med. 176x144 (QCIF).  
 Low 160x120 (QQVGA).

**Brightness** Set with: 

White balance	Automatic, Indoor, Outdoor Set with: 
Info	Displays help text

## Photo album

**Options** Open menu.

### View pictures

Select.



Scroll through photos taken.


## Photo options

You can


- use the displayed photo as wallpaper, startup and shutdown animation and screensaver, and
- send it as an MMS message.

**Options** Open menu.

**Send MMS** Send photo as MMS (p. 32).

**Send to Album**  Save the photo in the personal album your service provider makes available for you on the Internet.

The provision and description of this facility depends on your service provider.

**Full screen** Switch to full screen mode. Also with 

**Zoom** Enlarge image section. Navigation using  and .

**Set as...** Use current photo as wallpaper, startup or shutdown animation or screensaver.

**Attributes** Information about picture quality.

**File system** Open to select saved photos.

**Rename** Give the photo a new name.

(For standard functions see p. 12)

### Additional notes

If Please wait appears in the display, the telephone's memory is being reorganised to make the most efficient use of the storage capacity. This operation may take longer than a minute.

# Voicemail/CB services

**Menu** →  → Setup  
→ Voice message

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

- 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. 40).

You may have to register for this service with the service provider and enter the settings manually.

## Settings

The service provider supplies you with two phone numbers:

### Save mailbox number


Call this phone number to listen to the voice messages left for you.

**Menu** →  → Setup  
→ Voice message

Enter mailbox number and confirm with **OK**.

### Save call divert number



Calls are diverted to this phone number (see also p. 40).

**Menu** →  → Phone setup  
→ Divert  
→ e. g., Unanswered → Set

Dial divert number and register it at the network with **OK**. Divert will be confirmed after a few seconds (see also p. 40).

## Listening to message

A new voice message can be announced as follows:

An  icon with beep or  a text message announces a new voice mail or you receive a call with an automatic announcement. Dial into your mailbox and listen to your message(s).



Hold **down** (if necessary enter mailbox number once only). Confirm with **OK** and **Mailbox** depending on your service provider.

## CB services

**Menu** →  → Setup  
→ CB services

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

# 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. 34).

## Writing and sending text messages (SMS)

**Menu** →  → New SMS



Write text (Text entry with T9, p. 19).

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



Press.



Dial number or select from the Phonebook.

**OK**

Confirm. The SMS is sent to the service centre for transmission.

## Text options

**Options** Open text menu

Save	Save composed text in draft list.
Picture&sound	Add pictures, animations and sounds into message (see following text).
Text modules	Insert text module (p. 21).
Format	Line feed Small font, Medium font, Large font Underline Def. alignment, Left, Right, Centre Mark text (highlight text using control key)
Clear text	Delete the whole text.
Insert from...	Insert entry from Phonebook.
Send via ...	Select an SMS profile for transmission (p. 34).

(For standard functions see p. 12)

## Special functions

**Options** Open menu.

### SMS to group

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

**Send** Select.

**Group** The list of groups is displayed. Select and open group, select group members and send SMS.

### Picture&sound

Insert pictures and sounds into message.

#### Picture&sound

Select.

The menu contains:

Fix animations, Fix sounds,  
Own anim., Own pictures,  
Own sounds



Select area, then select the required entry and confirm.

#### Additional information

Insert special characters ..... p. 18

SMS profile ..... p. 34

## Receive/read SMS



Arrival of new SMS announced on display. To read the SMS press the left control key.




Scroll through message line by line.



Function for replying directly.

Other functions for editing SMS can be found under **Options**.

## SMS archive

**Menu** →  → SMS archive

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



# 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.

**Menu** →  → New MMS

### Input fields:

**To:**   Phone number/e-mail address of recipient(s).

**Subject:** Enter MMS heading (up to 40 characters).

**Picture:** Press **Insert** again. The picture list is opened for selection.

### Additional information

You can also easily send an image by MMS immediately after taking it with the camera (p. 27)

**Text:** Press **Edit** again. Write text with the help of T9.

**Sound:** Press **Insert** again.

**File system** You can now select a stored melody (see also p. 51).

**New sound:** Record new tones, for sending by MMS only (see below).

### Slide duration:

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

### New recording

The phone records via its microphone.

**Record** Start recording. The current recording duration and available time remaining are displayed.

**Stop** End recording.

**Play** Replay recording.

**Save** Save. To give the recording its own name, the description **Clear**.

**OK** Save.

## Attach extra pages

**Options** Open menu.

**New slide** Select.

## Attach business card

**Options** Open menu.

**Extras** Select.



Scroll to **Businesscard**.



Attach business card.

## Attach appointment

**Options** Open menu.

**Extras** Select.



Scroll to **Appointment**.



Import appointment from calendar.

## Send MMS

**Options** Open menu.

**Send** Select.

## Receive/read MMS



Indicates Receipt/notification of an MMS. Press the left control key to read the MMS or notification.

Depending on the setting, (p. 34) the

- complete MMS is received
- or the notification is opened. Press **Receiving** to receive the complete MMS, with **Play** automatic presentation of the MMS. Cancel using any key.
- Open attachments using **Options** and **Attachments** .
- Open images and tones using **Options** and **Content**.

Other functions for editing MMS can be found under **Options** .

# Message lists/settings

All SMS and MMS messages are saved in four different lists:

## Inbox

**Menu** →  → Inbox → MMS/SMS

The list of SMS and MMS messages and notifications received is displayed. To receive an MMS subsequently, open notification and press **Receiving**.

