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Safety precautions

Information for parents

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



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



Mobile phones can interfere with the functioning of medical devices such as hearing aids or pacemakers. Keep at least 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.



Small parts such as the SIM card, sealing stop, lens ring and lens cap can be dismantled and swallowed by small children. The phone must therefore be stored out of the reach of small children.



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



Ringtones (p. 78), message tones (p. 82) and handsfree talking (p. 25) are reproduced through the loudspeaker. Do not hold the phone to the ear when it rings or when you have switched on the handsfree function. Otherwise you risk serious permanent damage to your hearing.



Do not view the activated infrared interface [Class 1 LED product (classification under IEC 60825-1)] with an optical magnifier.



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



Do not open the phone. Only replacing the battery or SIM card is permissible. You must not open the battery under any circumstances. Any other changes to this device are strictly prohibited and will invalidate the operating licence.

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 com-

- bination 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 BluetoothTM menu, set the option Visib.to others of Always visible to Not visible (p. 88).
- 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. 88).

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 cm from your body while transmitting data.

Overview of the phone

① **[II]** 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

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 calender
- 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

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

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. 82).
- · Setting the sound (p. 79).

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, Hebraic, or Cyrillic keypad: Switchover is permanent.

 Press Fn again: Switch back to the standardkey assignment

② /t/ 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 Hebraic keypad: Temporary switch over to a Latin-based keypad.
 2 x /t/: Permanent switch 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.



- 4 Space
- S July Line feed, confirmation
- © Delete key
 Deletes letters to the left of the cursor.



Display symbols

Display s	ymbols (selection)
777777	Strength of receiving signal
\bigoplus	Charging
	Battery charge level, e.g. 50 %
	Phonebook
	Call records
Ø	Surf & fun/ Service provider portal
I	Organiser
	Messages
@	Profiles
	Extras
9	My stuff
2	Setup
4	All calls are diverted
Ø	Ringer (beep) off
Û	Short ring (beep) only
≯¦Û	Ringtone only if the caller is stored in the Phonebook
(<u>C</u>)	Alarm set
3	Keypad locked
G	Auto answer feature on
T9Abc	Text input with T9

GP RS	Activated and available
IGP!	Registered
GP RS	Temporarily interrupted
•	Browser offline
€\$	Browser online
GPRS	Browser online via GPRS
Ø	No network (Internet)
D ;···	IrDA activated
*	Bluetooth™ activated
Events (s	election)
•!	SMS memory full
∑i]	MMS memory full
Ţ	Phone memory full
N	No network access
	Missed call
	Memory assistant

Message	symbols (selection)
\square	Unread
	Read
	Draft
	Sent
	MMS not sent
W.	MMS notification received
N.	MMS notification read
	MMS with DRM contents (p. 13)
	E-mail forwarded
ΣŲ	E-mail with attachment
00	Voice mail received

Getting started

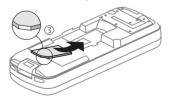
Insert SIM card/battery

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).

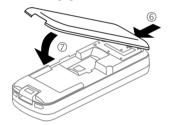


 Insert the battery sideways into the phone ⁽⁴⁾, then press it downwards ⁽⁵⁾ until it engages.





- 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.

SIM card problemsp. 119

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**.



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 or upto 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 C.



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

Additional information	
Change PINp.	17
Clear SIM card barringp.	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.



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. 36).

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. 72).

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 Op	oen 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 a condensed form:



■] → Calls missed

This comprises the following steps:



Pressing the control key opens the main menu.



Select the records 38, 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.



Zoom

Cancel

OK, shift

Call, accept call

Standard functions

Option menus

Save

Sort

Save to 🗷

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 entry.

Set sort criteria (alphabetical order, type,

time).

Save recipients in the current address directory.

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. Phonebook/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.

Protects your SIM card

Codes

PIN

	(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.



PIN control

Coloct

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	11633.
	Enter PIN.
	Confirm input.
Change	Press.
	Confirm.

Drocc

Change PIN

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





Change PIN2

(Display only if PIN2 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. 28). 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. 123).

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



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

Text entry

Keyboard

Use the keyboard (p. 5) 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 Hebraic 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.



Deletes the letter to the left of the cursor



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: switch over is only temporary.
- Fn, then a letter/Fn:
 For an Arabic, Hebraic, 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 Op

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 with 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® 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.

T9 word suggestions

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



Keep pressing until the correct word is displayed.



Add a word to the dictionary. The word can be entered now without T9-support and Save is used to add it to the dictionary.

Correct a word



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.

Special characters



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

1)	ż	i	_	;	!	?	,	
+	-	"	,	:	()	1	*
¤	¥	\$	£	€	&	#	1	@
[]	{	}	%	~	<	=	>
1	٨	§	Γ	Δ	Θ	٨	Ξ	П
Σ	Φ	Ψ	Ω					

¹⁾ Line feed



Navigate to characters.



Confirm.

Input menu

For text input:



Press and **hold**. The input menu is displayed:

Text format (only SMS) Input language

Mark

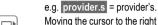
Copy/Insert

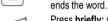
Additional information

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



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





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

Press and **hold**: all input variants are displayed.



T# "

Press **briefly:** select special characters (p. 20).

Press and **hold**: opens input menu (p. 21).

Text modules

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

Write text modules



Options

Select New text.



Write text.

Options

Open menu and select Save. Accept the suggested name or allocate 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



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 (p. 25).

If you open the keyboard during a call, the call will be put on hold. You will then be asked if a headset or handsfree talking should be used.

After closing, calls can be made again as usual.

Dialling with number keys

The phone must be switched on (standby mode).



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

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



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

End call



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

Setting the volume



Regulate the volume (only possible during a call).

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

Redial previous numbers

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



Press the Call key twice.

To redial other phone numbers that were dialled previously:



Press the Call key once.



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



... key.

If the number is busy

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

Either

Auto Redial

Auto dial

The phone number is automatically dialled ten times at increasing time intervals. End with:

End key.

Or

Call back





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

Reminder

Prompt

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

Additional information

→M

Store phone number in the Addressbook/Phonebook.

Handsfr.

Switch on Handsfree (playback from loudspeaker).

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

0 +

Press and hold until a "+"-is displayed.

Country

Press and select country.

Phone number memo

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

Accept call

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



Press.

Or



Press.

A phone number transmitted by the network plus the corresponding name (possibly with a picture) are displayed if they are stored in the Phonebook/Addressbook (p. 31).

Reject call

Reiect

Press.

Or



Press briefly.

Warning!

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

Additional information



Press and **hold** to switch off the ringing tone and vibration.

Missed call display.

Handsfree

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

Handsfr.

Activate handsfree talking.



Switch on.



Set volume with the control ring.



Deactivate.

Warning!

Always switch off "handsfree talking" before holding the phone to your ear! Otherwise, you will damage your hearing!

Swapping between 2 calls



Establish a second connection

You can call another number during a call.

Options

Open call menu.

Hold

The current call is put on hold.



Now dial the new phone



When the new connection is established:



Swap between calls.

Incoming calls during a call

You may need to register for this function with the service provider and set your phone accordingly (p. 80). During a call, you may be advised that there is another call waiting. You will hear a special tone during the call. You have the following options:

 Accept the waiting call in addition to the first

Swap

Accept the waiting call, putting the current call on hold to do so.

Always proceed as above to swap between the two calls.

Reject the waiting call

Reject

Press.

Or

Divert

The waiting call is diverted, for example, to the mailbox

 Accept the waiting call and end the current call



End the current



Accept new call.

End call(s)



Press the End key.

After the Return to held call? display, you have the following selection:



You accept the call on hold



No You end the second call

Conference

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

A connection has already been established:



Open menu and select Hold. The current connection is maintained



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

Options			PC.			
Options	Ю	n	Ħ	n	n	ľ
	ш	۲	ш	-	ш	E

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

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

End



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

Call options

The following functions are only available during a call:

Options Open menu.

Hold	Hold current call.
Microphone on	If switched off, the person on the other end of the line cannot hear you (muting). Also: Press and hold.
Handsfree	Playback through the loud-speaker.
Volume	Adjust handset volume.
Default book	Phonebook/Addressbook.

Conference	(p. 26)
Time/charge	Display talktime that has elapsed so far and (if set) cost incurred during the call.
Send DTMF	Enter tone sequences (numbers) for remote inquiries to an answering machine.
Call trans- fer < !	Connect the original call to a second call. For you, both calls are now ended.
Main menu	Access to the main menu.
Call status	List all held and active calls (e.g. participants in a conference).

Direct call

If this is active, only one number can he dialled

Switch on



Enter phone code.

Confirm

When first prompted you define and enter the phone code (4 to 8 digits). Please do not forget this code (p. 17)!

Confirm message.

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

Confirm.

Apply

#"9

Carol The dial the phone number (e.g. "Carol") press and hold the right soft key.

Switch off

Press and hold

Enter phone code.

Confirm input.

Tone sequences (DTMF)

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

Options Open menu.

Send DTMF Select.

Using the Phonebook/ Addressbook

Store phone numbers and tone sequences (DTMF tones) in the Phonebook/Addressbook in the same way as a normal entry.

Enter phone number.

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

Enter DTMF tones (digits). If necessary, wait again

for three seconds at a time for the receiver to process the entries cor-

rectly.

Enter a name.

Store entry.

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

My items

Adjust your phone according to your own wishes in the following ways to give it a personal touch:

Ringtones (p. 78)

Assign individual ringtones to caller groups or special dates.

Pictures (p. 114)

Assign individual pictures to your Addressbook entries.

Animations (p. 77)

Choose a start-up and closing animation as well as a personal greeting.

Screensaver (p. 77)

Choose an analogue or digital clock, or a personal picture.

(Operator) Logo (p. 76)

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

Wallpaper (p. 76)

Choose your own permanent wallpaper image.

Colour skin (p. 76)

Select a colour skin for the user interface.

Applications (p. 71)

Download your own applications from the Internet.

Where do I get what?

You can purchase additional ringtones, logos, animations and Java applications from your service provider or directly from Siemens.

Service provider portal

Depending on your service provider, you will find direct access to their portal on your telephone via menu items or bookmarks. Please contact your service provider for more information on these services.

Siemens Mobile Portal

You will find additional ringtones, logos, animations and screensavers as well as more applications, games and services on the Internet at:

www.siemens-mobile.com

or you can download them directly from the Internet:

wap.siemens-mobile.com

You will also find a service for saving data here as well as a list of the countries in which these services are available.

My menu

Create your own menu (p. 96) with frequently used functions, phone numbers or Internet pages.

Default book



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. 31)

Phonebook (see also p. 35)

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 (e.g., pictures, birthdays, inst. messages) 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 into 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.



Press.

Additional information

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



Copy numbers from Addressbook/Phonebook.

Groups

See p. 34.

<Info numbers>

See p. 37.

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 in the phone memory separately from those in the Phonebook. However, you can exchange data between the Addressbook and the Phonebook on the SIM card

New entry

The Addressbook is set as standard:



Open Addressbook (in standby mode).



Display input fields.



Select required input fields



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

At least one name must be entered. Always enter phone number with dialling code.

Possible input fields

Last name:	URL:
First name:	Com. services >>
Phone number:	Group: >>
Phone no./office:	Company:
Phone no./mobile:	Address: >>
Fax:	Birthday: >>
Fax 2:	Picture: >>
E-mail address:	
E-mail 2:	All fields

Additional information

Group: Allocation to a group

(p. 34).

Address: 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. 59).

Birthday: After activation, the date of birth is entered

Reminder: The phone reminds you at the time you set one day before

the birthday.

