Contents 1

**This is a summarised version of the operating instructions.
The detailed version is available on the Internet at:
www.my-siemens.com/mc60**

2   Contents

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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. 42), info tones (p. 42) 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. 18) . 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.

4 Safety precautions

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!

SAR (Cell Phone Designation)

RF EXPOSURE /SPECIFIC ABSORPTION RATE (SAR) INFORMATION

THIS SIEMENS MC60 PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO ELECTROMAGNETIC FIELDS.

Your cell phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy established by the Federal Communications Commission (FCC) of the U.S. Government and by Health Canada. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed and confirmed by independent scientific organizations through periodic and thorough evaluation of scientific studies*. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for cell phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit established by the FCC and by Health Canada is 1.6 W/kg**. Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and the manufacturer must certify to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body), reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when testest for use at the ear is

$$0.65 \ \text{W/kg}^{***}$$

and when worn on the body^{+} is

$$0.30 \ \text{W/kg}^{***}$$

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Internet Association (CTIA) web-site at **www.phonefacts.net** or the Canadian Wireless Telecommunications Association (CWTA) website **www.cwta.ca**.

6   SAR (Cell Phone Designation)

SAR information on this Siemens MC60 phone is on file with the FCC and can be found under the Display Grant section of **http://www.fcc.gov/oet/fccid** after searching on FCC ID **PWX-MC60**. While there may be differences between the SAR levels of various phones and at various positions, all Siemens products meet the governmental requirements for safe RF exposure.

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

+   For body worn operation, this mobile phone has been tested and meets FCC RF exposure guidelines when used with a carry accessory that contains no metal and that positions the handset at least 1.5 cm/0.59in from the body. Use of other carry accessories may not ensure compliance with FCC RF exposure guidelines.

*   The World Health Organization (WHO, CH-1211 Geneva 27, Switzerland), on the basis of the actual knowledge, does not see any necessity for special precautionary measures when using cell phones.
Further information:
www.who.int/peh-emf,
www.mmfai.org,
www.my-siemens.com.

**   averaged over 1 g of tissue.

Phone overview

⌂ ✎ **Call key**

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

📄 ✎ **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.

🔲 **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.

🔲 **Control key left/right**

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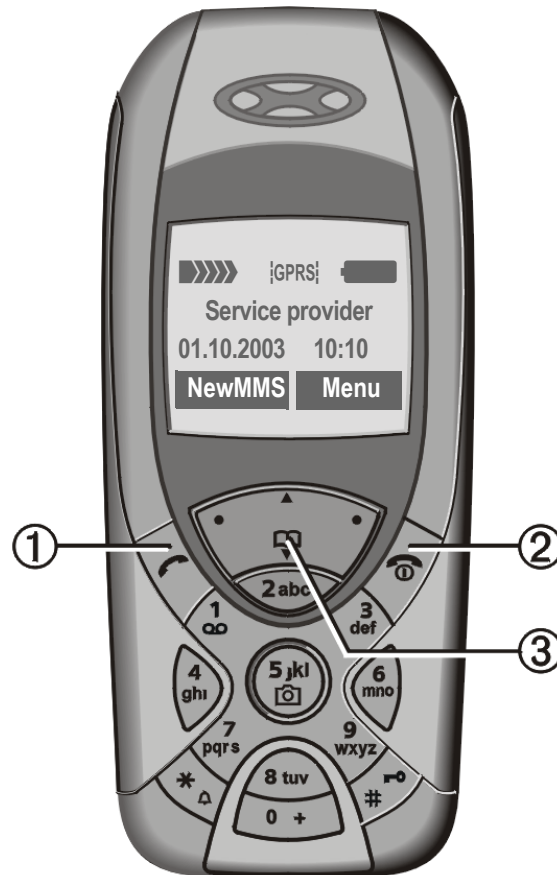
8   Phone overview

📂 **Integrated antenna**

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

🔊 **Loudspeaker**

📃 **Display**

📑 **Input keys**

📷 (5jkl) **Camera**

Hold down in standby mode: Start camera function (p. 30).

⏳ **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.

⌨ **Key lock**

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

🖱 **Plug socket**

For charger, headset etc.

