

SIEMENS



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C61

User Guide
Guide De L'Utilisateur
Guía Para El Usuario

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See also Index at the end of this User Guide

Note for parents

Read the operating instructions and safety precautions carefully before use.
Explain to your children the contents and the hazards associated with using the phone.



Do not use mobile phone in hospitals or in the vicinity of medical devices, such as pacemakers or hearing aids. Mobile phones may interfere with the operation of these devices. Keep a minimum distance of 8" between pacemaker and mobile phone. When using the mobile phone hold it to the ear farthest from the pacemaker.



Always use the handsfree kit (p. 95) with an external antenna for calls while driving!



Mobile phones must be switched off at all times in an aircraft. To prevent accidental activation, see (p. 67).



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

**Acoustic Shock Warning**

The ringtone (p. 80), info tones (p. 81) and speakerphone talking are reproduced through the loudspeaker. Do not hold the phone to the ear when it rings or when you have switched on the speakerphone function (p. 26). Otherwise, there is a risk of serious lasting damage to hearing.



Caution! The SIM card may be removed. Caution! Small parts could be swallowed by children.



Do not exceed the input voltage specified on the power supply.



Only use original Siemens batteries (100% mercury-free) and charging devices. Otherwise, considerable health risks and damage to the product cannot be excluded: the battery could explode, for instance.



It is recommended that you open the phone only to replace the battery (100% mercury-free) or SIM card. Do not open the battery under any circumstances. Any other changes to this device may invalidate the FCC authorization required for operation of the unit, and are strictly prohibited.

Please note:

Safely dispose of used batteries and phones according to local regulations.



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



Only use original Siemens accessories to avoid possible damage to health and property and to comply with the existing regulations.

Improper use invalidates the warranty!

Important

Read this information before using your wireless handheld phone.

As this mobile phone is equipped with a fixed (non-retractable) antenna, some paragraphs in the below text may not be applicable.

Antenna care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone operation

Normal position

Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

Tips on efficient operation

For your phone to operate most efficiently:

- Extend your antenna fully (if applicable).
- Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

PTT operation

Depending on the service options offered by your service provider, you may be able to use the C61 phone as a two-way radio (push-to-talk mode). In order to maintain compliance with FCC RF exposure guidelines while using the C61 phone in push-to-talk mode, the phone must be held in a vertical position at least one inch (2.5cm) from the lips.

Driving

Laws pertaining to the use of mobile phones while driving vary significantly from state-to-state and sometimes even from locality-to-locality within states. For example, some areas may allow persons to use their mobile phones only if they employ a hands-free device, and some areas may prohibit the use of mobile phones entirely. Accordingly, Siemens recommends that persons check the laws for the areas in which they drive or will be driving. For areas where the use of mobile phones while driving is permitted, Siemens encourages persons to use their phones responsibly and to employ hands-free devices. Also, if using your phone while driving, please:

- Give full attention to driving – driving safely is your first responsibility;
- Use hands-free operation, if available;

- Pull off the road and park before making or answering a call, if driving conditions so require.

For vehicles equipped with Air Bags

An air bag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Electronic devices

Most modern electronic equipment is shielded from radiofrequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturer's Association recommends that a minimum separation of six inches (6") be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON;
- should not carry the phone in a breast pocket;
- should use the ear opposite the pacemaker to minimize the potential for interference;
- should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider or your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturers of your devices to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

Airplanes

FCC and Airline Regulations prohibit using your phone while in the air. Turn your phone OFF when requested by the airline.

Check and comply with the policy of your airline regarding the use of your phone while the airplane is on the ground.

Blasting areas

To avoid interfering with blasting operations, turn your phone OFF when in a “blasting area” or in areas posted: “Turn off two-way radio.” Obey all signs and instructions.


Potentially explosive atmospheres

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas

could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include: fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

Emergency calls (SOS)

Your wireless phone can be used to make emergency calls. You can make an emergency call from the main display screen. Enter the local emergency number such as 911 and then press the  key.

This phone, like any wireless phone, operates using radio signals, wireless and landline networks, and user-programmed functions. Because of this, connections in all conditions cannot be guaranteed. Therefore, you should never rely solely on any wireless phone for essential communications (for example, medical emergencies). Remember - to make or receive any calls, the phone must be switched on and be used in a service area that has adequate signal strength. Emergency calls might not

be possible on all wireless phone networks or when certain network services or phone features are in use. Check with local service providers regarding their network features.

Always make certain that your phone is properly charged before attempting any emergency calls. If you allow your battery to discharge, you will be unable to receive or make calls, including emergency calls. You must then wait a few minutes after the charging begins to place any emergency calls.

When making an emergency call, remember to give all of the necessary information as accurately as possible. Remember that your wireless phone might be the only means of communication at the scene of an accident, therefore you should not terminate the call until given permission to do so.

RF EXPOSURE /SPECIFIC ABSORPTION RATE (SAR) INFORMATION

THIS SIEMENS C61 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 limits 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

0.656 W/kg***

and when worn on the body⁺ is

0.637 W/kg***

and during PTT operation⁺⁺ is

0.117 W/kg***

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

SAR information on this Siemens C61 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-C61**.

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.

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

++ For PTT operation, this device has been tested and meets FCC RF exposure guidelines with the front of the device vertically positioned at least 2.5 cm/1 in from the lips.

***** The World Health Organization (WHO, CH-1211 Geneva 27, Switzerland), on the basis of the actual knowledge, does not see any necessity for special precautionary measures when using cell phones.

Further information:

www.who.int/peh-emf,

www.mmfa.org,

www.my-siemens.com.

****** averaged over 1 g of tissue.

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

Phone overview

① Call key

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

② On/Off/End key

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

③ Control key

In lists and menus:



Scroll up and down.



Function call.



Back a menu level.

During a call:



Open call menu.

In standby mode:



Open Phonebook.



Open menu.



Data counter



① Integrated antenna

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

② Loudspeaker

③ Display symbols

Signal strength/GPRS available/battery level.

④ Soft keys

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

⑤ Input keys

Numbers, letters.

⑥ Press and hold

- In standby mode: switch on/off all signal tones (except alarm).
- For incoming calls: only switch off ring tones.

⑦ Press and hold

In standby mode: Switch key lock on/off.

⑧ Microphone

⑨ Plug socket

Connection for charger, headset etc.



Display symbols (selection)

Display symbols

	Signal strength.
	Charging.
	Battery charging status, e.g., 50 %.
	Phonebook
	Call Log
	Surf & Fun
	Tones&Alerts
	Messages
	Camera
	Extras
	My Stuff
	Setup
	Other calls are forwarded.
	Ringer off.
	Short ringer (beep) only.
	Ringer only, if the caller is stored in the Phonebook.
	Alarm clock active.
	Key lock active.

Phone numbers/names:

	On the SIM card
	On the SIM card (PIN 2 protected).
	In the phone memory.
	No network access.
	Function activated/deactivated.
ABC/Abc/abc	Indicates whether upper- or lower case letters are active.
T9 Abc	Text input with T9.
GPRS	Activated and available.
 GPRS 	Registered.
GPRS	Temporarily interrupted.
GPRS ▶	GPRS download.
	WAP Online.
	WAP via GPRS online.
	WAP No network.
	Headset active.
	Auto answer feature on.

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

Soft keys

Message received.



MMS received.



MMS notification.



Voice mail received.



Data received.



Picture received.



Melody received.



Missed Calls.



Store in Phonebook.



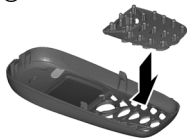
Retrieve from Phonebook.

Getting started

The front and back covers of the casing, as well as the keypad can be changed in a matter of seconds – no tools required (CLIPit™, p. 95). Please switch the phone off first:

Assembling

①



②



③



Dismantling

④



⑤



⑥



Additional notes

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

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

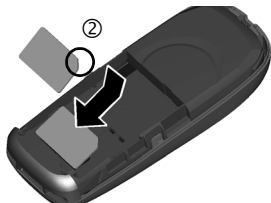
Insert SIM card/battery

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

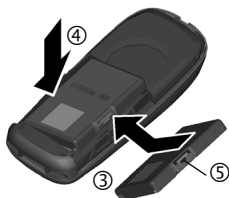
- Remove the cover in the direction of the arrow ①.



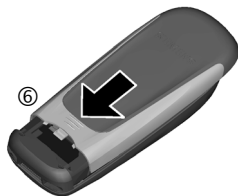
- Insert the SIM card in the opening with the contact area **facing downwards** and push gently until it engages below the holder (make sure the angled corner is in the correct position ②).



- Insert the battery sideways into the phone ③, then press downwards ④ until it engages.



- To remove, press the retaining tab ⑤ then lift the battery out.
- Slide cover over the phone ⑥ until it clicks into place.



Additional notes

Always switch off phone before removing the battery!

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

Functions without SIM cardp. 18

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 main 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 +41 °F to +104 °F. If the temperature rises/falls 41 °F above/below this, the charge symbol flashes a warning. The voltage specified on the power supply unit must not be exceeded.

Charge icon not visible

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

Only use the charger provided!

Display while in service

Charge level display during operation (empty-full):



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

Additional notes

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

Switch on/off/ PIN

Activate/deactivate



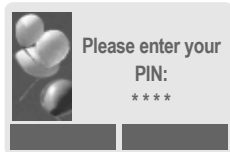
Hold **down** On/Off/End key to switch on or off.