Picture: Assign a picture to the

entry. This is displayed when you are called by a corresponding phone

number.

All fields/Reduced fields

Displays the number of

input fields.

Change Individual selec-

tion of input fields.

Save

Save the entry.

Additional information

Temporary switch to Phonebook.

Synchronisation

The Siemens MPM (Mobile Phone Manager, p. 117) makes it possible to manage the Addressbook using Windows® PCs.

Using Remote syncr. you can synchronise your mobile with an organiser stored on the Internet (see also p. 111).

Display/find entry



Open Addressbook (in standby mode).

⊘1



Select required entry.



Display.

Display options

Options

The options menu only ever offers the functions for the currently selected input field.

Move to ...

Allocate current or highlighted entries to a group.

View

Display an assigned picture.

Copy to SIM

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

New SMS, New MMS, New e-mail Create a message with the selected entry.

Browser

Start browser and visit

Inst. message

Start a dialogue with the selected entry (p. 59).

(For standard functions see p. 15)

URI

Change entry



Open Addressbook (in standby mode).



Select required entry.



Press



Select input field.



Open entry.



Make changes.



Save

Dial entry



Open Addressbook (in standby mode).



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



The number is dialled.

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



Select phone number.



The number is dialled.

Addressbook options

Depending on the actual situation, different functions will be offered. These functions can be applied to the entry currently selected as well as to multiple selected entries:

Options Open menu.

Move to	Assign curren lighted entries	
Canada CIM	•	

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

Filter	Select a filter criteria. Only those entries which match
	the filter criteria are dis- played.

Import	Set up readiness to receive
	a Phonebook entry via IrDA
	(p. 85) or SMS (p. 41).

Sort	Specify sorting criteria for output of the Addressbook
	entries.

Search	Enter search term.
Ocuion	Liller Search leith.

(For standard functions see p. 15)

Groups

Nine groups are specified in your phone to enable you to 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.

Groups menu

Options

Open menu.

Rename group

Change name of group.

Group symbol Assign a symbol to a group. The symbol will then appear in the display when one of the group members calls.

Additional information

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

Received: Contains Addressbook entries received by IrDA (p. 85) or SMS (p. 41) (name cannot be changed).

Ringtone for group

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

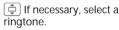




Select group.



Confirm. If a ringtone has already been set, it will be played. Otherwise, the ringtone list will be displayed and you can select one.





Confirm.

Phonebook

Entries in the Phonebook (on the SIM card) are managed separately from those in the Addressbook. You can, however, exchange data between the Phonebook and 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 input fields.



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

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:

Each phone number is automatically assigned a record number. You can also dial using the record number.



Press to store the new entry.

Additional information



Temporary switch to Addressbook.

Country

International dialling code.....p. 24

Functions concerning Text entryp. 19

The Siemens MPM (Mobile Phone Manager, p. 117) makes it possible to manage the Addressbook using Windows® PCs.

Call (search for an entry)



Open Phonebook.



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



Phone number is dialled

Call using record no.

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



Enter record number



Press.



Press.

Change entry



Select entry in Phonebook



Press.



Select desired input field.



Make changes.



Press.

Phonebook options

The following functions are available, depending on the current situation

Options

Open menu.

Copy into 2 Copy all highlighted entries to the Addresshook Copy all to 2 Copy all entries to the Addressbook Delete all The whole Phonebook is deleted (PIN-protected). Import Set up readiness to receive a Phonebook

entry via IrDA (p. 85) or

SMŚ (p. 41).

(For standard functions see p. 15)

<Special books>



Open Phonebook (in standby mode).

<Own numbers>

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

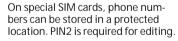
<VIP numbers>

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>



<Service nos.>/<Info numbers>

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

Completing phone numbers in the Phonebook

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



Press and hold.

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

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

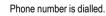


Press.



Ø.

"?" Replace with numbers.



Call records

The phone number of a caller is displayed if

- the caller has switched off the Hide ID function and
- the network supports the "Caller Identity" function.

Alternatively, a caller's name is displayed if it is stored in the Phonebook/Addressbook.

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





Select record.



Open call record.



Select phone number.



Dial phone number.

Or



Display information on the phone number.

Up to 500 entries are stored in the records:

Calls missed



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



Symbol for missed call (in standby mode). Press the soft key beneath the symbol to bring up the lnbox (p. 40).

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.

Records menu

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

Options Open menu.

Dial	Dial or edit phone number.
Copy into (Copy to SIM	Copy the currently selected phone number into the preferred directory.

	,
New SMS	Add phone number to SMS.

New MMS	Add phone number to MMS.
	IVIIVIO.

(For standard functions see p. 15)

Time/charge

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



Last call

All outg. calls

All incoming

Remain. units

Charge sett.





Reset the currently selected setting.

Charge sett.

Open menu.

Currency

Reset

Enter desired currency.

Personal rate

(PIN2 prompt)

Enter the currency as well as the charge per unit and time.

Account limit

(PIN2 prompt)

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.

Edit Press.

Enter PIN2.

Account limit

Switch on.

Enter number of units

OK Confirm.

Then confirm the credit or reset the counter. The status display for prepaid cards may vary depending on the service provider.

Auto display

Call duration and charges are displayed automatically.

Inbox

The inbox folder offers immediate access to the messages currently received. This means that you no longer have to look through all inbox folders for the various message types. The entries are marked with a symbol to indicate their type and status. You will find an overview of the symbols on p. 8.

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



Press the soft key beneath the symbol.

Or



Press in standby mode.

In the inbox folder you will find the following message types:

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



When you open an entry, the relevant application also starts.

After a set period, entries which have already been read and opened are only displayed in the message-related incoming lists (see **Setup** in the options menu).

Inbox-Options

Options Open menu.

ориона Орс	irriiciiu.
Receive e-mail	Select set account and send all e-mails.
Setup	If entries have been read, remove them from the Inbox :
	Daily, Never, Immediately
	If Daily has been selected, specify the

(For standard functions see p. 15)

time

SMS

You may transmit and receive very long messages (up to 760 characters) on your phone, which are automatically composed from several "normal" SMS messages (note the accruing charges).

Additionally, you can insert pictures and sounds in an MMS.

Writing/sending



Enter text.

Writing using the keyboard (p. 7 and p. 19).

The following is displayed in the display line: text entry status, number of SMS required, number of characters still available

Start sending procedure.

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

> Group If necessary, select a group.



Delete

Confirm. The SMS is transmitted to the service centre to be sent and saved in the Sentbox list.

Text options

Options Open menu.

Save Save composed text in the draft message list.

Picture& Add pictures, animations and sound sounds to message (see following text).

Text Add text modules (p. 22). modules

Format Font size Small font Medium font, Large font

> Underline Alignment: Default alignm.

Left, Centre, Right Mark

(mark text using the control ring) Delete the whole text

text Send Select SMS profile so the SMS

with... can be sent. (For standard functions see p. 15)











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.

The pictures which have been added are displayed. Sounds are displayed in the form of "wildcards".

SMS to group

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

Options

Open menu.

Send Select.

Group

The list of groups is displayed.

played

Select group.

Open group and highlight all/individual entries.



Transmission is started after a security prompt.

Additional information

The Siemens MPM (Mobile Phone Manager, p. 117) makes it possible to manage SMS using Windows® PCs.

Read



Arrival of a new SMS announced in the display. Open Inbox with the soft key beneath it (p. 40).



Reading the SMS.



Scroll through message line by line.



Reply

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



Reply immediately.

Reply options

Open menu.

Write message	Create a new reply text.
Edit	Edit received SMS or add new text.
Answer is YES	Add Answer is YES to the SMS.
Answer is NO	Add Answer is NO to the SMS.
Call back, Delay, Thanks	Add a standard text as a reply to the SMS.

Read options

Options

Open menu.

Reply	See "Reply options" above.
Picture&sound	Save picture/sound contained in the SMS.
Text zoom	Enlarge or reduce text display.
Archive	Move SMS message to archive.
(For standard functions see p. 15)	

Lists

All SMS messages are archived in different lists, according to their status. (For overview of message symbols, see p. 8):

Inbox



The list of received SMS messages is displayed.

Draft



The list of not yet transmitted SMS messages is displayed.

Unsent



The list of concatenated SMS messages not yet sent is displayed. Transmission can be restarted.

Sentbox



The list of sent SMS messages is displayed.

SMS archive



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

List options

Different functions are offered depending on the list.

Options Open menu.

Send	Send or forward entry.	
Send with	Select an SMS profile for transmission.	
Archive	Move SMS message to archive.	
(For standard functions see p. 15)		

Setting

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



Up to 5 SMS profiles can be set. These define the transmission characteristics of an SMS. The pre-setting depends on the SIM card inserted.

Activate profile



Select profile.



Activate.

Set profile



Select profile.

Edit

Open to edit the profile.

Service centre

Enter the phone numbers for the service centre as provided by the service provider.

Recipient

Enter a standard recipient for the profile.

Message type

- Manual: Inquiry for all messages.
- Standard text: Normal SMS message.
- Fax: Transmission via SMS.
- E-mail: Transmission via SMS.
- New: You may need to obtain the required code number from your service provider.

Validity period

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.

Status report

Receive confirmation of successful/failed transmission of a message. This service may be subject to a charge.

Direct reply **⇔!** If activated, the reply to your SMS message is handled via your service centre (for information, please contact your service provider).

SMS via GPRS ⇔! Send SMS automatically via GPRS (p. 85).

Save aft. send

Sent SMS messages are saved in the Sentbox list.

More information on SMS

SMS status report

If the message cannot be transmitted to the service centre you are offered the chance to repeat the transmission. If this also fails, contact your service provider. The Message sent! message only indicates transmission to the service centre. This will then attempt to relay the message within a certain period. See also Validity period (p. 45).

Phone number in SMS

Phone numbers highlighted in the text can be dialled (n) or saved in the Phonebook/Addressbook.

Downloading ringtones and logos

You can receive links for downloading ringtones, logos, screensavers, animations and information about applications with an SMS. Please highlight this link and, by pressing the Call key [1], start the download. Please check that the dial-in access (p. 88) is configured.

Remember that these may be protected (DRM, p. 13).



SIM memory full.

If the message symbol flashes the SIM memory is full. **No** more SMS messages can be received. Messages must be deleted or archived.

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. All elements of an MMS message are merged to form a "slide show".

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

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

Create





An MMS consists of the address header and the content

An MMS may consists of a series of pages. Each page may contain a text, a picture/video and a sound. Remember that pictures and sounds may be protected (DRM, p. 13).

Write texts with the help of T9 (p. 19).

Pictures and videos can be downloaded from the My stuff (p. 114).

Sounds can be recorded with the Soundrecorder and/or loaded from My stuff (p. 114).

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

Pictures/videos

Limits on picture size can be set in the user settings.

<Picture> Select.



Display picture/video functions:

Insert picture

Open list to select a picture.

Insert video

Open list to select a video.

Open

Display picture.

Delete

Delete inserted picture/video.

Save

Save picture/video for use later on.

Msg. details

Display properties, including any user right restrictions (p. 13).

Sounds

<Sound> Select.



Display sound functions:

Insert sound

Open list to select a sound.

Record

Activate sound recording to record sounds (p. 107).



Also possible.

Open

Play back the sound.

Delete

Delete inserted sound.

Save

Save sound for use later on.

Msg. details

Display properties, including any user right restrictions (p. 13).

Text

<Text>

Select and enter the text. Type using the keyboard (p. 7).

Insert...

Choose any of the following for insertion:
Text modules. Bookmark.