## Draft

**Menu** →  → Draft → MMS/SMS

The list of stored drafts is displayed.

## Unsent

**Menu** →  → Unsent  
→ MMS/SMS

The list of MMS messages not yet successfully sent or not yet completely sent concatenated SMS messages is displayed.

## Sent

**Menu** →  → Sent → MMS/SMS

The list of sent SMS or MMS messages is displayed.

## SMS profiles, MMS profiles

**Menu** →  → Setup → SMS/MMS

Profiles have to be created for SMS and MMS. The transmission characteristics are defined in these. The data for these may already have been entered. If not, you can obtain this from your service provider. Additional information is available in the comprehensive operating instructions on the Internet at:


[www.my-siemens.com/mc60](http://www.my-siemens.com/mc60)

# Surf & fun

## Internet browser (WAP)

Get the latest information from the Internet that is specifically adapted to the display options of your phone. In addition, you can download games and applications to your phone.

### Note

Depending on your service provider, you may have direct access to its portal instead of the Surf&Fun menu option. Contact your service provider for details of the services offered on the portal. In this case, you will find the **Internet** and **Games & more** menu options in the  **Extras**, p. 47 menu.

## Internet access



**Menu** →  → Internet

The browser is activated as soon as you call up the function. If necessary, configure how WAP access should be established (see **browser menu**, **Setup**, **Start with...**).



Select the function from the start menu.

**Select**

Confirm.

## End connection



Hold **down** to terminate the connection and close the browser.

### Additional information



Browser menu.



Offline / Online.



GPRS Online.



No network.



Select special characters, such as @, ~, \, see p. 18.



Press repeatedly for:  
., ? ! ' " 0 - ( ) @ / : \_

## WAP profiles

**Menu** →  → Internet → Profiles

### Activate WAP profile

You can change the current profile each time you access the Internet.



Select profile.

**Select**

Activate. The current profile is selected.

### Set WAP profile

Up to 5 WAP profiles can be configured (may be barred by your provider). The entries may vary depending on the service provider:



Select profile.

**Edit**

Open to configure, then fill in the data fields.

To select the connection profile, see **Data services**, p. 42.

## Games & more

Download games and other applications. Once you have selected a game or application you can start to download it. Then you can use the application. Applications and games can be found at: [wap.my-siemens.com](http://wap.my-siemens.com) or on the Internet under [www.my-siemens.com/city](http://www.my-siemens.com/city)

### Games and applications

Stored applications and links are found in the folder:

**Menu** →  → **Games & more**

Different functions are available depending on which entry is highlighted:

★ **Use game/application offline**

**Select** Application ready to run immediately.

★ **Load game/application online**

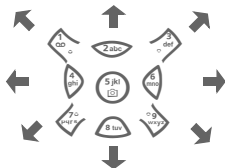
**Select** Just descriptive file; application yet to be loaded.

 **Load link (optional)**

**Internet** The selected Internet page is loaded.

You can use WAP to download applications (e.g. ringtones, games, images, animations) 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 any software 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 this application. 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 such cases, the buyer is required to download or release the application again. Please ensure that your phone has Digital Rights Management (DRM) so that individual applications downloaded via WAP are protected from unauthorised reproduction. These applications are then exclusively intended for your phone and cannot be transferred from this even to create a backup. Siemens does not warranty, guarantee or accept any liability for the customer's ability to download or enable applications again or to do so free of charge. Where technically possible, back up your applications to PC using the Siemens Data Exchange Software (to download from the Internet: [www.my-siemens.com/mc60](http://www.my-siemens.com/mc60)).

Useful for many games (Virtual Joystick):



# Setup

## 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 standard profiles are provided with default settings. They can be changed however:

Normal envi., Quiet environ., Noisy environ., Car Kit, Headset

- You can set two personal profiles (<Name>).
- The special profile **Aircraft mode** cannot be changed.

**Menu** →  → Profiles

### Switch on



Select default profile or personal profile.

**Select** Switch on profile.

### Setup



Select profile.

**Options** Open menu, then select **Change sett.** . The list of available functions is displayed.

## Car Kit

If a Siemens original Car Kit is used the profile is activated automatically as soon as the phone is inserted into the cradle (p. 44).

## Headset

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

## Aircraft mode

All alarms (appointments, alarm clock) are deactivated. This profile **cannot be modified**. The phone will switch off automatically if you select this profile.

### Switch on



**Select** Scroll to **Aircraft mode** .  
Switch on profile.  
A security prompt must be confirmed. The phone switches itself off automatically.

### Normal mode


When you switch on your phone again, the previously set profile will be reactivated automatically.

## Display

**Menu** →  → Display  
→ Select function.

### Language

Set the language of the display text. 'Automatic' will set the language of your home service provider. To return to this language in standby mode:

\*#0000# 

### Text input

See also p. 19.

#### T9 preferred

Activate/deactivate intelligent text entry.

#### Input language

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

### Wallpaper

Set wallpaper graphic for display.

### Logo

Choose picture to be displayed instead of the provider logo.

### Colour scheme

Select colour scheme for the entire user interface

## Screensaver

The screensaver shows a picture in the display when a period set by you has elapsed. The function is ended by an incoming call or by pressing any key. Other screensavers:

[www.my-siemens.com/screensaver](http://www.my-siemens.com/screensaver)

### Start up anim.

Shown when the phone is switched on. Additional animations:

[www.my-siemens.com/animations](http://www.my-siemens.com/animations)

### Shutdn anim.

Shown when the phone is switched off.