Enter PIN

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



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



OK

Confirm entry with right soft key. Logging on to the network will take a few seconds.

Additional notes

Change PIN.....p. 22
Clear SIM card barringp. 22

Switching on your phone for the first time

Time/Date

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

Yes

Press.



First enter the date (MM/DD/YYYY), then the time (12 hours, including seconds).

OK

Press. The time and date are updated.

Time Zones

Specify your current time zone.



Select the desired time zone from the list ...

Set

... Apply it.

Additional notes

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

Additional clock settingsp. 73.

Signal strength



Strong reception signal.



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

Without SIM card

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



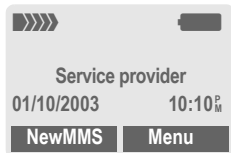
Press soft key. The functions are displayed.

Emergency number (SOS)

Only to be used in real emergencies!

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

Standby mode




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

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



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

Additional notes

 SIM services (optional)p. 82

General Instructions

User guide

The following symbols are used to explain operation:



Enter numbers or letters.



On/Off/End key.



Call key.



Press the control key on the side indicated.



Soft keys

Menu

Displays a soft-key function.



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

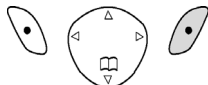
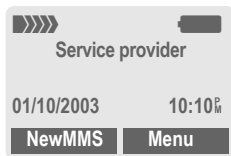
Menu Control

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

Menu →  → Missed Calls

This corresponds to:

①

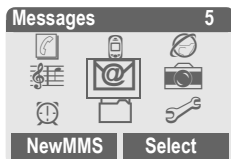


Menu

Open menu.

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

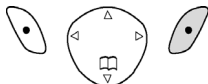
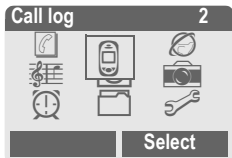
②



Select **Call log** .

Press **top** of control key.

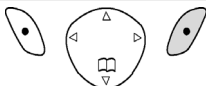
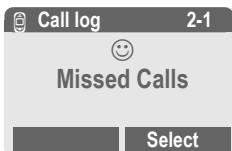
③

**Select**

Press.

Press **right** soft key to open the Call log submenu.

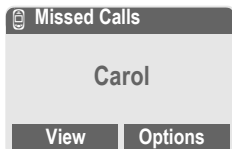
④

**Select**

Press.

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

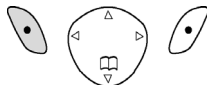
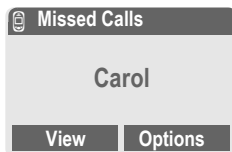
⑤



Scroll to entry required.

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

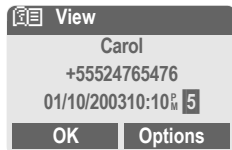
⑥

**View**

Press.

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

⑦



Menu speed dialing

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

E.g. write new SMS:

Menu

Press.



for **Messages**



for **New SMS**

Security

Codes

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

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

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

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

PIN Control

The PIN is usually requested each time the phone is switched on. You can deactivate this feature but you risk unauthorized use of the phone. Some service providers do not permit deactivating the control.

Select Press.



Enter PIN.

OK Confirm input.

Change Press.

OK Confirm.

Change PIN

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



Enter **current** PIN.

OK Press.



OK Enter new PIN.



OK Re-enter new PIN.

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

Change PIN2

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

Change Phonecode

You define the phone code (4-8 digits) when you call up a phone-code protected function for the first time. It is then valid for all phone-code protected functions. Following the third unsuccessful attempt, access to the phone code and the functions that use it is denied. In such an instance contact Siemens Service (p. 90).

Clear SIM card barring

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

Additional notes

Screensaver	p. 69
Key lock	p. 11
Further security settings	p. 76

My phone

Change your phone to match your personal requirements.

Ring tones

Assign individual ring tones to caller groups or for special dates (p. 80).

Own greeting

Select a personalized greeting (p. 68).

Screensaver

Choose a digital clock or a personal picture (p. 69).

(Provider) Logo

Choose an individual picture (to be displayed in standby mode) (p. 68).

Background image

Choose your own permanent background image (p. 68).

Color scheme

Choose a color scheme for the entire service system (p. 68).

Where do I get what?

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

www.my-siemens.com

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

wap.my-siemens.com

Siemens City Portal

You can find additional services for your mobile phone at:

www.my-siemens.com/city

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

Making a phone call

Dialing with number keys

The phone must be switched on (standby mode).



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

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



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

End call



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

Set volume



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



Set volume and confirm with **OK**.

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

Redial previous numbers

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



Press the Call key **twice**.

To redial other numbers that were dialed previously:



Press the Call key once.



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



Press ...

Send control code (DTMF)

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





menu Open the call menu.


Send DTMF

Select.

Additional notes

 Save number in Phonebook Save	p. 34
Options call lists	p. 40
Hold	p. 27
Forward Set forward	p. 71
 menu Call menu	p. 29
Speaker. Speakerphone	p. 26
Microphone off	p. 29
Key lock	p. 11
Transmit phone number on/off (Hide ID)	p. 70

International dialing codes

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

+List Press and select country.

Phone number memo

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


When a number is busy

If the called number is busy or cannot be reached because of network problems several options are available (depending on the service provider). An incoming call or any other use of the phone interrupts these functions.

Either

Auto. Redial previous numbers

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

 End key.

Or

Call back



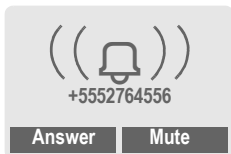
Call back Press. Your phone rings when the busy number is free. Press the Call key to dial the number.

Reminder

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

Accept call

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



Answer

Press.

Or



Press.

If the phone number has been transmitted by the network, it is displayed. If the caller's name also appears in the Phonebook, this will appear instead of the number. If set, a picture can be displayed instead of the bell icon (p. 36).

Note

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

Mute call

Mute

Press. The call will be forwarded if this has been set previously (p. 71).

Or



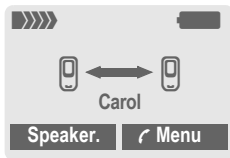
Press briefly.

Additional notes

Missed calls.....	p. 40
Accept call using any key	p. 70
Switch off ringer.....	p. 11

Speakerphone

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

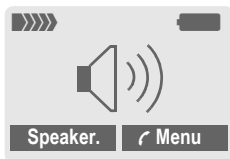


Speaker.

Activate Speakerphone function.

Yes

Switch on.



Use the control key to adjust the volume.

Speaker. Switch off.

Warning!

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

menu Call menup. 29

Swapping between 2 calls



Establish a second connection

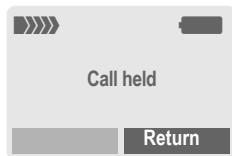
You can call another number during a call.

menu

Open the call menu

Hold

The current call is put on hold.



Now dial the new phone number (Phonebook).

When the new connection is established:

menu

Open the call menu

Swap

Swap back and forth between both calls.

• End current call



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

Incoming calls during a call

You may need to register for this service with your service provider and set your phone accordingly (p. 70).


During a call, you may be advised that there is another call waiting. You will hear a special tone during the call. You have the following options:

- **Accept the waiting call**

Swap

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

Ending call(s):

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

Accept the waiting call by pressing **Yes**.

Or

End the second call also by pressing **No**.

- **Reject waiting call**

Reject

Reject the waiting call.

Or

Forward

The waiting call is forwarded, for example, to the mailbox.

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



End the current call.

Answer

Accept new call.

Multi Party



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

menu

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



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

menu

... Open the menu and select **Multi Party**. The held call is joined.

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


End





Other calls in the multi party call are ended simultaneously when the End key is pressed.

Call menu

The following functions are only available during a call:

 **menu** Open menu.

Hold	(p. 27)
Mute	Switch microphone on/off. If switched off, the person on the other end of the line cannot hear you (muting). Also:  Hold down.
Speakerphone	(p. 26)
Volume	Adjust handset volume.
Multi Party	(See above)
Time	Display call duration (if set) during the call.
Send DTMF	(p. 24)
Call Transfer 	The original call is connected to the second one. For you, both calls are now ended.
Main Menu	Access to the main menu.
Call Status	List all held and active calls (e.g. multi party call participants).

Text entry

Text entry without T9

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



Pressing briefly **once** types the letter **a**, twice the letter **b**, etc.

Hold down to write the number.

Ä, ä, 1-9

Special letters 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*, *ABC*, *T9Abc*, *T9ABC*, 123. Status indicator in the top line of the display.

Hold down: All input modes are displayed.



Press briefly: Special characters are shown.



Hold down: Open input menu.



Press once/repeatedly:

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

Hold down: Writes 0.

Writes blank. Press twice = skip line.

Special characters



Press briefly. The character map is displayed:

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

1) Line feed



Navigate to characters.

Select

Press.

Input menu

With text input:



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

Format (SMS only)

Input language

Mark Text

Copy

Paste

Text entry with T9

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

Activate, deactivate T9

Options Open text menu.

T9 Input Select.

T9 Preferred
Select.

Change Activate T9.

Select Input language

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

Options Open text menu.

T9 Input Select.

Input language
Select.

Select

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

Create a word using T9

Since the display changes as you proceed,

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

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



Press briefly for **T9Abc** then



Press. A blank ends a word.