📡 **Socket for external antenna**

📷 **Camera lens**
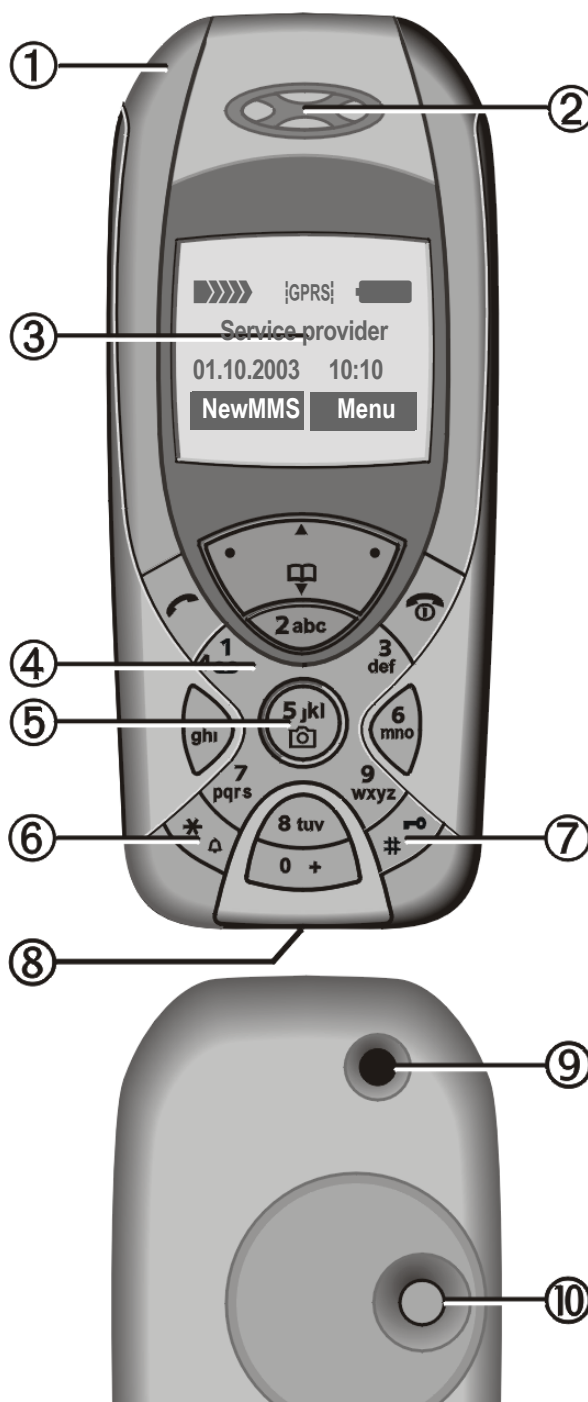
Display symbols

Display symbols (selection)	
▶▶▶▶▶	Signal strength.
⊏→▮	Charging.
⊏▬▮	Battery charge level, e.g. 50%.
⌇	Phonebook
▯	Records
∅	Surf & Fun/Service provider portal
📅 1	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.
⊏O	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.
🌐⇄ GP RS	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	MMS received.
⁞N⁞	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,

10   Getting started

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 file 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 ▱, then remove the cover forwards/upwards in the direction of the arrow ▤.
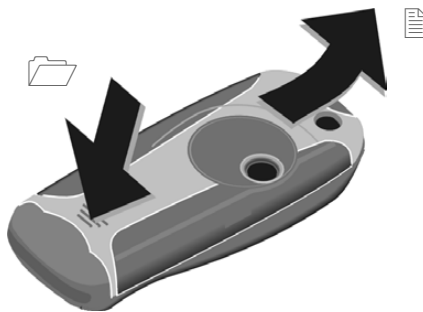
- Place the SIM card into the slot with the contact surface facing **downwards**. Gently push the holder tab over the SIM card ③DEF (ensure the bevelled corner is correctly positioned).
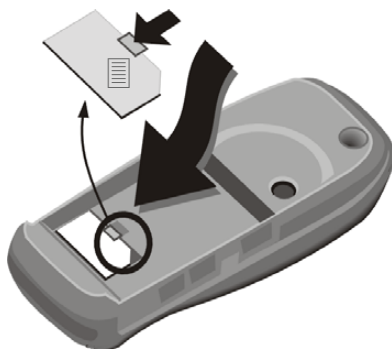
- Insert the battery sideways into the phone ▤, then press downwards ▯ until it engages.
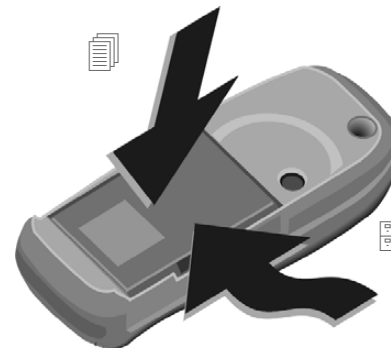
- To remove, press the retaining tab on the side of the battery, then lift the battery out.

- Place cover on phone ⏳ and then push to the lower edge ⌨, until it clicks into place.
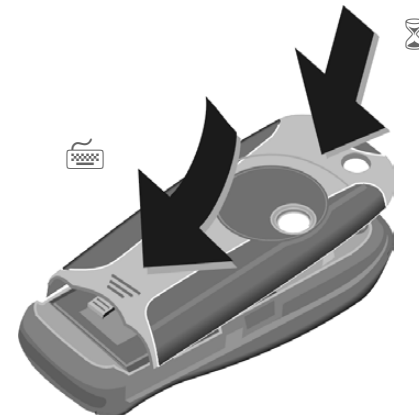
Additional information

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.

12   **Getting started**

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**.
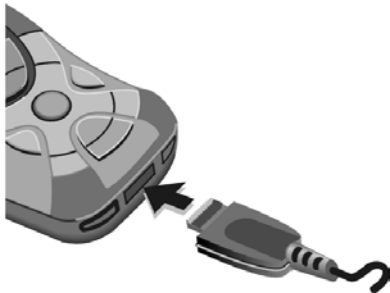
Display when charging is in progress

⊏➞▮▮   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	S. 35
Clear SIM card barring	p. 46
Clock settings	p. 44

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.

14 General instructions

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. 21)	**T9 preferred:** Activate/deactivate T9 input. **Input language:** 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.

Phonebook

- Anne
- Barbara
- ☑ Carol
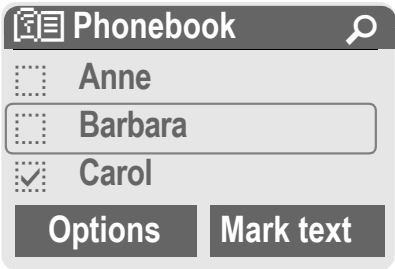
Options **Mark text**

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:

Mark all	Highlight all entries.
Unmark all	Delete highlighting on all marked entries.
Delete marked	All selected entries are deleted.

16   Security

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   **Renter** 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.

`+List` Press and select country.

---

18   **Calling**

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. 25). A picture may also appear (settings p. 26).

Reject call

Reject   Press. To divert call, see p. 43.

Or

⬦ Press **briefly**.

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

Handsfree

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

Carol
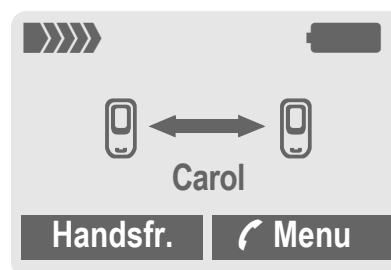
Handsfr.   Activate handsfree talking.

Yes   Switch on.
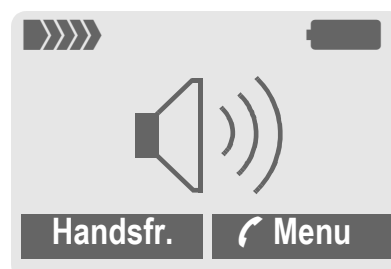
control key   Use the control key to adjust the volume.

