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This is a summarised version of the Operating Manual. The complete version can be found in the Internet at this address:
www.siemens-mobile.com/sk65

Legal notices

The mobile phone described in this guide is approved for use on the GSM and GPRS networks operating on the GSM 900, 1800 (DCS/PCN) and 1900 (PCS) bands. It is approved for use in the country where it was originally sold and may be approved for use in other countries.

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Export Information

The mobile phone may be subject to export regulation of the United States and other countries. Diversion contrary to law is prohibited. You must comply with all applicable export laws, restrictions and regula-

tions of the United States foreign agencies or authorities, and may not export, or transfer for the purpose of re-export, the mobile phone or any part of the phone in violation of any applicable restrictions, laws or regulations, or without all necessary approvals.

Network Services

A number of features included in this guide are called Network Services. They are special services provided by wireless service providers. In order to use any of these Network Services, you must subscribe to these service(s) from your service provider and obtain instructions for their use. Some of these Network Services may not be available when roaming on a network other than your home network.

Standby and Talk Time Information

The mobile phone incorporates features that are new to the mobile phone world. These may include color displays and lighting, graphic games, music reproduction and browsing the Internet. The way you use the display and the features will affect the performance of the battery and how long it lasts between charge cycles. The quoted standby times and talk times show the minimum and maximum performance that can be expected from the battery under normal network condi-

tions and with the default settings as set by the factory. However, playing games (particularly with the backlight continuously switched on) and listening to music will shorten the time available for standby and to make and receive telephone calls. Operation times also vary depending on network conditions, SIM settings, charging and battery condition, how you use your phone and other factors.

Memory

The mobile phone contains an internal memory device that stores the software required to operate the mobile phone, communicate with the GSM/GPRS network and provide the user interface. Some features in the internal memory run additional devices and some additional games and utilities. The amount of memory available in the mobile phone is finite and may be insufficient to store large numbers of applications and files.

Warning!

Remember to back up your data and to do so frequently. Always back up all data and programs before sending the mobile phone in for repair.

Safety precautions

Information for parents

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



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



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



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



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



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



The ringtone (p. 44), info tones (p. 46) and handsfree talking are reproduced through the loudspeaker. Do not hold the phone to your ear when it rings or when you have switched on the handsfree function (p. 22). Otherwise you risk serious permanent damage to your hearing.



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



Do not use an optical magnifier to look at the activated infrared interface [Class 1 LED product (classification as per IEC 60825-1)].

Important



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



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



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

Improper use will invalidate the guarantee! These safety instructions also apply to Siemens original accessories.

To ensure perfect operation of the phone, please only use the phone with the keypad completely open or completely closed.

Bluetooth™

Your phone has a Bluetooth™ interface. This makes it possible to establish a wireless connection of your phone with a headset of a car kit, or with other Bluetooth™-enabled devices.

In order to establish a secure link between the devices and to prevent a third party from having access to your phone, you should observe the following points:

- The initial connection between two devices, what is called "pairing", should take place in familiar surroundings.
- Both devices must be able to identify themselves one time by using a password/PIN. To ensure sufficient security,

you should choose a 16-digit number combination for a password that would be difficult to guess (if a PIN has not been assigned).

- An automatic connection acceptance ("connection without confirmation") should only be used in exceptional cases.
- In general, only trustworthy devices should be linked in order to minimize security risks.
- You should restrict the "visibility" of your phone if possible. This will make it much more difficult for unknown devices to establish a connection with your phone. To do this, in the Bluetooth™ menu, set the option **Visib.to others** of **Always visible** to **Not visible** (p. 48).
- The name of your phone is transmitted in a Bluetooth™ connection. The factory default is the "Bluetooth™ ID". The first time Bluetooth™ is activated, or later in the Bluetooth™ menu, you can change this name (**My BT name**, p. 48).
- If Bluetooth™ is not needed, this function should be deactivated.

Before using Bluetooth™ accessories, or a mobile phone inside a vehicle, check the vehicle user guide for any limitations on the use of these products.

Improved data transmission

In order for your phone to be able to transmit data at higher speeds, it is necessary to have a good connection to the network. Transmitting data can be delayed by the process of establishing a connection. To comply with guidelines on the effects of radio waves, you should keep the phone a distance of 1.5 centimetres from your body while transmitting data.

Overview of the phone

① Call key

Dial displayed/highlighted phone numbers/names, take calls. In standby mode, show last phone numbers dialled.

② On/Off/End key

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

③ Control key



Press to start an application or function (p. 14).

Open the main menu in standby mode.

④ Control ring (in standby mode)



Open user profiles.



Addressbook/Phonebook Open.



Open Inbox.



Open New SMS.

In lists and menus:



Scroll up and down.



Back one level.

During a call:



Set volume.



Call options.



⑤ Soft keys

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

Overview of the phone

7

① Infrared interface (IrDA)

② Integrated antenna

Do not interfere with the phone above the battery cover if not necessary.
This reduces the signal quality.

③ Loudspeaker

④ Plus/minus keys

- Call up calendar
- Dictation key
(in standby mode and during a call)
Press **briefly**:
Play last recording back.
Press and **hold**:
Recording continues as long as the key is pressed.
In lists: Highlighting mode
In picture viewer: Normal full screen

⑤ Display

⑥ Ringtone

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

⑦ Auto key lock

Press and hold in standby mode:
switch key lock on/off.

⑧ Connection socket

For charger, headset, etc.



Open keypad

- To open, turn the back clockwise until the stop.
- To close, turn the back anticlockwise.
- When open, an application can be started (p. 46).
- Setting the sound (p. 45).

① Fn key

Switch the keypad assignment or shift to the upper key functions (always press keys one after the other).

- **Fn**, then a letter:
For a Latin-based keypad: switchover is only temporary.
- **Fn**, then a letter/Fn:
For an Arabic, Hebrew, or Cyrillic keypad: switchover is permanent.
Press **Fn** again: switch back to the standardkey assignment.

② Shift key

Upper case/lower case letter, or shift to the upper key functions (always press keys one after the other).

- For a Latin-based keypad: shift back and forth between upper case/lower case.
- For an Arabic keypad: access to other Arabic characters.
- For a Hebrew keypad: temporary switch over to a Latin-based keypad.
2 x : permanently switches over to a Latin-based keypad.
- For a Cyrillic keypad: shift back and forth between upper case/lower case.

③ Alt key

Menu for language character sets.

  Select and write.

④ Space**⑤ Line feed, confirmation****⑥ Delete key**

Deletes letters to the left of the cursor.



Display symbols

Display symbols (selection)

	Signal strength
	Battery charge level, e.g. 50 %
	Phonebook
	Call records
	Surf & fun/ Service provider portal
	Organiser
	Messages
	Profiles
	Extras
	My stuff
	Setup
	All calls are diverted
	Ringer (beep) off
	Short ring (beep) only
	Ringtone only if the caller is stored in the Phonebook
	Alarm set
	Keypad locked
	Auto answer feature on
	Activated and available
	Browser online
	IrDA transmission
	Bluetooth™ activated

Events (selection)

	SMS memory full
	MMS memory full
	Phone memory full
	No network access
	Missed call
	Memory assistant

Message symbols (selection)

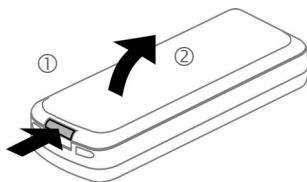
	Unread
	Read
	Sent
	MMS notification received
	MMS with DRM contents (p. 13)
	E-mail forwarded
	E-mail with attachment
	Voice mail received

Getting started

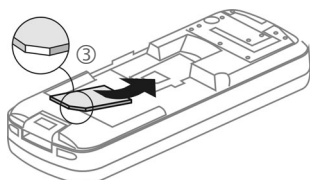
Insert SIM card/battery

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

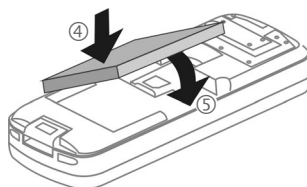
Press the ① key and tilt the battery cover forward ②.



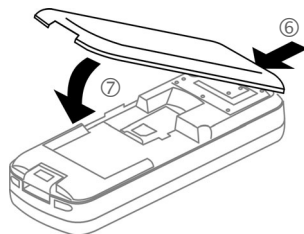
- Place the SIM card in front of the slot with the contact surface facing **downwards**. Then push the SIM card in using gentle pressure ③ (ensure that the chamfered corner is in the correct position).



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



- To remove, press the retaining tab on the side of the battery, then lift the battery out.
- Insert battery cover with the tabs facing up ⑥, then tilt forward ⑦, until it engages.



Additional information

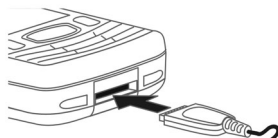
Please switch off your phone before removing the battery!

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

Charge battery

Charging procedure

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



Display during charging.

Charging time

An empty battery is fully charged after about 2 hours. Charging is only possible within a temperature range of +5 °C to 45 °C. If the temperature rises/falls 5 °C above/below this, the charge symbol flashes a warning. The mains voltage specified on the power supply unit must not be exceeded.