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

Additional notes



Setting a full stop. Word is ended when followed by a blank space. Within a word, a full stop represents an apostrophe or hyphen:

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



Move to the right. Ends a word.



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

Hold down: All input modes are displayed.



Press briefly: Select special characters (p. 30).

Hold down: Open input menu (p. 31).

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 recognized, the next suggestion from T9 may be correct.

The word must be displayed as **inverted**. Then press

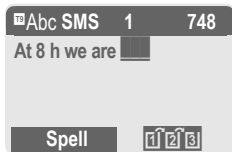


buttons. The displayed word is replaced with a different word. If this word is also incorrect,



buttons. Repeat until the correct word is displayed.

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



To add a word to the dictionary:

Spell Select.

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

Correct a word

Words written **with** T9:



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



Scroll through the T9 word suggestions again.

Clear

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

Words **not** created using T9:



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 notes

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

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Predef. Texts

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

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

Write personal stored texts

Menu →  → **Predef. Texts**

Options <New Entry> Select.



Write personal stored text.

Save

Press. The text is saved.

Use predefined texts



Write message text (SMS, MMS).

Options Open text menu.



Select **Insert Text**.



Select predefined text from the list.

Select

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

Phonebook

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

<New Entry>



Open Addressbook (in standby mode).



Select

Display of entry fields.



Select input field.



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

Number:

Always enter phone number with an area code.

Name:

Enter first and/or last names.

E-mail:

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

Group:

Default: **No Group**

Change

Entries can be organized by groups, (p. 38) e.g.:

Family, Friends, VIP, Other

Location:

Default: **SIM**



Select location: **Mobile, SIM** or **Protected SIM** (p. 37).

Record no.:

Each entry is automatically assigned a record number. You can also dial using the record number (p. 35).



Change the record number.

Save

Press to store the new entry.

Additional Information

+List International dialing codep. 25

Store control codes.....p. 39

Text entryp. 30

Call (search for an entry)



Open Phonebook.



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



Number is dialed.

Call using record no.

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



Enter input number.



Press.



Press.

Edit entry



Select entry in Phonebook.

Options

Press and select **Edit**.



Select desired input field.



Make change.

Save

Press.

Phonebook menu.

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

Options

Open menu.

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

Assign picture

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



Open Phonebook.



Select entry.

Options

Open menu.



Select **Picture**. A picture list is displayed.



Select picture.

Open

Picture is displayed.

Select

The picture is assigned to the phone number and it appears with a ☺ symbol in the Phonebook.

Delete/change image

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



Select entry with picture ☺ in Phonebook.

Options

Press.

Select

Select  **Picture**.

Delete

The assignment is cleared after confirmation.

Additional notes

One picture can be assigned to multiple phone numbers.

Add picturesp. 86

Siemens City Portalp. 23

<Special Books>



Open Phonebook.

<Special Books>

Select.

Own numbers

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

<Service Numb.> /

<Info numbers>

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


<SIM Phonebook> (Standard)

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

<Protected SIM>



On special SIM cards, phone numbers can be stored in a protected location. PIN 2 is required for editing (p. 22).

Activate with the function **Only**  (p. 76).

<Mobile>

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

Phone number addition in Phonebook.

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



Hold down.

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

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



Press.



Replace "?" with digits.



Press, number is dialed.

Groups

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



Open Phonebook
(in standby mode).

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



Select a group.

Select

Open group.

or

Rename

Select and give group a name.

Groups menu

Options

Open menu. See "Phonebook menu.", p. 35, for details.

Ring tone for group

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

Menu

→ → Group Tones



Select a group.

Select

Confirm.



Select ring tone.

Select

Confirm.

Additional notes

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

SMS to groupp. 47

Control codes (DTMF) and Pauses

You can, for example, enter control codes (numbers and pauses "+") for remote access to an automatic answering machine or other electronic services, such as banking, while a connection exists while a connection exists. These entries are transmitted directly as DTMF codes (control codes).

 **menu** Open the call menu.

Send DTMF

Select.

Use Phonebook

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



Enter phone number.



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

The "+" indicates a 3 second pause has been initiated if 3 seconds is insufficient, multiple pauses may be used together (e.g., "++").



Enter DTMF codes (numbers).



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



Enter a name.

Save

Press.

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

Call log

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

Menu → 

Select Press.



Select call list.

Select Press.



Select phone number.



Dial phone number.

Or

View Display information on the phone number.

10 phone numbers can be stored in each call list:

Missed Calls



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



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

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

Received Calls



Accepted calls are listed.

Dialed Calls

Access to the last numbers dialed.



Fast access in standby mode.

Clear Log

The records are deleted.

Call list menu

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

Options Open list menu.

View	Read entry.
Correct No.	Load number into display and correct it there if necessary.
Delete	Delete entry after confirmation.
Delete All	Delete all entries of the call list after confirmation.

Camera (Optional Accessories)

You can use the phone to immediately view, save and send photos by MMS that you have taken with the Mobile Camera (p. 95). A flash is integrated into the camera.

Pictures can be taken in two different formats:

- Low resolution:
QQVGA 160x120 pixels, memory size up to 6 KB for sending as an MMS image (p. 42, p. 52).
- High resolution:
VGA 640x480 pixels, memory size of one picture up to 40 KB – e. g. for further editing on PC.
To allow the picture to be viewed on the phone display, a QQVGA picture is created for every VGA picture.

Camera Press (in standby mode).

Or

Menu → 

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

OK Confirm.

The last picture taken is shown.



Scroll through photos.

Picture

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

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


Flash

Switch on flash first:

Options Open menu.

Use Flash Select.

Then take photo with flash:

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

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

Additional notes

Once the phone has loaded the flash to the camera the next photo will be taken with the flash, you cannot unselect the flash.

Sending a photo by MMS

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

Options Open menu.



Send via MMS

Select.

Select Press and select the desired resolution.

Skip Press to skip recording a melody (p. 53).

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

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

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

The MMS is now ready to send:

Options Open menu.

Send Select.

Camera menu

Options Open menu.

Send via MMS Sending a photo by MMS (low resolution only).

Use Flash Use flash (only when camera is plugged in)

Full Screen Switch to full screen mode.

Delete Delete current picture after confirmation.

Delete All Delete all pictures after confirmation.

Info Display number of shots still available.

Setup Set resolution:
Low
High & Low
Set display:
Always use fullscreen?
Yes or No.

Additional notes



Toggle between reduced/full screen.



Switch on display illumination with or without any number key.

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

Delete Delete photo currently shown.

Voice mail/mailbox

Menu →  → Msg. Setup
→ Voice Message

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

- if your phone is switched off or not ready to receive,
- if you do not want to answer,
- if you are making a phone call (and **Call Waiting** is not activated, p. 70).

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

Settings:





Your service provider supplies you with two phone numbers:

Save mailbox number

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


Menu →  → Msg. Setup
→ Voice Message

 /  Select or enter/change phone number

OK Confirm.

Save call forwarding number

Calls are forwarded to this phone number.

Menu →  → Call Forward
→ e. g. Unanswered → Set

Enter call forwarding number.

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

Further information on call forwarding can be found on p. 71.

Play back messages



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



Icon including beep.

Or



An SMS message announces a new voice mail.

Or

You receive a call with an automatic announcement.

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



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

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

SMS

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

Additionally you can insert pictures and sounds in an SMS.

Depending on the service provider, e-mails and faxes can also be sent and e-mails received via SMS (change setting if necessary, p. 50).

Writing and sending text messages (SMS)

Menu →  → **New SMS**



Text input using "T9" (p. 31) allows you to create longer messages very quickly using just a few key strokes.

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



Press.



Dial number or pick out from the Phonebook.

Group SMS to group (p. 47).


OK

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

OK

Back to text input.

Display in the uppermost line:

 **Abc** **SMS** **1** **742**
We start at 8 a.m.

 **Abc**
abc/Abc/A
BC/123

T9 active.

Switch between upper-case/lower-case letters and digits.

SMS

Display title.

1

Number of the required SMS messages.

739

Number of characters still available.

Additional notes

Insert pictures & sounds into text.....p. 46

SMS profile.....p. 50

The following may be **Message Type**, **Validity Period**, **Service Center** queriedp. 50

Enter special charactersp. 30

Text menu

Options Open text menu.

Send	Enter recipient's phone number/retrieve it from the Phonebook, then send.
Save	Save composed text in draft list.
Picture&Sound	Add pictures, animations and sounds into message (see following text).
Insert Text	Predef. Texts insert (p. 33).
Format	Line Feed Small Font, Medium Font, Large font Underline Def. Alignment: Left, Right, Center (align) Mark Text (highlight text using control key)
Delete Text	Delete the whole text.
Insert From...	Insert entry from Phonebook.
T9 Input (p. 30)	T9 Preferred Activate/deactivate T9 input. Input language Select language for text.
Send via ...	Select an SMS profile for transmission (p. 50).

Picture&Sound

Insert pictures and sounds into message.



Write message.

Options

Open text menu at the end of a word.



Select **Picture&Sound**.

The menu contains:

Fix Animations

Fix Sounds

**Select**

Select area.

Confirm.

The first entry of the selected area is displayed.

Additional information

EMS (Enhanced Messaging Service)

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

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

SMS status report

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

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

See also **Validity Period**, p. 50.

SMS push

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

SMS to group

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

Options Open menu.

Send Select.