### Own greeting

Enter greeting to be displayed when phone is switched on.

### Big letters

You can choose between two font sizes for the display.

### Illumination

Set display light brighter/darker.

### Contrast

Set display contrast.

## Audio

**Menu** →  → **Audio**  
→ Select function.

You can set the tones to suit your needs.

### Ringer setting

Activate/deactivate the ringtone or reduce it to a short beep.

### Silent alert

Activate/deactivate the silent alert (functions in addition to ringtone). The silent alert is activated if the highest volume is set for the ringtone. This is to remind you **not to hold the phone to your ear when ringing** in order to avoid damaging your hearing.

### Volume

Set different volumes for types of call/functions.

#### Warning!

Please make sure you have accepted the call before holding the phone to your ear. This will avoid damage to your hearing from loud ringtones.

### Ring tones

Set the ringtones for call types/functions separately or record a new ringtone.

Additional ringtones:

[www.my-siemens.com/ringtones](http://www.my-siemens.com/ringtones)

## Call screening



Only calls from numbers that are in the Phonebook or in a predefined group are signalled. Other calls are only displayed. If you do not accept these calls, they are diverted to your mailbox (if set, p. 40).



Screen display in standby mode:  
call screening is activated.

### Key tones

You can set the type of acoustic key tone:

Click or Tone or Silent

### Minute beep

During the call, you will hear a beep once a minute as a reminder.

### Info tones

Set service and alarm tones.




## Keys

**Menu** →  → Keys  
→ Select function.

### Any to answer

Incoming calls can be accepted by pressing any key

(except for ).

### Auto key lock

If activated, the keypad is locked automatically if no key has been pressed for one minute in standby mode. This prevents the phone from being used accidentally. However, you can still be called and you can still make an emergency call.

#### Additional information

The keypad can also be directly locked and unlocked in idle state.

In each case:



Hold **down** .

### Key tones

You can set the type of acoustic key tone:

Click or Tone or Silent

## Phone setup

**Menu** →  → Phone setup  
→ Select function.

### 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. 16).

### Hide ID

If activated, your phone number will not appear on the other party's display (depending on your service providers).

### Divert

You can specify when calls should be diverted to your mailbox or other numbers.

#### Set up call divert (example):

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

#### Unanswered



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

**Select** Press and select **Set** .



Enter the phone number to which the caller will be diverted (if not already entered).

**OK**

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

**All calls**

All calls are diverted.



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

Other possibilities for divert:

**Not reachable, No reply, Busy, Receiving fax, Receiving data**

**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**

All set divers are cleared.

**Fact. settings**

Reset phone to default values (factory setting).

**File system**

Format the file system (p. 51) (**Format**) and delete (not Phonebook) or defragment **all** stored data (**Clean up**).

**Phone identity**

Display the phone identity number (IMEI) and software version.

**Auto off**

The phone switches off each day at the set time.

**Clock**

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

**Time/date**

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

**Change** First enter the date, then the time.

**Additional information**

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

**Time zones**

Set the time zone for where you currently are .

## Date format

DD.MM.YYYY or MM/DD/YYYY

## Time format

Select 24h or 12h.

## Show clock

Activate/deactivate time display in standby mode.

## Buddhist year

Switch to the Buddhist year (not on all phone models).

## Connectivity

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

## GPRS

**Yes / No** Switch GPRS function on/off.



## GPRS info

Display information on the connectivity status.

## Authentication

**Change** Activate or deactivate encrypted WAP dial-up (CSD connections only).

## Data services

For the **MMS**, **WAP** and **HTTP** applications at least one connection profile must be set up and activated.

Preparation of the phone depends on each service provider:

- The settings have already been implemented by the provider. You can start immediately.
- Access profiles have already been created by your provider. Then select and activate profile.
- The access profiles must be configured manually.

If necessary, check with your service provider for details. Current settings for each service provider may be found in the Internet under [www.my-siemens.com/customercare](http://www.my-siemens.com/customercare) in the FAQ section.



Select profile.

**Options** Open menu, then select **Change sett.**

If necessary enter **CSD settings** and **GPRS settings** (your service provider will supply you with information on this if necessary):

**Options** Open, select **Change sett.** → **Edit** and enter data.

**Save** Save settings.

## HTTP profile



Select profile.

## Fax/data mod.

### Rec fax/data



The call will be signalled by a special ringtone (fax or data). Now start the communication program in your PC to receive the fax/data.

### Send vce/fax



To switch from voice mode to fax mode, set the function on the phone **before** transmission.

### Voice/fax rec

After starting the PC communication program, activate the function **during** a call.

### End transmission

End transmission with PC software and/or press .

## Security

### Menu



→ Security

→ Select function.

## Codes

**PIN control, Change PIN, Change PIN2, Chg.phonecode**, (p. 13).

## Babysitter

(Phone-code protected)

Only **one** phone number can be dialled (p. 17).

## Only



Restrict calls to SIM-protected numbers in the Phonebook.

## Last 10 only



Restrict calls to the list of 'dialled numbers (p. 26).

## This SIM only



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

## Barrings



Network barring restricts the use of your SIM card.