Handsfr.   Switch off.

Warning!

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

Swapping 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. 43).

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.

20 **Calling**

Call menu

The following functions are only available during a call:

⌐ menu	Open menu.

Hold	(S. 31)
Microphone on	If the microphone is switched off the person on the other end of the line cannot hear you (muting). Also: Hold ✳down.
Handsfree	(S. 30)
Volume	Adjust handset volume.
Conference	(S. 31)
Durat/charges	Display call duration and (if set, p. 29) 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. 16).

OK	Confirm input.
Change	Press.
📖→/🔢	Select phone number from Phonebook (p. 25) 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:

2abc — 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	Ξ	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

22   Text entry

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.

Text entry   23

Additional information

`0 +`	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 (S. 29).
	Hold down: Open input menu (S. 29).

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 `markiert` . Then press

`1 2 3`   again. The displayed word is replaced with a different word. If this word is also incorrect, press

`1 2 3`   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.

T9Abc **SMS   1   748**
At 8 pm we are ▮

Spell   `1 2 3`

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.

24   **Text entry**

Correct a word

Words written **with** T9:

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

```
┌─────────────────────────────┐
│ ▣▤ Phonebook            🔍  │
│ ┌─────────────────────────┐ │
│ │<New entry>              │ │
│ └─────────────────────────┘ │
│ <Special books>             │
│ <Groups>                    │
│ ┌──────────┐  ┌───────────┐ │
│ │          │  │ Select    │ │
│ └──────────┘  └───────────┘ │
└─────────────────────────────┘
```
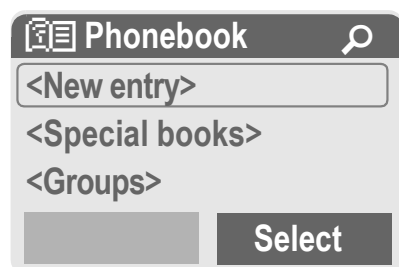
Select   Display input fields.

⊙⏦⊙   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 (S. 32) e.g.: **Family, Friends, Office, VIP**...

Location:

Default: **SIM**

⊙⏦⊙   Specify where to save the group: **Mobile**, **SIM**, **Protected SIM** (S. 31).

Record no.:

Each entry is automatically assigned a record number. You can also dial using the record number (S. 30).

⊙⏦⊙   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. 17 │
│   │
│ Text entry ....p. 21 │
└─────────────────────────────────────┘

26   **Phonebook**

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. (S. 31).
Picture	Assign a picture to a Phonebook entry.
Send SMS...	Send as a Phonebook entry or text.

(For standard functions see p. 15)

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.
Open	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. 16).

See also function **Only**. (p. 46).

<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.

Options   Open menu.

Voicedialling
Select.

Starten   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.

28   Phonebook

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).

> 📇 **Groups**
> 🍸 **Leisure**   (5)
> 💟 **Private**   (23)
> ✏ **Business**   (11)
> **Rename**   **Select**

⏢ 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).

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

5 jkl 📷 **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.

5 jkl 📷 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, S. 30).

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: ⌄⌃

Camera   **31**

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. 35).
MMS an 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.
Filesystem	Open to select saved photos.
Rename	Give the photo a new name.

(For standard functions see p. 15)

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. 43).

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. 43).

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. 43).

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, S. 33).

Writing and sending text messages (SMS)

| Menu | ➔ | 📧 | ➔ **New SMS** |

📱 Write text (**Text entry with T9,** p. 22).

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. 24).
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 (S. 33).

(For standard functions see p. 15)

34 **SMS**

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

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.

Reply   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. 30)

Text:	Press Edit again. Write text with the help of T9.
Sound:	Press Insert again.
	Filesystem You can now select a stored melody (see also p. 54).
	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.

36   MMS

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**.
5	Import appointment from calendar.

Send MMS.

Options	Open menu.
Send	Select.

Receive/read MMS

MMS/∷N∷	Indicates Recept/notification of an MMS. Press the left control key to read the MMS or notification.

Depending on the setting, (S. 33) 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

38   **Surf & fun**

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. 50 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.
🌐⇄GP/RS	GPRS Online.
⊖	No network.
✳	Select special characters, such as @, ~, \ , see p. 21.
0 +	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. 45.

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** or on the Internet under **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.

Useful for many games (Virtual Joystick):
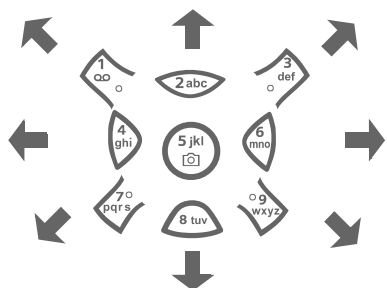
You can use WAP to download applications (e.g. ringtones, games, images, animations) from the Internet. Downloading or running applications will not affect or change the software already installed on your Java™-enabled mobile phone. Siemens excludes all warranty and liability claims in respect of or 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**).

40   Setup

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 (S. 36).

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

| | Scroll to **Aircraft mode** . |

 Select   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:

* # 0 0 0 0 # ◇

Text input

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**

Start up anim.

Shown when the phone is switched on. Additional animations: **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.

42 **Setup**

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

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, S. 32).

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

Key tones

You can set the type of acoustic key tone:

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

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 **Still**

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. 19).

Hide ID ❧!

If activated, your phone number will not appear on the other party's display (depending on tyour 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** .

44   Setup

⌨	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   ꙮ!

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   ꙮ!

All set diverts are cleared.

Fact. settings

Reset phone to default values (factory setting).

Filesystem

Format the file system (p. 54) (**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** 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.

46   Setup

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. 16).

Babysitter

(Phone-code protected)

Only **one** phone number can be dialled(p. 20).

Only ▭   ⌬!

Restrict calls to SIM-protected numbers in the Phonebook.

Last 10 only   ⌬!

Restrict calls to the list of 'dialled numbers'(p. 29).

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
dialled 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.