Operating times

The operating time depends upon the respective conditions of use. Extreme temperatures considerably reduce the phone's standby time. Avoid placing the phone in the sun or on a heater.

Talktime: 100 to 300 minutes

Standby time: 60 to 250 hours

Charge icon not visible

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

Only use the plug-in power supply unit included in delivery!

Display while in service

Charge level display during operation (empty–full):



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

Additional information

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

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

Switch on/off, PIN entry

Switching phone on/off



Press and **hold** the On/Off/End key.

Entering the 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 with **⌫**.



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

Additional information

Change PIN.....	p. 17
Clear SIM card barring	p. 18

Emergency number (SOS)

Only to be used in real emergencies!

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

Switching your phone on for the first time

Time/date

Set the clock correctly on a one-off basis when getting started.



Press this key, then select **Change**.



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



Press. The time and date are updated.

Time zones



Set the time zone for your area.



Select a city in the desired time zone.

Options

Use **Set time zone** to save.

Copy SIM addresses

The first time the SIM card is inserted, the entries on it can be copied to the Addressbook. Please **do not interrupt this procedure**. During this time **do not accept incoming calls**. Follow the instructions in the display.

You can also copy data from the SIM card at a later time (p. 28).

General instructions

Standby mode

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



Press and **hold** the On/Off/End key to return to standby mode from any situation.

Receiving signal



Strong receiving signal.



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

Digital Rights Mgmt. (DRM)

Remember that your phone has Digital Rights Management. The use of downloaded pictures, sounds or applications can be restricted by the suppliers, e.g. copy protection, use for a limited period of time only, number of times it can be used etc. (p. 41).

Main menu

The main menu is displayed graphically with symbols:



Call main menu up from standby mode (control key).



Select the application symbols (control ring).



Start an application.

Main menu options

Options Open menu.

Search List output of the menu. Entering letters will access a function directly.

Big letters Select one of two font sizes.

Illumination Set display illumination to brighter/darker.

Help Display help text.

User guide

Symbols

The following symbols are used to explain operation:



Enter numbers or letters.



On/Off/End key



Call key



Soft keys



Displays a soft-key function.



Press the control key, e.g., to call up the menu.



Press control ring on the page marked with a triangle.



Function dependent on service provider, may require special registration.

Menu controls

The steps needed to reach a function are shown in a **condensed form** in the user guide, e.g. to display record of missed calls in condensed form:

 →  → Calls missed

This comprises the following steps:



Pressing the control key opens the main menu.



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



Press the control key to confirm.

Press control key

The symbol in the centre of the lower line of the display shows the current function when the control key is pressed.



Display menu



Zoom



Cancel



OK, shift



Call, accept call

Standard functions

Option menus

Functions which appear repeatedly in the options menu are listed here.

Options	Open menu.
Edit	Open the entry to edit.
View	Display entry.
Delete/ Delete all	Delete entry / delete all entries after confirmation.
New entry	Create new entry.
Send...	Select transmission service and medium for sending.
Reply/ Reply to all	The sender becomes the recipient, "Re:" is placed in front of the subject matter and the received text is transferred to the new message.
Save	Save entry.
Save to 9	Save recipients in the current address directory.
Sort	Set sort criteria (alphabetical order, type, time).

Text input (p. 19)	T9 preferred: Activate/deactivate T9 input. Input language: Select language for text.
Rename	Rename selected entry.
Capacity	Display memory capacity.
Attributes	Display properties of the highlighted object.
Help	Display help text.

Highlighting mode

With some applications (e.g. Phone-book/Addressbook), you can highlight one or more entries in a list in order to carry out a function jointly.

Options Open menu.

Mark Activate highlighting mode.

If a **non-highlighted** entry is selected, this can be highlighted:

Mark The current entry is highlighted.

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

Unmark Remove highlighting from the current entry.

Additional highlighting functions:

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

Menu speed dialling

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

E.g., to write new SMS (from standby mode):



Press to display the main menu. Then press



for **Messages**, then



for **Create new**, then



for **SMS**.

Security

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

Keep these security codes in a safe place where you can access them again if required.

Codes

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.

 →  → **Security**
→ **Codes**
→ Select function.

PIN control

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

Select Press.
 Enter PIN.
 Confirm input.
Change Press.
 Confirm.

Change PIN

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

 Enter **current** PIN.
 Press.
  Enter **new** PIN.
  Repeat **new** PIN.



→ Codes

→ Select function.

Change PIN2

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

Chg.phonecode

(Change phone code)

You define the phone code (4 to 8 digits) when you call up a phone-code protected function for the first time (e.g. **Direct call**, p. 50). 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. If this occurs, contact Siemens Service (p. 60).

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 in accordance with the instructions. If the PUK (MASTER PIN) has been lost, please contact your service provider.

Preventing accidental activation

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

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



Press and hold.



Press.

The phone switches on.

Cancel

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

Text entry

Keyboard

Use the keyboard (p. 8) to easily write your messages and other text input. It works like a computer keyboard. To use the keypad, always open **completely**. When the keypad is opened, the number keys can only be used to enter numbers. The T9 function cannot be used on the keyboard. If it is closed, T9 can be used on the number keypad as usual.

Special functions

Shift key



Upper case/lower case letter, or shift to the upper key functions.

In contrast to a computer keyboard, first select the mode using the key.

Do not press the key and characters **at the same time**.

- For a Latin-based keypad: shifts between upper/lower cases.
- For an Arabic keypad: access to other Arabic characters.
- For a Hebrew keypad: temporary switches over to a Latin-based keypad.
2 x : permanently switches over to a Latin-based keypad.

- For a Cyrillic keypad: shifts between upper/lower cases.



Line feed, confirmation.



Deletes letters to the left of the cursor (backspace).



Control cursor.

Fn key

Switch the keypad assignment or shift to the upper key functions (always press keys one after the other).

- Fn, then a letter
For a Latin-based keypad: switchover is only temporary.
- Fn, then a letter/Fn:
For an Arabic, Hebrew, or Cyrillic keypad: switchover is permanent. Press Fn again: switch back to the standard key assignment.

Alt key

Display language character sets.



Select and type characters.

Number keypad

When the keyboard is **closed** text can also be typed with the number keys.

Activate/deactivate T9

Options Open text menu.

Text input Select.

T9 preferred Select.

Change Activate/deactivate T9.

Select input language

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

Options Open text menu.

Text input Select.

Input language Select.

Select Languages with T9 support are marked by the T9 symbol.

Typing with T9

You simply press the keys where the relevant letter is located **once only**.

 A blank ends a word.

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

T9 word suggestions

If several options are found in the dictionary for a word, the most probable is displayed first.



Press. If this word is also incorrect, press again.



Keep pressing until the correct word is displayed.

Adding a new word to the dictionary:



Select and enter word without T9. Then press



Correct a word

Words written **with** T9:



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



Scroll through the T9 word suggestions again.



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

Additional information



Press briefly: switch between: **abc**, **Abc**, **T9abc**, **T9Abc**, **123**.

Press and hold: all input variants are displayed.

Text entry menu



Press and **hold**:

Text format (SMS only), **Input language**,
Mark, **Copy/Insert**

Special characters



Press **briefly**.

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

1) Line feed



Navigate to characters.

Select Press.

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

Text modules

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

Write text modules



→ **Text modules**

Options Select **New text**.



Write text.

Options Open menu and select **Save**. Accept the suggested name or enter a new one.



Save.

Use text modules



Write message (SMS, MMS, e-mail).

Options Open text menu.

Insert Select.



Select **Text modules**.



Select text module from the list.

Select Confirm. The text module is displayed.



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

Calling

If the keyboard is open, calls can be only made with the headset or in handsfree talking mode. If you open the keyboard **during** a call, the call will be put on hold. After closing, calls can be made again as usual.



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

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



Dial phone number.

End call



Press the End key **briefly**.

Setting the volume



Press upwards/downwards to regulate the volume.

Redial previous numbers



Press this key **twice**. The phone number **last** called is redialled.

Call up the redial list:



Press **once**.



Pick out a phone number, then...



... key.

Auto. redial

Auto dial

The phone number is dialled ten times at increasing time intervals.

Accept call



Press.

Reject call



Press **briefly**.

Additional information

Accept the call before bringing the telephone to your ear in order to avoid ear damage caused by the ringtones.



Store phone number in the Addressbook/Phonebook.

Handsfr.

Playback using loudspeaker (**handsfree talking**). Always switch off "handsfree talking" before holding the phone to your ear! Otherwise, you will damage your hearing!



Press and hold to switch microphone off.

International dialling codes



Press and hold until a "+" is displayed.

Country

Select country.

Call options

Options Functions which are only available **during** the call are offered.

Swapping between 2 calls

Establish a second connection

Options Open menu

Hold Hold the current call, then dial the new phone number.

Options Open menu.

Swap Swap between the calls.

Incoming calls during a call

You will hear the "call waiting" tone and you can now:

- **Accept the waiting call in addition to the first**

Swap Accept the call and put the current call on hold.

- **Reject the waiting call**

Reject Reject, or use **Divert** for example, to divert to the mailbox.

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

 End call.

 Accept new call.