Group Press. The Phonebook is opened. There are the following options:

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

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

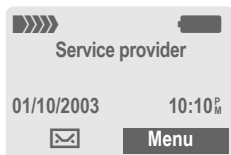
Skip Skip recipient.

Send Transmission is started after confirmation.

Receiving SMS

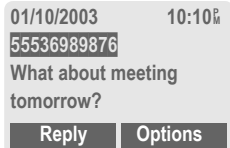


Arrival of new SMS announced on display.



To read the SMS, press left soft key.

Date/time
No./sender
Message



Scroll through message line by line.

Reply

See below.

Options

See p. 49.

Phone number/URL in SMS

Phone numbers **inverted** in the text can be dialed or saved in the Phonebook. You can also mark URLs (Internet addresses), call them directly and run them. To this end the WAP profile (p. 62) must be set and activated.



Press to dial phone number/download.



Message memory full

If the message icon flashes the SIM memory is full. **No** more SMS messages can be received. Delete or file text messages (p. 50).

Reply menu

Reply

Open reply menu.

Write mess.

Create a new reply text.

Edit

Edit received SMS or add new text.

Answer is YES

Add YES to the SMS.

Answer is NO

Add NO to the SMS.

Call back

Add a standard text as a reply to the SMS.

Delay

Thank you

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

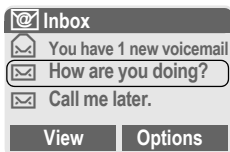
Lists

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

Inbox

Menu →  → Inbox → SMS

The list of received SMS messages is displayed.



Draft

Menu →  → Draft → SMS

The list of as yet unsent SMS messages is displayed.

Unsent

Menu →  → Unsent → SMS

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

Sent


Menu →  → Sent → SMS

The list of sent SMS messages is displayed.

Lists menu

Each list offers different functions:

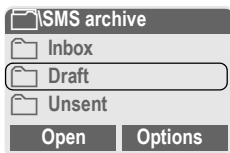
Options Open menu.




View	Read entry.
Reply	Directly answer incoming SMS messages.
Delete	Delete selected SMS messages.
Delete All	Delete all SMS messages after confirmation.
Send	Dial number or select from the Phonebook, then send.
Edit	Open SMS message to edit.
Capacity	Display free capacity on SIM card/phone. In case of segments: number of concatenated SMS messages.
Mark as unread	Mark the message as unread.
Save to 	Accept a highlighted phone number into Phonebook.
Archive	Shift SMS message to archive.
Send via ...	Select an SMS profile for transmission (p. 50).
Picture&Sound	Save pictures or sounds from the SMS.

SMS Archive

Menu →  → SMS Archive

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



	Unread.
	Read
	Concatenated message.

Different functions are available depending on the context:

Archive menu

Options Open menu.

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

SMS Profiles

Menu →  → Msg. Setup
→ SMS Profiles


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



Select profile.

Options Open menu.

Change Sett. Select.

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

Validity Period

Select the period in which the service center tries to deliver the message:

Manual, 1 hour, 3 hours, 6 hours, 12 hours, 1 day, 1 week, Maximum

* Maximum period that the service provider permits.

Status Report

You will receive confirmation whether delivery of a message has been successful or unsuccessful. This service may be subject to a charge.

Direct Reply

The reply to your SMS message is handled via your service center when Direct Answer is activated (for information please contact your service provider).

SMS via GPRS

Send SMS automatically by GPRS (if available).

Requirement: GPRS is activated (p. 74). Ensure that your service provider offers this function.

Send & Save

Sent SMS messages are saved in the **Sent** list.

Activate profile

Select profile.

Activate

Press to activate profile.

MMS

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

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

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

Writing/sending MMS messages

An MMS consists of the address header and the content.

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

Texts can be written with the help of T9 (p. 31).

Pictures and **graphics** that have been produced with accessories such as the Mobile Camera (p. 95) and can be attached in JPEG, WBMP, GIF or GIF format. See also **My Stuff**, p. 86.

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

Navigation



Scroll line by line with the control key.

Menu



New MMS

123 MMS Editor

To:

Subject:



Options

Input fields:

To:



Phone number/e-mail address of recipient/s.

Subject:

Enter MMS heading (up to 40 characters)

Picture:

Insert buttons. The picture list is opened for selection.

Additional information

You can also easily send an image by MMS immediately after taking it with the Mobile Camera (see p. 42).

Text: **Edit** buttons. Write text with the help of T9. Text menu, see p. 54.

Tones&Alerts: **Insert** buttons. You can now select a stored melody (see also **My Stuff**, p. 86) or record a new melody (see below).

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

Record new melody (ring tone) for MMS

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

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

Stop End recording.

Attach extra pages

Options Open menu.

New slide Select.

Additional notes

No more than 20 phone numbers/addresses, (of 50 characters each) can be addressed.

Options MMS main menu p. 54

Check MMS

Check the MMS message before sending it:

Options Open menu.

Preview slide
View a single page.

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

Send MMS.

Options	Open menu.
Send	Select.

Text menu

Options	Open menu.
----------------	------------

Line Feed	Start new line.
Save	Save MMS text.
Delete Text	Delete the whole text.
T9 Input (p. 30)	T9 Preferred Activate/deactivate T9 input. Input language Select language for text.
Text Modules	Predef. Texts insert (p. 33).

MMS menu

Different functions are available depending on the context:

Options	Open menu.
----------------	------------

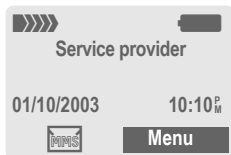
Insert line	Extend address field by one line.
Delete	Delete entry.
Insert From...	Insert entry from Phonebook.
Send	Send MMS.
Save	Store MMS in the draft list.
New slide	Insert new page behind current one.

Delete item	Delete element on a page.
Delete slide	Delete page currently displayed.
Preview slide	Playback of complete page.
Slide List	Display pages available for selection.
Prev. Message	Playback of complete MMS. Use any key to cancel.
T9 Input (p. 31)	T9 Preferred: Activate/deactivate T9 input. Input language: Choose language in which the text is to be written.
Attributes	Date:, Size:, Priority: display MMS.
Extras	Specifying additional properties for the MMS.

Receive MMS



Indicates reception or notification of an MMS.



To read the MMS or notification, press left soft key.

Depending on the setting, (p. 57) the

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

Press any key to cancel function.



Automatic presentation of MMS. Use any key to cancel.



Scroll page by page using the control key.



Call up individual pages directly by number key.

Attachment

A single MMS can contain several attachments.

Options Open menu.

Attachment

Select.



Select attachment.



The attachment is opened with the available application.



The attachment is saved under a name.

Pictures and sounds

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

Options Open menu.

Content

Select.

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

Functions for editing MMS can be found under **Options**.

Lists

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

Inbox

Menu →  → Inbox → MMS

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

Draft

Menu →  → Draft → MMS

The list of as yet unsent MMS messages is displayed.

Unsent

Menu →  → Unsent → MMS

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

Sent

Menu →  → Sent → MMS

The list of sent MMS messages is displayed.









Lists menu

Each list offers different functions:

Options Open menu.

Play	Play back MMS.
Edit	Open text input for editing.
Reply	Reply to MMS immediately.
Receive MMS	Start inward transmission of MMS when only notification is highlighted (p. 57).
Receiv.all MMS	Start receipt of all new MMS messages.
Forward	Forward MMS to new recipients.
Delete	Delete selected MMS messages.
Delete All	Delete all entries after confirmation.
Mark a.unread	Mark MMS as unread.
Attributes	Information on MMS is displayed: <ul style="list-style-type: none"> • Sender • Arrival time • Subject • Size • Priority
Capacity	Size of current MMS as well as capacity still available are shown.
Preview slide	Play back current page.

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

Symbol	Meaning
	MMS unread
	MMS read
	MMS draft
	MMS sent
	MMS read and forwarded.
	MMS read with dispatched confirmation
	Notification unread
	Notification read

MMS Profiles

Menu →  → **Msg. Setup**
→ **MMS Profiles**

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



Select profile.

Options Open menu.

Change Sett.
Select.

Expire Time Select the maximum period for which the service center should try to deliver the message. After this period if the message is still undelivered it will be deleted from the service center.
Manual, 1 hour, 3 hours, 6 hours, 12 hours, 1 day, 1 week, Maximum*
* Maximum period that the service provider permits.

Def. Priority Send priority: **Medium, High, Low**

Def. Duration Length of display for an MMS page (standard requirement).

Retrieval	<p>Receive complete MMS or only notification of arrival.</p> <p>Automatic</p> <p>Receive complete MMS immediately.</p> <p>Auto.homenet</p> <p>Receive complete MMS immediately in home network.</p> <p>Manual</p> <p>Only the notification is received.</p>
MMS Relaysrv.	<p>MMS relay URL, e.g. http://www.webpage.com</p>
IP Settings	<p>IP address: Enter IP-address.</p> <p>Port: * Enter port number.</p> <p>These settings can be different from those of the WAP browser.</p>
Conn.profile:	<p>Select or set access profile (p. 74).</p>

Activate profile



Select profile.

Activate

Press to activate profile.

T9 settings

Menu



→ Msg. Setup

→ Select a function.

T9 Preferred

Activate/deactivate intelligent text entry (see also p. 31).

Input language

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

CB Services

Menu →  → Msg. Setup
→ CB Services

Some service providers offer information services (info channels, **Cell Broadcast**). If reception is activated, your **Topic List** will supply you with messages on the activated topics.