**All outgoing:** Outgoing calls, except emergency numbers, are barred.

**Outgo internat:** Only national calls can be made.

**Out.int.x home:** International calls are not permitted apart from calls to your home country.

**All incoming:** The phone is barred for all incoming calls.

**When roaming:** You will not receive calls when outside your home network.

**Status check:** Status check for network barring

**Clear all:** Clear all barrings.

## Network

**Menu** →  → Network  
→ Select function

### Line



To select/bar a telephone number, **two independent** telephone numbers have to be registered.

### Network info

The list of GSM networks currently available is displayed.

### Choose network

Network search is restarted.

### Auto network

If activated, the next network is dialed in the order of your "preferred networks".

### Pref. network

Set the service providers you prefer when you leave your home network.

### Band selection



Select either GSM 900, GSM 1800 or GSM 1900.

### Fast search

Network reconnection is speeded up.

## User group



Depending on service provider, you can create groups with this service. These can have access to internal (company) information, for example, or special tariffs apply. Please check with your service provider for details.

## Accessories

**Menu** →  → Accessories  
→ Select function.

### Car Kit

#### Auto answer

Calls are accepted automatically after a few seconds.

#### Auto off

You can adjust the time between switching off the ignition and switching off the phone.

#### Car loudspk.

Improves playback in certain circumstances.

### Headset

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

#### Auto answer

Calls are accepted automatically after a few seconds.

# Organiser

## Calendar

**Menu** →  → Calendar

You can enter appointments in the calendar. Time and date must be set for the calendar to work correctly (p. 41).



**Press** briefly to page between days, **hold** down to page between months. Appointments exist on calendar days displayed in bold.

## Agenda

**Agenda** Call up from the monthly overview.

Appointments for each individual day are shown in the agenda in chronological order.

## Alarm

**Menu** →  → Alarm

All appointment entries are displayed in chronological order.

## Enter new appointment

**Select** Press.

**Type:**

**Change** Press repeatedly to select the required type:



**Memo.**

Text input for description



**Call.**

Enter phone number.

Shown with alarm.



**Meeting.**

Text input for description



**Birthday**

or



**Anniversary**

Enter name and date.



Then make further entries field by field.

**Description:**

Description of appointment.

**Date:**

Date of appointment.

**Time:**

Time of appointment.

**Alarm:**



Activate alarm.



Enter start time of the alarm **before** the appointment, then select with

**Change**

Minutes, Hours, Days.

**Reoccurrence:**

Select a timeframe for repeating the appointment: **No, Daily, Weekly, Monthly, Annual.**

Enter a parameter for repeating: **Forever, Until, Occurrences** (number)

If **Weekly** is selected, certain weekdays can be highlighted.

**Alarm**

When the set date and time are reached there is an audio and a visual alarm.

Alarm type **Memo/Meeting**: the text is shown in the display.

Alarm type **Call**: The phone number is displayed and can be dialled immediately.

Alarm type **Birthday** and **Anniversary**: you will be notified one day before the event and on the birthday/anniversary itself.

**Pause** The alarm stops for 5 minutes.

**Off** The alarm is stopped.

**Notes**

T9 support (p. 19) makes writing short notes such as shopping lists easier. Save confidential notes with the phone code (p. 13). Please note that with the aid of suitable programs it is possible for confidential notes to be read from the phone when connected to a PC.

**Missed appointments**

Events with an alarm to which you have not reacted are listed for reading.

**Time zones**

Set the time zone for your area.

**Calend. setup**

**Menu** →  → **Calend. setup**

**Begin of week**

You can set which weekday is listed first on the left in the monthly and weekly overviews.

**Additional information**

Alarms set are shown in the display as follows:

(🕒) Alarm clock, (🔔) Appointments.

An alarm sounds even when the phone is switched off. To deactivate it press any key.

Set alarm tone ..... p. 39

Clock ..... p. 41

# Extras

**Menu** →  → Select function.

## Note

Depending on your service provider, the Extras menu may also include Internet and Games & more. See the Surf & fun (p. 35) column for further functions.

## Alarm clock

**Menu** →  → Alarm clock

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

**On / Off** Switch on/off.

## Setting

**Change** Display options: alarm time and days.



Navigate to the days.

**Change** Set days for alarm calls, then **OK**.

## Calculator

**Menu** →  → Calculator



Enter number (up to 8 digits).

**. = + - \* /** Select calculator function.



Result is displayed.

## Calculator functions

**. = + - \* /** Press right control key repeatedly.

**±** Toggle between "+" and "-".

**%** Convert to percentage.

**↓, ↑** Save/retrieve number.

**e** Exponent (max. two digits).

Special key:



Set decimal point.

## Currency conv

**Menu** →  → Currency conv

Calculate the exchange rates. You can enter three currencies. If no currency has yet been entered, press **OK** for first input.

**Options** Open menu.

**New entry** Select.



Enter names for the currencies and confirm with **OK**.



Enter exchange rate. Save with **Options** and **OK**.

Select a combination of currencies to convert.

**Select** Confirm and enter amount.




Result is displayed.

**Repeat** Another conversion using different data.



## Stopwatch

**Menu** →  → Stopwatch

Two intermediate times can be recorded and saved.



Start/stop.




Intermediate time.

**Start** Start stopwatch.

**Reset** Reset.

## Countdown

**Menu** →  → Countdown

A set time elapses. The last 3 seconds are indicated by a beep. At the end a special beep sounds.