End call(s)

 Press the End key.

Yes Resume the held call.

No End all calls.

Conference

You can call up to 5 conference participants one after the other. Once you have established a connection:

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

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

Options ... Open menu and select **Conference**. Repeat until all participants are connected.

End

 **All** calls in the multiparty conversation are ended when the End key is pressed.

Tone sequences (DTMF)

Enter tone sequences (digits) for remote access to an answering machine.

Options Open menu and select **Send DTMF**.

Default book

 →  → Select function.

Show entries

The entries in the default book (Addressbook or Phonebook) are shown.

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

New entry

Create new entry.

Addressbook (see also p. 25)

Phonebook (see also p. 27)

Default book

You can set which directory you prefer to use.

The selected default book is opened in standby mode with the control ring.

 Open Phonebook or Addressbook

Addressbook

A lot of data can be recorded in the Addressbook for each entry and additional functions such as pictures, birthdays, chat can be used.

Phonebook

The Phonebook is located on the SIM card. Only one phone number can be entered per entry. The Phonebook on the SIM card can easily be transferred onto a different phone.

Business card

Create your own business card to send to a different GSM-phone. If no business card has been created yet, you will be asked for your input.



Move from field to field to enter your details.

Save

Press.

Additional information

The content of the business card corresponds to international standards (vCard).



Copy numbers from Addressbook/Phonebook.

Groups

See p. 26.

<Info numbers>

See p. 28.

Addressbook

The Addressbook can store up to 2000 entries, each with a variety of phone and fax numbers as well as additional address details. These entries are managed separately from those in the Phonebook in the phone memory.

New entry

The Addressbook is set as standard:



Open Addressbook
(in standby mode).



Display input fields.



Select required input fields and fill in. Enter at least one name. Always enter phone number with dialling code.

Special input fields

Group: Allocation to a group (p. 26).

Address: Extension to enter the complete address: **Street:**, **Post code:**, **City:**, **Country:**

Com. services

Nickname:

Abbreviated name in the communication service.

WV user ID:, **ICQ number:**,

AIM screen name:

Information if the entry is being used as an Inst. Message contact (p. 30).

Birthday: After activation, enter the date of birth is entered.

Reminder: The phone reminds you one day before the birthday at the time entered.

Picture: A picture assigned to the entry is displayed when you are called by a corresponding phone number.

All fields/Reduced fields

Displays the number of input fields.

Save

Save the entry.

Additional information



Temporary switch to Phonebook.

The Siemens MPM (Mobile Phone Manager) makes it possible to manage the Addressbook using Windows® PCs. You can download the software from the Internet:

www.siemens-mobile.com

Display/find entry



Open Addressbook
(in standby mode).



Select required entry.



Display.

Display options

Options Displays functions for the selected input field.

Change entry



Open Addressbook
(in standby mode).



Select entry and press
Edit.



Select input field and
press **Edit**.



Make changes, then press
Save.

Call entry



Open Addressbook
(in standby mode).



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



The number is dialed.

If there are several numbers in the Addressbook entry, these are offered for selection.

Addressbook options

Different functions are available, depending on the context:

Options Open menu.

Move to ... Allocate current or highlighted entries to a group.

Copy to SIM Copy name and phone number to the SIM card (Phonebook).

Filter Only those entries which match the filter criteria are displayed.

Import Set up readiness to receive an Addressbook entry via IrDA (p. 48) or SMS (p. 31).

(For standard functions see p. 15)

Groups

There are nine groups specified in your phone so that you can arrange your Addressbook entries clearly. You can rename seven groups.



Open Addressbook
(in standby mode).

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



Select group.

Ringtone for group

See p. 44.

Phonebook

Entries in the Phonebook (on the SIM card) are managed separately from those in the Addressbook.

New entry

If the Phonebook has been selected as the default book:



Open Phonebook (in standby mode).



Select <New entry>.



Display input fields.



Select and fill in the input fields.

Phone number:

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

Name:

Enter first and/or last names.

Group:

Default: **No group**

Important phone numbers can be put in one group (**VIP**). This is independent of the Addressbook groups.

Location:

Default: **SIM**

Special SIM cards can save phone numbers in a protected area (**Protected SIM**) (PIN2 required).

Record number:

Is automatically assigned to every entry. The phone number can be dialled with your record number.

Save

Press to store the new entry.

Additional information



Temporary switch to Addressbook.

Country

International dialling codep. 22

Call (search for an entry)



Open Phonebook.



Select a name with one/several of the initial letters and/or scroll.



Phone number is dialled.

Additional information

The Siemens MPM (Mobile Phone Manager) makes it possible to manage the Phonebook using Windows® PCs. You can download the software from the Internet:

www.siemens-mobile.com

Change entry



Select entry in Phonebook.



Edit

Press.



Select desired input field.



Make changes.



Save

Press.

Phonebook options

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

Options Open menu.

Copy into	9	Copy all highlighted entries to the Addressbook.
Copy all to	9	Copy all entries to the Addressbook.
Delete all		Delete entire Phonebook (PIN-protected).
Import		Set up readiness to receive a Phonebook entry via IrDA (p. 48) or SMS (p. 31).
(For standard functions see p. 15)		

<Special books>



Open Phonebook and select <Special books>.

<Own numbers>

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

<VIP numbers>

Display the phone numbers saved in the VIP group.

<SIM phonebook>

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

<Protected SIM>



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

<Service nos.>/<Info numbers>

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

Call records

Phone numbers are saved to make it easier to redial them.



Select record.



Open call record.



Select phone number.



Dial phone number.

Ten phone numbers can be stored in each record:

Calls missed



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



Missed call.

Calls received

Accepted calls are listed.

Calls dialled

Access to the last numbers you have dialled.



Fast access in standby mode.

Delete records

The records are deleted.

Durat./charge



→ → Durat./charge

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



Select settings.



Open area.

Reset

Reset the selected setting.

Charge sett.



Open menu.

Currency

Enter desired currency.

Personal rate

Enter the charges per unit and period.

Account limit

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

Auto display

Call duration and charges are displayed automatically.

Message overview

Inbox

The inbox folder contains all the messages that have been received. The entries are marked with a symbol to indicate their type and status (p. 9).

To call up the inbox folder, e.g. if you have received a new SMS:



Press the soft key beneath this symbol.

When you open an entry, the relevant application also starts. After a set time (**Options**), entries which have already been read and opened are only displayed in the message-related incoming lists.

You will find the following **message types** in the inbox folder:
SMS, MMS, E-mail

System messages

Message about MMS, Missed alarm, Missed appts., Calls missed, WAP push, Voice message

Data objects

Ringtones, Pictures and Video, Calendar entries, Notes and Business card.

Message lists

All SMS, MMS and E-mail are displayed in four separate lists.



→ **Inbox**

→ Select message type.

List of received messages.



→ **Draft**

→ Select message type.

List of saved drafts.



→ **Unsent**

→ Select message type.

List of messages not yet successfully sent.



→ **Sent**

→ Select message type.

List of sent messages.

Options

Call up the function menu to process the messages.

Inst. message



This function is not supported by all service providers. Please contact your service provider for more information. You will find a description in the comprehensive user guide on the Internet at:

www.siemens-mobile.com/sk65

You can use your phone to transmit and receive very long messages (up to 760 characters). They are automatically composed of several "normal" SMS messages (note higher charges). Additionally, you can insert pictures and sounds in an SMS.

→ Create new → SMS text



→ Create new → SMS text



Type using the keyboard
(p. 8 and p. 19).

Options Text creation functions.



Start sending procedure.



Select phone number
from the Phonebook/
Addressbook or enter it.



The SMS is transmitted to the service centre so that it can be sent.

Picture&sound

Send pictures and sounds with or without accompanying text. Remember that these may be protected (DRM, p. 13).

With the text input field open:

Options Open menu.



Select **Picture&sound**.

The menu contains:

Fix animations, Fix sounds,
Own animat., Own pictures,
Own sounds



Select list.



Confirm. The first entry of the selected section is displayed.



Scroll to entry
required.

For Fix animations/Fix sounds:



The selection is added to the SMS.

For Own animat., Own pictures,
Own sounds:



The selection is displayed/played back.



The selection is added to the SMS.

SMS archive



→  → SMS archive

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

SMS to group

Send an SMS to a recipient group.

- Options** Open menu.
- Send** Select.
- Group** The list of groups is displayed.
-  Select group.
-  Open group and highlight all/individual entries.
-  The transmission is started.

Read

 Arrival of a new SMS announced in the display.

Inbox is opened. It offers you a quick overview of the messages that you have received.

-  To read the SMS, press the joystick.
-  Scroll through message line by line.

Additional information

 If this symbol flashes, the SIM memory is full. Delete or archive messages.

The Siemens MPM (Mobile Phone Manager) makes it possible to manage SMS using Windows® PCs. You can download the software from the Internet:

www.siemens-mobile.com

Replying to an SMS

You can answer the SMS that is currently open immediately. The newly added text is placed above the received text.

-  Reply immediately.

Setting

SMS signature

-  →  → Message setup → SMS → SMS signature

You can enter a "signature" with up to 16 characters. This signature will then be attached to each SMS except for a **Reply** and when changes are made to an existing SMS.