48   **Organiser**

Organiser

Calendar

`Menu` ➔ `1` ➔ **Calendar**

You can enter appointments in the calendar. Time and date must be set for the calendar to work correctly (p. 44).

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` ➔ `1` ➔ **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:

`ON`   Activate alarm.

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

`Change`   **Minutes**, **Hours**, **Days**.

Organiser   **49**

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.

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.

Notes

T9 support (p. 21) makes writing short notes such as shopping lists easier. Save confidential notes with the phone code (p. 16). 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` ➜ 🗓 `1` ➜ **Calend. setup**

Begin of week

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

50   **Extras**

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. 38) 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 ccurrencies. 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.

52   Extras

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. 42).

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)

| [3 def] | 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)

| [3 def] | 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.

54   **Filesystem**

Filesystem

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.

§Menu§ ➜ 📁

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§   Open folder or execute file with related application

or

for unknown file types:

§Mark§   Mark file.

Index structure

The file system assigns special folders to different data types.

Colour scheme	Colour schemes	***.col**
Data in-box	Inbox	***.***
Internet	Internet files	***.dat**
Java	Applications.	***.jad**
	Data.	***.jar**
Misc	Other files	***.***
Pictures	Pictures and animations	***.bmx (anim)**
	Sub-folder:	***.bmp**
	Camera	***.png**
		*.gif
	Own photos	***.jpg**
SMS Archive	Sub-folders:	***.smo**
	Inbox: Incoming mail	***.smi**
	Draft: Drafts	
	Unsent: Unsent SMS	
	Sent: Sent SMS	
Sounds	Ringtones, tones	***.mid**
		*.srt
		*.amr
		*.wav (Intel DVI)
Text modules	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/customercare** 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 .
	Display illumination on.	Switch off display illumination (p. 41).
	Unintentional keystrokes (illumination!).	Activate key lock (p. 43).
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.	Only use original Siemens accessories.
	Battery faulty.	Replace battery.
SIM error.	SIM card not inserted correctly.	Check that the SIM card is inserted correctly (p. 11).
	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.

56 Questions & Answers

Problem	Possible causes	Possible solution
No network connection.	Weak signal.	Move higher, to a window or an open space.
	Outside GSM range.	Check service provider's coverage area.
	Invalid SIM card.	Complain to the service provider.
	New network not authorised.	Try manual selection or select a different network (p. 47).
	Network call barring is set.	Check network barrings (p. 46).
	Network overloaded.	Try again later.
Phone loses network.	Signal too weak.	Reconnection to another service provider is automatic (p. 47). Switching phone off and on again can speed this up.
Calls not possible.	Second line set.	Set first line 1⟩⟩⟩⟩ (p. 47).
	New SIM card inserted.	Check for new barrings.
	Charge limit reached.	Reset limit with PIN 2 (p. 29).
	Credit used up.	Load credit.
Certain uses of phone not possible.	Call restrictions are in place.	Barrings can be set by service provider. Check barrings (p. 46).
Impossible to make entries in Phonebook.	Phonebook is full.	Delete entries in Phonebook (p. 25).
Voice message not functioning.	Call divert to mailbox not set.	Set call divert to mailbox (p. 43).
SMS (text message) 🖅 flashing.	SMS memory is full.	To free up capacity, delete or file (p. 34) 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. 38), set (p. 38) WAP profile or set HTTP profile (p. 45). 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. 37).
	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. 58).
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.
Damage		
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. 44): ✱ # 9 9 9 9 #

58   Customer Care

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 xxx 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
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	01 13 73 85 89 - 98
Indonesia	0 21 46 82 60 81
Ireland	18 50 77 72 77
Italy	02 24 36 44 00
Ivory Coast	21 35 02 35
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	03 21 63 11 18
Malta	00 35 32 14 94 06 32
Mauritius	2 11 62 13

Customer Care   **59**

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	45 63 22 44
Zimbabwe	04 36 94 24

60   Specifications

Specifications

Exposure to radiofrequency signals

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radiofrequency (RF) signals.

In August 1996, The Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

- American National Standards Institute (ANSI) C95.1 (1992)
- National Council of Radiation Protection and Measurement (NCRP) Report 86 (1986)
- International Commission of Non-Ionizing Radiation Protection (IC-NIRP) 1996
- Ministry of Health (Canada) Safety Code 6

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards). For additional information concerning exposure to radio frequency signal, see the statement by the FDA at the end of this user guide.

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	109x46x21 mm (88 ccm)
Li-Ion Battery:	700 mAh
Operating temperature:	14 ° F to 131 °F
SIM card:	3.0 V

Care and maintenance

Your phone has been designed and crafted with great care and attention and should also be treated with 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.

62   **Battery quality statement**

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.

U.S. FDA

The U.S. Food and Drug Administration's (FDA) Center for Devices and Radiological Health Consumer Update on Mobile Phones

FDA has been receiving inquiries about the safety of mobile phones, including cellular phones and PCS phones. The following summarizes what is know – and what remains unknown – about whether these products can pose a hazard to health, and what can be done to minimize any potential risk. This information may be used to respond to questions.

Why the concern?

Mobile phones emit low levels of radio frequency energy (i.e., radio frequency radiation) in the microwave range while being used. They also emit very low levels of radio frequency energy (RF), considered non-significant, when in the stand-by mode. It is well known that high levels of RF can produce biological damage through heating effects (this is how your microwave oven is able to cook food). However, it is not known whether, to what extent, or through what mechanism, lower levels of RF might cause adverse health effects as well. Although some research has been done to address these questions, no clear picture of the biological effects of this type of radiation has emerged to date. Thus, the available science does not allow us to conclude that mobile phones are absolutely safe, or that they are unsafe. However, the available scientific evidence does not demonstrate adverse health effects associated with the use of mobile phones.

What kinds of phones are in question?

Questions have been raised about hand-held mobile phones, the kind that have a built-in antenna that is positioned close to the user's head during normal telephone conversation. These types of mobile phones are of concern because of the short distance between the phone's antenna – the primary source of the RF – and the person's head. The exposure to RF from mobile phones in which the antenna is located at greater distances from the user (on the outside of a car, for example) is drastically lower than that from hand-held phones, because a person's RF exposure decreases rapidly with distance from the source. The safety of so-called "cordless phones", which have a base unit connected to the telephone wiring in a house and which operate at far lower power levels and frequencies, has not been questioned.