**Set** Set period of time.

**Start** Start counter.

**Stop** Interrupt counter.

**Change** Change period of time.

**Reset** Set to start time.

## Voice command

**Menu** →  → Voice command

Functions can be started by a voice command. Up to 20 voice recordings can be saved in the phone for voice dialling or voice commands (not on SIM card!).

### Record

A list of the available functions is displayed.



Select a function.

**Record** Press.

**Yes** Confirm selected function.

**Start** Start recording.

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

### Apply



Press **down** (in standby mode).

A short signal (beep) sounds and a prompt appears in the display. Now say the function.

Noisy environments may affect voice recognition.

## New ringtone

**Menu** →  → New ringtone

You can use the phone's microphone to record tones and sounds and then use these as ringtones (see also p. 39).

**Record** Start recording.  
The current recording duration and available time remaining are displayed.

**Stop** End recording.

**Save** Enter the name of the new ringtone.

**Save** Save.

After that, you can replay the recording or assign it to an event using **Options**.

### Note

If a call is accepted during recording, the recording is aborted.

## SIM services (optional)

**Menu** →  → SIM services

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 a 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.

# Fast access key/My menu

## Control key (left)

Assign a function/phone number to this key. With some service providers, this key takes you directly to their Internet portal.

### Change (example)

**New SMS** Press **briefly**.

**Change** Pick out the application, e.g., **Internet**.  
**Phone number:** Select from Phonebook.

**Select** Confirm setting.

### Apply (example)

Key with a phone number/name assigned.

**Carola** Press **down**.

## Speed dialling keys

Only possible on keys 2 to 9. Number key 1 is reserved for the mailbox.

### Change (example)



Press an unassigned number key (2 - 9):

**Set** Select the application.  
**Phone number:** Pick out from Phonebook.  
**Bookmarks:** Scroll to a URL in your bookmarks list

**Select** Confirm setting.

### Apply (example)



Hold key **down**.

## My menu

**Menu** Press.

**My menu** Press.

Set up your own menu. The list of 10 entries is preset, but can be changed.

### Change menu



Select the entry to be changed.

**Options** Open menu.

### Change sett.

Select. The selection list is opened. Select the new entry.

For a function such as **Calendar**:

**Set** Confirm.

For **Phonebook** also select the phone number or for **Internet** the bookmark.

**Select** Confirm.

If you have selected a phone number as a new entry, this can be called directly from the **My menu**. When selecting a bookmark, the link to that Internet address is established.

### Reset all

**Options** Press and select **Reset all**.

The default entries are reset.

# File system

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



A list of the folders and files is displayed.

Navigate through this list using the control key:



scroll up and down.



Go back from folder.



Open folder or execute file with related application

or

for unknown file types:



Mark file.

## Index structure

The file system assigns special folders to different data types.



<b>Colour scheme</b>	Colour schemes	*.col
<b>Data in-box</b>	Inbox	**
<b>Internet</b>	Internet files	*.dat
<b>Java</b>	Applications. Data.	*.jad *.jar
<b>Misc</b>	Other files	**
<b>Pictures</b>	Pictures and animations Sub-folder: Camera Own photos	*.bmx (anim) *.bmp *.png *.gif *.jpg
<b>SMS Archive</b>	Sub-folders: Inbox: Incoming mail Draft: Drafts Unsent: Unsent SMS Sent: Sent SMS	*.smo *.smi
<b>Sounds</b>	Ringtones, tones	*.mid *.srt *.amr *.wav (Intel DVI)
<b>Text modules</b>	Text modules	*.tmo

Depending on the service provider the file system's structure, content and functionality may vary.


# Questions & Answers

If you have any questions on the use of your phone, you can contact us at [www.my-siemens.com/customer-care](http://www.my-siemens.com/customer-care) around the clock. As further help we have listed below some frequently asked questions and answers.

Problem	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"	
Too little standby time.	Frequent use of organiser and games.	Restrict use if necessary.
	Fast search activated.	Deactivate fast search (p. 44).
	Display illumination on.	Switch off display illumination (p. 38).
	Unintentional keystrokes (illumination!).	Activate key lock (p. 40).
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 for a while, then recharge.
	Contact problem.	Check power supply and connection to the phone. Check battery contacts and plug socket, clean them if necessary, then insert battery again.
	No mains voltage.	Use different mains power socket, check mains voltage.
	Wrong charger. Battery faulty.	Only use original Siemens accessories. Replace battery.
SIM error.	SIM card not inserted correctly.	Check that the SIM card is inserted correctly (p. 8).
	Dirty SIM card contacts.	Clean SIM card with a dry cloth.
	SIM card with wrong voltage.	Use 3V SIM cards only.
	SIM card damaged (e.g. broken).	Carry out a visual check. Change SIM card at service provider.