SMS profiles

-  →  → Message setup → SMS → SMS profiles

Up to 5 SMS profiles can be set. These define the transmission characteristics of an SMS.

Activate profile

-  Select profile.
-  Activate.

Set profile

-  Select profile and open with **Edit** to edit it.

MMS

The **Multimedia Messaging Service** enables you to send texts, pictures/ videos and sounds in a combined message to another mobile phone or to an e-mail address.

Depending on your telephone setting, you will either receive the complete message or only a notification with sender details and size. You can then download the actual MMS manually later.

Create

An MMS consists of the address header and the content. This may consist of a series of pages. Each page may contain a text, a picture and a sound. Remember that pictures and sounds may be protected (DRM, p. 13).

Creating standard MMS

 →  → **Create new** → **MMS**

First select an object for processing to be added to the first page of the MMS:

<Picture> Select.

 Display picture/video functions: **Insert picture**, **Insert video**

<Sound> Select.

 Display sound functions: **Insert sound**, **Record**

<Text> Select and write text (p. 6 and p. 19).

Options

Options Open menu.

Send MMS	Send MMS.
Play	Play entire MMS on the display.
Picture...	See above.
Sound...	See above.
Text...	See above.
Page	Add page: Insert new page after current one. Delete page: Delete current page. Page list: Display available pages. Timing: Set the time sequence for the MMS presentation: • Page duration: Automatic or Manual • Show page: Only if Manual has been set previously. Enter the lifespan of a page.
Msg. details	Enter sending parameters (see next chapter).

Save as templ.	Save created MMS as a template. See also below.
Layout	Select one of four possible layouts: Text above, beneath, beside (on left or right of) picture.
Colours	Select the colours for: • Message • Page • Bitmap • Text backg. • Text colour

(For standard functions see p. 15)

Templates



MMS templates are MMS messages that are saved without an address. They can be sent as new MMS messages or used as part of a new MMS. A maximum of 10 templates can be saved.

Create templates by writing a new MMS or using an MMS which you have already received.

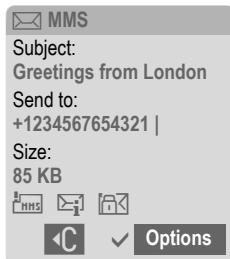
Options Open menu and select **Save as templ.**

Send

The page(s) of the new MMS has (have) already been created. The MMS is displayed.



Open address entry.



- Subject:** Enter a brief description of the MMS.
- Send to:** Enter one or more phone number(s)/e-mail address(es).
- Size:** Display the MMS size.
-  Start sending procedure.
-  The MMS is sent after confirmation.
- More:** Provide additional address fields.

Sending options

Options	Open menu.
Send MMS	Send MMS.
Play	Play entire MMS on the display.
Edit	Display object selection so that object can be changed.
Add recipient	Add recipient from the current address directory.
Delete recip.	Delete individual recipient.
Add attachm.	Add attachment: • File • Business card • Appointment
Page list	Display MMS pages for viewing and/or changing.
Save as templ.	Save created MMS as a template.
(For standard functions see p. 15)	

Receive

  Arrival of new MMS/ notification announced on display.

 Start reception. Depending on the setting, (p. 36) the MMS/notification is transferred into the incoming message list (Inbox).

In order to receive the complete MMS **later on**, the notification must be opened.

Receive Start transmission.

Read

An MMS has been received in full.

 Start playback.

Key functions for playback:

 To the next page.

 Press briefly once to return to the start of the current page; press briefly twice to return to the start of the previous page.

 Set volume.

 End.

The message details are displayed when the MMS is complete.

Subject: Description of the MMS.

From: Information about the sender.

Size: Size of the MMS in KB.

More: Additional input fields.

Setting

 →  → Message setup → MMS
→ Select function.

MMS profile:

Six MMS profiles can be set. The sending properties are specified in these profiles. In most cases, they have already been set. Otherwise, will receive the necessary data from the service provider or via the "Setting Configurator" at:

**www.siemens-mobile.com/
mobilescustomercare**



Select profile.



Open to edit the profile.

Setting options

Options Open menu.

Activate, Rename, Change sett.

User settings

Set the MMS dispatch to suit your requirements:

Delivery report:	Request delivery confirmation for sent messages.
Read reply:	Request confirmation that the MMS has been read.
Default priority:	Send priority: Normal, High, Low

Validity:	Select the period in which the service centre will try to deliver the message: Manual, 1 hour, 3 hours, 6 hours, 1 day, 1 week, Maximum* * Maximum period that the service provider permits.
Earliest deliv. time:	Transmission from the service centre to the recipient: Immediate, Tomorrow
Default duration:	Length of display for an MMS page (standard requirement).
Retrieval:	Receive complete MMS or only notification of arrival. Immediate Receive complete MMS immediately. Auto.homenet Receive complete MMS immediately in home network. Manual Only the notification is received.
Spam filter:	Settings for receipt of promotional MMS messages.
Size indication:	Set a max. message size and how it is to be handled.

E-mail

Your phone has an e-mail program (client) with which you can write and receive e-mails.

Writing/sending

 →  → Create new → E-mail

Enter address data:

Send to: Enter one or more e-mail address(es).

Subject: Enter the heading (max. 255 characters).

Content Text entry (p. 19).

To send:

Options Open menu.

Send e-mail
Select.

Or

All fields Open additional input fields.

Attachments:
Add attachments, e. g. images or sounds.

Receive/read

 →  → Inbox
→ Select function.

Before an e-mail can be read, it must be retrieved from the server.

Retr. e-mail
Only the message header is retrieved.

Options Open menu and select **Retrieve body**.

Send/rec. mail
All incoming e-mails are received into the **Inbox** and all completed outgoing e-mails in the **Unsent** list are sent.

Setting

 →  → Message setup
→ E-mail

Before using this service, you must set the server access and your e-mail arameters. You will receive the necessary data from the service provider or via the "Setting Configurator" at:

www.siemens-mobile.com/mobilescustomer care

Activate access

 Select access.

 Activate access.

Account sett.

 Select access or <Empty>.

Edit Start processing. Fill in the data fields as specified by your service provider.

Voice message/CB

Voice message



If you have a mailbox, a caller can leave a voice message for you

- if your phone is switched off or not ready to receive,
- if you do not want to answer,
- or if you are making a phone call.

You may have to register for this function and set it manually.

Setup



The service provider supplies you with two phone numbers:

Save mailbox number

Call this phone number to listen to your voice messages.



Enter phone number and confirm with .

Save call divert number

Calls are diverted to this phone number.



Enter phone number and register it with the network by pressing .

Listen to message



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



Symbol plus beep.

Or



Notification via SMS.

Or

You receive a call with an automatic announcement.

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



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

CB services



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

Text zoom

You can set three sizes for the presentation of the display texts.

Surf & fun

Get the latest information from the Internet that is specifically adapted to the display options of your phone. In addition, you can download games and applications to your phone. Internet access may require registration with the service provider.

Internet



The browser is activated with the pre-set option as soon as you call up the function (browser settings, p. 40; may be specified/pre-assigned by service provider).

Browser menu

Options Open menu.

Homepage	Call up the pre-set homepage of the current profile (p. 40).
Bookmarks	Display bookmarks stored in the phone; save bookmark.
Go to...	Enter a URL
Reload	Reload current page.
Show URL	Display the URL of the page currently loaded for sending via SMS/MMS/e-mail.

History	Display most recently visited Internet sites.
Disconnect	Disconnect the Internet.
File	Save the object on the current page or the complete page; display saved pages.
Setup	Browser settings (p. 40).
Exit browser	Close the browser.

End connection



Press and **hold** to clear down the connection and close the browser.

Navigation in the browser



- Select a link.
- Settings, status on/off.



- Press **briefly**: Back one page.

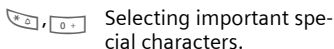


- One input field/link forward/back.
- Scroll one line.

Display symbols in the browser



Enter special characters



Browser settings



Options Open menu.

Setup Select.

Browser	Set start option as well as handling of pictures and tones and send options.
Profiles	The list of profiles is displayed for activation/setting (see below).
Protocol parameters	Set protocol parameters, push messages and abort time as well as handling of cookies.
Security	Set encryption.
Context	Reset session, delete cache, history and cookies.

Your Internet browser is licensed by:



OPENWAVE™



Profiles

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

Profile pre-set

In most cases, access profiles have already been created for one or more service provider(s).



Select profile.



Activate profile.

Set profile manually

You will receive the necessary data for the settings from the service provider or via the "Setting Configurator" at:

www.siemens-mobile.com/mobilescustomerware

You can also change settings and delete profiles here.

Bookmarks



→ **Bookmarks**

URLs saved in the phone are displayed. You can save new bookmarks. Bookmarks may be placed in folders in order to process and manage them.

Additional information

The Siemens MPM (Mobile Phone Manager) makes it possible to manage bookmarks using Windows® PCs. You can download the software from the Internet:

www.siemens-mobile.com

Games and Applications

Games and applications are offered on the Internet. Once downloaded, you can access these via the phone. Most applications include instructions. Some applications and games are already pre-installed on your phone. You will find these listed at:

www.siemens-mobile.com/sk65

Requirements

Browser profile (p. 40) and the access (p. 48) must be configured.