64   U.S. FDA

How much evidence is there that hand-held mobile phones might be harmful?

Briefly, there is not enough evidence to know for sure, either way; however, research efforts are on-going. The existing scientific evidence is conflicting and many of the studies that have been done to date have suffered from flaws in their research methods. Animal experiments investigating the effects of RF exposures characteristic of mobile phones have yielded conflicting results. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. In one study, mice genetically altered to be predisposed to developing one type of cancer developed more than twice as many such cancers when they were exposed to RF energy compared to controls. There is much uncertainty among scientists about whether results obtained from animal studies apply to the use of mobile phones. First, it is uncertain how to apply the results obtained in rats and mice to humans. Second, many of the studies showed increased tumor development used animals that had already been treated with cancer-causing chemicals, and other studies exposed the animals to the RF virtually continuously – up to 22 hours per day.

For the past five years in the United States, the mobile phone industry has supported research into the safety of mobile phones. This research has resulted in two findings in particular that merit additional study:

1. In a hospital-based, case-control study, researchers looked for an association between mobile phone use and either glioma (a type of brain cancer) or acoustic neuroma (a benign tumor of the nerve sheath). No statistically significant association was found between mobile phone use and acoustic neuroma. There was also no association between mobile phone use and gliomas when all types of gliomas were considered together. It should be noted that the average length of mobile phone exposure in this study was less than three years.

When 20 types of glioma were considered separately, however, an association was found between mobile phone use and one rare type of glioma, neuroepithelliomatous tumors. It is possible with multiple comparisons of the same sample that this association occurred by chance. Moreover, the risk did not increase with how often the mobile phone was used, or the length of the calls. In fact, the risk actually decreased with cumulative hours of mobile phone use. Most cancer causing agents increase risk with increased exposure. An ongoing study of brain cancers by the National Cancer Institute is expected to bear on the accuracy and repeatability of these results.[1]

U.S. FDA   **65**

2. Researchers conducted a large battery of laboratory tests to assess the effects of exposure to mobile phone RF on genetic material. These included tests for several kinds of abnormalities, including mutations, chromosomal aberrations, DNA strand breaks, and structural changes in the genetic material of blood cells called lymphocytes. None of the tests showed any effect of the RF except for the micronucleus assay, which detects structural effects on the genetic material. The cells in this assay showed changes after exposure to simulated cell phone radiation, but only after 24 hours of exposure. It is possible that exposing the test cells to radiation for this long resulted in heating. Since this assay is known to be sensitive to heating, heat alone could have caused the abnormalities to occur. The data already in the literature on the response of the micronucleus assay to RF are conflicting. Thus follow-up research is necessary. [2]

FDA is currently working with government, industry, and academic groups to ensure the proper follow-up to these industry-funded research findings. Collaboration with the Cellular Telecommunications Internet Association (CTIA) in particular is expected to lead to FDA providing research recommendations and scientific oversight of new CTIA-funded research based on such recommendations.

Two other studies of interest have been reported recently in the literature:

- Two groups of 18 people were exposed to simulated mobile phone signals under laboratory conditions while they performed cognitive function tests. There were no changes in the subjects' ability to recall words, numbers, or pictures, or in their spatial memory, but they were able to make choices more quickly in one visual test when they were exposed to simulated mobile phone signals. This was the only change noted among more than 20 variables compared. [3]

- In a study of 209 brain tumor cases and 425 matched controls, there was no increased risk of brain tumors associated with mobile phone use. When tumors did exist in certain locations, however, they were more likely to be on the side of the head where the mobile phone was used. Because this occurred in only a small number of cases, the increased likelihood was too small to be statistically significant. [4]

In summary, we do not have enough information at this point to assure the public that there are, or are not, any low incident health problems

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associated with use of mobile phones. FDA continues to work with all parties, including other federal agencies and industry, to assure that research is undertaken to provide the necessary answers to the outstanding questions about the safety of mobile phones.

What is known about cases of human cancer that have been reported in users of hand-held mobile phones?

Some people who have used mobile phones have been diagnosed with brain cancer. But it is important to understand that this type of cancer also occurs among people who have not used mobile phones. In fact, brain cancer occurs in the U.S. population at a rate of about 6 new cases per 100,000 people each year. At that rate, assuming 80 million users of mobile phones (a number increasing at a rate of about 1 million per month), about 4800 cases of brain cancer would be expected each year among those 80 million people, whether or not they used their phones. Thus it is not possible to tell whether any individual's cancer arose because of the phone, or whether it would have happened anyway. A key question is whether the risk of getting a particular form of cancer is greater among people who use mobile phones than among the rest of the population. One way to answer that question is to compare the usage of mobile phones among people with

brain cancer with the use of mobile phones among appropriately matched people without brain cancer. This is called a case-control study. The current case-control study of brain cancers by the National Cancer Institute, as well as the follow-up research to be sponsored by industry, will begin to generate this type of information.

What is FDA's role concerning the safety of mobile phones?

Under the law, FDA does not review the safety of radiation emitting consumer products such as mobile phones before marketing, as it does with new drugs or medical devices. However, the agency has authority to take action if mobile phones are shown to emit radiation at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of mobile phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions at this time, FDA has urged the mobile phone industry to take a number of steps to assure public safety. The agency has recommended that the industry:

- Support needed research into possible biological effects of RF of the type emitted by mobile phones;
- Design mobile phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing mobile phone users with the best possible information on what is known about possible effects of mobile phone use on human health.

At the same time, FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of mobile phone safety to ensure a coordinated effort at the federal level. These agencies are:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Health and Safety Administration
- National Telecommunications and Information Administration

The National Institutes of Health also participates in this group.

In the absence of conclusive information about any possible risk, what can concerned individuals do?

