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Siemens Aktiengesellschaft
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CF62

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See also Index at the end of this User Guide

Safety precautions

Information for parents

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



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



Mobile phones can interfere with the functioning of medical devices such as hearing aids or pacemakers. Keep at least 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 (V) must not be exceeded. Otherwise the charging device may be destroyed.



The ring tone (p. 56), info tones (p. 57) and handsfree talking are reproduced through the loudspeaker. Do not hold the phone to your ear when it rings or when you have switched on the handsfree function (p. 21). Otherwise you risk serious permanent damage to your hearing.



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



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

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.

Phone overview

① Call key

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

② On/Off/End key

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

③ Navigation key

In lists, messages and menus:



Scroll up and down.



Function call (same function as right soft key (page 6)).



Back a menu level.

During a call:



Start adjusting the volume.



Open Addressbook/Phonebook.



Open call menu.

In standby mode:



Voice control (hold down).



Open Addressbook/Phonebook.



Open menu.



GPRS Info.



① Loudspeaker

② Colour Display

③ Soft keys

The current functions of these keys are shown in the bottom line of the display as

Text/symbol (e.g.,).

④ Input keys

⑤ Ringtone

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

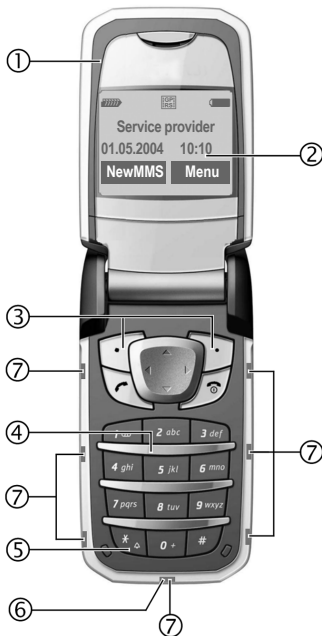
⑥ Plug socket

For charger, headset, camera etc.

⑦ Dynamic light

Seven LEDs indicate visually different events and functions, as well as the current phone status, e.g. network searching, battery low, etc. (set, page 67).

You can determine the visual signal (LEDs) on the phone for certain functions and events. The LEDs then flash in different rhythms depending on the current function.



① Antenna

Do not obstruct the antenna unnecessarily.

② 2nd display

Displays time, incoming calls, screensaver and certain other information when the clamshell is closed.

In addition, symbols are used to indicate the following events:



Missed incoming call



Missed alarm



Missed appointment

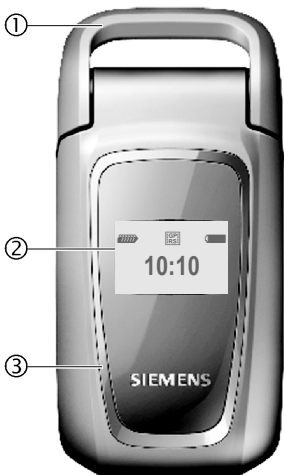


Missed message

③ Clamshell

In standby mode, opening the clamshell switches off the 2nd display and switches on the colour display. When the clamshell is closed the colour display is switched off, and the 2nd display is switched on. An alarm tone sounds and a warning message is shown on the 2nd display. If the clamshell is not opened again within 3 seconds, applications are terminated,

When **Auto answer** (page 71) is activated a call can be answered by simply opening the clamshell.



Note

Your phone is supplied with protective films applied to the displays. **Remove these films before getting started.**

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

Display symbols

Display symbols (selection)



Signal strength.



Charging.



Battery charge level, e.g. 50%.



Addressbook/Phonebook



Call records



Surf & fun/Service provider portal



Alarm clock



Messages



Ring tones



Extras



Own stuff



Setup



Call(s) is/are diverted.



Ringer off.



Short ring (beep) only.



Ringtone only, if the caller is stored in the Addressbook/Phonebook.



Alarm set.



Alarm clock activated.



Keypad locked.



Message memory full.



No network access.

**ABC/
Abc/abc**

Indicates whether upper or lower-case letters are active.

