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**This is a summarised version of the operating instructions.**

**The detailed version is available on the Internet at:**

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

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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

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### 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 tested for use at the ear is

0.65 W/kg\*\*\*

and when worn on the body<sup>+</sup> is

0.30 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](http://www.phonefacts.net)** or the Canadian Wireless Telecommunications Association (CWTA) website **[www.cwta.ca](http://www.cwta.ca)**.

## 6 SAR (Cell Phone Designation)

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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.

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\*\*\* SAR values may vary depending on national requirements and network bands. SAR information for different regions can be found at **[www.my-siemens.com](http://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](http://www.who.int/peh-emf),**  
**[www.mmfa.org](http://www.mmfa.org),**  
**[www.my-siemens.com](http://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 dialed 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.

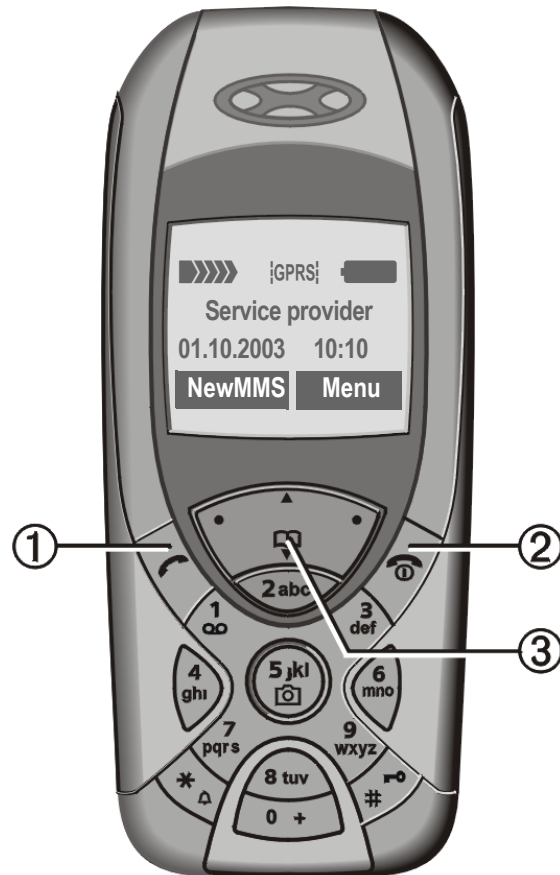
In standby mode:

 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

### 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

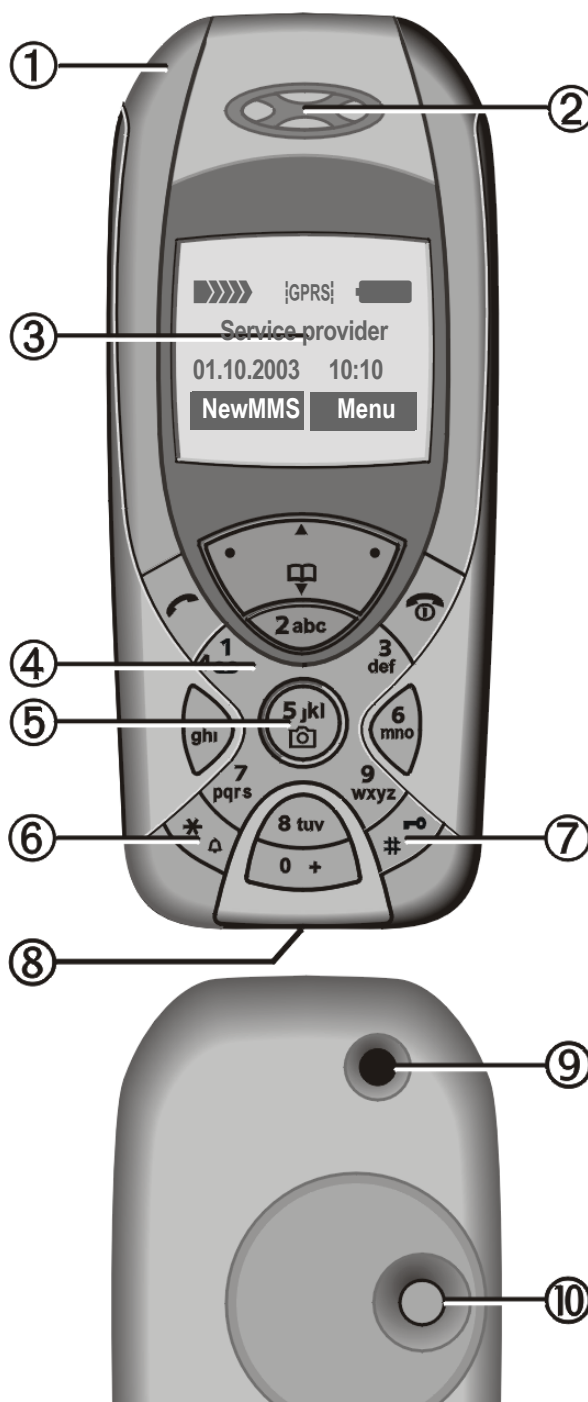
**Hold down** in standby mode: switch key lock on/off.

### 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
	Organiser
	Messages
	Camera
	Extras
	File system
	Settings
	All calls are diverted.
	Ringtone off.
	Short ring (beep) only.
	Ringtone only, if the caller is stored in the Phonebook.
	Alarm set.
	Alarm clock activated.
	Keypad locked.
	Message memory full.
	No network access.
<b>ABC/ Abc/abc</b>	Indicates whether upper or lower-case letters are active.
<b>T9Abc</b>	Text input <b>with</b> T9.