Download

Select the correct access depending on whether you are loading games or applications:

 →  → Games/Applications

In addition to URLs and service providers for the download, any available applications/games and folders will be displayed.

Download new



Select a service provider or URL.



Start the browser and visit the URL.

Additional information

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

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

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

In such cases, the buyer is required to download or release the application again. Please ensure that your phone has Digital Rights Management (DRM) so that individual applications downloaded via Internet are protected from unauthorised reproduction. These applications are then exclusively intended for your phone and cannot be transferred from this even to create a backup. Siemens does not warrant, guarantee or accept any liability for the customer's ability to download or enable applications again or to do so free of charge. If technically possible, back up your applications on the Windows® PC with the "mobile phone manager".

Downl. assist.

 →  → Downl. assist.

You will not be left on your own during the download!

Profiles



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

- Five standard profiles are provided with default settings. They can be changed however:
Normal environment,
Quiet environment,
Noisy environment, Car Kit, Headset
- You can set two personal profiles (<Name>).
- The special profile **Aircraft mode** is fixed and cannot be changed.

Profile settings

Edit a default profile or create a new personal profile:



Select profile.

Options

Open menu and select
Change sett.

The list of available functions is displayed. When you have finished setting a function, return to the profile menu where you can change a further setting.

Car Kit

If an original Siemens car kit is used, the profile is switched on automatically when the phone is inserted into the cradle.

Headset

The profile is only switched on automatically if an original Siemens headset is used.

Aircraft mode

All alarms (appointments, alarm clock) are deactivated. This profile **cannot be modified**.

Switch on



Scroll to
Aircraft mode.



Confirm selection.



Confirm safety inquiry again in order to activate the profile. The phone switches itself off automatically.

Normal mode

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

Setup

Themes



Load a completely new visual presentation onto your phone. At the press of a button, various functions are rearranged, e.g. start up/shutdown animation, background image, screen-saver, start up/shutdown melody, additional animations.

It is possible that the existing settings could be overwritten.

Theme files are compressed to save memory space. After a download (p. 41) or a call from **My stuff**, these are automatically unzipped when activated.

Activate new theme



Select theme.



Activate new theme.



Confirm.

Display



Language

Set the language for 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 home service provider with the following input (in standby mode):

***#0000#**

Text input

T9 preferred

Activate/deactivate intelligent text entry.

Input language

Select language for text entry.

Keyboard lang.

Select language for keyboard.

Wallpaper

Set background graphic for the display.

Logo

Choose graphic to be displayed instead of the provider logo.

Colour skin

Select colour skin, incl. background image for the entire user interface.

Screensaver

After a specifiable time, the screen-saver shows a picture in the display. An incoming call and/or pressing any key will end the function except if the safety function is activated.

Note

The screensaver **Digital clock** reduces the telephone standby time considerably.

Start up anim.

Shown when the phone is switched on.

Shutdn anim.

Shown when the phone is switched off.

Own greeting

Is displayed instead of an animation when you switch on the phone.

Big letters

You can choose between two font sizes for the display.

Illumination

Set display illumination to brighter/darker.

Ringtones

 →  → Ringtones
→ Select function.

Set the acoustic signals on the phone to suit your requirements.

Ringer setting

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

Silent alert

To avoid the disturbance caused by a ringing phone, you can activate the silent alert function as an alternative. The silent alert can be switched on in addition to the ringtone. This function is deactivated when the battery is being charged and accessories are connected (except the headset).

Volume

Set different volumes for types of call/functions.

Additional information

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

The Siemens MPM (Mobile Phone Manager) makes it possible to manage Ringtones using Windows® PCs. You can download the software from the Internet:

www.siemens-mobile.com

Assign ringtone

A ringtone which has already been selected will be played or the list of possible ringtones will be displayed for selection.

Call setup

 →  → **Call setup**
→ Select function.

Hide ID



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

Call waiting



If you are registered for this service, you can check whether it is set and you can activate/deactivate it.

Divert

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

Unanswered



Example:



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



Confirm and select **Set**, then enter the phone number to which the call will be diverted.



The setting is confirmed by the network.

All calls

All calls are diverted.



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

Other possibilities for divert:

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

Call screening

Only calls from phone numbers that are in the Phonebook/Addressbook or assigned to a group are signalled. Other calls are only displayed.

Any key answ.

Incoming calls can be accepted by pressing any key (except for).

Minute beep

During the call, you (and only you) will hear a beep after each minute as a reminder of the time elapsed.

**Phone setup**

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

Key tones

Set the type of acoustic key acknowledgement.

Info tones

Set service and alarm tones.

Keyboard

Set which application is automatically started when the keypad is opened.

Automatic switch off

The phone switches off each day at the set time.

Phone identity

Display the phone identity number (IMEI).

More

Press several times to display additional information about the device.

Device check

After the last information page, a self-test as well as individual tests are offered. If you select **Selftest**, all individual test are carried out.

Software version

Display in standby mode:

*** # 0 6 #**, then press **More**.

Memory assis.

The memory assistant will help you if there is insufficient phone memory.

File system

Format

(Phone-code protected)

The telephone memory is formatted and **all** saved data such as ringtones, pictures, games, etc. is deleted. Formatting can last longer than one minute.

Clean up

Create more memory by deleting temporary files no longer required.

Master reset

The phone is reset to default values (factory setting). This does not affect the SIM card or the network settings.

Alternatively, in standby mode enter:

***#9999#** 

Clock



→  → Clock
→ Select function.

Time/date

Change

First enter the date, then the time.

Time zones

World map

Displays world time zones.



Select a time zone.

City list

List of world cities.



Select a city in the selected time zone.

Date format

Select the display format for the date.

Time format

Select 24h or 12h.

Buddhist year



Change over to Buddhist date.

Show clock

Activate/deactivate time display.

Auto time zone

Setting takes place automatically.

Connectivity



GPRS

(General Packet Radio Service)

GPRS is a method for transmitting data faster in the mobile network. For symbols in the display, see p. 9.



Additional information

The Siemens MPM (Mobile Phone Manager) connects your Windows® PC/laptop via GPRS to the Internet. You can download the software from the Internet:

www.siemens-mobile.com

GPRS info

Display connection information.

IrDA

Your phone has an infrared interface. The distance between two devices must not exceed 30 cm. The infrared windows in both appliances must be aligned as accurately as possible with each other.

If IrDA (infrared) is activated, Bluetooth™ is not active and vice versa.

Bluetooth™ (BT)

Bluetooth™ is a short-range radio connection by means of which a headset or car kit, for example, can be connected without the need for wires. Using the **Send/print** function in the options menu for the application concerned you can also use this route to send data.

My BT name: You can give the phone a name when you activate Bluetooth™ for the first time.

Bluetooth setup

Search/ Search all	Specify which BT devices are to be searched for.
Known devices	Record frequent BT partners in the list of known devices.
Last connect.	List of most recently and/or still connected devices.
Black list	Attempts to make connections to devices in the list are rejected.
My BT name	Give the phone a name, this is the name the partner sees.
Visib.to others	Set how your phone should respond to other BT devices.

Bluetooth™ Shown in the display

Activated.



Visible to others.



During data transmission.



Call accepted on Bluetooth™ device.

Data services

Default setting and activation of the connection profiles for **MMS**, **WAP** applications. You will receive the necessary data for the settings from the service provider or via the "Setting Configurator" at:
www.siemens-mobile.com/mobilescustomerca

HTTP profile

The phone default setting varies from service provider to service provider. You will receive the necessary data for the settings from the service provider or via the "Setting Configurator" at:
www.siemens-mobile.com/mobilescustomerca

Authentication

Activate or deactivate encrypted dial-up (CSD connections only) for Internet access.

Fax/data**Send voice/fax**

Set this function on the phone **before** transmission so that you can switch from voice mode to fax mode.

Rec. voice/fax

Start the required communication program on your PC and activate the function on the phone **during** the call (the PC will take over the connection).

Rec fax/data

The call is signalled by a special ring-tone and the type of call (fax or data) is displayed. Now start the communication program on your PC to receive the fax/data.

Security



Auto key lock

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

Additional information

Lock/unlock keypad in standby mode. In each case:



Press and hold.

Direct call

Only **one** phone number can be dialed. You set and enter the required phone code (4 to 8-digits) when the first security setting is made.



To switch off, press and **hold**, then enter the phone code.

Only ,



Restrict calls to SIM-protected numbers in the Phonebook.

This SIM only



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

Codes

For description, see p. 17:
PIN control, Change PIN, Change PIN2, Chg.phonecode

Barrings



Network barring restricts the use of your SIM card.

All outgoing

All outgoing calls except emergency numbers are barred.

Outgoing intl. (outgoing international)

Only national calls can be made.

Out.int.x.home (outgoing international without home country)

No international calls, only calls to the home country.

All incoming

The phone is barred for all incoming calls.

When roaming

You will not receive calls when outside your home network.

Status check

Status check for network barring.

Clear all

Clear all barrings.