Problem	Possible causes	Possible solution
No network connection.	Weak signal. Outside GSM range. Invalid SIM card. New network not authorised.  Network call barring is set. Network overloaded.	Move higher, to a window or an open space. Check service provider's coverage area. Complain to the service provider. Try manual selection or select a different network (p. 44).  Check network barrings (p. 43). Try again later.
Phone loses network.	Signal too weak.	Reconnection to another service provider is automatic (p. 44). Switching phone off and on again can speed this up.
Calls not possible.	Second line set. New SIM card inserted. Charge limit reached. Credit used up.	Set first line  (p. 44). Check for new barrings. Reset limit with PIN 2 (p. 26). Load credit.
Certain uses of phone not possible.	Call restrictions are in place.	Barrings can be set by service provider. Check barrings (p. 43).
Impossible to make entries in Phonebook.	Phonebook is full.	Delete entries in Phonebook (p. 22).
Voice message not functioning.	Call divert to mailbox not set.	Set call divert to mailbox (p. 40).
SMS (text message)  flashing.	SMS memory is full.	To free up capacity, delete or file (p. 31) messages (SMS).
Function cannot be set.	Not supported by service provider or registration required.	Contact your service provider.
Capacity problems with, for example, Games & More, ringtones, pictures, SMS archive.	Phone memory full.	Delete files in the relevant areas.
No WAP access, downloading not possible.	Profile not activated, profile settings wrong/incomplete.	Activate (p. 35), set (p. 35) WAP profile or set HTTP profile (p. 42). If necessary ask your service provider.

Problem	Possible causes	Possible solution
Text message cannot be sent.	Service provider does not support this service.	Contact your service provider.
	Phone number for service centre not set or incorrect.	Set service centre (p. 34).
	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 & sounds are not displayed at the destination phone	Destination phone does not support the EMS standard.	
No Internet access possible.	Incorrect WAP profile set, or wrong or incomplete settings.	Check settings or contact your service provider.
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. 55).
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 deleted by the service provider via the SIM card.	Check with your service provider.
No fax possible.	Wrong settings in the PC.	Check settings .
	No authorisation for this service.	Contact your service provider.
Charge meter does not work.	Charge pulse is not transmitted.	Contact your service provider.
<b>Damage</b>		
Severe shock.	Remove battery and SIM and re-insert them. Do not dismantle the phone!	
Phone became wet.	Remove battery and SIM. Dry immediately with a cloth, but do not apply heat. Dry connector contacts thoroughly. Stand mobile upright in an air current. Do not dismantle the phone!	

**Reset all settings to factory default (p. 41): \* # 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/customer-care](http://www.my-siemens.com/customer-care)**

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

**CE 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:	86 g
Size:	109x46x21mm (88 ccm)
Li-Ion battery:	700 mAh
Operating temperature:	-10 °C... +55 °C
SIM card:	3.0 V

### Phone ID

You will need the following details if you lose your phone or SIM card:

the number of the SIM card (on the card):

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

.....  
the customer service number of the service  
provider:

### Lost phone

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

## Operating time

The operating time depends upon usage: Extreme temperatures considerably reduce the phone's standby time. You should therefore avoid the leaving the phone in the sun or on a radiator.

Standby time: 60 to 250 hours.

Talk time: 100 to 300 minutes.

Action taken	Time (min)	Reduces standby time by
Calling	1	30 - 90 minutes
Light *	1	40 minutes
Network search	1	5 -10 minutes

\* Keypad input, games, organiser, etc.

# 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. For Products sold in the United Kingdom 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.

## Guarantee certificate (IRL)

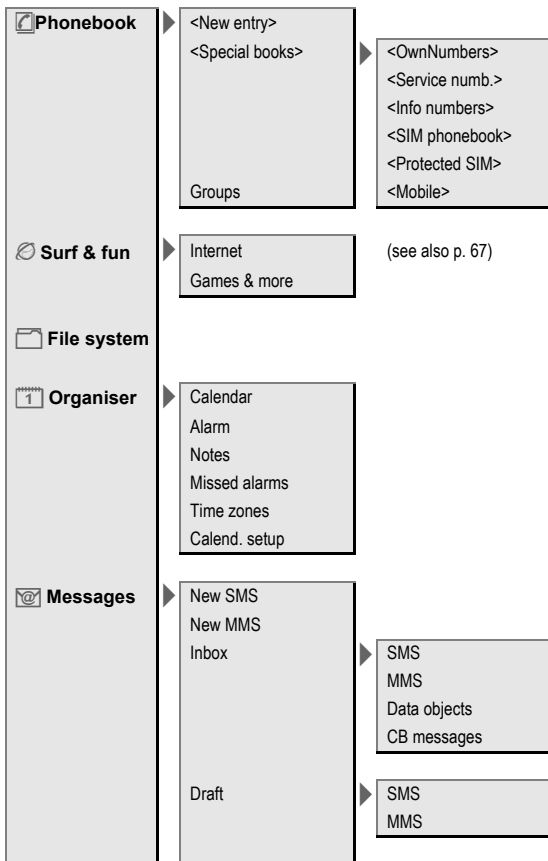
Without prejudice to any claim the user (customer) may have in relation to the dealer or retailer, the customer shall be granted a manufacturer's Guarantee under the conditions set out below:

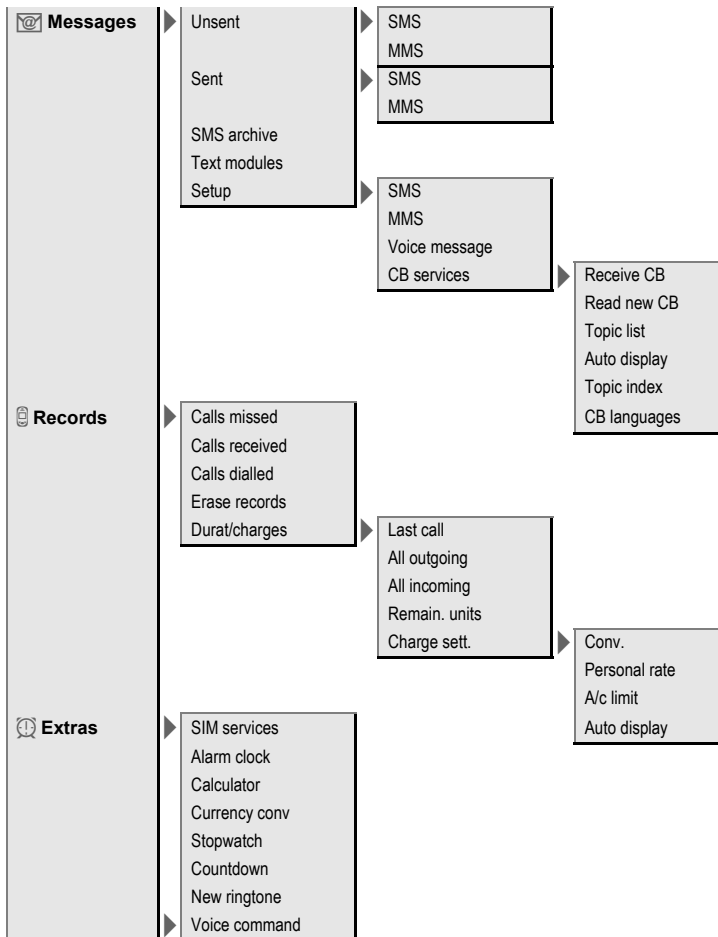
- In the case of new devices and their components exhibiting defects resulting from manufacturing and/or material faults within 24 months of purchase, Siemens shall, at its own option and free of charge, either replace the device with another device reflecting the current state of the art, or repair 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 care or use and/or failure to comply with information contained in the user manuals. In particular claims under the Guarantee cannot be made if:
  - The device is opened (this is classed as third party intervention)
  - Repairs or other work done by persons not authorised by Siemens.
  - Components on the printed circuit board are manipulated
  - The software is manipulated
  - Defects or damage caused by dropping, breaking, lightning or ingress of moisture. This also applies if defects or damage was caused by mechanical, chemical, radio interference or thermal factors (e.g.: microwave, sauna etc.)
- Devices fitted with accessories not authorised by Siemens

- 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. For Products sold in the Republic of Ireland the Guarantee is issued by Siemens Ireland Limited, Ballymoss Road, Sandyford Industrial Estate, Dublin 18 - The Republic of Ireland.
- 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.

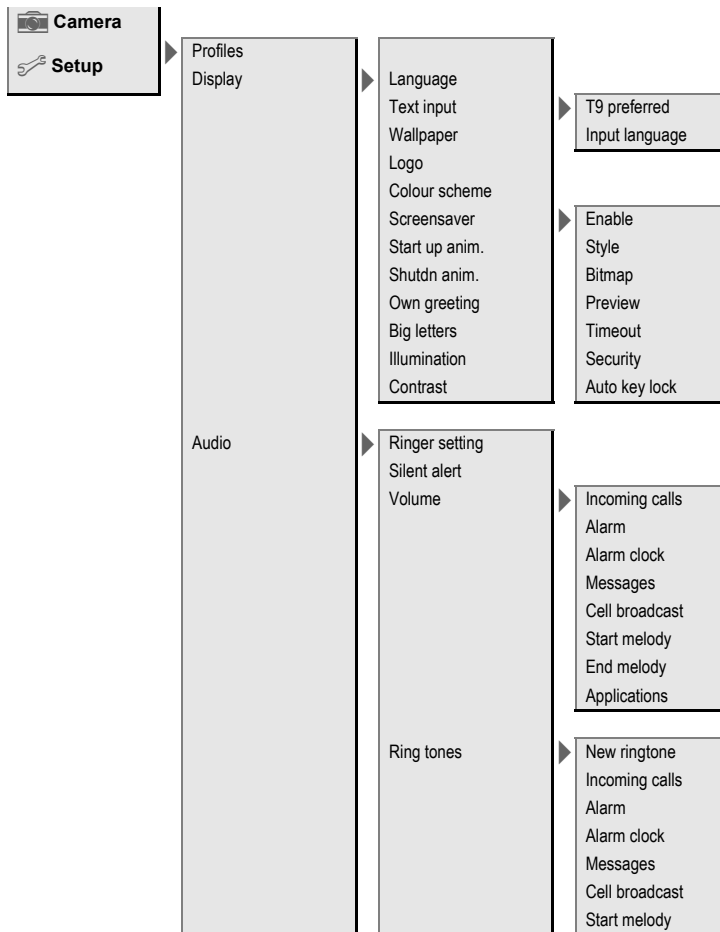
To invoke this Guarantee, please contact the Siemens helpdesk on 1850 777 277. This number is also to be found in the accompanying user guide.