**GPRS** Activated and available.

Registered.

Temporarily interrupted.

GPRS download.

WAP online.

WAP via GPRS online.

WAP no network.

Auto answer feature on.

## Organiser symbols (selection)

	Memo
	Call
	Meeting
	Birthday
	Anniversary

## Access with left control key (selection)

	Message received.
	MMS received.
	MMS notification received.
	Voice message received.
	Unanswered call.

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

# Getting started

The front and back covers of the casing as well as the keypad can be changed in a matter of seconds - no tools required. Please switch the phone off first:

## Assembling



## Dismantling



### Note

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



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

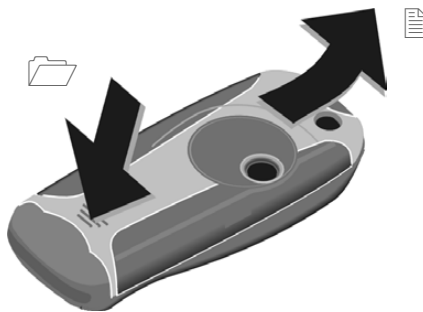
To avoid damage to the display, the phone should not be used without the top shell.




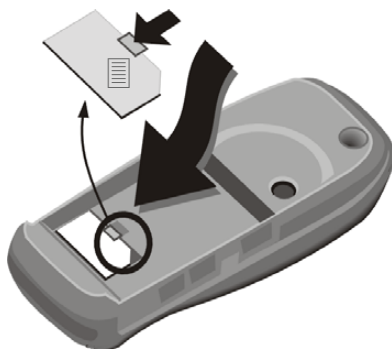
## Insert SIM card/battery



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

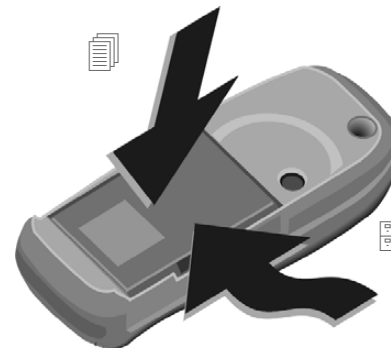
Press grooved area , then remove the cover forwards/upwards in the direction of the arrow .





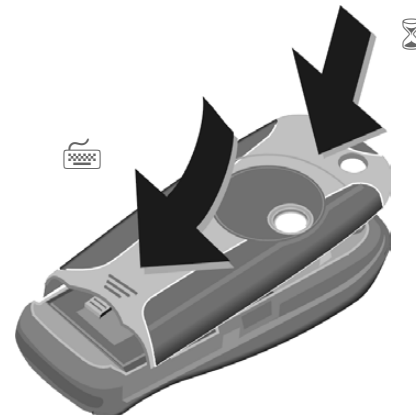
- Place the SIM card into the slot with the contact surface facing **downwards**. Gently push the holder tab over the SIM card  (ensure the bevelled corner is correctly positioned).



- 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

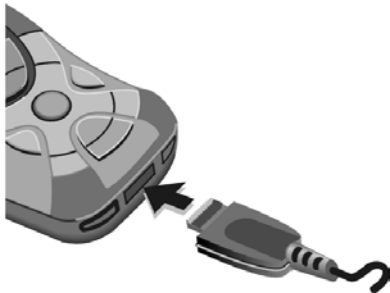
Please switch off your phone before removing the battery!

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

SIM card problems .....p. 55

## 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.

# 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.

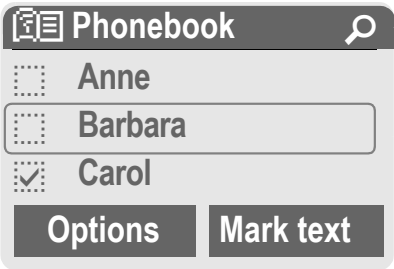
Edit	Open the entry to edit.
Capacity	Display available capacity.
View	Display entry.
Delete/ Delete all	Delete entry/delete all entries after confirmation.
New entry	Create new entry.
Send MMS	Send entry as MMS message.
Send	Dial number or select from the Phonebook, then send.
Save	Store entry.
Sort	Set sort criteria (alphabetical, type, time).
Text input (p. 21)	<b>T9 preferred:</b> Activate/deactivate T9 input. <b>Input language:</b> Select language for text.
Rename	Rename selected entry.

## Highlighting mode

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

**Options** Open menu.

**Mark text** Activate highlighting mode.



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

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

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

**Unmark** Unmark the current entry.

Additional highlighting functions:

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

# Security

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

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

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

## Codes

### PIN control

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

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

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

### Change PIN

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



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



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



**OK** **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.



Press and select country.

## Accept call

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

**Answer** Press.

Or



Press.

A phone number transmitted by the network is displayed or the corresponding name if it is contained in the Phonebook (p. 25). A picture may also appear (settings p. 26).

## Reject call

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

Or




Press **briefly**.

### Warning!

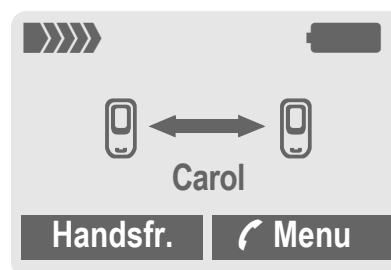
Please make sure you have accepted the call before holding the phone to your ear. This will avoid damage to your hearing from loud ringtones.