Broadcast

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

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

Topic List

Enter these in your list of interesting topics.

New topic Select.


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

Channel: Select

Options Open list menu.

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

To switch to "full page view":

 press, then press **View CB**.

Displays



Topic activated/deactivated.



New messages received on the topic.



Messages already read.

Surf & Fun

Internet browser (WAP)

Menu →  → Select function

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

Home



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

Bookmarks

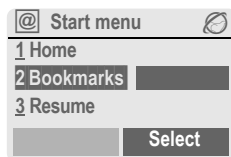
List of URLs for fast access.

Internet



The browser is activated as soon as you call up the function. The functions of the soft keys vary, depending on the internet page, for example "link" or "menu". The contents of the option menus are also variable. If necessary, set the way in which WAP access should be made (see **browser menu**, **Setup**, **Start with...**, p. 61).

For example the start menu appears:



Select desired function.

Select

Confirm.

Start menu

Homepage	The connection to the Internet provider's portal is established (may be set/preset by the service provider).
Bookmarks	List of URLs for fast access.
Resume	Call up recently visited pages that are still in the memory.
Inbox	Inbox for messages from the WAP server (WAP push).
Profiles	The list of profiles is displayed for activation/setting (p. 62).
Exit browser	Close the browser and shutdown the connection.

End connection



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

Your Internet browser is licensed by:



Browser menu

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



Press



or
 confirm.

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

Bookmarks Up to 50 URLs stored in the phone for fast access.

Resume Call up recently visited pages that are still in the memory.

Go to... Enter URL to access WAP page directly, e.g.
wap.my-siemens.com
 Select from list of most recently visited WAP addresses.

Reload Reload page.

Inbox Inbox for messages from the WAP server (WAP push).

Disconnect End connection.

Save bitmap Save picture(s) of displayed page.

More ... See below.

Exit browser Close the browser and shutdown the connection.

More ... (in menu)

Profiles The list of profiles is displayed for activation/setting (p. 62).

Setup Font size

Protocol parameters

- Push
- Push can force online
- Timeout for unanswered network requests

Security

- Secure prompt
- Current certificate
- CA certificates
- Private Key PINs
- Authentication

Start with...

- Start menu
- Browser menu
- Home
- Resume
- Bookmarks








Picture&Sound

- Picture
- Dithering
- Sounds

Reset Restart session and clear cache.

About Openwave Display browser version.

Additional notes

-  Browser menu.
-  Offline.
-  Online.
-  GPRS online.
-  No network.
-  Select special characters, such as @, ~, \, see p. 30
- or
-  press repeatedly for:
.,?!' " 0 - () @ / : _

WAP profiles

Menu →  → Internet
→ Profiles

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

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

Check with your service provider if necessary.

Activate WAP profile

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



Select profile.

Select Activate. The current profile is selected.

WAP profile setting

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



Select profile.

Edit Open to make settings.

Profile name

Enter/change name.

WAP param.



IP address: Enter IP- address.

Port: Enter port number.

Homepage: Enter homepage, if not set by the service provider.

**GPRS
lingertime
CSD
lingertime** Time in seconds after which a connection should be ended if no input or data exchange takes place.

Conn.profile: Select or set access profile (p. 74).

Save Save settings.

Games & More

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

Additional information

To download applications, the WAP profile (p. 62), HTTP profile (p. 75) and access (p. 74) must be configured.

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

Sounds (ringer)/vibrating
alert on/offp. 80

Applications and games can be found at:

wap.my-siemens.com

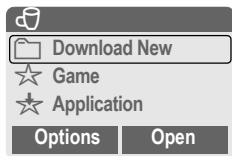
or on the Internet at:

www.my-siemens.com/city

Games and applications

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

Menu →  → **Games & More**



Different functions are available depending on which entry is highlighted:

Download New

Internet

The selected Internet page is loaded.

Carry out game/application offline

Select

Loadable application can be started immediately.

Load game/application online

Select

Only description file, application has still to be loaded.

Receive information

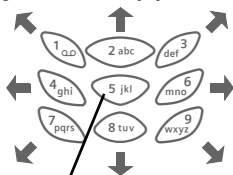
If information required, say, by an application that has already been installed, is received via **SMS**, the ☆ symbol appears in the display. By pressing the left control key, the relevant application is started and the information is processed.

Games

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

Key control

The following key control is used for many games (virtual joystick):



function
depends on the game

or use the key

Games & More Options

Processing and managing your applications and folders:

New Folder	Start folder.
Download	An application is downloaded from the Internet and installed.
Delete	Delete selected application/folder.
Delete All	Delete all applications/folders after confirmation.
Rename	Rename highlighted applications/folders.
HTTP Profile	The list of profiles is displayed for activation/setting (p. 75).
Reinstall	Reinstall an application (update).
More Info	Download further instructions via Internet (WAP), if available.
Details	Show details of the application/folder (name, version, size, path, producer, date).
Sort	Set criteria for sorting folders & applications (name or date).
Capacity	Display the capacity used and available.

Additional information

WAP can be used to download applications (e.g., ringtones, games, pictures, animation) from the Internet. Downloading or running applications will not affect or change the software already installed on your Java™-enabled mobile phone.

Siemens excludes all warranty and liability claims in respect of or in connection with any applications subsequently installed by the customer and not included in the original delivery package. This also applies to functions enabled subsequently at the customer's instigation. The purchaser bears sole risk for the loss of, damage to, and any defects arising in, this device or the applications and for any direct damage or consequential damage of whatever nature resulting from the use of these applications.

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

In these cases the purchaser will need to download the application again or re-enable it as well. Your use of this device must not infringe the rights of any third party. Note that your device has Digital Rights Management (DRM) so that individual applications downloaded via WAP are protected against unauthorized copying. These applications are only intended for your device and cannot be transmitted from this device for backup purposes.

Siemens does not warranty or guarantee or accept any liability for the customer's ability to download, enable, or back up applications again or to do so free of charge. Back up your applications on the PC, if this is technically possible, using Siemens Data Exchange Software.

Setup

Profiles

Menu →  → Profiles

Several settings can be stored in a phone profile in order, for example, to adapt the phone to the surrounding level of noise.

- Five profiles are standard with default settings, they can be changed however:

Normal Env.

Quiet Env.

Noisy Env.

Car Kit

Headset

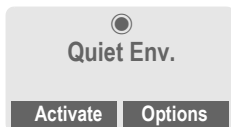
- You can set two personal profiles (<Empty>).
- The special profile **Aircraft Mode** is fixed and cannot be changed, (p. 67).

Activate



Select default profile or personal profile.

Activate Activate profile.



Setup

Edit a default profile or create a new personal profile:



Select profile.

Options Open menu.

Change Sett.

Select.

The list of available functions is displayed:

Call Screening p. 81

Key Tones p. 81

Info Tones..... p. 81

Large Font p. 68

Illumination p. 69

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

Additional notes



Active profile.

Profile menu

Options Open menu.

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

Car Kit

If a Siemens original Car Kit is used (p. 96) the profile is activated automatically as soon as the phone is inserted into the cradle (p. 70).

Headset

If an original Siemens headset is used (p. 95), the profile is activated automatically when the headset is used.

Aircraft Mode

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

Activate



Scroll to **Aircraft Mode**.

Select

Switch on profile.

A security prompt must be confirmed.

The phone switches itself off automatically.

Normal operation


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

Display

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

Language

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

*#0000# 

Background

Set background graphic for display or.

Download New

Download new background images from the Internet.

Logo

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

Download New

Download new logo from the Internet.

Color Scheme

Select color scheme for the user interface.

Activate color scheme



Select color scheme.

Activate

Activate.

Own Greeting

Enter greeting to be displayed when phone is switched on.

Change

Switch on/off.



Delete old greeting and create new greeting.


OK

Confirm changes.

Large Font

You can choose between two font sizes for the display.

Menu

-  → Display
→ Select a function.

Illumination

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



Press the control key repeatedly to adjust up or down.

Contrast

Set display contrast.



Press the control key repeatedly to adjust up or down.

Screensaver

Menu

-  → Screensaver

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


Enable	Activate/deactivate screensaver.
Style	Digital Clock, Bitmap or Energy Saving.
Preview	Display the screensaver.
Timeout	Set period after which the screensaver starts.
Code Protect.	Phone code protected termination of the screensaver.

Additional notes

You can also receive individual logos and screensavers by SMS (p. 45), MMS (p. 52) or WAP (p. 60). See also **My Stuff**, (p. 86) and **My phone**, (p. 23).

Call Setup

Menu

-  → Call Setup
→ Select a function.

Hide ID



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

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


Call Waiting



If you are registered for this service, you can check whether it is set and you can activate/deactivate it (see also p. 27).

Any to Answer

Incoming calls can be accepted by pressing any key

(except for ).

Minute Beep

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

Car Kit

Only in combination with an original Siemens Speakerphone Car Kit (p. 96). If an original Siemens Car Kit Portable is used the profile is activated automatically as soon as the phone is inserted into the cradle.

Auto Answer

(factory default: off)

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



Shown on the display.

Auto Phone Off

(factory default: 2 hours)

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


Car Loudspeaker

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

Automatic settings:

- Permanent illumination: switched on.
- Key lock: switched off.
- Charging the phone battery.
- Automatic activation of the Car Kit profile when phone is inserted in cradle.

Menu

→  → **Call Setup**
→ Select a function.