If there is a risk from these products – and at this point we do not know that there is – it is probably very small. But if people are concerned about avoiding even potential risks, there are simple steps they can take to do so. For example, time is a key factor in how much exposure a person receives. Those persons who spend long periods of time on their hand-held mobile phones could consider holding lengthy conversations on conventional phones and reserving the hand-held models for shorter conversations or for situations when other types of phones are not available.

People who must conduct extended conversations in their cars every day could switch to a type of mobile phone that places more distance between their bodies and the source of the RF, since the exposure level drops off dramatically with distance. For example, they could switch to:

- a mobile phone in which the antenna is located outside the vehicle,
- a hand-held phone with a built-in antenna connected to a different antenna mounted on the outside of the car or built into a separate package, or
- a headset with a remote antenna to a mobile phone carried at the waist.

Where can I find additional information?

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For additional information, see the following websites:

- Federal Communications Commission (FCC) RF Safety Program (select "Information on Human Exposure to RF Fields from Cellular and PCS Radio Transmitters"): http://www.fcc.gov/oet/rfsafety.

- World Health Organization (WHO) International Commission on Non-Ionizing Radiation Protection (select Qs & As): http://www.who.int/emf

- United Kingdom, National Radiological Protection Board: http://www.nrpb.org.uk

- Cellular Telecommunications Internet Association (CTIA): http://www.wow-com.com

- U.S. Food and Drug Administration (FDA) Center for devices and Radiological Health: http://www.fda.gov/cdhr/consumer/

[1] Muscat et al. Epidemiological Study of Cellular Telephone Use and Malignant Brain Tumors. In: State of the Science Symposium; 1999 June 20; Long Beach, California.

[2] Tice et al. Tests of mobile phone signals for activity in genotoxicity and other laboratory assays. In: Annual Meeting of the Environmental Mutagen Society; March 29, 1999, Washington, DC; and personal communication, unpublished results.

[3] Preece, AW, Iwi, G, Davies-Smith, A, Wesnes, K, Butler, S, Lim, E, and Varey, A. Effect of a 915- MHz simulated mobile phone signal on cognitive function in man. Int. J. Radiat. Biol., April 8, 1999.

[4] Hardell, L, Nasman, A, Pahlson, A, Hallquist, A and Mild, KH. Use of cellular telephones and the risk for brain tumors; a case-control study. Int. J. Oncol, 15: 113-116, 1999.

FCC/Industry Canada Notice

Your phone may cause TV or radio interference (for example, when using a telephone in close proximity to receiving equipment). The FCC or Industry Canada can require you to stop using your telephone if such interference cannot be eliminated. If you require assistance, please contact your local service facility.

Ten Driving Safety Tips

Your Siemens wireless phone gives you the power to communicate by voice – almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

Get to know your phone and its features such as speed dial and redial.

Carefully read your instruction manual and learn to take advantage of valuable features most phones offer including, automatic redial and memory dial – most phones can store up to 99 numbers in memory dial. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.

When available, use a hands-free device.

A number of hands-free wireless phone accessories are readily available today. Whether you choose an installed mounted device for your phone or a speaker phone accessory, take advantage of these devices if they are available to you.

Position your phone within easy reach.

Make sure you place your wireless phone within easy reach and where you can grab it without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voicemail answer it for you.

Suspend conversations during hazardous driving conditions or situations.

Let the person you are speaking to know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.

Do not take notes or look up phone numbers while driving.

If you are reading an address book or business card while driving a car, or writing a "to do" list, then you are not watching where you are going. It's common sense. Don't get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.

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Dial sensibly and assess the traffic.

If possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip, or attempt to coincide your calls with times you may be stopped at a stop sign, red light or otherwise stationary. But if you need to dial while driving, follow this simple tip – dial only a few numbers, check the road and your mirrors, then continue.

Do not engage in stressful or emotional conversations that may be distracting.

Stressful or emotional conversations and driving do not mix – they are distracting and even dangerous when you are behind the wheel. Make people you are talking with aware you are driving and if necessary, suspend phone conversations that have the potential to divert your attention from the road.

Use your phone to call for help.

Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations – with your phone at your side, help is only three numbers away. Dial 9-1-1 in the case of fire, traffic accident, road hazard, or medical emergency. Remember, it is a free call on your wireless phone.

Use your phone to help others in emergencies.

Your wireless phone provides you a perfect opportunity to be a "good Samaritan" in your community. If you see an auto accident, crime in progress or other serious emergencies where lives are in danger, call 9-1-1, as you would want others to do for you.

Call roadside assistance or a special wireless non-emergency assistance number when necessary.

Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call to 9-1-1. But you can still use your wireless phone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless numbers.

"The wireless industry reminds you to use your phone safely when driving""

For more information, please call 1 (888) 901-SAFE, or visit our Web site at: www.wow-com.com

Provided by the Cellular Telecommunications Internet Association (CTIA)