### Additional information

 Missed calls.....p. 29  
Accept call using any key .....p. 43  
Switch off ringtone.....p. 42

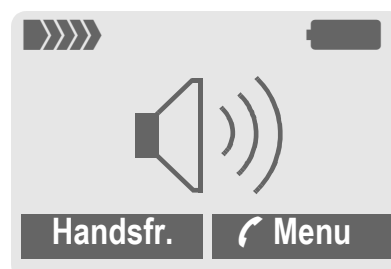
## Handsfree


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



**Handsfr.** Activate handsfree talking.

**Yes** Switch on.




 Use the control key to adjust the volume.

**Handsfr.** Switch off.

### Warning!

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

 **menu** Call menu ..... S. 32

## 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



**Answer**


End the current call.

Accept new call.

## Conference




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

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



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

 **menu** ...open menu and select **Conference**. The held call is joined.

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

## End





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

## Call menu

The following functions are only available during a call:

 **menu** Open menu.

<b>Hold</b>	(S. 31)
<b>Microphone on</b>	If the microphone is switched off the person on the other end of the line cannot hear you (muting). Also: Hold  down.
<b>Handsfree</b>	(S. 30)
<b>Volume</b>	Adjust handset volume.
<b>Conference</b>	(S. 31)
<b>Durat/charges</b>	Display call duration and (if set, p. 29) costs accruing during the call.
<b>Send DTMF</b>	Enter numbers, e.g., for remote access to an automatic answering machine.
<b>Call transfer</b> 	The original call is joined to the second one. For you, both calls are now ended.
<b>Main menu</b>	Access to main menu.
<b>Call status</b>	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:



Press **once briefly** to type the letter **a**, twice to type **b** etc.

**Hold down** to write the number.

Ä,ä,1-9

Umlauts and numbers are displayed after the relevant letters.

**Clear**

**Press briefly** to delete the letter before the cursor, **hold down** to erase the whole word.



Move the cursor (forwards/back).



**Press briefly:** Swap between **abc**, **Abc**, **T9abc**, **T9Abc**, **T9ABC**, **123**. Status shown in top line of display.

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



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

**Hold down:** Open input menu.



**Press once/repeatedly:**

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



**Hold down:** Writes **0**.

Writes blank. Press twice = jumps a line.

## Special characters



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

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

1) Line break



Navigate to characters.

**Select**

Press.

## Input menu

With text input:



Press **down**. The input menu is displayed:

**Text format** (SMS only)

**Input language**

**Mark text**

**Copy/Add**

## Text entry with T9

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

### Activate, deactivate T9

**Options** Open text menu.

**Text input** Select.

**T9 preferred** Select.

**Change** Activate T9.

### Select Input language

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

**Options** Open text menu.

**Text input** Select.

**Input language** Select.

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

## Write a word using T9

Since the display changes as you proceed,

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

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



press briefly for **T9**Abc then type



Press. A blank ends a word.

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

### Additional information



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

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



Go to the right. Ends a word.



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

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



**Press briefly:** Select special characters (S. 29).

**Hold down:** Open input menu (S. 29).



again. Repeat until the correct word is displayed.

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



To add a word to the dictionary:



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.

## 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



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

## 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.



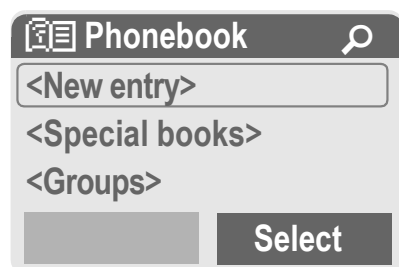
# Phonebook

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).



### 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

## 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.



Press and select **Edit**.



Select input field required.



Make change.



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.



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



The picture is displayed.



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.



Open menu.

### Voicedialling

Select.



Start recording.

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



Identification of entries in the Phonebook that have voice dialling.

### Apply voice dialling



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

Now state the name; the number is dialled.

## Groups

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



Open Phonebook (in standby mode).

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



Select group.

**Select** Open group.

### <New entry>

- Insert an entry from the Phonebook.



Open Phonebook.



Select entry.

**Select** Copy entry to the group.

- Create new entry.

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

## Change group name

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

### Additional information

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

SMS to group.....p. 34

## Ringtone for group

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

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



Select group.

**Select** Confirm.



Select ringtone.

**Select** Confirm.

# Records, Durat/charges

## Records

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

**Menu** → 

**Select** Press.



Select call list and press **Select**.



Select phone number.



Dial phone number.

### Calls missed

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



Symbol for a missed call.

### Calls received

Accepted calls are listed.

### Calls dialled

Access to the last numbers dialled.



Fast access in standby mode.

### Erase records

The records are deleted.

### Call list menu

**Options** Edit entries.

## Durat/charges

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

**Menu** →  → **Durat/charges**

Select a function:

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

**Select** Display data.

**Reset** Clear display.


**OK** End display.

## Charge settings


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

**Conv.** (PIN2 prompt). 

Currency for charge display.

**Personal rate** (PIN2 prompt). 

Charges per unit/period.

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

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

### Auto display

Display duration and charge automatically at end of each call.

## Camera

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

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

## Switch on

**Menu** → 

Or



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

## Shot

The current (preview) image is displayed.

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

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



Setting the brightness.



Press to take a photo.

Or

**Photo**

As the shot is taken, you will hear an advisory tone. The photo is saved automatically with a time stamp as its name (to change the name, S. 30).


**After taking the photo:**


**View pic.** View shot.

**Delete** Delete shot.

## Shot options

**Options** Open menu.

<b>View pictures</b>	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.
<b>Picture quality</b>	Setting the picture quality (pixel resolution). Prem. 352x288 (CIF). High 320x240 (QVGA). Med. 176x144 (QCIF). Low 160x120 (QQVGA).
<b>Brightness</b>	Set with: 

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

## Photo album

**Options** Open menu.

### View pictures

Select.