Insert modules, Bookmark,

Delete text

Delete text on current page.

Save

Save text on the page as a text module.

Text input

T9 settings:

T9 preferred, Input language

Mark

Text processing together with Copy and Insert.

Generation options

Options O	pen menu.		
Send MMS	Send MMS.		
Play	Play entire MMS on the display.		
Picture	See p. 47.		
Sound	See p. 48.		
Text	See p. 48.		
Page	Add page: Insert new page after current one.		
	Delete page: Delete cur- rent 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 is (are) already created and the MMS is displayed.



Open address entry.



Subject: Enter a brief description.

Send to: Enter one or more phone

number(s)/e-mail

address(es).

☐→ Insert from

Insert from Addressbook.

Display the current MMS

size.

Size:

Start sending procedure.



Expanded address fields

Scroll downwards.

More: Provide additional

address fields.

Cc: Address(es) from copy

recipient(s).

Bcc: Address(es) of copy recipient(s) who are not visible

to the other recipients.

Attachments:

Insert attachments.

Date: Creation date.

Use delivery time:

Use specified send time.

If Yes:

Delivery date: Send date. Delivery time: Send time.

Symbols for status information

Priority.

⊑¶] Send report.

| Contains DRM (p. 13).

Sending options

Options C	pen 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

Depending on the setting (p. 53), an MMS can be received in two ways:

Complete transmission

The complete MMS is sent to your phone. This can take quite a while if the MMS is large. Thus, the request to switch to GPRS is displayed before reception, if need be.



Shown in the display.



Start reception. The MMS is sent.

Preliminary notification

You are notified that an MMS is waiting to be received.

W.

Shown in the display.



Read the notification. Display the size of the MMS in KB

Receive

The complete MMS is

sent.

OK

Display in Inbox

MMS

List options

Different functions are offered depending on the list/situation.

Options Open menu.

Ориона	Opci	i iliciid.
Play		Play MMS on the display.
Edit		Display MMS for processing.
View		Display MMS for viewing only (write-protected).
Send MMS		Send MMS.
Reply MMS	6	Reply to MMS immediately.
Forward M	MS	Enter recipient(s) for forwarding.
Msg. detail	ls	Display message parameters.
Receiv.all I	MMS	Send all new MMS messages immediately.
(For standa	rd fund	ctions see p. 15)

Setting



MMS profile:

Six MMS profiles can be set (5 in the telephone memory, one on the SIM card). The send properties can be specified in them. In most cases, they have already been set. Otherwise, will receive the necessary data from the service provider or via the "Setting Configurator" at (see also p. 119):

www.siemens-mobile.com/ mobilescustomercare

Activate profile

Select profile.

Options

Open menu and select

Set profile

Select profile.

Options

Open menu and select 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 Send priority:

priority: Normal, High, Low

Validity: Select the period of time 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 Transmission from the deliv, time: service centre to the

recipient:

Default Length of display for an duration: MMS page (standard requirement).

Retrieval: Receive complete MMS or only notification of arrival.

Immediate
Receive complete MMS

Auto.homenet

Receive complete MMS immediately in home network

Manual

Only receive the notification.

pam filter: Settings for receipt of pro-

Spam filter:
Size indica-

tion: 🛠 🎚

motional MMS messages.

Set max. message size and message handling.

E-mail

Your phone has an e-mail program (client). You can use it to create and receive e-mails.

Write



Enter the address details for the e-mail:

Send to: Enter one/several

e-mail address(es).

Insert them from the Addressbook/Phonebook.

Subject: Enter the heading

(max. 255 characters).

Content Enter text. Type using the

keyboard (p. 7).

To send:

Options Open menu.

Send e-mail

Select.

Or

Bcc:

All fields Open additional input fields

Cc: Address(es) from copy

recipient(s).

Address(es) from copy recipient(s), invisible for

other recipients.

Attachments:

Insert attachments, e.g. pictures or sounds.

Options

Different functions are offered depending on the position of the cursor.

Options Open menu.

Send e-mail	Send e-mail.
Send later	Transfer e-mail into the Unsent list.
Save	Save e-mail in the Draft list.
Add recipient	Add recipient from the current address directory.
Delete line	Delete current line.
Insert	Bookmark Insert from the Addressbook/Phonebook.
Add attachm.	My stuff Open to make a selection. Remember that pictures and sounds may be pro- tected (DRM, p. 13).
Delete text	Delete the whole text.
Text input	T9 preferred Input language

Receive/read



Before an e-mail can be read, it must be retrieved from the server. You have two options:

Retr. e-mail

Only the message header in the Inbox (p. 40) is sent. You can then decide if you also want to receive the contents:

Options

Open menu and select Retrieve body.

or if you want to delete the e-mail on the server:

Options

Open menu and select **Del. on server.**

Send/rec. mail

The set access is selected and all e-mails transferred to the Inbox (p. 40). At the same time, completed e-mails are transferred from the Unsent list.

Attachments

Contains the e-mail attachments; these can be saved in My stuff (p. 114).

Options

Open menu and select Save attach.

Lists

All e-mails are saved in different lists depending on their status (for overview of message symbols, see p. 8):

Inbox



The list of received e-mails is displayed.

Draft



The list of e-mails not yet transmitted is displayed.

Unsent



The list of e-mails not yet transmitted is displayed.

Sentbox



The list of transmitted e-mails is displayed.

List options

Different functions are offered depending on the list.

Options Open menu.

	•
Retr. e-mail	Only transfer the message header into the Inbox (p. 40).
Retrieve body	Retrieve the contents from the server if only the message header was received.
Del. on server	Delete the contents on the server if only the message header was received.
(For standard functions see p. 15)	

Setting



Before using this service, you must set the server access and your e-mail parameters. You will receive the necessary data from the service provider or via the "Setting Configurator" at (see also p. 119):

www.siemens-mobile.com/ mobilescustomercare

Accounts



Select account.



Open.

Activate access



Select access.



Activate access.

Set access



Select access or <Empty>.



Start the processing and fill in the data fields as specified by the service provider.

Select provider.

Your e-mail address.

e.g.: name@domain.abc

Your name

Account sett.

Provider:

F-mail

User name:

address: *

	c.g name@domam.abc
Reply address:	Additional e-mail address for replies.
User ID: *	Your user ID.
Password: *	Your password.
Downl. only e- mails smaller than <10> KB	Set maximum size for incoming e-mails.
Leave copy on serv.:	E-mails remain on the server after they have been retrieved or are deleted.
Download mode:	Subject only, whole e-mail, prompt.
Server type:	Select POP3 or IMAP4.
POP3 server: *	Enter Internet address if the server type is POP3 and SMTP.
POP3 port: *	(Default: 110)
IMAP4 server: *	Enter Internet address if the server type is IMAP4 and SMTP.
IMAP4 port: *	(Default: 25)
SMTP server: *	Enter Internet address.

SMTP port: *	(Default: 25)
SMTP authentic.:	Authentication: Yes/No
SMTP password:	A user password will be required if "Authentication" is set to Yes.

* Your service provider will supply you with this information.

Save

Save settings.

General sett.

Enter an e-mail address to which a **Bcc** (blind carbon copy) is **always** sent.

Inst. message

With this function you can transfer text, audio clips, pictures and files straight to and from one or more terminals (mobile phone, PC). This function is not offered by all service providers. Please ask your service provider about this.

Your dialogue partners are entered in contact lists. When a connection has been established, these lists show who is available, whether he/she wants to be disturbed and what mood he/she is in at present.

GPRS must be switched on.



Start menu

Login Select the account

> through which the dialoque is to take place

or

Account: select (p. 64).

Msg. history

Read the messages from

the last session.

Setup Settings for your repre-

sentation, the applica-

tions and servers.

Quit End application.

Quick start ...

Select the access (p. 64)

→ Inst. message → Login

The current contact list or the overview is displayed (if necessary, set account first, p. 64).

Specify your own status

Options Open menu.

My settings

Select and make entries.

Ø.

Return to contact list.

Enter new contact (p. 59)

Options Open menu.

Manage Press, then:

Add contact

select and enter at least

the user ID.

0

Return to contact list.

Chat with new contact (p. 63)

Select the contact.

Start dialogue.

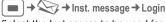
Open editor.

Write text.

Send text

... and so on.

Login



Select the last access to be used (see also Automatic login: p. 65).

Contact lists

When the connection has been established, the contact list or the overview of the contact lists is shown for selection.

In the contact list, you will find a list of the most recently used contacts. The first time you log in, an "empty" contact list will be generated by the server if necessary.

Displays in the list:

-Conversation

Displays online contacts for whom there are messages.

-Online

Online contacts with whom no conversations are being held at present.

-Group

Groups for Inst. Messaging with several contacts

-Offline

Contacts who are not online at present.

Manage contacts



Select a contact.

Options

Open menu.

Manage Select.

Contacts

Different functions are offered depending on the selection:

Add contact

User ID:

Enter a unique user (login) name.

Nickname:

Enter your own nickname for the contact.

Friend:

The contact receives the status **Friend**: and access to personal information (p. 65).

Search con-

Search for contact.

Delete contact

Delete contact from the list

Block contact

No more messages are received from the contact and the contact receives no status information from you. This function works for all your lists.

Manage groups



Select one of the groups you set up yourself.

Ø!

Delete

group

Options

Open menu.

Select. Manage

Manage group

Different functions are offered depending on the selection:

Add member	Add a new group member, see also Add contact
Search memb.	Search for group member.
Invite	Invitation to the contacts in your own group to Inst. Message.
Delete member	Delete contact from the group member list.
Add group	Add a new group.
Search group	Search for group on the server (also groups no longer managed in the list).

Create Group ID: group Enter a unique group name. Name: Name of group. Topic: Topic of group. Searchable: Other people can look for the group. Welcome note: Enter personal greeting.

Delete group.

Create a new contact list

The current contact list is displayed.

Options Open menu.

Contact lists

Available contact lists are displayed.

Options Open menu.

Create Select

Contact list ID:

Give the contact list a

unique name.

Name: Allocate a self-explana-

tory name.

Confirm.

Contact list options

Options Open menu.

rent personal status (p. 65).

Manage Functions for managing a

contact or a group.

Contact lists

Display contact lists for selection

Block list Display all blocked contacts. Can be unblocked

Appl. settings Set the application (p. 65).

Suspend End the application; the server remains connected

Logout Log off from the server and return to start menu.

Help Display help text.

Start chat visit

A contact list must be displayed.



Select a contact or a group.



Start communication with the contact.

The page is displayed. When a group is engaged in a dialogue, the name of the sender is placed in front of each contribution.



Open editor.



Write text.



Send text. The text appears in the chat soon afterwards

Naturally, you can also receive messages from contacts you do not know. This will be pointed out to you in the display, and you can either switch to Inst. Message or ignore/block the contact.

Options (individual contact)

Options Open menu.

Send sound Select and send a melody/sound from the list (DRM, p. 13).

Send picture **⊗!**

Select and send a picture from the list (DRM, p. 13).

Send any

Send any file.

Details

Information about the contact, if they authorise this.

Clear all

Delete all texts in the current Inst. Message.

Block contact No more messages are received from the contact and the contact receives no status information from you.

This function works for all your lists.

Options (group contact)

Options Ope

Open menu.

Leave group	Exit group.	
Details	Information about the group: Group ID:, Name:, Topic:, Owner:	
Clear all	Delete all texts in the current Inst. Message.	

Receiving objects

If sounds or pictures are sent to you during a dialogue, you will be informed of such in the display.

Receive

Accept object

or

Reject

Reject object.

Msg. history



The messages from the last meeting are displayed. You can read and delete the contributions.