Network



→ Network

→ Select function.

Line



There must be **two independent** phone numbers registered.

Network info

The list of GSM networks currently available is displayed.

Choose network

Network search is restarted.

Auto network

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

Pref. network

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

Band selection



Select either GSM 900, GSM 1800, or GSM 1900. Make sure that your service provider also supports the selected band.

Fast search

Network reconnection is speeded up.

User group



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

Accessories



→ Accessories
→ Select function.

Car Kit

Only in combination with an original Siemens handsfree car kit. The car kit profile is activated automatically when the phone is inserted into the cradle.

Auto answer

(factory default: off)

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

Or

Answering by removing from the cradle (not while driving).

Automatic switch off

(factory default: 2 hours)

The phone is powered by the car's power supply. Set the time that must elapse after the ignition has been switched off before the phone is automatically switched off.

Car loudspk.

Improves playback in certain circumstances.

Headset

Only in conjunction with an original Siemens headset. 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.

Auto answer

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

Fast access

Soft keys

Assign one phone number or function to each of the two soft keys.

Change

For example, the **Internet** function is assigned to the soft key. To change this (in standby mode):

Internet Press **briefly**, then **Change**.
Select a new function from the list and confirm with .

Apply

The "Internet" is just used as an example here.

Internet Press and **hold**; the application is started.

Speed dialling keys

Assign a phone number or function to each of the keys from 2 to 9. Number key 1 is reserved for the mailbox.

Assigning numbers or functions

 Press number key (e.g. 3) **briefly**, then press **Set**.

Select a new function from the list and confirm with .

Apply

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

In standby mode:



Press and **hold**.

My menu



Press.

My menu Press.

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

Change menu

You can replace each entry (1–10) with another entry from the selection list.



Select entry.

Change

Open the function list selection.



Select the **new** entry from the list.



Confirm.
The entry is saved.

Reset all

Reset all

Select.
After a security query, the default setting is reset.

Organiser

 → Select function.

Calendar

You can enter appointments in the calendar. The time and date must be set correctly.

The calendar offers you three views: Monthly view, Weeklyview, Daily view.

The various entries are colour-coded. Appointments are shown as a vertical colour bar on the horizontal hour division.

Navigation:

 /  Scroll between weeks/days/hours.

Calendar setup

Start of day:

Time when the working day begins.

Start of week:

Weekday on which the monthly and weekly view on the left starts

Set weekend

Set the days for the weekend.

Show birthdays:

Yes/No.

Appointments

Appointments are displayed in chronological order in a list.

Enter new appointment

<New entry>

Select.

Types:



Memo: Text input for description.



Voice memo: Enter voice memo.



Call: enter phone number. This is shown with the alarm.



Meeting: Text input for description.



Holiday: Enter start and end date.



Birthday: Enter name, date and alarm time.

Different input/selection fields are displayed depending on the type. The number of fields can be restricted, see **Standard** at the end of the list.

Additional information



Alarm clock, alarm set.



Appointment, alarm set.

An alarm sounds even when the phone is switched off (except in **Aircraft mode**, p. 42). The phone does not go to standby mode. To deactivate it press any key.



Tasks

A task is displayed like an appointment in the agenda of the selected day. However, unlike an appointment it does not require a time. When no time is entered the task appears at the top of the list every day until it is marked as completed. The entries are made in the same way as **Appointments** (see "Appointments").

Notes

T9- support (p. 19) makes writing short notes such as shopping lists easier. Save confidential notes with the phone code.

Additional information

With the mobile phone manager, you can synchronise appointments, tasks and memos with Outlook® and Lotus Notes™. You can download the software from the Internet:

www.siemens-mobile.com

Missed appts.

Events with an alarm (**Appointments**, **Tasks**) to which you have not reacted are listed for reading.

Time zones

See p. 47.

Dictat.machine

Use the dictating machine to record short voice memos. Operation with the dictation key p. 7.

New recording

<New entry>

Select.



Speak after the brief beep sounds.



Switch between pause/record.



End recording, it is saved with a time stamp.
Rename with **Options**.

Playback



Select the desired recording.



Switch between play-back/pause.



Press and hold, for rapid rewind and fast forward.

Warning!

The use of this feature may be subject to restrictions under criminal law.

Please inform the other party to the conversation in advance if you want to record the conversation and please keep such recordings confidential.

You may only use this feature if the other party to the conversation agrees.

Extras

 →  → Select function.

SIM services (optional)

SIM services

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

 Symbol for SIM services.

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.

-  Activate/deactivate the alarm.
-  Set the time for the alarm call (hh:mm).
-  Navigate to the various days.
-  Display options: alarm call time and days.
-  Set days for alarm calls. Press and **hold** to highlight/unhighlight all the days.
- OK** Confirm setting.

You can set the alarm to repeat with **Snooze**.

Sound recorder

Use the sound recorder to record noises and tones for use as ringtones.

New recording

<New entry>

Select. The remaining time available, as well as the recording time, are shown in the display.

Start it from another application as follows

The recording display appears:

-  A brief beep sounds when the recording starts.
-  Switch between pause/record.
-  End recording.

The recording is saved with a timestamp in the **Sound** folder.

Rename with **Options**.

Insert

Transfer the recording into the application.



Playback



Select the desired recording.



Switch between play-back/pause.



Press and hold for rapid rewind and fast forward.

Calculator

The calculator can be used in a basic version and with an advanced range of functions (**Options**).



Enter digit(s).



Navigate functions.



Use function.

Unit converter

You can convert various measurement units into other measurement units.



Select the source unit/currency, then enter the quantity.



Select the target measurement unit/currency. The result is displayed.

Special key functions:



Set decimal point.



Change sign.

Currency

When you call up the function the first time, enter the basic currency.



Enter currency (e.g. euro) and press **Save**.

Now enter the name and exchange rate of the currency to be converted.

Stopwatch

Two intermediate times can be recorded and saved.



Start/stop/reset to zero.

Countdown

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

Remote synchronisation

Access externally filed data (addresses, calendar, etc.) with the data on your phone.

Synchronise

Sync Select computer, start synchronisation.

Next / Back Scroll through the various displays.

Sync. Setting

You can choose between 5 profiles.

Device manag.

 →  → Device manag.

If you were informed about software updates by a push message, you can establish a connection to the provider's server, so you can download them.

My stuff

A file management function is available for you to organise your files. This functions in the same way as on a PC. Folders have already been created for different data types.



The list of the folders and files is displayed.

Navigation



Select file/folder in lists.



The cursor can be moved freely in the preview.



Open folder or start file with related application.

Options

Access various administration functions.

<New picture>/<New sound>

The application for the folder currently selected is loaded.

<New downl.>

The browser is started and the download page displayed.

Media player

Each application starts a media playback.



Scroll to the next media file.



Switch on display illumination.

Pictures



Zoom. The two soft keys (+/-) enlarge/reduce the picture. The joystick moves the picture detail.



Centre the picture.



Switch to full screen mode and back again.



Send via MMS or e-mail, for example.

Melodies/video



Play or pause, depending on the situation.



Switch to mute.



Set volume.



End playback.

Picture processing



Open menu and select Edit.

Customer Care

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

Our online support on the Internet:

**[www.siemens-mobile.com/
mobilescustomer care](http://www.siemens-mobile.com/mobilescustomer 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.

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

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

United Kingdom 0906 9597500
(0.75 £ per minute)

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

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

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

Abu Dhabi	0 26 42 38 00
Argentina	0 80 08 88 98 78
Australia	13 00 66 53 66
Austria	05 17 07 50 04
Bahrain	40 42 34
Bangladesh	0 17 52 74 47
Belgium	0 78 15 22 21
Bolivia	0 21 21 41 14
Bosnia Herzegovina	0 33 27 66 49
Brazil	0 80 07 07 12 48
Brunei	02 43 08 01
Bulgaria	02 73 94 88
Cambodia	12 80 05 00
Canada	1 88 87 77 02 11
China	0 21 38 98 47 77
Croatia	0 16 10 53 81
Czech Republic	2 33 03 27 27
Denmark	35 25 86 00
Dubai	0 43 96 64 33
Egypt	0 23 33 41 11
Estonia	06 30 47 97
Finland	09 22 94 37 00
France	01 56 38 42 00
Germany	0 18 05 33 32 26
Greece	0 80 11 11 11 16
Hong Kong	28 61 11 18
Hungary	06 14 71 24 44
Iceland	5 11 30 00
India	22 24 98 70 00 Extn: 70 40
Indonesia	0 21 46 82 60 81
Ireland	18 50 77 72 77
Italy	02 24 36 44 00
Ivory Coast	05 02 02 59
Jordan	0 64 39 86 42
Kenya	2 72 37 17
Kuwait	2 45 41 78
Latvia	7 50 11 18
Lebanon	01 44 30 43
Libya	02 13 50 28 82
Lithuania	8 52 74 20 10
Luxembourg	43 84 33 99
Macedonia	02 13 14 84
Malaysia	+ 6 03 77 12 43 04

Malta	+ 35 32 14 94 06 32
Mauritius	2 11 62 13
Mexico	01 80 07 11 00 03
Morocco	22 66 92 09
Netherlands	0 90 03 33 31 00
New Zealand	08 00 27 43 63
Nigeria	0 14 50 05 00
Norway	22 70 84 00
Oman	79 10 12
Pakistan	02 15 66 22 00
Paraguay	8 00 10 20 04
Philippines	0 27 57 11 18
Poland	08 01 30 00 30
Portugal	8 08 20 15 21
Qatar	04 32 20 10
Romania	02 12 04 60 00
Russia	8 80 02 00 10 10
Saudi Arabia	0 22 26 00 43
Serbia	01 13 80 95 50
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 66 03 86
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

Care and maintenance

Your phone has been designed and manufactured to the highest of standards and should be treated with great 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. Should your phone nonetheless become wet, disconnect it immediately from any power supply, remove the battery and leave the open phone to dry at room temperature!
- Do not use or store the phone in dusty, dirty areas. Its moving parts may become damaged.
- Do not store your phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries and warp or melt certain plastics.
- Do not store your phone in cold areas. When the phone warms up again (to its normal ambient temperature), moisture can form inside the phone, which may damage electronic circuit boards.
- Do not drop, knock or shake your phone. Rough handling can damage internal circuit boards!
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone!