Scroll through photos taken.

## Photo options

You can

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

**Options** Open menu.

Send MMS	Send photo as MMS (p. 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

<b>Save</b>	Save composed text in draft list.
<b>Picture&amp;sound</b>	Add pictures, animations and sounds into message (see following text).
<b>Text modules</b>	Insert text module (p. 24).
<b>Format</b>	Line feed Small font, Medium font, Large font Underline Def. alignment, Left, Right, Centre Mark text (highlight text using control key)
<b>Clear text</b>	Delete the whole text.
<b>Insert from...</b>	Insert entry from Phonebook.
<b>Send via ...</b>	Select an SMS profile for transmission (S. 33).
(For standard functions see p. 15)	

## Special functions

**Options** Open menu.

### SMS to group

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

**Send** Select.

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

### Picture&sound

Insert pictures and sounds into message.

**Picture&sound**Select.

The menu contains:

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



Select area, then select the required entry and confirm.

### Additional information

Insert special characters ..... p. 21

SMS profile ..... S. 33

## 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.

**Attach extra pages****Options** Open menu.**New slide** Select.**Attach business card****Options** Open menu.**Extras** Select.Scroll to **Businesscard**.

Attach business card.

**Attach appointment****Options** Open menu.**Extras** Select.Scroll to **Appointment**.

Import appointment from calendar.

**Send MMS.****Options** Open menu.**Send** Select.**Receive/read MMS**

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

# Surf & fun

## Internet browser (WAP)

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

### Note

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



GPRS Online.



No network.



Select special characters, such as @, ~, \, see p. 21.



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.

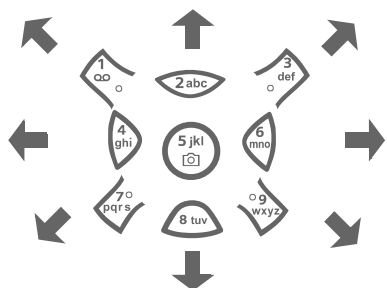
★ **Load game/application online**

**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**).

# 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



**Select**

Scroll to **Aircraft mode** .


Switch on profile. A security prompt must be confirmed. The phone switches itself off automatically.

## Normal mode

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



## Display

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

### Language

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

\*#0000# 

### Text input

See also p. 22.

#### T9 preferred

Activate/deactivate intelligent text entry.

#### Input language

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

### Wallpaper

Set wallpaper graphic for display.

### Logo

Choose picture to be displayed instead of the provider logo.

### Colour scheme

Select colour scheme for the entire user interface

## Screensaver

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

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

### Start up anim.

Shown when the phone is switched on. Additional animations:

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

### Shutdn anim.

Shown when the phone is switched off.

### Own greeting

Enter greeting to be displayed when phone is switched on.

### Big letters

You can choose between two font sizes for the display.


### Illumination

Set display light brighter/darker.

### Contrast

Set display contrast.

## Audio

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

You can set the tones to suit your needs.

### Ringer setting

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

### Silent alert

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

### Volume

Set different volumes for types of call/functions.

#### Warning!

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

### Ring tones

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

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

## Call screening

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

### Divert

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

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

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

#### Unanswered



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

#### Select

Press and select **Set** .

## 44 Setup



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



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

### All calls

All calls are diverted.



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

Other possibilities for divert:

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

### Status check

You can check the current divert status for all conditions.

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



Condition set.



Not set.



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

### Clear all

All set 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/customer care** in the FAQ section.



Select profile.

### Options

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

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

### Options

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

### Save

Save settings.

## HTTP profile



Select profile.

## Fax/data mod.

### Rec fax/data



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

### Send vce/fax



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

### Voice/fax rec

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

### End transmission

End transmission with PC software and/or press

## Security

**Menu** → → **Security** → Select function.

## Codes

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

# Organiser

## Calendar

**Menu** →  → **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** →  → **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.**



**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.

Set alarm tone .....p. 42

Clock .....p. 44

**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** →  → **Calend. setup**

**Begin of week**

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

## 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 currencies. If no currency has yet been entered, press **OK** for first input.

**Options** Open menu.

**New entry**

Select.



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



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

Select a combination of currencies to convert.

**Select** Confirm and enter amount.



Result is displayed.

**Repeat** Another conversion using different data.

## Stopwatch

**Menu** →  → **Stopwatch**

Two intermediate times can be recorded and saved.



Start/stop.



Intermediate time.


**Start**

Start stopwatch.

**Reset**

Reset.

## Countdown

**Menu** →  → **Countdown**

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

**Set**

Set period of time.

**Start**

Start counter.

**Stop**

Interrupt counter.

**Change**

Change period of time.

**Reset**

Set to start time.

## Voice command

**Menu** →  → **Voice command**

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

### Record

A list of the available functions is displayed.



Select a function.

**Record**

Press.

**Yes**

Confirm selected function.

**Start**

Start recording.

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

### Apply



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

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

Noisy environments may affect voice recognition.

## New ringtone

**Menu** →  → New ringtone

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



Press an unassigned number key (2- 9):

**Set** Select the application.  
**Phone number**: Pick out from Phonebook.

**Bookmarks**: Scroll to a URL in your bookmarks list

**Select** Confirm setting.

### Apply (example)



Hold key **down**.

## My menu

**Menu** Press.

**My menu** Press.

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

## Change menu



Select the entry to be changed.

**Options** Open menu.

### Change sett.

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

For a function such as **Calendar**:

**Set** Confirm.

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

**Select** Confirm.

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

## Reset all

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

The default entries are reset.

# 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.



A list of the folders and files is displayed.