Requirement: The server must be disconnected, see Suspend (p. 62) and Automatic login: (p. 65).

Setting

Ø!

Ø.



Account

The list of available accounts is displayed.



Select an account to establish a connection.

Or

<New entry>/Account sett.



Set up an account or change the settings as specified by the service provider. Depending on the service provider, the settings may not be changeable.

Name:	Name of account.
URL:	Enter URL, e.g. http://www.abc.com
User ID:	Enter an unambiguous user (login) name.
Password:	Enter password (shown as a series of asterisks).

My settings

Information on your current personal status:

Alias:	Your own alias under which you can be found on the server.
Screen name:	Name to be displayed in the group.
Mood:	Information about your own mood, e.g. Happy, Sad, Sleepy etc.
Status text:	General text information, e.g. "Am at home".
Availability:	Availability: Available, Not available, Discreet
Mobile:	Enter the phone number with international dialling

Options

For **each** setting, specify who is allowed to view your personal information:

Public

All contacts.

code.

Private

Contacts designated as

Friend: (p. 60).

Hidden Nobody.

Appl. settings

Settings for the application used:

g	
Automatic login:	Auto-reconnect to the last account used.
Timeout:	Time without action after which the application is terminated. However, the server remains connected.
Message info:/ Online info:	Signal the receipt of messages: Yes/No Signal given as: • Sound • Silent alert • Pop-up Popup windows authorised: Yes/No

Voice message/mailbox



Most service providers provide a mailbox in which a caller can leave voice mail for you

- if your phone is switched off or not ready to receive,
- · if you do not want to answer,
- if you are making a phone call (and if Call waiting (p. 80) is not activated).

If the voice mail service is not part of your service provider's standard package, you will need to register, and possibly adjust the settings manually. The following sequence may vary from service provider to service provider.

Setup



The service provider supplies you with two phone numbers:

Save mailbox number

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



Select number from Phonebook/Addressbook or enter/change it.



Confirm.

Save call divert number

Calls are diverted to this phone number.





Enter phone number.



Registration with the network is confirmed a few seconds later

Listen to message



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



Symbol plus beep.



 \searrow

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.

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

Receive CB

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

Topic list

You can add any topics to this personal list from the topic index. You can preset 10 entries with their channel numbers (ID) and, if applicable, with their names.

New topic Select.

- If no topic index is available, enter a topic with its channel number and confirm with OK.
- If the topic index has already been transmitted, select a topic and activate it with Options.

Topic Select

Options Open list menu.

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

CB languages

Receive Cell Broadcast messages in one specific language only or in all languages.



Text zoom



You can set three fixed sizes for the presentation of the display texts across the entire message range:

Medium font size Standard

Zoom + Large font Small font

Zoom -

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.

Access to the service provider

Direct call-up of the browser with the URL from your service provider.

Internet



The browser is activated with the pre-set option as soon as you call up the function (browser settings, p. 69; may be specified/pre-assigned by service provider).

Browser menu

Diowsei illellu		
Options Op	en menu.	
Homepage	Call up the pre-set homepage of the current profile.	
Bookmarks	 List bookmarks Display list of bookmarks stored in the phone. Bookmark site The current page is saved as a bookmark. 	
Go to	Enter URL to dial an Internet address directly, e.g. wap.siemensmobile.com	
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	Set or reset browser (p. 69).	
Exit browser	Close the browser.	

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 from the service provider or via the "Setting Configurator" at (see also p. 119):

www.siemens-mobile.com/

Ontions	Onon monu
Options	Open menu.

Edit	Start processing. Please ask your service provider for the Internet-specific settings that follow.

Delete Delete selected profile.

Bookmarks



Display URL/call up page

List bookmarks

Display list of bookmarks stored in the phone.



Select bookmark.



Call up URL.

Save

Bookmark site

The current page is saved in the phone as a book-mark

Bookmark options

Options Open menu.

Here you will find functions for changing and managing bookmarks and their folders. This includes editing individual entries with the corresponding URLs as well as deleting and moving them to other folders.

Additional information

The Windows® software Siemens MPM (Mobile Phone Manager) can be used to manage Bookmarks(p. 117).

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. 70) and the access (p. 88) must be configured.

Download

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



or



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.

Description file only



The description file is loaded for information purposes only. The application/game itself must be loaded separately.

or complete download



The application/game is completely loaded.

Apply

Remember that applications/games may be protected (DRM, p. 13).



The executable application is saved on the phone and can be started immediately.

Downl. assist.



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

Options

Processing and managing your applications and folders:

cations and	Toluers.
Move	Move applications between folders.
New folder	Create and name new folder.
Reinstall	Reinstall an application (update).
Security	Select a security level.
Reinstall	Repeat after transmission error.
Attributes	Show details of the application/folder (name, version, size, path, producer, date).
HTTP profile	Display profile list for activation/setting
(For standard	functions see p. 15)

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.

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.

quential 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 it is technically possible, backup your applications on a Windows® PC with the MPM (Mobile Phone Manager, p. 117).

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.

Switch on



Select default profile or personal profile.



Switch on profile.

Profile settings

Edit a default profile or create a new personal profile:



Select profile.

Options

Open menu.

Change sett.

Select.

The list of available functions is displayed.

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

Additional information

- · Call up the list in standby mode:
 - The profile list is displayed.
- The active profile is identified with

Profile options

Options Op	en menu.
Activate	Activate selected profile.
Change sett.	Change profile settings.
Copy from	Copy settings from another profile.
Rename	Change personal profile (except default profiles).

Car Kit

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

Headset

The profile is only switched on automatically if an original Siemens headset is used (also see accessories).

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.

Pressing a button can rearrange different functions such as

- Start up/shutdown animation
- · Background image
- Screensaver
- · Startup/shutdown melody
- · Additional animation.

Theme files are compressed to save memory space. After a download (p. 71) or a call from My stuff, these are automatically unzipped when activated.

Additional information

It is possible that the existing settings could be overwritten.

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 for the number keypad.

Input language

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

Keyboard lang.

The order of the characters which appear after pressing the ALT key are set for the language selected (only for languages using Latin-derived characters).

Wallpaper

Set wallpaper 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 screensaver 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.

Preview

Display the screensaver.

Style

Select Analogue clock, Digital clock, Bitmap, Energy saving

Bitmap

Select image in My stuff.

Timeout

Set period after which the screensaver starts.

Security

The phone code is requested to close the screensaver.

Auto key lock

Automatic keypad locking if no key has been pressed for one minute in standby mode.

Unlocking:



Press and hold.

Note

The screensaver **Digital clock** reduces the standby time of the phone.

Start up anim.

Select animation to be shown when phone is switched on.

Shutdn anim.

Select animation to be shown when phone is switched off.

Own greeting

Enter greeting to be displayed instead of animation when phone is switched on.

Big letters

You can choose between two font sizes for the display.

Illumination

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



Press control ring up/ down repeatedly to set it.

Ringtones



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

Ringer setting

On/off Activate/deactivate all

tones.

Beep Reduce ringtone to a

short signal (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 also be activated in addition to the ringtone (e.g. in noisy environments). This function is deactivated when the battery is being charged and accessories are connected (except the headset).



Select from several silent alert versions.

Volume

Set different volumes for types of call/functions.



Select

Incoming call

Messages

CB services

Alarm clock Organiser

System (Open keypad)

Applications



The ringtone is repeated.



Set volume.



Confirm setting.

Additional information

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

The Siemens MPM (Mobile Phone Manager) makes it possible to manage ringtones with Windows® PCs (p. 117).

Assign ringtone

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



Assign a single ringtone to all phone numbers in the Addressbook.

Group calls

Assign a different ringtone to each group.

Other calls

Assign one ringtone to the remaining calls.

More melodies

Assign further ringtones for:

Messages

Alarm clock

Organiser

Startup melody

Shutdown mel.

Open keyboard

Close keyboard

or record new with:

Sound recorder (p. 107)

Call setup



Hide ID

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

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

Call waiting

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

Divert

You can specify the conditions under which calls should be diverted to your mailbox or other numbers.

Status check

You can check the current divert status for all conditions. After a short pause, the current situation is transmitted by the network and displayed.

Condition set.

__ Not set.

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

₿!

₿!

Clear all

?

Ø.

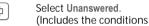
⊗!

All set diversions are cleared.

Set up call divert (example)

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

Unanswered



Not reachable, No reply, Busy, see below)

Confirm.

Set Select

Confirm.

Select or enter the phone number to which the calls

are to be diverted.

Mailbox Use existing mailbox phone numbers, or enter them if necessary.

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

All calls

All calls are diverted.



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

Not reachable

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

No reply

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

Busy

Divert occurs if a call is in progress. If Call waiting is activated, you will hear the call waiting tone during a call (p. 26).

Receiving fax

⊗!

Fax calls are diverted to a number with a fax connection.

Receiving data



Ø.

Data calls are diverted to a phone number with a PC connection.

Additional information

Note that the divert is stored in the network and not in the phone (e.g. when the SIM card is changed).

Reactivate divert

The last divert has been stored. Proceed as with "Set divert". The stored phone number is displayed. Confirm number.

Call screening

8!

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 will hear a beep after each minute as a reminder of the time elapsed. The person you are talking to does not hear this beep.

Phone setup



Key tones

Set the type of acoustic key acknowledgement.

Info tones

Set service and alarm tones:

On/off Activate/deactivate tones.

Extended

If switched on, a wider range of service tones is available, e.g.: end of menu reached, network connection interrupted.

Keyboard

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

New SMS

New MMS

F-mail

New note

Bookmarks

<None>

Automatic switch off

The phone switches off each day at the set time.

Activate

Time

Press.



Enter time (24-hour clock).



Confirm

Deactivate

Manual

Press.



Confirm.

Phone identity

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

More

Press several times to display additional information about the device.

Device test

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 the software version for your phone in standby mode:

* # 0 6 #, then press More

Memory assis.

The memory assistant will help you if there is insufficient phone memory. If required it can also be started automatically from applications.

After their capacities have been checked, all files and folders are displayed along with their size and may be viewed/opened and, if necessary, deleted.

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



Time/date

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



Press.



First enter the date (day/month/year), then the time (hours/min-utes/seconds).

Additional information

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

Time zones

The time zone can be selected in the world map or a city list:

World map



Select the desired time zone.

City list



Select a city in the selected time zone.

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

Set time Se zone	et time zone.
zone ⊗! ma	ave the time zone auto- atically set by the net- ork.
Search city Se	earch for a city.
Help Op	perating instructions.

Date format

Select the display format for the date.

Time format

Select 24h or 12h.

Buddhist year



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

Show clock

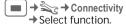
Activate/deactivate time display in standby mode.

Auto time zone



The time zone is detected automatically.

Connectivity



GPRS

(General Packet Radio Service)



Switch GPRS on/off

GPRS is a method for transmitting data faster in the mobile network. Use GPRS and if the network has sufficient capacity, you can be connected to the Internet permanently. Only the actual transmission time is charged by the network operator. Some service providers do not yet support this service.

Shown in the display:



Activated and available.



Registered.



Temporarily interrupted.

Additional information

The Siemens MPM (Mobile Phone Manager, p. 117) connects your Windows® PC or laptop via GPRS to the Internet.

GPRS info

Displays information on connection status.

IrDA

cΩI

Your phone has an infrared interface. With this interface, you can exchange data such as pictures, ringtones, Addressbook entries, business cards or organiser data with other devices which also have an infrared interface

The infrared interface is on the left side of the phone. The distance between the 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. Shown in the display:



IrDA activated.



During transmission.

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.