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

Product data

Declaration of conformity

Siemens Information and Communication mobile hereby declares that the phone described in this user guide is in compliance with the essential requirements and other relevant provisions of European Directive 1999/5/EC (R&TTE). The declaration of conformity (DoC) concerned has been signed. Please call the company hotline if you require a copy of the original or visit:

www.siemens-mobile.com/conformity

CE 0168

Technical data

GSM class:	4 (2 watt)
Frequency range:	880–960 MHz
GSM class:	1 (1 watt)
Frequency range:	1,710–1,880 MHz
GSM class:	1 (1 watt)
Frequency range:	1,850–1,990 MHz
Weight:	144 g
Size:	122 × 47 × 22 mm (114 ccm)
Li-Ion battery:	750 mAh
Operating temp.:	–10 °C to +55 °C
SIM card:	3.0 V

Phone ID

You will need the following information if you lose your phone or SIM card:
the number of the SIM card (on the card):

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

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

Lost phone

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

Operating times

The operating time depends upon the respective conditions of use. Extreme temperatures considerably reduce the phone's standby time. Avoid placing the phone in the sun or on a heater.

Talktime: 100 to 300 minutes

Standby time: 60 to 250 hours

Action taken	Time (min)	Reduction of standby time by
Calling	1	30–90 minutes
Light *	1	60 minutes
Network search	1	5–10 minutes
* Key input, games, organiser etc.		

Quality

Battery quality statement

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

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

Display quality statement

For technological reasons, some small dots in other colours may appear in the display in rare cases.

Please remember that if some dots appear brighter or darker in the display, this generally does not mean that a fault has occurred.



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 handheld mobile phones might be harmful?

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

For the past five years in the United States, the mobile phone industry has supported research into the

safety of mobile phones. This research has resulted in two findings in particular that merit additional study:

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

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

National Cancer Institute is expected to bear on the accuracy and repeatability of these results.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 associated with use of mobile phones. FDA continues to work with all parties, including other federal agencies and industry, to assure that research is undertaken to provide the necessary answers to the outstanding questions about the safety of mobile phones.

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

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

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

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

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

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

- Support needed research into possible biological effects of RF of the type emitted by mobile phones;

- Design mobile phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing mobile phone users with the best possible information on what is known about possible effects of mobile phone use on human health.
- At the same time, FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of mobile phone safety to ensure a coordinated effort at the federal level. These agencies are:
 - National Institute for Occupational Safety and Health
 - Environmental Protection Agency
 - Federal Communications Commission
 - Occupational Health and Safety Administration
 - National Telecommunications and Information Administration

The National Institutes of Health also participates in this group.

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

If there is a risk from these products – and at this point we do not know that there is – it is probably very small. But if people are concerned about avoiding even potential risks,

there are simple steps they can take to do so. For example, time is a key factor in how much exposure a person receives. Those persons who spend long periods of time on their hand-held mobile phones could consider holding lengthy conversations on conventional phones and reserving the hand-held models for shorter conversations or for situations when other types of phones are not available.

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

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

Where can I find additional information?

For additional information, see the following websites:

- Federal Communications Commission (FCC) RF Safety Program (select "Information on Human

Exposure to RF Fields from Cellular and PCS Radio Transmitters”):

www.fcc.gov/oet/rfsafety

- World Health Organization (WHO) International Commission on Non-Ionizing Radiation Protection (select Qs & As):
www.who.int/emf
- United Kingdom, National Radiological Protection Board:
www.nrpb.org.uk
- Cellular Telecommunications Industry Association (CTIA):
www.wow-com.com
- U.S. Food and Drug Administration (FDA) Center for devices and Radiological Health:
www.fda.gov/cdhr/consumer/

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

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

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

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

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.



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:

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.

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.

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.

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.

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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SAR (SK65)

RF EXPOSURE/SPECIFIC ABSORPTION RATE (SAR) INFORMATION

THIS SIEMENS SK65 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 cer-

tified 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 Siemens SK65 when tested for use at the ear is

0.51 W/kg***

and when worn on the body⁺ is

0.57 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 SK65 phone is on file with the FCC and can be found under the Display Grant section of

www.fcc.gov/oet/fccid

after searching on FCC ID **PWX-SK65**.

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 2.2 cm/ 0.87 in is the correct testing distance from the body. Use of other carry accessories may not ensure compliance with FCC RF exposure guidelines.

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

Further information:

www.who.int/peh-emf

www.mmfa.org

www.siemens-mobile.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 **siemens-mobile.com**