Navigate through this list using the control key:



scroll up and down.



Go back from folder.



Open folder or execute file with related application

or

for unknown file types:



Mark file.

## Index structure

The file system assigns special folders to different data types.

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



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

# Questions & Answers

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

Problem	Possible causes	Possible solution
Phone cannot be switched on.	On/Off key not pressed long enough.	Press On/Off key for at least two seconds.
	Flat battery.	Charge battery. Check charging indicator in the display.
	Battery contacts dirty.	Clean contacts.
	See also below under "Charging error"	
Too little standby time.	Frequent use of organiser and games.	Restrict use if necessary.
	Fast search activated.	Deactivate fast search .
	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. Outside GSM range. Invalid SIM card. New network not authorised.  Network call barring is set. Network overloaded.	Move higher, to a window or an open space. Check service provider's coverage area. Complain to the service provider. Try manual selection or select a different network (p. 47). Check network barrings (p. 46). 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. New SIM card inserted. Charge limit reached. Credit used up.	Set first line  (p. 47). Check for new barrings. Reset limit with PIN 2 (p. 29). 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.



## Questions &amp; Answers

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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.
<b>Damage</b>		
Severe shock.	Remove battery and SIM and re-insert them. Do not dismantle the phone!	
Phone became wet.	Remove battery and SIM. Dry immediately with a cloth, but do not apply heat. Dry connector contacts thoroughly. Stand mobile upright in an air current. Do not dismantle the phone!	

Reset all settings to factory default (p. 44): \* # 9 9 9 9 # 

## Customer Care

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

Our online support on the Internet:

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

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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

# 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.

## 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.



## **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 known – 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.

**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, neuroepitheliomatous 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.<sup>1</sup>



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.<sup>2</sup>

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.<sup>3</sup>
- 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.<sup>4</sup>

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

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?**

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/>

<sup>3</sup> 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.

<sup>4</sup> 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.

<sup>1</sup> 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.

<sup>2</sup> 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.

## 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.

**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](http://www.wow-com.com)**

Provided by the Cellular  
Telecommunications Internet Association  
(CTIA)