With SAP (SIM Access Profile) a car phone GSM module can, for example, use the access data from the SIM card on your phone. There is no need to swap the SIM card. It is possible that SAP might not be supported by your service provider.

Each Bluetooth™ device has its own specific address and can be given a self-explanatory name as an option. Password protection ensures the security of a Bluetooth™ connection, as does including the BT partner in a list as a "confidential" device.

To establish a Bluetooth™ connection between your phone and other Bluetooth™ devices you must activate Bluetooth™.



Activate/deactivate Bluetooth.

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

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

If Bluetooth is activated, standby time for the phone will be reduced.

Bluet'th setup



Call up the setting functions (Bluetooth must be activated).

· Search/Search all

Specify which BT devices are to be searched for:

All All BT devices

Audio E.g. headset, car kit

Phone Other BT phones
Personal compute

Personal computer with

BT connection



Start search

The number and name of the most recently found BT device are displayed.

t	he search is ended and he first 10 devices found re shown in a list.
	Retry Start new search. croll to entry required. Dial the device or start the procedure for acceptance is a "confidential" device see below).
Options C)pen menu.
Details	Display the name and address of the BT device.
Trusted dev.	Add the device as confidential to the list of known devices. To do this, enter the password for the other device. The device must first be set to a "confidential mode". If the list is full it is not possible to add another device.
To known list	Add to the list of known devices (see below).
To black list	Add to the black list (see below).

Start new search

Retry

· Known devices

To make selection easier, frequent BT partners can be recorded in the known device list. If entries are "confidential", no password query is made.

· Last connect.

List of most recently and/or still connected devices.

· Black list

Attempts to make connections to devices in this list are rejected.

List options

Each list offers different functions.

Options Open menu.

- 1	
Mark as audio	If not possible automatically, specify device as an "audio" device.
Increase prio.	Move entry up the list so that, for example, a specific audio device is used first.
Decrease prio.	Move entry down the list.
To known list	Move entry to the list of known devices.
To black list	Move entry to the black list.
(For standard functions see p. 15)	

· My BT name

The phone is given a name (max. 16 characters) – this is the name the partner sees. If no name is given, the phone uses the non-changeable device address

· Visib to others

Set how your phone should respond to other BT devices. This means (if "visible") for example that the device address or the BT name of your phone is shown to other BT devices if they request this in order to receive or send data.

Not visible Your phone is not "visible" to other BT devices.

Known devices such as Bluetooth™-Headset/Car Kit continue operating.

Auto mode Your phone is not "visible" to other BT devices for several minutes. You will then be asked if "visibility" should continue.

Always visible

Your phone is always "visible" to other BT devices. These devices can create a connection to your phone, and be added to the known device list if necessary.

Bluetooth™ Shown in the display Bluetooth™ activated. Bluetooth™ visible to others. Bluetooth™ during data transmission. Call accepted on Bluetooth™ device.

Data services

Basic setting and activation of the connection profiles for data transmission such as MMS, WAP.

The phone default setting varies from service provider to service provider:

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

The access profiles must be configured manually. In this case, you will receive the necessary data from the service provider or via the "Setting Configurator" at (see also p. 119):

www.siemens-mobile.com/ mobilescustomercare

Select profile



Select the profile.



Confirm selection.

Set profile



Select the profile.

Options

Open menu.

Edit

Open the selection.



Select CSD settings, and/or GPRS settings.

Edit

Select service and enter data (see below).

Save

Save settings.

CSD (Circuit Switched Data)

Dial-up
number:

Enter ISP number.

Call type:

Select ISDN or analogue.

Login:

Enter login name.

Password:

Enter password (shown as a series of asterisks).

DNS 1 (opt.):/ DNS 2 (opt.):

(optional)

GPRS (General Packet Radio Service)

You can only start to use GPRS once you have activated GPRS on your phone (p. 85).

APN: Enter service provider address

Login: Enter login name.

Password: Enter password (shown

as a series of asterisks).

DNS 1 (opt.):/ (optional)

DNS 1 (opt.):/ (option DNS 2 (opt.):

HTTP profile

The phone default setting varies from service provider to service provider:

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

The current settings can be obtained from your service provider or on the Internet at (see also p. 119):

www.siemens-mobile.com/ mobilescustomercare



Make the settings.

Authentication

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

Fax/data

Ø.

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

The keypad can also be directly locked and unlocked in standby mode.

In each case:



Press and hold

Direct call

(Phone-code protected)

Only **one** phone number can be dialled (see also p. 28).

Only 🗖

(PIN2 or phone-code protected)

Dialling options are restricted to SIMprotected phone numbers in the Phonebook. If only area codes are entered, relevant phone numbers can be added to these manually before dialling.

If the SIM card does not support PIN2 input, the **whole** Phonebook can be protected with the phone code.

This SIM only



(Phone-code protected)

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

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

Codes

For description, see p. 17:

PIN control, Change PIN, Change PIN2, Chg.phonecode

Barrings

8

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

All outgoing

All outgoing calls except emergency numbers are barred.

Outgoing intl.

(International outgoing)

Only national calls can be made.

Out.int.x.home

(International outgoing without home country) International calls are not permitted. However you can make calls to your home country when abroad.

All incoming

The phone is barred for all incoming calls (forwarding all calls to mailbox provides a similar effect).

When roaming

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

Status check

The following information can be displayed after a status check:

Barring set.
Barring not set.

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

Clear all

All barrings are deleted. A password which the service provider will give you is necessary for this function.

Network



Line

⊗!

This function is only displayed if it is supported by the service provider. **Two separate** phone numbers must be registered on the phone.

Select line

Select the currently used phone number.



Display current phone number.

Protected

(Phone-code protected)

You may limit usage to one phone number.

Additional information

Special settings may be made for each phone number (e.g., melody, call divert etc.) To do this, first switch to the required phone number.

Switch from phone number/connection in standby mode:



Press.



Press.

Network info

The list of GSM networks currently available is displayed.



Indicates non-authorised service providers (depending on SIM card).

Choose netwrk

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

Auto network

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

Pref. network

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

Your service provider is displayed:



Display list of preferred networks.

Create/change entry:

<Empty>

or select an existing entry, then select a new service provider in the list and confirm.

Record new service provider (last entry in the list):

Furth.network

Select, enter the provider data and save it.

Additional information

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

If the signal strength of the preferred network is inadequate when you switch on the phone, the phone may register in a different network. This can change when the telephone is next switched on or if another network is selected manually.

Band selection

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

Fast search

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

User group

β!

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.

Active

Activate/deactivate function. "User group" must be deactivated for normal phone use.

Select group

You can select or add groups other than preferred groups (see below). Code numbers for the groups are obtained from your service provider.

All outgoing

In addition to network control for a user group, it is possible to set whether outgoing calls outside the group are permitted. If the function is deactivated, only calls within the group are permitted.

Pref. group

⊗!

If activated, calls may only be made within this standard user group (depending on the network configuration).

Accessories



Car Kit

Only in combination with an original Siemens handsfree car kit (see accessories). 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).



Shown on the display.

Automatic switch off

(factory default: 2 hours)

The phone is powered by the car's power supply. You can adjust the time between switching off the ignition and the time at which the phone switches off automatically.

Car loudspk.

Improves playback in certain circumstances.

Automatic settings

- Permanent illumination: switched on.
- · Key lock: switched off.
- · Charging the phone battery.
- Auto. activation of the car kit profile when phone is inserted in the cradle.

Headset

Only in conjunction with an original Siemens headset (see accessories). 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.

Automatic setting

Accept call with Call key or Call acceptance key, even when the auto key lock is activated.

Auto answer

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

My menu



Press.

My menu

Press.

Create your own menu with frequently used functions, phone numbers or Internet pages.

The list of 10 entries is preset. You can, however, change it as you wish.

Use



Select the required entry.



Confirm.

Or



If the entry selected is a phone number, you can also dial it with the Call key.

Change menu

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



Select the required entry.



The function list is opened for selection



Select the **new** entry from the list



Confirm. The entry is saved.

If Phonebook is selected, the phone number must also be selected; if Internet is selected, the bookmark must also be selected.

Reset all

(Phone code required)



Select. After a security prompt, the pre-assignment is reset.

Fast access

You can assign one important phone number or function to each of the two soft keys and number keys 2 to 9 (speed-dial numbers). The phone number can then be dialled or the function can be started at the touch of a button.



Additional information

The service provider may have already assigned functions to a soft key (e.g. access to "SIM services" or direct call-up of the Internet portal). It may not be possible to modify this key assignment.

The left soft key may sometimes be replaced automatically by \(\subseteq \lambda \) (oo to access a new message for example.

Soft keys

Change

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



Press briefly.

Change

Scroll to new assignment in the list



Confirm.

- Special case Phone number. Choose a name from the Phonebook/ Addressbook for assignment to the key.
- Special case Bookmark. Scroll to a URL in the bookmark list for assignment to the key.

Apply

In standby mode:

Application

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

Internet

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

Phone No.

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



Press and **hold**, the phone number is dialled.

Speed dialling keys

Number keys 2 to 9 can be used as speed dialling numbers for fast access. Number key 1 is reserved for the mailbox phone number (p. 66) and number key 0 is reserved for switching over two connections during use (p. 93).

Assigning numbers or functions

In standby mode:

Press number key **briefly** (e.g. the 3).

If this number is still free:

Set Press.

Select a new function from the list and confirm

with .

Or An assignment has already been made to this key (assignment displayed above the right

soft key):

Press briefly.

Change

Scroll to application in the

list.

Confirm.

- Special case Phone number. Pick out a name from the Phonebook/Addressbook for assignment to the key.
- Special case Bookmark. Scroll to a URL in the bookmark list for assignment to the key.

Apply

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

In standby mode:

Press briefly.

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

Internet Press and hold.

3 def

Or simply

Press and hold

Organiser

Calendar



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

The calendar offers you three views:

Monthly view

Special colour coding:

Day with entries for appointments, day-long appointments, weekends.

Navigation:



One day forward/back.



One week forward/back



Daily view open.

Weekly view

Special displays:

Appointments are shown as a vertical colour bar on the horizontal hour division.

Navigation:



One day forward/back. On the weekend to the previous/next week.



Forward/backward by the hour through the day.

Daily view

Special displays:

Description of appointment.

Navigation:



One day forward/back.



To the start/end of the day or next/last entry.

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.

Additional information

With the mobile phone manager, (p. 117) you can synchronise appointments, tasks, and memos with Outlook® and Lotus Notes $^{\text{TM}}$.

Appointments

→ Appointments

Appointments are displayed in chronological order in a list.

Enter new appointment

<New entry>

Select.

Types:

200

™// Memo

Text input for description.

Voice memo
Enter voice memo

Shown with alarm.

ງ Call

Enter phone number to be displayed 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

Description:

Description of nature of appointment.

Phone number:

Enter a phone number or select one from the Addressbook.

Voice memo:

Enter a voice recording, see Dictat.machine, p. 103.

Location: Location of appointment.

Whole day: All-day appointment: Yes/No

163/110

Start date: Date when appointment begins.

Start time: Time when appointment starts.

End date: Date when appointment

ends.

End time: Time when appointment

ends.

Alarm time: On/off or Silent alert.

Enter the period of time **before** the appointment and select the time unit:

Minutes, Hours, Days

Reoccurrence:

Select a timeframe for repeating the appointment:

No, Daily, Weekly, Monthly, Yearly

Enter a parameter for repeating:

Forever, Until, Occurrences (number)

If Weekly is selected, certain weekdays can be highlighted.

Standard

In the list, select those fields which are to be offered for future entries.