Headset

Only in conjunction with an original Siemens headset (p. 95). If an original Siemens Headset is used the profile is automatically activated when the headset is plugged in.

Auto Answer

(factory default: off)

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

Eavesdropping is possible!

Automatic setting


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

Auto answer

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

Call Forward

Menu

→  → **Call Forward**
→ Select a function.

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

Set up call forwarding (example):

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

All Calls



Other calls are forwarded.



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

Unanswered



Select **Unanswered**.
(Includes the conditions **Not Reachable, No Reply, Busy** see below)

Select

Press.

Set



Select.
Enter the phone number to which the caller will be forwarded (if not already done)

Or



Select this phone number from the Phonebook or via **Mailbox**.

OK

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

Not Reachable

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

No Reply

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

Busy

Forwarding occurs if a call is in progress. If **Call Waiting** is activated (p. 70), you will hear the call waiting tone during a call.

Status Check

You can check the current forwarding 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 forwardings are cleared.



Additional notes

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

Check condition or delete it

First select the condition.

Select Press.

Check status

Select.

Or

Delete Select.

Reactivate forwarding

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

Edit phone number

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

Delete Press. The phone number is deleted.

Enter new number and confirm.

Clock

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

Time/Date

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

Change Press.



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

Additional notes

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

Setting of the date format to:

DD: Day (2-digit)

MM: Month (2-digit)

YYYY: Year (4-digit)

Time Format

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

Time Zones

Specify your current time zone.



Select the desired time zone from the list ...

Set ... Apply it.


Options Open menu.

DST Activate/deactivate selection. A sun is displayed when summer time is activated.

View Display selected time zone with date and time.

Set Set time zone.

Rename Rename the time zone.

Auto timezone  The time zone is automatically converted to local time by the network.


Date Format

DD.MM.YYYY or MM/DD/YYYY

Show Clock

Activate/deactivate time display in standby mode.

Connectivity

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

GPRS



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

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

Some service providers do not yet support this service.

Yes / No Switch GPRS function on/off

Shown in display:

GPRS Activated and available.

|GPRS| Registered.

GPRS Connection briefly lost.

GPRS▶ Download

Data Counter

Displays amount of data downloaded.

Conn. Profiles

For the **MMS**, **Wap** and **Java** application at least one connection profile must be set up and activated. Presets of the phone depends on current service provider. If necessary, check with your service provider for details. The current settings for a service provider can be found on the Internet at **www.my-siemens.com/customer care** under "FAQ".



Select profile.

Options Open menu.

Change Sett.

Press, then:

For CSD (Circuit Switched Data)

CSD settings

Select.

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

Edit Press.

Dial-up number Enter ISP number.

Call type: Select ISDN or analogue.

Login name: Enter login name.

Password: Enter password (shown as a series of asterisks).

DNS 1 / DNS 2: (optional).

Save Save settings.

For GPRS (General Packet Radio Service)

GPRS Settings

Select.

You can activate GPRS for the profile and change the settings here. You can only start to use GPRS once you have activated GPRS on your phone (p. 74).

Edit Press.

APN: Enter provider address.

Login name: Enter login name.

Password: Enter password (shown as a series of asterisks).

DNS 1 / DNS 2: (optional).

Save Save settings.

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

HTTP Profile



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

Authentication

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

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

Security

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

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

Only



(PIN2-protected)

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

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

Last 10 Only



(Phone-code protected)

Only phone numbers from the call list of "dialed numbers" (p. 40) can be dialed. This list can be filled with phone numbers specifically for this purpose.

First delete the call list, then create "new entries" by dialing phone numbers and canceling before the connection is established.

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

Codes

PIN Control, Change PIN, Change PIN2, Change Phonecode, (p. 22).

This SIM Only



(Phone-code protected)

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

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

Barrings



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

All Outgoing

All outgoing calls, except emergency calls, are blocked.

Outgo Internat

(Outgoing international):
Only domestic calls are possible.

Outgoing Internat. X Home Barred

(Outgoing international except home)

International calls are barred. However you can make calls to your home country when abroad.

All Incoming Calls

The phone is barred for all incoming calls (the forwarding of other calls to the mailbox offers a similar function).

When Roaming

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

Status Check

The following information can be displayed after a status check:



Barring set.



Barring not set.



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

Clear All

All barrings are deleted. A password supplied by your service provider is required for this function.

Menu



Select a function

→ Security

Phone Identity

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

Alternatively enter in standby mode:
***#06#**

Software version

Display of software version in standby mode:

***#06#**, then press **Info**.

Filesystem Clean Up

(Phone code is protected)

The file manager is defragmented.

Master Reset

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

Alternatively enter in standby mode:
***#9999#**

Network

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

Line



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

Two independent phone numbers must be registered on the phone.

Select

Select the currently used phone number.

1 → Display the current phone number.

Block line

(Phone code is protected)

You may limit usage to one phone number.

Additional notes

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



Press.

Line 1

Press.

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

Network Info

The list of GSM networks currently available is displayed.



Indicates forbidden service providers (depending on SIM card).

Auto Network

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

Choose Network

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

Preferred network



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

Additional information

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

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

Your service provider is displayed:

List Display list of preferred networks.

Create new entry:

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

Change/delete entry:

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

Fast Search

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

Tones&Alerts

Menu →  → Select function.

You can set the tones to match your needs.

Ringer Setting

On/Off Activate/deactivate all ring tones.

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

Additional notes



Displays: Beep.



Displays: Ringer off.

Vibrating Alert

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

Volume

You can set the same volume for all ring tones.



Set volume.



Confirm.

Additional notes

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

Calls, Group calls, Other calls:, Alarm Clock, Messages

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



Select ring tone.



Confirm.

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

Additional notes

Individual ring tone melodies can be sent to you via **SMS/MMS** or you can download them via **WAP** (p. 60). See also **My Stuff**, p. 86 and **My phone**, p. 23.

More Tones...

Menu →  → More Tones...
→ Select a function.

Call Screening



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

If you do not accept these calls, they are forwarded to your mailbox (if set, p. 71).



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

Key Tones

You can set the acoustic key
acknowledge tone:

Click or Tone or Still

Minute Beep

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

Info Tones

Set service and alarm tones:

On/Off Activate/deactivate tones.

Extras

Menu →  → Select function.

SIM services (optional)



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

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



Symbol for SIM services.

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

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

Alarm Clock

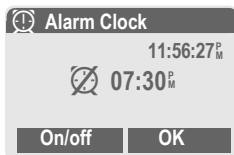
The alarm will ring at the time set by you, even when the phone is switched off.

Setting

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

Confirm settings.

OK



On/off

Activate/deactivate the alarm.

Additional notes




Alarm clock activated.



Alarm clock deactivated.



Screen display in standby mode: Alarm clock activated.

Menu →  → Select function.

Calculator



Enter number
(up to 8 digits).



+ Select calculate
function.



Repeat procedure with
other numbers.



Result is displayed.

Calculator functions

. = + - * / Press the right soft key
repeatedly.

Toggle between "+" and "-".

% Convert to percent.

↓ Save the displayed number.

↑ Retrieve the number saved.

e Exponent (maximum of
two digits).

Special keys:



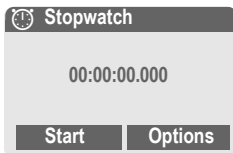
Set decimal point.



Add (**hold down**).

Stopwatch

Two intermediate times can be
recorded and saved.



Reset

Reset to zero.



Start/stop.



Intermediate time.

Stopwatch menu

Options

Open menu.

Save

Record the time(s)
measured and assign
a name to them.

Reset

Reset stopwatch.

Stopwatch list

Display the stored times.
View Display the stored
times and intermediate
times.

Rename Rename stored
entry.

Delete Delete entry.



Delete All Delete list.

Fast access key

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

Additional notes

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

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

Available key assignments:

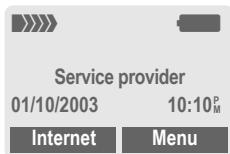
Internet (WAP)	p. 60
Phone number	p. 34
Alarm Clock	p. 82
New SMS	p. 45
Illumination	p. 69
Hide ID	p. 70
Missed Calls	p. 40
Received Calls	p. 40
Inbox (Messages)	p. 49
Phonebook	p. 34
Games & More	p. 63
Predef. Texts	p. 33
Drafts	p. 57
Camera	p. 41
Calculator	p. 83
Stopwatch	p. 83

Screensaver	p. 69
Vibrating Alert	p. 80
Call Screening	p. 81
Call Forward	p. 71

Left soft key

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

Change



Internet

Press **briefly**.

Change

Scroll to application in the list.

- Assign a new function (e.g. **New SMS**) to the soft key.
- Special case **Phone Number**. Retrieve a name (e.g. 'Carol') as the default for the soft key.

Select

Confirm setting.

Apply

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

Carol

Hold down.

Speed dialing keys

Number keys 2 to 9 can be used as speed dialing numbers for fast access. For available key assignments see p. 84. Number key 1 is reserved for the mailbox number (p. 43).

Change

In standby mode:



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

Set

Press.

Or

New SMS

Press **briefly** (if assigned to **New SMS**, for example).

Change

Scroll to application in the list.

Special case **Phone Number**. Pick out a name from the Phonebook for assignment to the key.

Special case **Bookmarks**. Scroll to a URL in the bookmark list for assignment to the key.

Select

Confirm setting.