T9Abc

Text input **with** T9.



Activated and available.



Registered.



Temporarily interrupted.



WAP online.



WAP via GPRS online.



WAP no network.



Auto answer feature on.

Organiser symbols (selection)



Memo



Call



Meeting



Birthday



Anniversary

Access with left soft key (selection)



Message received.



MMS notification received.



Voice message received.



Unanswered call.

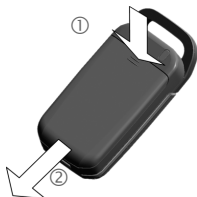
Depending on the service provider, some of the symbols shown here may vary from those in the phone,

Getting started

Insert SIM card/battery

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

Press grooved area ①, then remove the cover downwards in the direction of the arrow ②.



- Place the SIM card into the slot with the contact surface facing **downwards**. Gently push the holder tab over the SIM card ③ (ensure the bevelled corner is correctly positioned).



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



- To remove, press the retaining tab on the side of the battery, then lift the battery out.
- Place cover on phone and then push to the upper edge, until it clicks into place ⑥.



Additional information

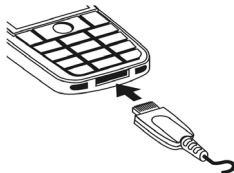
Please switch off your phone before removing the battery!

3V and 1.8V SIM cards are supported. Please contact your service provider if you have an older card.

SIM card problemspage 95

Charge battery

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



Display when charging is in progress



During charging.

If **Dynamic light** is activated for **Charging** (page 68) the middle two LEDs flash slowly to show that the charging process is in progress. When the battery is fully charged, these LEDs switch off.

Charging time

An empty battery is fully charged after about 2 hours. Charging is only possible within a temperature range of +5 °C to +40 °C. If the temperature rises/falls 5 °C above/below this, the charge symbol flashes a warning. The mains voltage specified on the power supply unit must not be exceeded (Operating time, page 101).

Charge icon not visible

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

Only use the power supply unit provided!

Display while in service

Charge level display during operation (empty–full):



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

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 will be reset.

Switch on, off / PIN entry

Switch on/off

Open the clamshell to gain access to the keypad.



Hold **down**
On/Off/End key.

Enter PIN

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



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

OK

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

If the clamshell is closed before a PIN is entered, the phone is switched off immediately.

Additional information

Change PIN.....	page 15
Clear SIM card barring	page 16
Clock settings	page 71

Emergency number (SOS)

Only to be used in real emergencies!

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

Switching on your phone for the first time

Time/date

Set the clock to the right time once at start-up.

Yes

Press.



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

OK

Press. The time and date are updated.

Time zones

Set the time zone for your area.



Select the required time zone from list ...

Set

... and set it.

Phonebook or Addressbook

You can choose whether you want to use the **Phonebook** on the SIM card or the internal **Addressbook** as standard.

You can copy the SIM card Phonebook to the Addressbook on the phone. Please **do not interrupt this procedure**. During this time **do not accept incoming calls**. Follow instructions in the display.

To copy data on the SIM card at a later time, highlight entries (see page 14) and copy these with the function **Copy into**  (Phonebook options menu, page 31).

You can change the default book at any time (page 28).

Signal strength



Strong reception signal.



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

General instructions

User guide

The following symbols are used to explain operation:



Enter numbers or letters.



On/Off/End key.



Call key.



Press navigation key (left/right).



Press navigation key (top/bottom).



Displays a function.



Function dependent on service provider, may require special registration.

Without SIM card

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



The functions are displayed.



Emergency, SOS.

Menu controls

The steps needed to reach a function are shown in a **condensed form** in this user guide.

For example:

To display call list for missed calls in condensed form:

Menu →  → **Calls missed**

This comprises the following steps:



Open main menu.



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



Confirm.

Standby mode

Very often function descriptions begin in standby mode.

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



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

Standard functions

Option menus

Menu functions are made available in options menus. A selection of functions that occur frequently is shown here.

Options Open menu.