# Intellectual Property

## Intellectual Property Restrictions

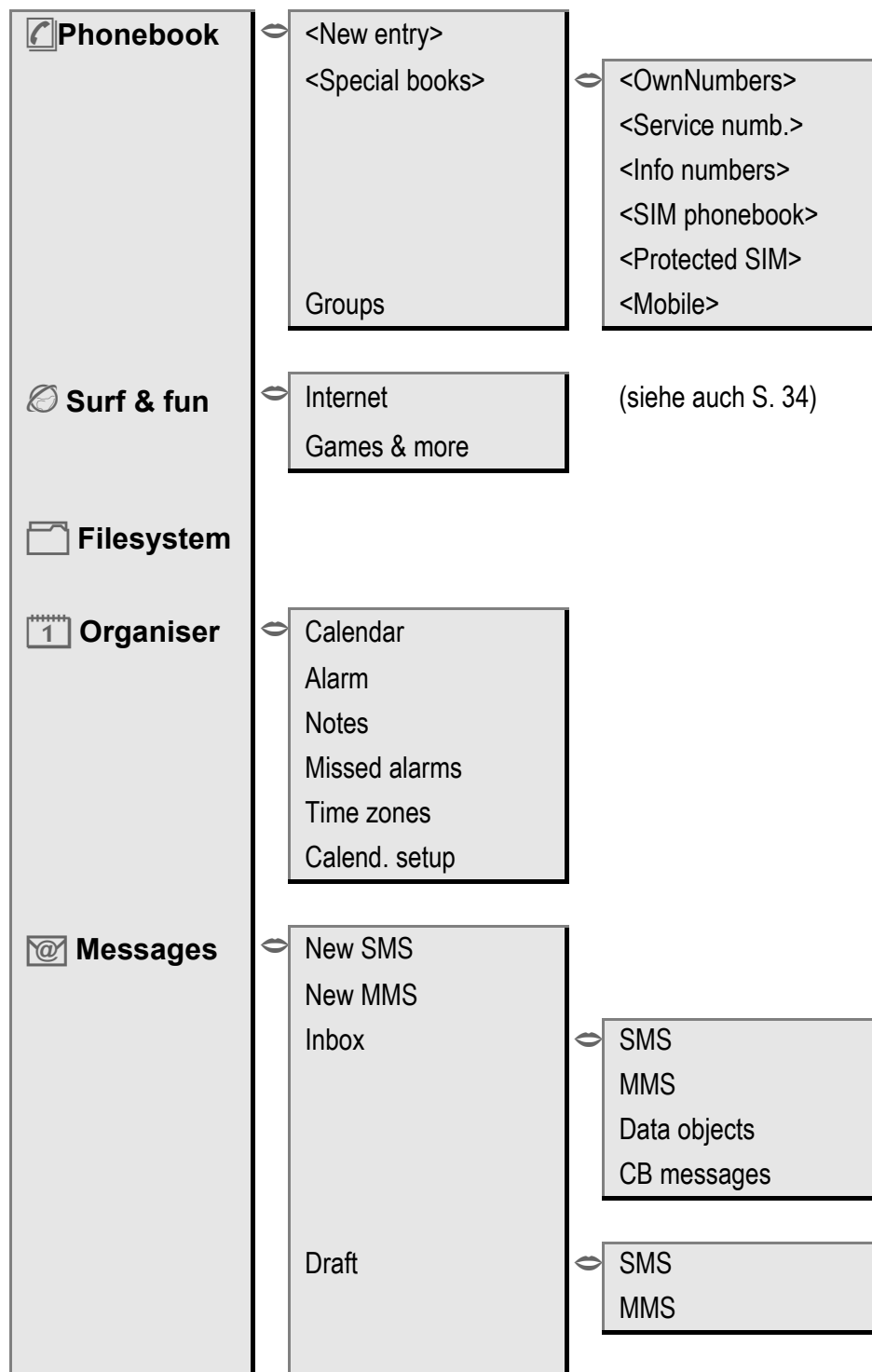
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