Intellectual Property
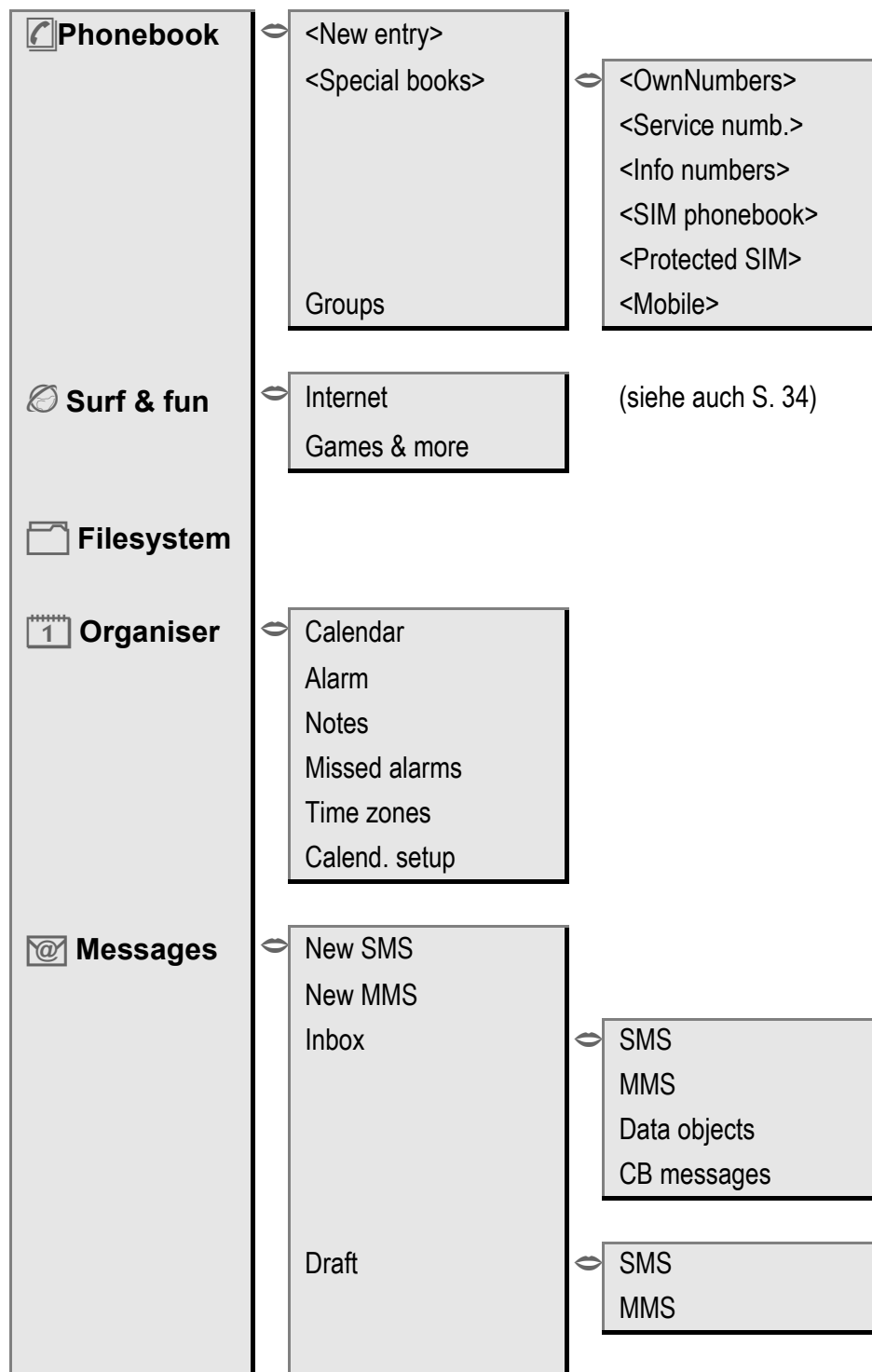
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Menu tree

Phonebook
- \<New entry\>
- \<Special books\>
  - \<OwnNumbers\>
  - \<Service numb.\>
  - \<Info numbers\>
  - \<SIM phonebook\>
  - \<Protected SIM\>
  - \<Mobile\>
- Groups

Surf & fun
- Internet
- Games & more

(siehe auch S. 34)

Filesystem

Organiser
- Calendar
- Alarm
- Notes
- Missed alarms
- Time zones
- Calend. setup

Messages
- New SMS
- New MMS
- Inbox
  - SMS
  - MMS
  - Data objects
  - CB messages
- Draft
  - SMS
  - MMS

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@ **Messages**

Unsent		SMS
		MMS
Sent		SMS
		MMS
SMS archive		
Text modules		
Setup		SMS
		MMS
		Voice message
		CB services

CB services:
- Receive CB
- Read new CB
- Topic list
- Auto display
- Topic index
- CB languages

Records

Calls missed
Calls received
Calls dialled
Erase records
Durat/charges

Durat/charges:
- Last call
- All outgoing
- All incoming
- Remain. units
- Charge sett.

Charge sett.:
- Conv.
- Personal rate
- A/c limit
- Auto display

Extras

SIM services
Alarm clock
Calculator
Currency conv
Stopwatch
Countdown
New ringtone
Voice command

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Camera

Setup

Profiles

Display
- Language
- Text input
  - T9 preferred
  - Input language
- Wallpaper
- Logo
- Colour scheme
- Screensaver
  - Enable
  - Style
  - Bitmap
  - Preview
  - Timeout
  - Security
  - Auto key lock
- Start up anim.
- Shutdn anim.
- Own greeting
- Big letters
- Illumination
- Contrast

Audio
- Ringer setting
- Silent alert
- Volume
  - Incoming calls
  - Alarm
  - Alarm clock
  - Messages
  - Cell broadcast
  - Start melody
  - End melody
  - Applications
- Ring tones
  - New ringtone
  - Incoming calls
  - Alarm
  - Alarm clock
  - Messages
  - Cell broadcast
  - Start melody

Setup

Audio
- Ring tones
- Call screening
- Key tones
- Minute beep
- Info tones

Ring tones
- End melody

Keys
- Any to answer
- Auto key lock
- Key tones

Phone setup
- Call waiting
- Hide ID
- Divert
- Fact. settings
- Filesystem
- Phone identity
- Auto off