Additional information

Display above set alarms:

(Ö)

Alarm clock

Appointment

An alarm sounds even when the phone is switched off (except in Aircraft mode, p. 74). The phone does not go to standby mode. To deactivate it press any key.

Information about the alarm

When the set date and time are reached there is an audio and a visual alarm. If an alarm is missed it appears in the list of missed appointments (p. 102).

Alarm type Memo:

Alarm type Meeting:

The text is shown in the display.

Alarm type Call:

The phone number is displayed and can be dialled immediately.

Alarm type Birthday:

You can send special birthday greetings by SMS, MMS, e-mail or a call via Options .

The **Pause** can be used to interrupt the alarm.

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"). Then:

Status: Select Done or Outstanding.

Priority: Select 5 levels from

Lowest to Highest.

Use date: If activated with Yes, the

following time input option is offered.

Due date:/Expiry time: Enter the date and time by which the task is to be

completed.

Alarm: and Standard:

as is done with Appointments.

Notes



Write and manage brief text notes.

Enter a new note

<New entry>

Select.

Enter text. The first line is displayed as a "title" in the notes list. Total length: max. 160 characters.

Options

Open menu.

Save

Save note. When Confidential is selected, a note is protected with the phone

code.

Missed appts.

■ → ✓ → Missed appts.

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

Organiser options

Depending on the application used (Calendar, Appointments, Tasks, Notes) and the current situation, different functions are offered.

Options Open menu.

	•
Delete	Delete entry.
Delete until	Delete all entries prior to a certain date.
Delete all	Delete all entries after a security prompt.
Delete done	Delete all completed tasks.
Activate/ Deactivate	Switch alarm on/off.
Filter	Display all entries with the selected feature.
Confiden- tial	Protect note with phone code. We recommend that you do not store any passwords (PIN, TAN etc.) as notes.
(For standard	d functions see p. 15)

Dictat.machine



Use the dictating machine to record short voice memos.

- Use your phone as a dictating machine when on the move.
- Record a memo as a reminder or as a note for others.
- Add a voice memo to an appointment in the calendar.
- Two-way record a call useful for remembering numbers or addresses.

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.

New recording

<New entry>

Select.

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



A brief beep sounds when the recording starts. Now dictate the text.



Switch between pause/record.



End recording.

The recording 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.

Dictating machine options

Options Open menu.

Play	Play recording back.
Set as	Use the recording as a ringtone.
Loudspeaker	Playback through the built-in loudspeaker.
(For standard functions see p. 15)	

Operation with the dictation key



Dictation key (in standby mode and during a call:

- press briefly, the last recording is played back.
- press and hold, it records as long as the key is pressed.

Time zones



The time zone can be selected in the world map or a city list:

World map



Select the desired time zone.

City list



Select a city in the selected time zone.

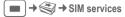
Time zone options

Options Open menu.

	'
Set	Specify the time zone.
Auto time zone	The time zone is switched automatically to local time by the network.
Search city	Search for a city.
Help	Operating instructions.

Extras

SIM services (optional)



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

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



Symbol for SIM services.

Where there are several applications, these are displayed in a SIM services menu. With the SIM services menu, your phone can support future additions to your service provider's user package. For further information, please contact your service provider.

Alarm clock



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



Activate/deactivate the alarm



Switch to time setting.



Set alarm call time (hh:mm).



Switch to week days.



Navigate to the various days.



Display options: alarm call time and days.





Set days for alarm calls. Press again to delete the highlighting.

Press and **hold** to highlight/unhighlight all the days.

OK

Confirm setting.

Additional information



Screen display in standby mode: alarm clock activated.

Use Snooze to set the alarm to repeat.

Sound recorder

Use the sound recorder to record noises and sounds for use as ringtones. The sound recorder is usually started from other applications/functions such as assigning a ringtone.

New recording

Start from main menu



<New entry>

Select.

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

Start it from another application as fol-

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 **Sounds** folder. **Rename**

with Options.

Insert

Transfer the recording into the application.

Playback

٦

Select the desired recording.



Switch between playback/pause.



Press and **hold**, for rapid rewind and fast forward.



Open menu.

Loudspeaker	Playback through the built-in loudspeaker.
Set as	Set the recording as a

ringtone.

(For standard functions see p. 15)

Calculator



The calculator can be used in a basic version and with an advanced range of functions. The input line and two calculation lines (including the matrix with the calculation functions) are located in the top half of the display.



Enter digit(s).



Navigate functions.



Use function. The result is calculated and displayed immediately.

+, -, *,/	Basic calculation types
=	Result
1/x	Reversion
%	Convert to percentage
	Decimal point
±	Sign change "+"/"-"
Options	Expansion of the range of functions:
$\sqrt{\mathbf{x}}$	Square root
√x 2 x	Square
е	Exponent
MS	Save displayed number
MR	Call up saved number
M+	Insert number from memory

Calculator options

Basic functions

Options Open menu.

Convert

Call up the unit converter with the current result.

Clear all

Delete all units.

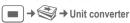
Extended mode/

Convert calculation

Basic mode functions.

(For standard functions see p. 15)

Unit converter



You can convert various measurement units into other measurement units.

The following types are offered with various units:

Velocity
Energy
Mass
Pressure
Time
Volume
Area
Length
Power

Temperature

Currency
Example for Velocity units:

Туре	Units
Velocity	Kilometres/h, Metres/sec, Miles/h, Miles/sec, Knots, Mach

Converting the units/currency

Select the source unit/currency.

Switch to the input field.

Enter the quantity to be converted.

Switch to the selection

The result is displayed.

field.

Select the target measurement unit/currency.

You can use both input fields alternately.

Special key functions:

Set decimal point.

Change sign.

Currency

When you call up the function, you must enter a base currency into which the conversions are to be made

Enter currency (e. g. Euro). Save Store entry.

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

Options Op	en menu.	
Add currency	Enter new currency and exchange rate.	
Set as base	Use entered currency as base currency.	
Edit rate	Change the exchange rate of the base currency.	
Calc.	Start calculator.	
(For standard functions see p. 15)		

Stopwatch



Two intermediate times can be recorded and saved.

Also display in standby mode.



Start/stop.



Save intermediate time.

After a stop:



Reset to zero.

Stopwatch options

Options Open menu.

Stopwatch list Display saved entries.

(For standard functions see p. 15)

Countdown

■ → Countdown

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

Also display in standby mode.

Open input window.

Set period of time.

Confirm.

If a countdown time is specified:

Start countdown.

While the time is elapsing:

Interrupt counter.

Let counter continue running.

Reset Reset counter to starting time

Remote synchronisation





■ → Remote syncr.

You can use this function remotely to access externally filed data (addresses, calendar, etc.) and synchronise these with the data on your phone. The data can, for example, be saved on a company computer or the Internet e.a.:

www.siemens-mobile.com/svncml

Synchronisation



The computer is selected and synchronisation started. When completed. the actions which have been performed are displayed.

Next / Back

Scroll through the various displays.

Sync. Setting

The following settings can be made prior to synchronisation:

Sync. profile

You can choose between 5 profiles.



Select profile.

Activate profile.

Or

Edit

Set profile.

Server sett

Providers Display the current service provider.

Homepage: URL for synchronisation.

Port: Enter port number. e.a. 80.

Login: Enter user name (login name).

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

Calendar path Contacts path Notes path Task path

HTTP Confirmation required: authentifica .:

Yes/No (if No, the input fields are not visible).

HTTP name: Enter name

HTTP

password: Enter password.

Last sync:

Time of the last synchronisation.

Sync. mode

- · Sync data: Modified data or All data
- Sync direction: Two-way, Mobile update or Server update

Sync items:

Highlight database areas to be synchronised:

Calendar

Addressbook

Notes

Tasks

Save settings.

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 using the Device manager, so you can download them. When downloading is finished, you will be asked to switch the phone off and on again. Afterwards, the software of your phone will be updated. Please follow the instructions in the display.

The phone default setting varies from service provider to service provider:

- The settings have already been implemented by the service provider. You can start immediately.
- Access profiles have already been created by your service provider. Then select and activate profile.
- The access profiles must be configured manually. If necessary, check with your service provider for details. You will find current profiles for each service provider on the Internet at

www.siemens-mobile.com/ mobilescustomercare under "FAQ".

Active profile

A standard profile for downloading the current software of the operating system is displayed.



Establish a connection to the active profile.

Or

Edit Call up profile list



Select profile.



Activate profile.

Or

Edit

Set profile.

Last connect.

Display last connection.

My stuff

To organise your files, you can use the file system like a PC file manager. There are separate folders for the various data types in My stuff.

Remember that pictures and sounds may be protected (DRM, p. 13).



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.

<New picture>/<New sound>

The application for the folder currently selected is loaded.

<New downL>

The browser is started and the download page displayed.

My stuff options

,	1
Options Ope	en menu.
Move	Place highlighted file(s) or folder in temporary memory.
Сору	Place highlighted file(s) or folder in temporary memory.
Paste	Transfer content of temporary memory into current folder.
New folder	Create a new folder and name it.
Thumbn. view	Switch over to miniature view.
Attributes	Display information on file or folder selected.
(For standard fu	nctions see n 15)

Index structure

Separate folders have already been created for different data types in My stuff. These folders cannot be changed.

Folder	Description	Format
Pictures	Pictures	bmp bmx jpg/jpeg png gif
Videos	Videos	3gp
Anima- tions	Start up/shut down animations	bmx gif
Sounds	Melodies	mid amr wav
Themes	Loaded theme (zipped)	sdt
	Theme configura- tion (unzipped)	stc
Colour skins	Loaded user inter- faces	scs
Games	Java archive	jar
	Download info	jad
Applica- tions	Applications, such as Photo Editor or Download Assistant	*
Misc.	Internet sites.	html wml

Depending on the service provider, the structure, content and range of functions in My stuff may vary.

Media player

When you are viewing a picture/ video or listening to a melody, the application starts a media playback.



Scroll to the next media file

Pictures

The following functions can be applied to a displayed picture:



700m function if the displayed picture has a higher resolution than the display. The two soft keys (+/-) enlarge/reduce the picture. The control ring moves the picture detail.



Centre the picture.



In full-screen mode and change back (also with dictation key p. 6).



Switch on display illumination (only in full screen mode).



Send via MMS or e-mail. for example.

Melodies/video

The media playback offers the following functions for melody and video playback:



Play or pause, depending on the situation



Set volume.



Switch to mute.



End playback.

Stop.

Options

Options

Open menu.

Different functions are offered depending on the starting situation and the object.

,	
Volume	Set volume with the control ring.
Set as	Set picture as Wallpaper, Logo, for example, and sounds, for example, for Incoming call, Startup melody.
Slideshow	Automatic run-through in full screen mode. Change individual picture with control key.
Edit	Access to processing pictures (application must be loaded).

(For standard functions see p. 15)

Mobile Phone Manager

The Windows® PC program, Mobile Phone Manager, enables you to use extended phone functions from your PC. Among other things, you can easily manage your phone's Addressbook, read, store and send SMS and EMS messages, or synchronise your phone with Outlook® or Lotus Notes™. The phone and PC communicate via Bluetooth, infrared, or a data cable (See Accessories, p. 128).



You can download the software from the Internet:

www.siemens-mobile.com/sk65

Contacts Management



You can use contacts management to manage the personal contacts you have stored in your phone, to add new ones and to delete and edit them. You can compare and copy contacts between your phone, Outlook®, Lotus Notes™ and other Siemens phones (including Gigaset).