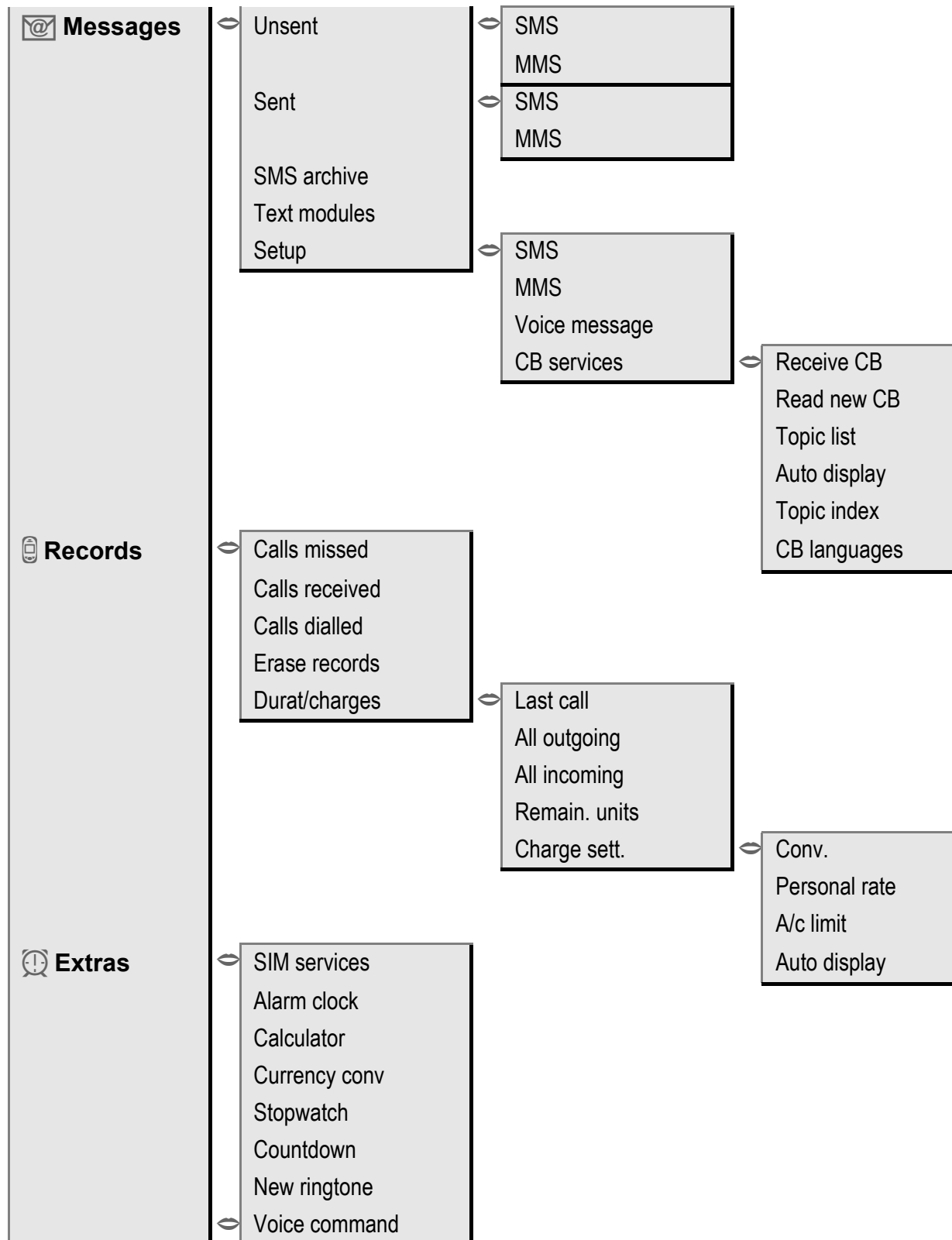
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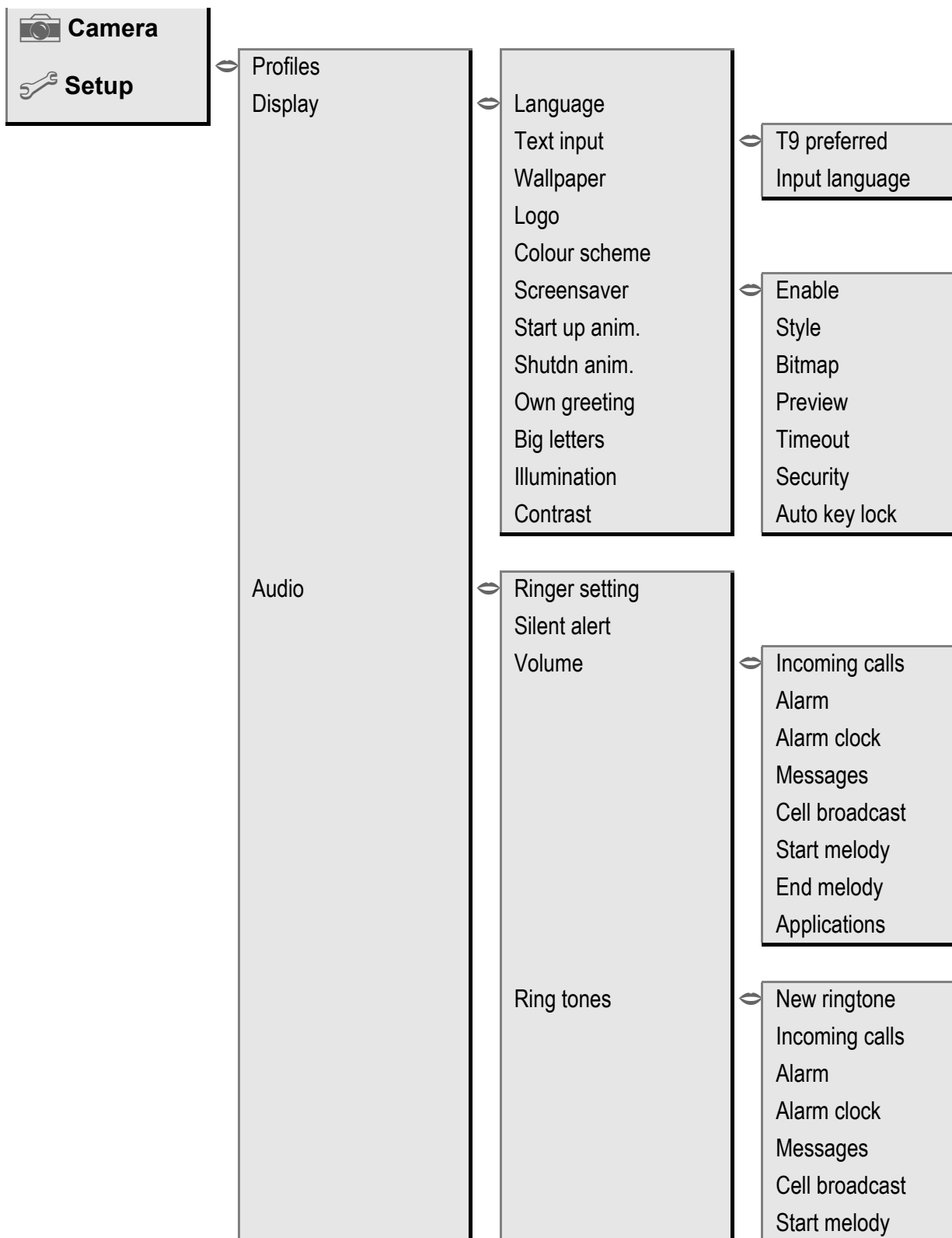