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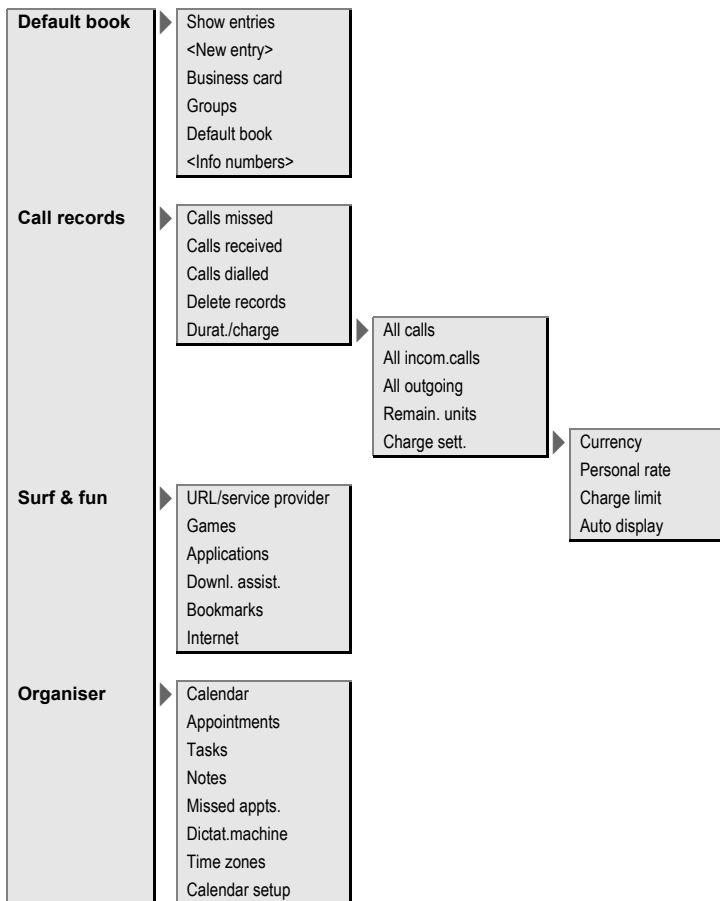
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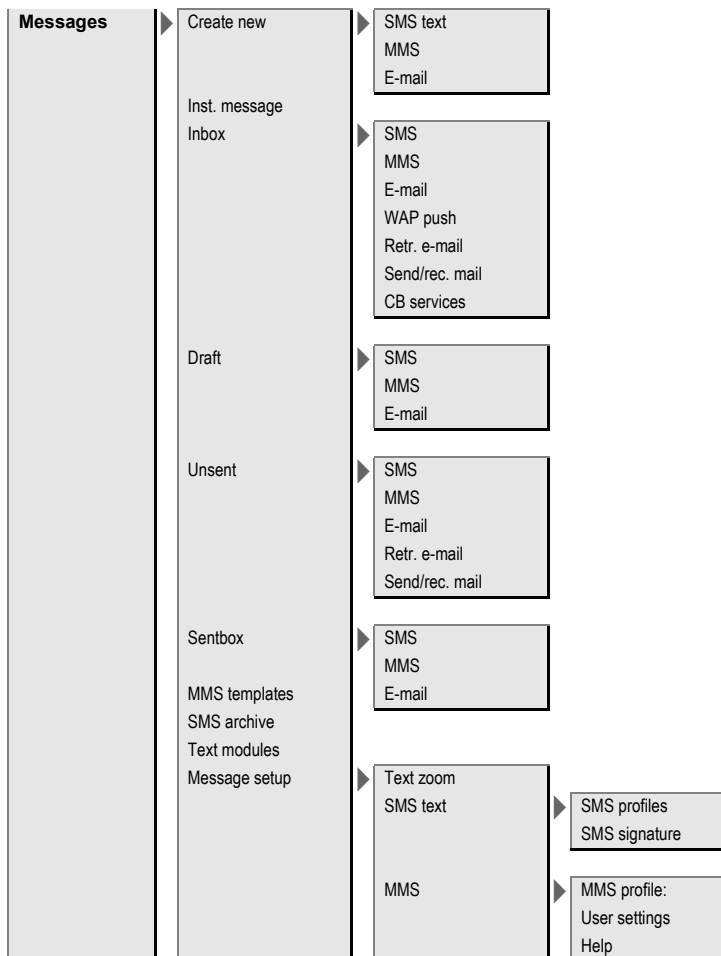
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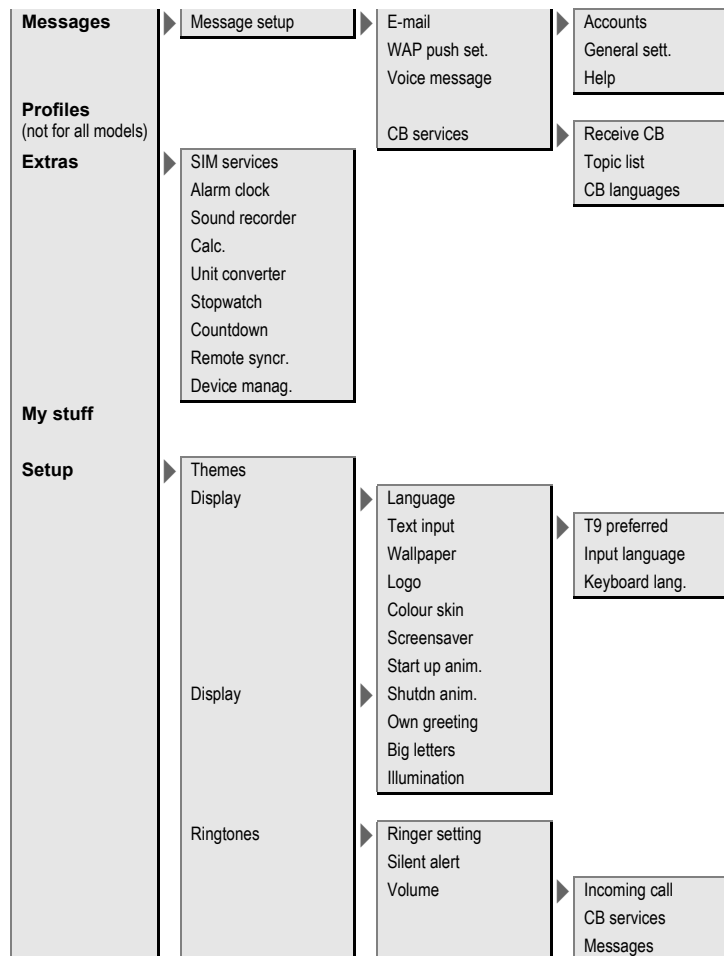
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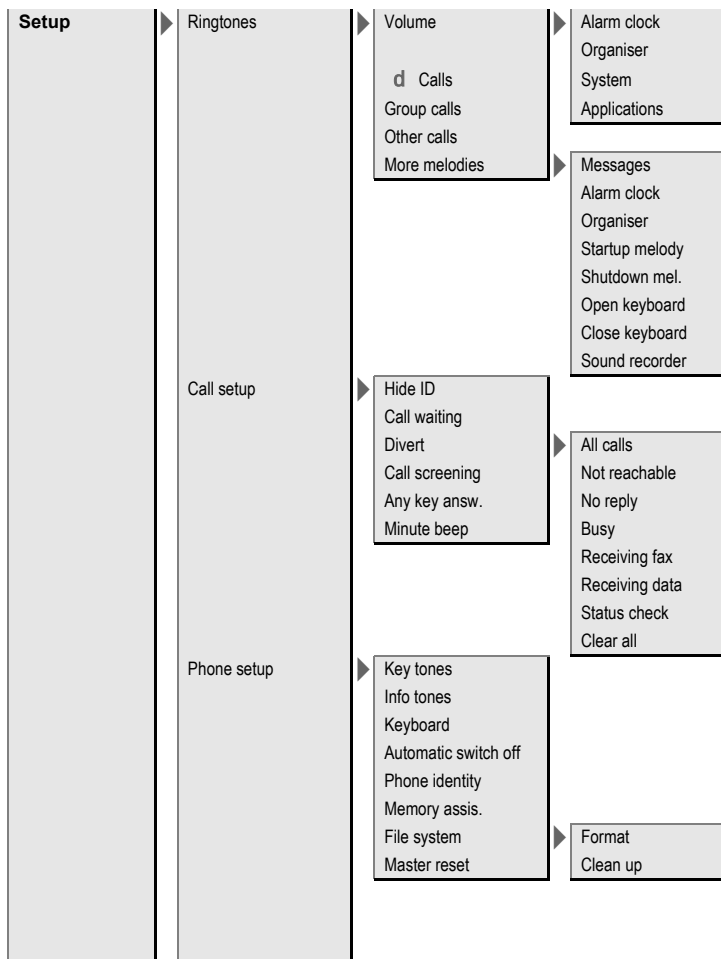
Menu tree

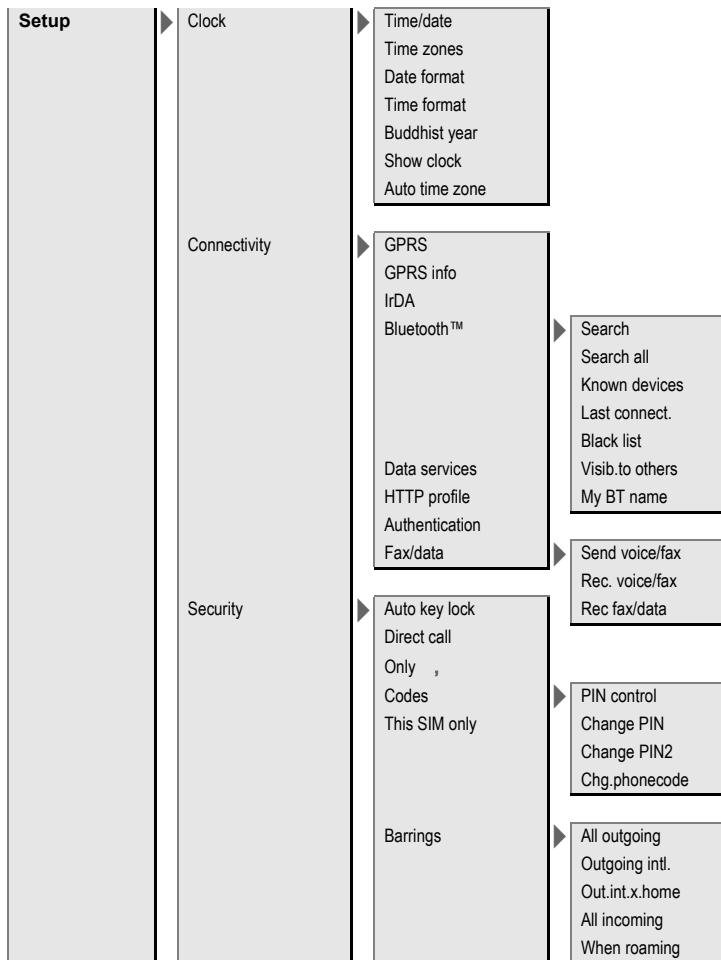




84 Menu tree

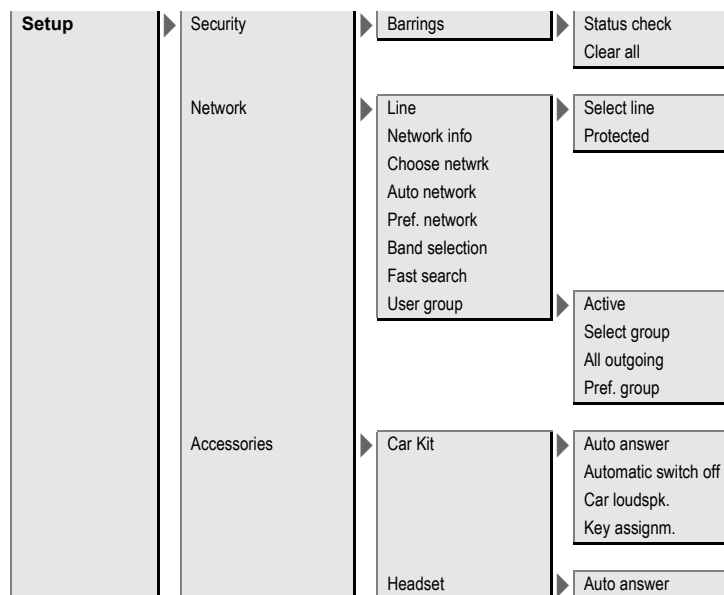






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