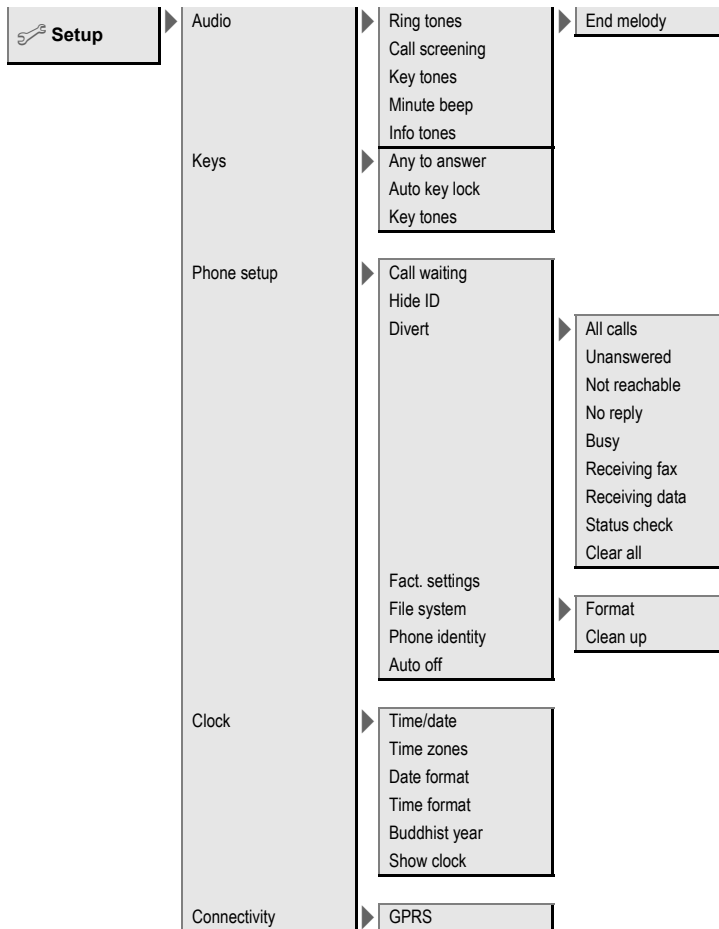
# Menu tree

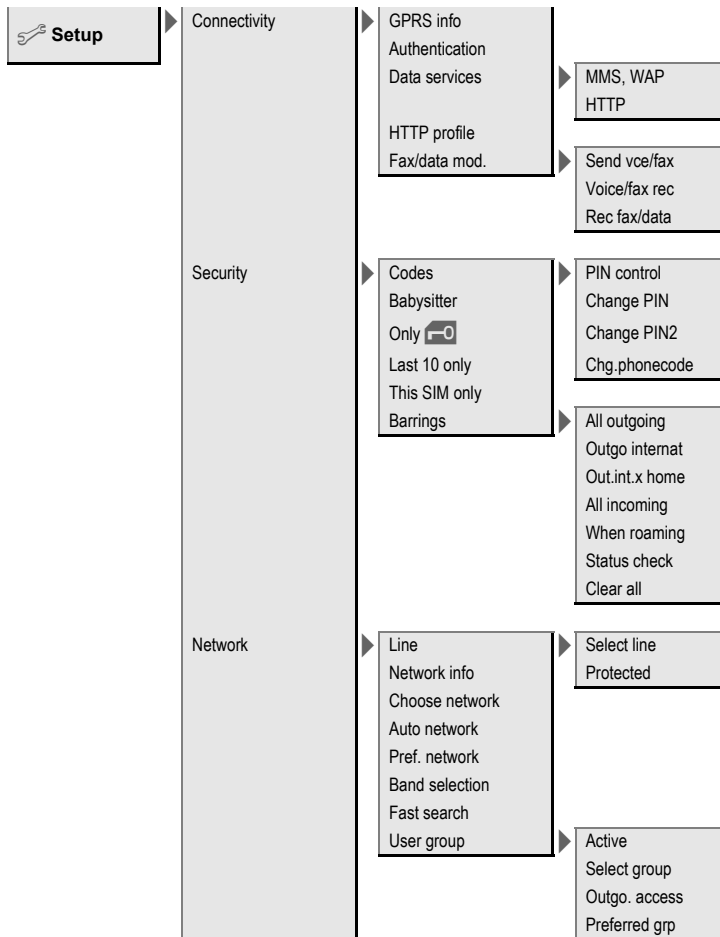


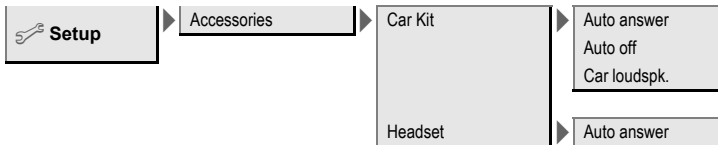











**Note on Surf & fun**

Depending on your service provider, you may have direct access to its portal instead of the Surf & fun menu option. Contact your service provider for details of the services offered on the portal. In this case, you will find the **Internet** and **Games & more** menu options in the **Extras**  menu.

# 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<sup>1</sup>. 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 re-

spective technical limit requirements must be demonstrated. Only then the CE mark may be affixed<sup>2</sup>.

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<sup>3</sup>. This corresponds with the requirements of the International Commission for Non-Ionizing Radiation Protection ICNIRP<sup>4</sup> 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](http://www.who.int/peh-emf),

[www.mmfa.org](http://www.mmfa.org),

[www.my-siemens.com](http://www.my-siemens.com).

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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](http://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<sup>1</sup>.

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<sup>1</sup>. 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<sup>2</sup>. 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<sup>3</sup>.

SAR information can also be found at **[www.my-siemens.com](http://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](http://www.who.int/peh-emf),**  
**[www.mmfai.org](http://www.mmfai.org),**  
**[www.my-siemens.com](http://www.my-siemens.com).**

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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](http://www.my-siemens.com)**.

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


Further information:

**[www.who.int/peh-emf](http://www.who.int/peh-emf), [www.mmfa.org](http://www.mmfa.org),  
[www.my-siemens.com](http://www.my-siemens.com).**



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