SMS and EMS management



Write EMS and SMS messages from the convenience of your PC. Use all the options your PC offers you and use your sounds and pictures to create SMS and EMS messages. You can read, forward, print, delete and archive your messages.

Backup and restore



With the back-up function, you can regularly make a back-up copy of your phone data on the PC. If you ever lose the data on your phone or replace the phone, you can quickly re-instate all data with the restore function. Please observe any possible restrictions for DRM-protected data.

Bookmark Management



Use your PC to browse on the Internet and define your preferred sites. Save the Internet addresses as bookmarks on your phone so that you can quickly call them up at a later time when you are on the move.

Phone explorer



You can use the phone explorer to read your phone's file system. Files such as pictures, sounds and much more can easily be copied between the phone and PC by dragging and dropping.

GPRS modem



The GPRS modem establishes an Internet connection via your mobile phone so that you can surf the Internet on your laptop while on the move and at the touch of a button.

Picture and photo processing



Picture/photo processing offers the user the opportunity to conveniently create, edit and manage pictures and photos. Filters and effects are offered to help create colourful, attractive graphics. The user-friendly interface makes child's play of transferring pictures/photos from or to the mobile phone, and of changing the graphic settings.

Ringtone management



The sound module allows the user to manage nearly all sound formats easily and to save them on the phone. This phone does not support MP3 functionality.

Questions & Answers

If you have any questions on the use of your phone, you can contact us at **www.siemens-mobile.com/mobilescustomercare** around the clock. As further help we have listed below some frequently asked questions and answers.

Configuration service

To help you set up your mobile phone for the data service WAP, MMS, e-mail and Internet, you can use a configuration service. This service is used to have the necessary settings for your mobile phone sent to you by SMS. We recommend that you contact your network provider who will send you the configuration messages.

As an alternative you can also use the "Setting Configurator" at

www.siemens-mobile.com/mobilescustomercare. Siemens will then send you the configuration messages. Please follow the instructions contained in those messages.

Problem	Possible causes	Possible solution	
Phone cannot be switched on.	On/Off key not pressed long enough.	Press On/Off key for at least 2 seconds.	
	Flat battery.	Charge battery. Check charging indicator in the display.	
	Battery contacts dirty.	Clean contacts.	
	See also below under "Charging error"		
Standby time is too short.	Frequent use of organiser and games.	Restrict use if applicable.	
	Fast search activated.	Deactivate speed search (p. 94).	
	Display illumination switched on.	Switch off display illumination (p. 77).	
	Unintentional keystrokes (illumination!).	Activate key lock (p. 91).	
Charging error (charge icon not displayed).	Battery totally discharged.	Plug in charger cable, battery is on charge. Charge icon appears after approx. 2 hours. Charge battery.	
	Temperature out of range: +5 °C to +45 °C.	Make sure the ambient temperature is right, wait for a while, then recharge.	
	Contact problem.	Check power supply and connection to the phone. Check battery contacts and telephone connection socket, clean them if necessary, then insert battery again.	
	No mains voltage.	Use different mains power socket, check mains voltage.	
	Wrong charger.	Only use original Siemens accessories.	
	Battery faulty.	Replace battery.	

Problem	Possible causes	Possible solution
SIM error.	SIM card not inserted correctly.	Check that the SIM card is inserted correctly (p. 12).
	Dirty SIM card contacts.	Clean SIM card with a dry cloth.
	SIM card with wrong voltage.	Use 3 V SIM cards only.
	SIM card damaged (e.g. broken).	Carry out a visual check. Have service provider change the SIM card.
No network	Weak signal.	Move higher, to a window or an open space.
connection.	Outside the GSM range.	Check service provider's coverage area.
	Invalid SIM card.	Complain to the service provider.
	New network not authorised.	Try manual selection or select a different network (p. 93).
	Network call barring is set.	Check network barrings (p. 92).
	Network overloaded.	Try again later.
Phone loses network.	Signal too weak.	Reconnection to another service provider is automatic (p. 93). Switching phone off and on again can speed this up.
Calls not possible.	Second line set.	Set first line (p. 94).
	New SIM card inserted.	Check for new barrings.
	Charge limit reached.	Reset limit with PIN2 (p. 39).
	Credit used up.	Load credit.
Some calls not possible.	Call restrictions are in place.	Barrings can be set by service provider. Check barrings (p. 92).
Keypad opened, it is not possible to make phone calls.	Keypad not completely opened.	Open keypad completely. Now calls can be made in handsfree talking mode or with the headset.
Keypad closed, it is not possible to make phone calls.	Keypad not completely closed.	Close keypad completely. Now calls can be made as usual.
Keypad: Only certain characters can be used.	Fn mode blocked.	Press Fn key again, to switch off this mode (p. 7).
Impossible to make entries in Phone-book/Addressbook.	Phonebook/Addressbook is full.	Delete entries in the Addressbook/Phonebook (see standard functions, p. 15).
Voice message not functioning.	Call divert to mailbox not set.	Set call divert to mailbox (p. 66).
flashes to indicate an SMS.	SMS memory full.	Delete SMS messages (see standard functions, p. 15) or archive them (p. 43).
I flashes to indicate an MMS.	MMS memory full.	Delete MMS messages (see standard functions, p. 15).

Problem	Possible causes	Possible solution
flashes to indicate an MMS.	Phone memory full.	Delete messages, pictures, videos, games or applications.
Function cannot be set.	Not supported by service provider or registration required.	Contact your service provider.
Capacity problems with, for example, Games & More, ringtones, pictures, videos, SMS archive.	Phone memory full.	Delete files in the relevant areas. You can use the memory assistant to delete specific files (p. 83).
No Internet access, downloading not possible.	Profile not activated, profile settings wrong/incomplete.	Activate or set browser profile (p. 70). If necessary ask your service provider.
Text message can- not be sent.	Service provider does not support this service.	Contact your service provider.
	Phone number for service centre not set or incorrectly set.	Set service centre (p. 45).
	SIM card contract does not support this service.	Contact your service provider.
	Service centre overloaded.	Repeat message.
	Recipient does not have a compatible phone.	Check.
EMS pictures are not displayed on the destination phone.	Destination phone does not support the EMS standard.	
No Internet access possible.	Incorrect browser profile set, or wrong or incomplete settings.	Check browser settings (p. 70); contact your service provider if necessary.
PIN error/ PIN2 error.	Three wrong entries.	Enter the PUK (MASTER PIN) supplied with the SIM card according to the instructions. If you have lost the PUK (MASTER PIN), contact your service provider.
Phone code error.	Three wrong entries.	Contact Siemens Service (p. 123).
Service provider Code error.	No authorisation for this service.	Contact your service provider.
Too few/too many menu entries.	Functions may have been added or deleted by the service provider via the SIM card.	Check with your service provider.
No fax possible.	Wrong settings in the PC.	Check settings (p. 90).
	No authorisation for this service.	Contact your service provider.

Problem	Possible causes	Possible solution
Charge meter does not work.	Charge pulse is not being transmitted.	Contact your service provider.
Damage		
Severe shock.	Remove battery and SIM and re-	insert them. Do not dismantle the phone!
Phone became wet.		mediately with a cloth, but do not apply heat. Dry stand mobile upright in an air current. Do not disman-

Reset all settings to factory default, p. 83: * # 9 9 9 9 #

Customer Care

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

Our online support on the Internet:

www.siemens-mobile.com/ mobilescustomercare

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 *#06#), the software version (to display, press *#06#, then More) and if available, your Siemens Service customer number.

You will also find the most frequently asked questions and answers in the section entitled "Questions & Answers" in this user guide on p. 119.

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				
Argentina	0 80	08	88 98 78	S
Australia	13	00	66 53 66	ò
Austria	05	17	07 50 04	ŀ
Bahrain			40 42 34	ŀ
Bangladesh	0	17	52 74 47	,
Belgium	0	78	15 22 21	
Bolivia	0	21	21 41 14	ļ
Bosnia Herzegovina	0	33	27 66 49	þ
Brazil	0 80	07	07 12 48	S
Brunei		02	43 08 01	i
Bulgaria		02	73 94 88	3
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				
Egypt	0	23	33 41 11	
Estonia				
Finland	09	22	94 37 00)
France	01	56	38 42 00)
Germany *	0 18	05	33 32 26	ò
Greece	0 80	11	11 11 16	j
Hong Kong		28	61 11 18	
Hungary	06	14	71 24 44	ŀ
Iceland		5	11 30 00)
India22 24 98				
Indonesia				
Ireland				
Italy				
Ivory Coast				
Jordan				
Kenya				
Kuwait				
Latvia		7	50 11 18	į
Lebanon				
Libya				
Lithuania	8	52	74 20 10	J

^{* 0.12} Furo/min

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				
Netherlands	.0	90	03	33 31 00
New Zealand		08	00	57 43 63
Nigeria				
Norway			22	70 84 00
Oman				79 10 12
Pakistan		02	15	66 22 00
Paraguay		8	00	10 20 04
Philippines				
Poland		08	01	30 00 30
Portugal				
Qatar				
Romania		02	12	04 60 00
Russia	.8	80	02	00 10 10
Saudi Arabia		0	22	26 00 43
Serbia		01	13	07 00 80
Singapore			.62	27 11 18
Slovak Republic				
Slovenia		0	14	74 63 36
South Africa				
Spain		9	02	11 50 61
Sweden				
Switzerland		08	48	21 20 00
Taiwan		02	23	96 10 06
Thailand		0	27	22 11 18
Tunisia				
Turkey	.0	21	65	79 71 00
Ukraine	.8	80	05	01 00 00
United Arab Emirates		0	43	66 03 86
United Kingdom				
USA				
Vietnam				
Zimbabwe				

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

€ 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 × 22mm

(114 ccm)

Li-lon battery: 750 mAh

Operating temp.: -10 °C ... 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 declaration

For technological reasons, a few small dots with different colours may appear in the display in exceptional cases.

Just remember that the appearance of brighter or darker dots generally does not mean that a fault has occurred.

Accessories

Fashion & Carry

Carrying Cases

A range of carrying cases is available at specialist shops or you can visit the Siemens Mobile Store online:



Siemens Original Accessories
www.siemens-mobile.com/

www.siemens-mobile.com/ shop

Energy

Li-lon Battery (750 mAh) EBA-660

Spare battery

Travel Charger

Travel Charger EU ETC-500

Travel Charger UK ETC-510

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

Car Charger Plus ECC-600

Charger for the cigarette lighter socket in the car. It is possible to make phone calls during charging.

Handsfree Portable

Headset HHS-510

Headset Purestyle HHS-610

Headset Bluetooth™ HHS-600/610

Headset with Call acceptance key to accept and end calls

Office

Data Cable DCA-500

For connecting the phone to the serial RS232 port of the PC.

Data Cable USB DCA-540

For connecting the phone to the USB port of the PC. With load function.

SyncStation DSC-600

Table support for the phone to facilitate simultaneous data exchange and telephone charging. Contains a desktop stand and a data cable USB.

Car Solutions

Mobile Holder Antenna HMH-640

The cradle for connecting an external antenna. Ideal for use with headset or car kit portable.

Can also be used as cradle for retrofitting your handsfree car kit (series 55).

Car Kit Comfort HKC-640

Handsfree kit with first-class digital call quality and supreme ease of use. Includes all components needed for installation. The individual antenna solution is available in specialist shops.

Car Kit Bluetooth HKW-600

Innovative BluetoothTM handsfree kit with an external display for making in-car calls safely and conveniently.