Apply

Select a stored phone number or start a stored application (e. g. **New SMS**).

In standby mode:



Press briefly.

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

New SMS Hold **down**:

Or simply



Hold **down**.

My Stuff

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

Menu → 

Files and folders are displayed.

You can scroll through these lists using the control key:



Scroll up and down.



Jump back from a folder.

Open

Open folder or execute file using related application.

Index structure

The file manager assigns special folders to different data types.

Folders	Contents	Format
Pictures	Images	*.bmp *.gif *.jpg *.jpeg
Animations	Animations	*.bmx *.gif
Tones&Alerts	Ring tones, melodies, sounds	*.mid
Camera*	Own Photos (p. 41)	*.png

* Is a subfolder of Pictures and only available once the camera has been attached and pictures have been taken.

The following folders are also included in these main folders:

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

File manager menu

Options Open menu.

Open Open folder.

Delete Delete current entry.

Delete All Delete all entries.

Rename Rename highlighted entry.


Send via... Send highlighted entry.



Attributes Display information on file or folder selected.

Capacity Display the capacity used and available.

Questions & Answers

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


Question	Possible causes	Possible solution
Phone cannot be switched on.	On/Off key not pressed long enough. Dead battery. Battery contacts dirty. See also below under: "Charging error"	Press On/Off key for at least two seconds. Charge battery. Check charging indicator in the display. Clean contacts.
Insufficient standby time.	Frequent use of games. Fast search active. Display illumination switched on. Unintentional keystrokes (illumination!).	Restrict use if necessary. Deactivate speed search (p. 79). Switch off display illumination (p. 69). Switch on key lock ( press for long time).
Charging error (charge icon not displayed).	Battery totally discharged. Temperature out of range: +41 °F to +104 °F. Contact problem. No voltage. Wrong charger. Battery faulty.	1) Plug in charger cable, battery is on charge. 2) Charge icon appears after approx. 2 hours. 3) Charge battery. Make sure the ambient temperature is right, wait a while, then recharge. Check power supply and connection to the phone. Check battery contacts and device plug socket, clean them if necessary, then insert battery again. Use different power socket, check voltage. Only use original Siemens accessories. Replace battery.
SIM error.	SIM card not correctly inserted. SIM card contacts dirty. SIM card with wrong voltage. SIM card damaged (e.g. broken).	Check that the SIM card is inserted correctly (p. 15). Use a dry cloth to clean the SIM card. Use 3 V SIM cards only. Visually inspect the damage. Have SIM card replaced by service provider.

Question	Possible causes	Possible solution
No connection to network.	Weak signal. Outside GSM range. SIM card not valid. New network not authorized. Network barring is set. Network overloaded.	Move to higher location, to a window or open space. Check coverage area of service provider. Contact the service provider. Try manual selection or select a different network (p. 78). Check barrings (p. 76). Try again later.
Phone loses network.	Signal too weak.	Reconnection to another service provider is automatic (p. 78). Switching the phone off and on may speed this up.
Calls not possible.	2nd line set. New SIM card inserted. Credit used up.	Set first line  (p. 78). Check for new restrictions. Load credit.
Certain uses of the phone not possible.	Call restrictions are set.	Barrings may be set by your service provider. Check barrings (p. 76).
No entries possible in Phonebook.	Phonebook is full.	Delete entries in Phonebook (p. 34).
Voice mail does not work	Call forwarding to the mailbox not set.	Set call forwarding to the mailbox (p. 71).
SMS (text message)  flashing.	SMS memory full.	To free up capacity, delete (p. 49) or file (p. 50) text messages (SMS).
Function cannot be set.	Not supported by service provider or registration required.	Contact your service provider.
Memory problems for, e.g. messages, ring tones, pictures.	Phone memory full.	Delete files in the applicable areas and unneeded T9 dictionaries.
No WAP access, no download possible.	Profile not activated, profile settings wrong/incomplete.	Activate WAP profile (p. 62), set (p. 62). If necessary, ask your service provider.

Question	Possible causes	Possible solution
Message cannot be sent.	Service provider does not support this service. Phone number of the service center is not set or is wrong. SIM card contract does not support this service. Service center too busy. Recipient does not have a compatible phone.	Check with your service provider. Set service center (p. 50). Contact your service provider. Repeat message. Check.
EMS pictures and sounds not displayed at destination phone.	Recipient's phone does not support EMS standard.	
No Internet access possible.	Wrong WAP profile set or settings wrong, incomplete.	Check settings, speak to service provider if necessary.
PIN error/ PIN2 error.	Multiple 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.	Multiple wrong entries.	Contact Siemens Service (p. 90).
Service provider code- error.	No authorization for this service.	Contact your service provider.
Too few/too many menu entries.	Functions may have been added or removed by your service provider via the SIM card.	Check with your service provider.
Charge counter does not work.	Charge pulse is not transmitted.	Contact your service provider.

Damage

Severe shock.	Remove battery and SIM and insert them again. Do not dismantle phone!
Phone became wet.	Remove battery and SIM. Dry immediately with a cloth, but do not apply heat. Dry connector contacts thoroughly. Set phone to vertical position in air flow. Do not dismantle phone!

Reset settings to factory default (see also p. 77): * # 9 9 9 9 # 

Customer care

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

Our online support on the Internet:

www.my-siemens.com/customer-care

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 can also look up the most frequently asked questions and answers in this user guide in the "Questions & Answers" section, p. 87.

Replacement or repair services are not on offer in countries in which our products are sold by non-authorized dealers.

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

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

If repair work is necessary or you have a claim under warranty or guarantee you will receive rapid, reliable assistance from our Service Centers:

Abu Dhabi	0 26 42 38 00	Finland	09 22 94 37 00
Argentina	0 80 08 88 98 78	France	01 56 38 42 00
Australia	13 00 66 53 66	Germany	0 18 05 33 32 26
Austria	05 17 07 50 04	Greece	0 80 11 11 11 16
Bahrain	40 42 34	Hong Kong	28 61 11 18
Bangladesh	0 17 52 74 47	Hungary	06 14 71 24 44
Belgium	0 78 15 22 21	Iceland	5 11 30 00
Bolivia	0 21 21 41 14	India	22 24 98 70 00 Extn: 70 40
Bosnia Herzegovina	0 33 27 66 49	Indonesia	0 21 46 82 60 81
Brazil	0 80 07 07 12 48	Ireland	18 50 77 72 77
Brunei	02 43 08 01	Italy	02 24 36 44 00
Bulgaria	02 73 94 88	Ivory Coast	05 02 02 59
Cambodia	12 80 05 00	Jordan	0 64 39 86 42
Canada	1 88 87 77 02 11	Kenya	2 72 37 17
China	0 21 50 31 81 49	Kuwait	2 45 41 78
Croatia	0 16 10 53 81	Latvia	7 50 11 18
Czech Republic	02 33 03 27 27	Lebanon	01 44 30 43
Denmark	35 25 86 00	Libya	02 13 50 28 82
Dubai	0 43 96 64 33	Lithuania	8 52 74 20 10
Egypt	0 23 33 41 11	Luxembourg	43 84 33 99
Estonia	06 30 47 97	Macedonia	02 13 14 84

Malaysia.....	+ 6 03 77 12 43 04
Malta	+ 35 32 14 94 06 32
Mauritius	2 11 62 13
Mexico	01 80 07 11 00 03
Morocco	22 66 92 09
Netherlands	0 90 03 33 31 00
New Zealand	08 00 27 43 63
Nigeria	0 14 50 05 00
Norway.....	22 70 84 00
Oman	79 10 12
Pakistan	02 15 66 22 00
Paraguay	8 00 10 20 04
Philippines	0 27 57 11 18
Poland.....	08 01 30 00 30
Portugal	8 08 20 15 21
Qatar.....	04 32 20 10
Romania	02 12 04 60 00
Russia	8 80 02 00 10 10
Saudi Arabia	0 22 26 00 43
Serbia	01 13 07 00 80
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 27 22 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.....	84 89 30 01 21
Zimbabwe	04 36 94 24

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 the 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 abrasive chemicals, cleaning solvents, or strong detergents to clean the phone!

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

Product data

Declaration of conformity

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

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

Technical data

GSM class:	4 (2 watt)
Frequency range:	824 - 894 MHz
GSM class:	1 (1 watt)
Frequency range:	1,850 -1,990 MHz
Weight:	85 g
Size:	110x47x23 mm (91 ccm)
Li-Ion battery:	700 mAh
Operating temperature:	14 °F ... 131 °F
SIM card:	3.0 V

Operating time

A full battery will deliver up to 250 hours of standby time or up to 270 minutes of talk time.

The operating time depends upon the use:

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

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

Phone ID

You will need the following details if you lose your phone or SIM card. Please enter here:

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

.....

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

.....

the service provider's Customer Service number:

.....

Lost phone

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

Accessories

Energy

Li-Ion Battery 700mAh EBA-510

Spare battery.

Travel Charger

ETC-520

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

Car Charger ECC-500

Charger for the cigarette lighter socket in the car.

Desk Top Charger EDC-510

The Desk Top Charger enables the phone to be charged easily as well as an additional battery.

Handsfree Portable

Headset PTT HHS-510

Headset with PTT button for accepting or ending calls.

Multitainment

Mobile Camera IQP-500

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

Fashion & Mobility

Tour Case FCT-651

Stylish protection for active use.