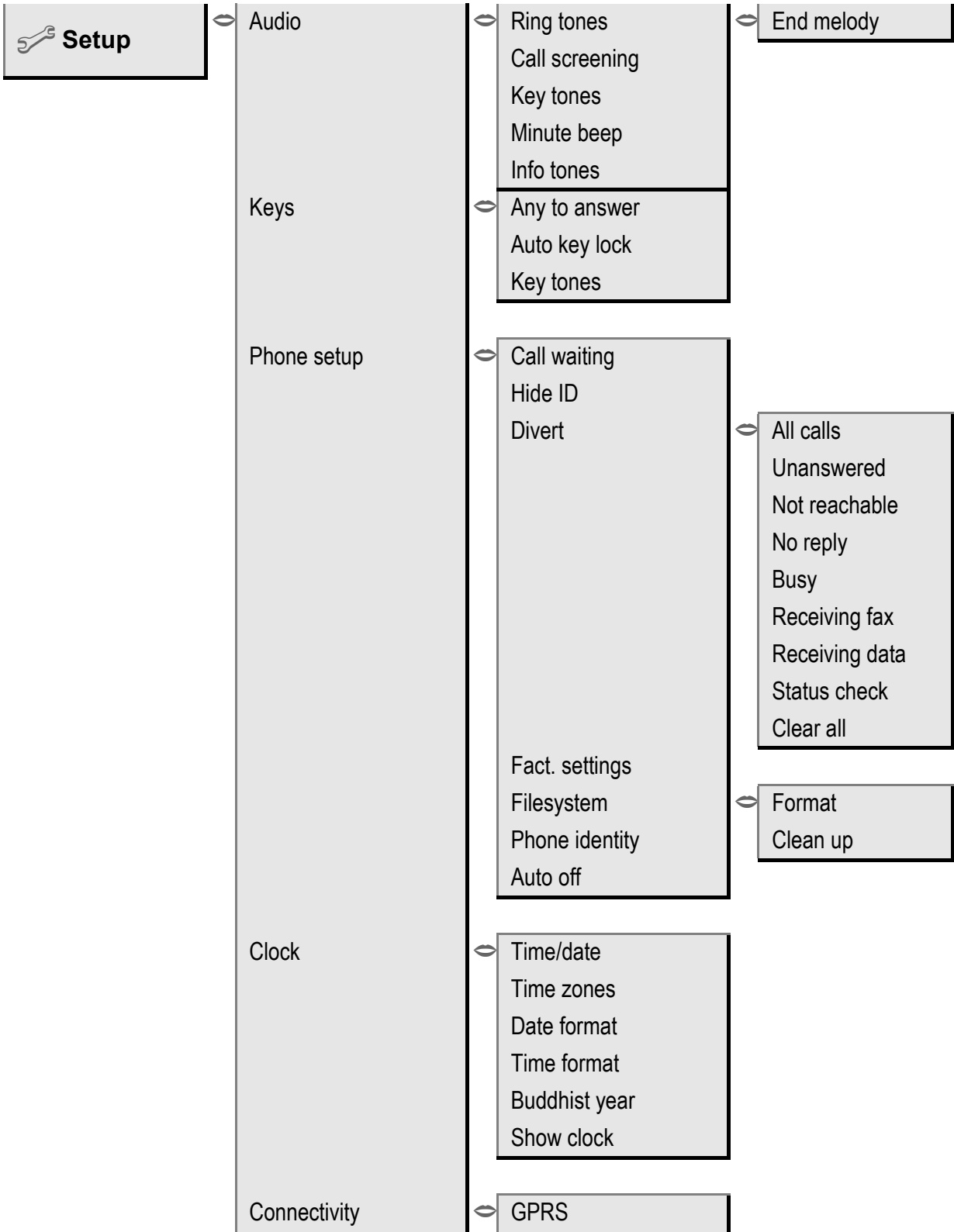
# Menu tree



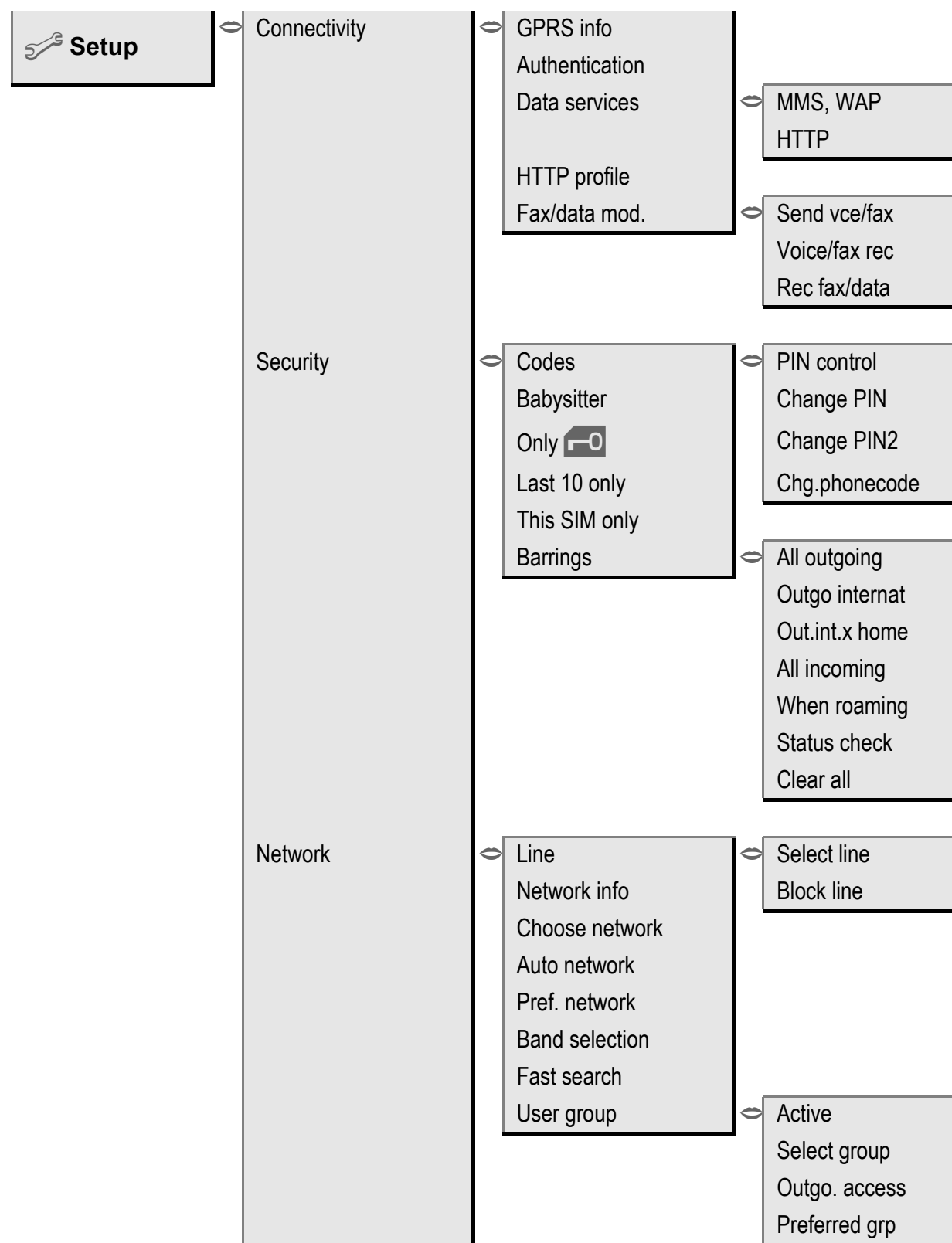


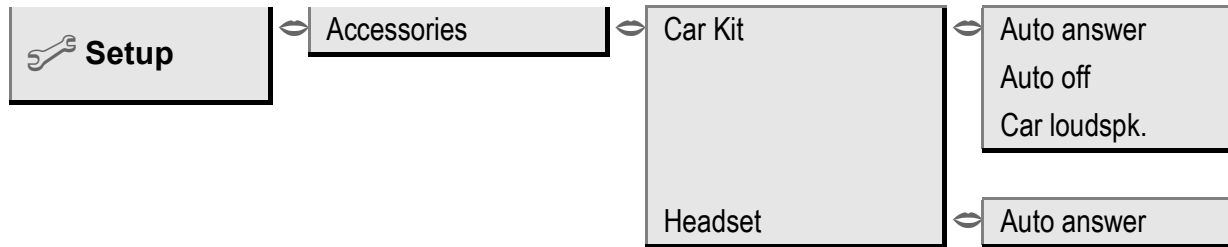
76 Menu tree






## 78 Menu tree



**Menu tree 79****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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