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

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- Format
- Clean up

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

Connectivity
- GPRS

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```
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└──────────────┘   │                 │   │ Data services   │─◁─┌─ MMS, WAP ──┐
                   │                 │   │                 │   │ HTTP        │
                   │                 │   │ HTTP profile    │   └─────────────┘
                   │                 │   │ Fax/data mod.   │─◁─┌─ Send vce/fax ─┐
                   │                 │   └─────────────────┘   │ Voice/fax rec  │
                   │                 │                         │ Rec fax/data   │
                   │                 │                         └────────────────┘
                   │ Security        │─◁─┌─ Codes ─────────┐─◁─┌─ PIN control ──┐
                   │                 │   │ Babysitter      │   │ Change PIN     │
                   │                 │   │ Only 🔒0        │   │ Change PIN2    │
                   │                 │   │ Last 10 only    │   │ Chg.phonecode  │
                   │                 │   │ This SIM only   │   └────────────────┘
                   │                 │   │ Barrings        │─◁─┌─ All outgoing ─┐
                   │                 │   └─────────────────┘   │ Outgo internat │
                   │                 │                         │ Out.int.x home │
                   │                 │                         │ All incoming   │
                   │                 │                         │ When roaming   │
                   │                 │                         │ Status check   │
                   │                 │                         │ Clear all      │
                   │                 │                         └────────────────┘
                   │ Network         │─◁─┌─ Line ──────────┐─◁─┌─ Select line ──┐
                   │                 │   │ Network info    │   │ Block line     │
                   │                 │   │ Choose network  │   └────────────────┘
                   │                 │   │ Auto network    │
                   │                 │   │ Pref. network   │
                   │                 │   │ Band selection  │
                   │                 │   │ Fast search     │
                   │                 │   │ User group      │─◁─┌─ Active ──────┐
                   └─────────────────┘   └─────────────────┘   │ Select group  │
                                                               │ Outgo. access │
                                                               │ Preferred grp │
                                                               └───────────────┘
```

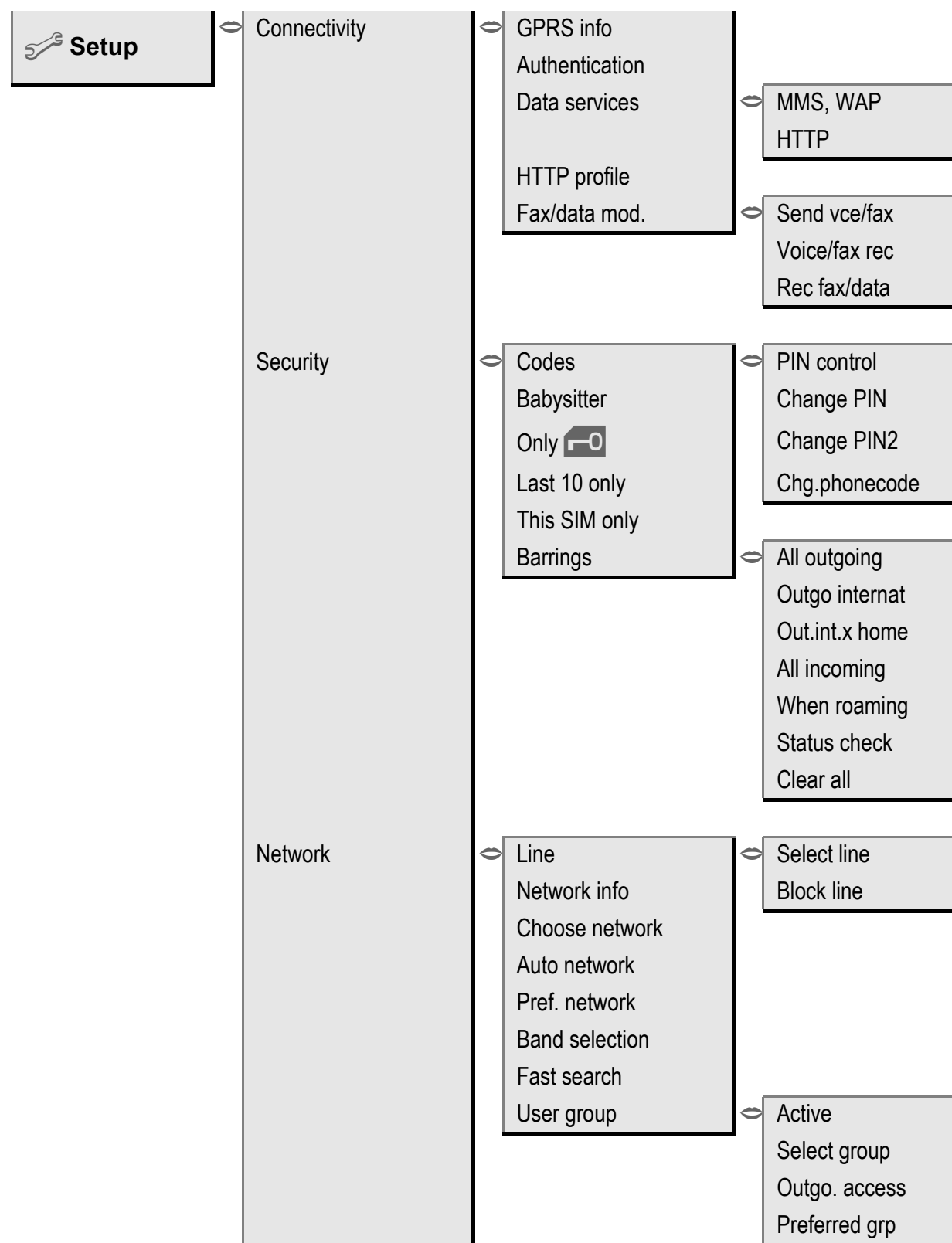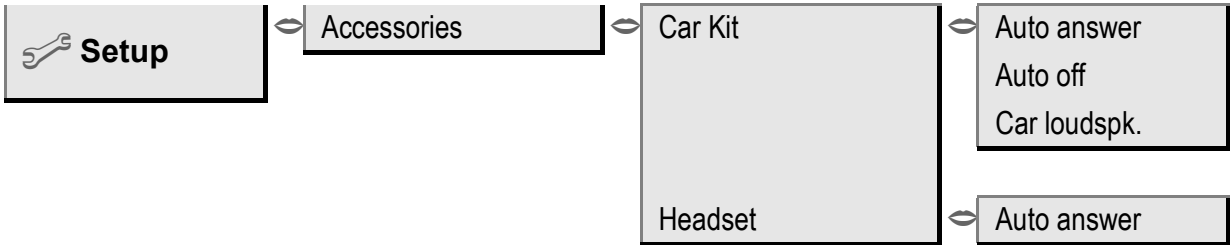| 🔧 **Setup** | ⇔ Accessories | ⇔ Car Kit | ⇔ Auto answer |
			Auto off
			Car loudspk.
		Headset	⇔ Auto answer

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.

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