CLIPit Covers

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



Original Siemens Accessories

[www.siemens.com/
mobilestore](http://www.siemens.com/mobilestore)

Car Solutions

Portable Car Kit HKP-500

Speakerphone kit with integrated loud-speaker and microphone and auto answer feature. Simply plug into the cigarette lighter socket. Particularly ideal for easy transfer between vehicles.

Basic Car Pack HKB-500

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

TTY Cable DCA-531

The TTY Cable connects and allows communication between a TTY device and Siemens GSM headsets.

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

The Siemens logo, consisting of the word "SIEMENS" in a bold, sans-serif font inside a square border.The "Original Accessories" logo, with the word "Original" in a large, stylized font and "Accessories" in a smaller font below it, all within a square border.

Original Siemens Accessories

[www.siemens.com/
mobilestore](http://www.siemens.com/mobilestore)



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 safe-

ty 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.¹

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

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

oversight of new CTIA-funded research based on such recommendations.

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

- Two groups of 18 people were exposed to simulated mobile phone signals under laboratory conditions while they performed cognitive function tests. There were no changes in the subjects' ability to recall words, numbers, or pictures, or in their spatial memory, but they were able to make choices more quickly in one visual test when they were exposed to simulated mobile phone signals. This was the only change noted among more than 20 variables compared.³
- In a study of 209 brain tumor cases and 425 matched controls, there was no increased risk of brain tumors associated with mobile phone use. When tumors did exist in certain locations, however, they were more likely to be on the side of the head where the mobile phone was used. Because this occurred in only a small number of cases, the increased likelihood was too small to be statistically significant.⁴

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

sociated 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 Ex-

posure 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.nrp.org.uk>
- Cellular Telecommunications Industry 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/>

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

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

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

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

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.



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

Provided by the Cellular Telecommunications Industry Association (CTIA)

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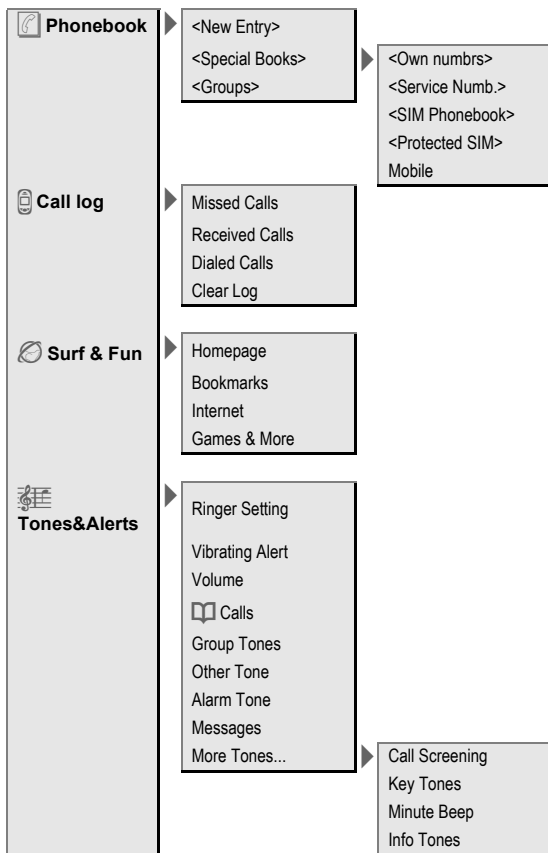
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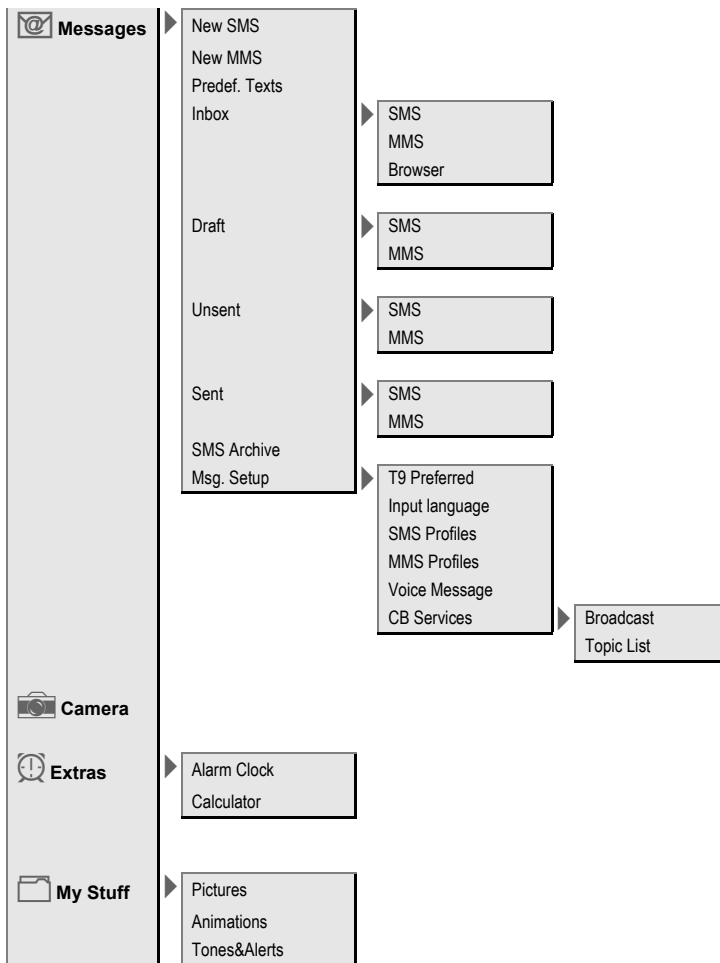
The capacity of your cell phone battery will reduce each time it is charged/emptied. Storage at too high or low temperatures will also result in a gradual capacity loss. As a result the operating time of your cell phone may be considerably reduced, even after a full recharge of the battery.

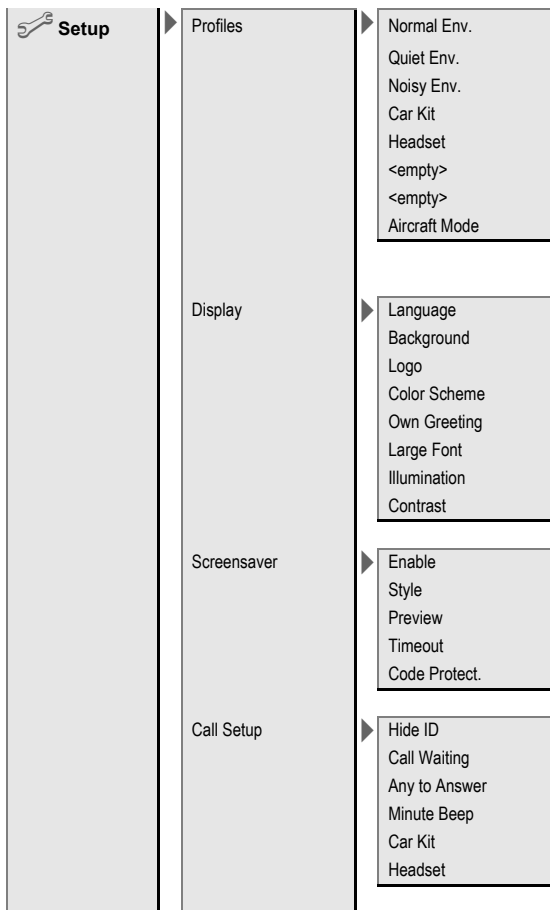
Regardless of this, the battery has been designed and manufactured so that it can be recharged and used for six months after the purchase of your cell phone. After six months, if the battery is clearly suffering from loss of performance, we recommend that you replace it. Please buy only Siemens original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

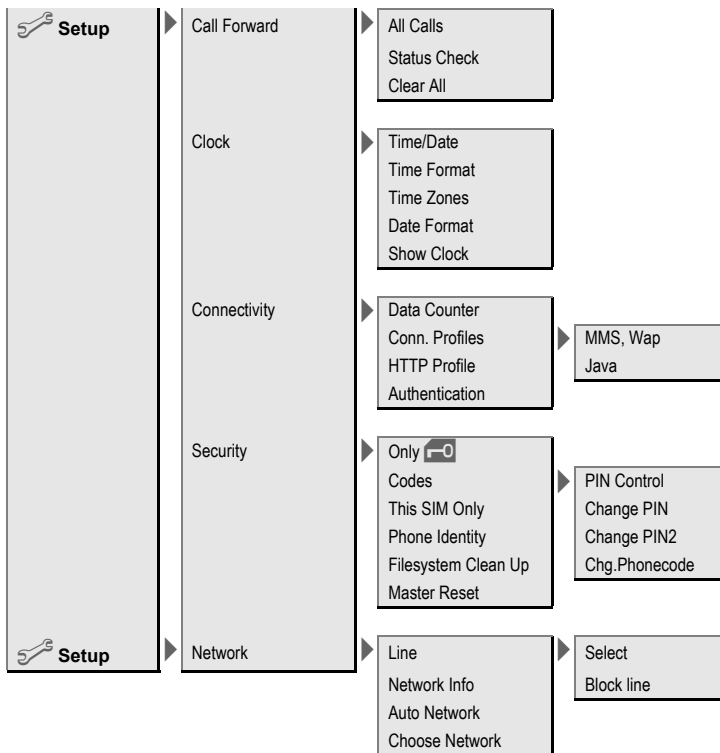
Menu tree

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









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