Optional car kit accessories

Car Data Adapter HKO-690

Phone-In Adapter HKO-570

Products can be obtained in specialist shops or you can visit the Siemens Mobile Store online:



Siemens Original Accessories

www.siemens-mobile.com/ shop

Guarantee certificate (UK)

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

- In the case of new devices and their components exhibiting defects resulting from manufacturing and/or material faults within 24 months of purchase. Siemens shall, at its own option and free of charge, either replace the device with another device reflecting the current state of the art, or repair the said device. In respect of parts subject to wear and tear (including but not limited to, batteries, keypads, casings, small parts on casings, protective coverings where included in the scope of delivery), this warranty shall be valid for six months from the date of purchase.
- This Guarantee shall be invalid if the device defect is attributable to improper treatment and/or failure to comply with information contained in the user manuals.
- This Guarantee shall not apply to or extend to services performed by the authorised dealer or the customer themselves (e.g. installation, configuration, software downloads). User manuals and

- any software supplied on a separate data medium shall be excluded from the Guarantee.
- The purchase receipt, together with the date of purchase, shall be required as evidence for invoking the Guarantee. Claims under the Guarantee must be submitted within two months of the Guarantee default becoming evident.
- Ownership of devices or components replaced by and returned to Siemens shall vest in Siemens.
- This Guarantee shall apply to new devices purchased in the European Union. For Products sold in the United Kingdom the Guarantee is issued by Siemens plc, Siemens House, Oldbury, Bracknell, Berkshire, RG12 8FZ.
- Any other claims resulting out of or in connection with the device shall be excluded from this Guarantee. Nothing in this Guarantee shall attempt to limit or exclude a Customers Statutory Rights, nor the manufacturer's liability for death or personal injury resulting from its negligence.
- The duration of the Guarantee shall not be extended by services rendered under the terms of the Guarantee.

- Insofar as no Guarantee default exists, Siemens reserves the right to charge the customer for replacement or repair.
- The above provisions does not imply a change in the burden of proof to the detriment of the customer.

To invoke this Guarantee, please contact the Siemens telephone service. The relevant number is to be found in the accompanying user guide.

Guarantee certificate (IRL)

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

- In the case of new devices and their components exhibiting defects resulting from manufacturing and/or material faults within 24 months of purchase. Siemens shall, at its own option and free of charge, either replace the device with another device reflecting the current state of the art, or repair the said device. In respect of parts subject to wear and tear (including but not limited to, batteries, keypads, casings, small parts on casings, protective coverings where included in the scope of delivery), this warranty shall be valid for six months from the date of purchase.
- This Guarantee shall be invalid if the device defect is attributable to improper care or use and/or failure to comply with information contained in the user manuals. In particular claims under the Guarantee cannot be made if:
- The device is opened (this is classed as third party intervention)
- Repairs or other work done by persons not authorised by Siemens.

- Components on the printed circuit board are manipulated
- · The software is manipulated
- Defects or damage caused by dropping, breaking, lightning or ingress of moisture. This also applies if defects or damage was caused by mechanical, chemical, radio interference or thermal factors (e.g.: microwave, sauna etc.)
- Devices fitted with accessories not authorised by Siemens
- This Guarantee shall not apply to or extend to services performed by the authorised dealer or the customer themselves (e.g. installation, configuration, software downloads). User manuals and any software supplied on a separate data medium shall be excluded from the Guarantee.
- The purchase receipt, together with the date of purchase, shall be required as evidence for invoking the Guarantee. Claims under the Guarantee must be submitted within two months of the Guarantee default becoming evident.
- Ownership of devices or components replaced by and returned to Siemens shall vest in Siemens.
- This Guarantee shall apply to new devices purchased in the European Union. For Products sold in the Republic of Ireland the Guar-

antee is issued by Siemens Ireland Limited, Ballymoss Road, Sandyford Industrial Estate, Dublin 18 -The Republic of Ireland.

- Any other claims resulting out of or in connection with the device shall be excluded from this Guarantee. Nothing in this Guarantee shall attempt to limit or exclude a Customers Statutory Rights, nor the manufacturer's liability for death or personal injury resulting from its negligence.
- The duration of the Guarantee shall not be extended by services rendered under the terms of the Guarantee.
- Insofar as no Guarantee default exists, Siemens reserves the right to charge the customer for replacement or repair.
- The above provisions does not imply a change in the burden of proof to the detriment of the customer.

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

SAR – European Union (RTTE)

INFORMATION ON RF EXPOSURE/SPECIFIC ABSORPTION RATE (SAR)

THIS MOBILE PHONE MEETS THE LIMITS SET BY THE EU (1999/519/EC) FOR PROTECTION OF THE HEALTH OF THE PUBLIC FROM THE EFFECTS OF EXPOSURE TO FLECTROMAG-NETIC FIFLDS

These limits are part of comprehensive recommendations for the protection of the public. The recommendations were developed and confirmed by independent scientific organisations through periodic and thorough evaluation of scientific studies*. The limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

Before a radio equipment may be placed on the market, compliance with the European laws and the respective technical limit requirements must be demonstrated. Only then the CE mark may be affixed**. The limit for mobile phones recommended by the Council of the European Union employs a unit of measurement known as the Specific Absorption Rate, or SAR. This SAR limit is 2.0 W/kg***. This corresponds with the requirements of the International Commission for Non-Ionizing Radiation Protection ICNIRP and was adopted into the European Norm for Mobile Radio Equipment EN 50360. The SAR of mobile phones is determined in accordance with the European Norm EN 50361. This involves measuring the maximum value in all frequency bands of the mobile phone with the phone transmitting at its highest power level. The actual SAR level of the phone during normal operation may be well below the maximum value.

This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output.

The highest SAR value for this model phone when tested for compliance against the norm is

0.34 W/kg****

The SAR information can also be found on the Siemens web site at

www.siemens-mobile.com

While there may be differences between the SAR levels of various phones and at various positions, all Siemens products meet the legal requirements.

The World Health Organization (WHO, CH-1211 Geneva 27, Switzerland) states that present scientific information does not indicate the need for any special precautions for use of mobile phones.

Further information:

www.who.int/peh-emf www.mmfai.org

www.siemens-mobile.com

- The CE mark confirms that the product is in compliance with the legal requirements of the European Union as a prerequisite for the placing on the market and the free movement of goods within the European internal market.
- averaged over 10 g body tissue.
- **** SAR values may vary depending on national requirements and frequency bands. SAR information for different regions can be found at

www.siemens-mobile.com

SAR – International (ICNIRP)

INFORMATION ON RF EXPOSURE/SPECIFIC ABSORPTION RATE (SAR)

THIS MOBILE PHONE MEETS THE LIMITS FOR PROTECTION OF THE HEALTH OF THE PUBLIC FROM THE EFFECTS OF EXPOSURE TO ELECTROMAGNETIC FIELDS

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) energy recommended by international guidelines from the International Commission on Non-Ionizing Radiation Protection (ICNIRP). These limits are part of comprehensive guidelines for the protection of the public and establish permitted levels of RF energy for the population. The auidelines were confirmed by independent scientific organisations 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 limit for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit stated in the international guidelines is 2.0 W/kg**. Tests for SAR are conducted in all frequency bands using standard operating positions with the phone transmitting at its highest power level. The actual SAR level of the phone during operation can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output.

The highest SAR value for this model phone when tested for use at the ear is

0.34 W/kg***

SAR information can also be found at www.siemens-mobile.com While there may be differences between the

While there may be differences between the SAR levels of various phones and at various positions, they all meet the international guidelines for safe RF exposure.

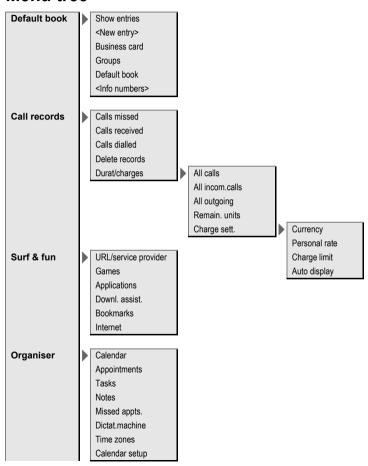
* The World Health Organization (WHO, CH-1211 Geneva 27, Switzerland) states that present scientific information does not indicate the need for any special precautions for use of mobile phones.

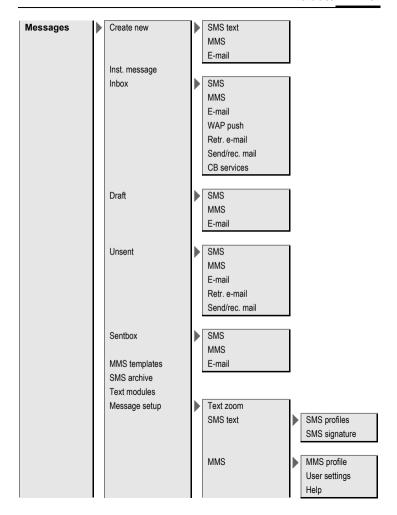
Further information: www.who.int/peh-emf www.mmfai.org www.siemens-mobile.com

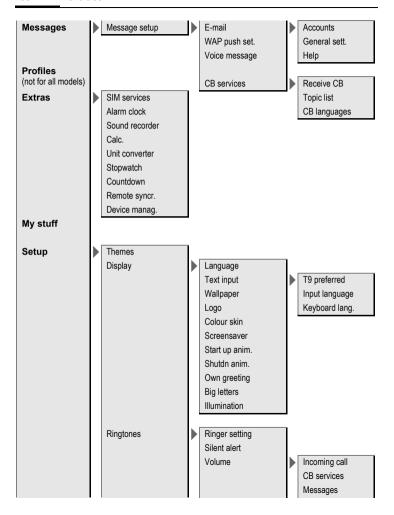
- ** averaged over 10 g of tissue.
- *** SAR values may vary depending on national requirements and frequency bands. information for different regions can be found at

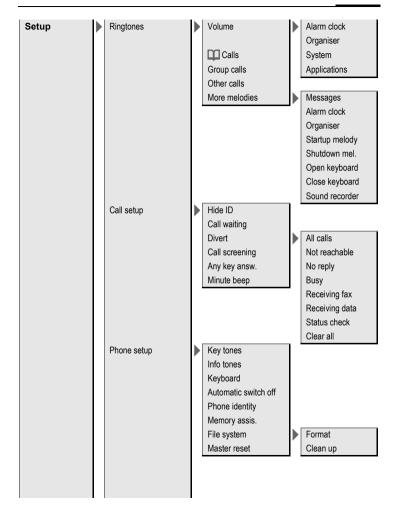
www.siemens-mobile.com

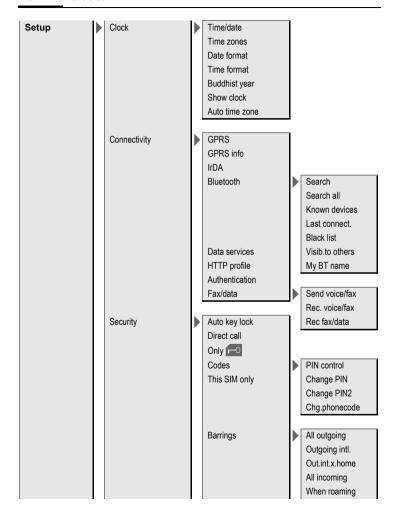
Menu tree

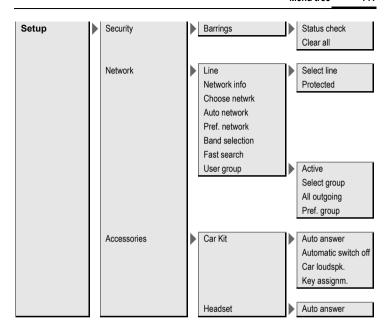












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