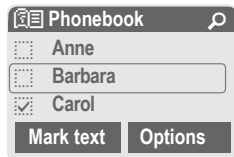
Edit	Open the entry to edit.
Capacity	Display available capacity.
View	Display entry.
Delete / Delete all	Delete entry/delete all entries after confirmation.
New entry	Create new entry.
Send MMS	Send entry as MMS message.
Send	Dial number or select from the Addressbook/Phonebook, then send.
Save	Store entry.
Sort	Set sort criteria (alphabetical, type, time).
Text input (page 24)	T9 preferred: Activate/deactivate T9 input. Input language: Select language for text.
Rename	Rename selected entry.

Highlighting mode

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

Options Open menu.

Mark text Activate highlighting mode.



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

Mark text The current entry is highlighted.

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

Unmark Unmark the current entry.

Additional highlighting functions:

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

Security

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

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

Codes

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

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

PIN control

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

Change Press.

 Enter PIN.

OK Confirm.

Change PIN

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

 Enter **current** PIN.

OK Press.

 **OK** Enter new PIN.

 **OK** Reenter new PIN.

Change PIN2

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

Menu →  → Security → Codes

Change phonecode

You define the phone code (4-8 digits) when you call up a phone-code protected function for the first time (e.g. Direct call page 23). 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 happens please contact Siemens Service (p. 98).

Clear SIM card barring

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

Additional information

Screensaver page 66
Further security settings page 75

Preventing accidental activation

Even if PIN control is deactivated (page 15) confirmation is required to switch on the phone.

This prevents the phone from being switched on accidentally, e. g. when carried in a pocket or whilst you are on an aircraft.



Hold down.

Please confirm switch on

OK

Cancel

OK

Press. The phone switches on.

Cancel

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

Close Clamshell:

The phone switches off.

My phone

Adjust your phone in the following ways to give it a personal touch and make it just how you want it:

Ring tones

Assign individual ringtones to caller groups or for special events (p. 56).

Pictures

Assign individual images or photos to your Addressbook entries (page 32).

Animations

Choose a start-up and closing animation (p. 66).

Own greeting

Choose a personal greeting (p. 67).

Screensaver

Choose a digital clock or a personal picture (p. 66).

(Provider) Logo

Choose an individual picture (to be displayed in standby mode) (p. 66).

Background

Choose your own permanent background image for the colour display (p. 66).

Applications

Download your own applications from the Internet (p. 63).

Colour scheme

Select a color scheme for the user interface (p. 66).

Where do I get what?

Additional ring tones, logos, animations and Java applications are available from your service provider or directly from Siemens.

Service provider portal

Depending on your service provider, you may have direct access on your phone to its portal via menu options or bookmarks. Please contact your service provider for more information on these services.

Siemens City Portal

Additional ring tones, logos, animations and screensavers, as well as other applications, games and services, are available on the Internet at

www.siemens-mobile.com/city

Or you can download them direct via WAP:

wap.siemens-mobile.com

Here you will also find a storage service, and a list of the countries in which the services are available.

Calling

Dialling with number keys

Open the clamshell to gain access to the keypad.

The phone must be switched on (standby mode).



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

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



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

End call



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

Set volume



Use the top of the navigation key to start adjusting the volume. Then press top/bottom to adjust the volume as required (only possible during a conversation).

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

Redial

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



Press the Call key **twice**.

To redial other numbers that were dialled previously:



Press the Call key once.



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



Press ...

If the number is busy

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

 End key.

Or

Call back



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

Reminder

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

Additional information

 Store phone no. in Address-book/Phonebookpage 29, page 32

 Call menupage 23

Handsfr. Handsfreepage 21

Hide IDpage 69

Microphone offpage 23

Voice diallingpage 35

International dialling codes

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

Country Press and select country.

Phone number memo

You can enter a phone number during a 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 (standby mode). An incoming call will interrupt any other use of the phone.

Open the clamshell.

And

Answer Press.

Or



Press.

A phone number transmitted by the network is displayed or the corresponding name if it is contained in the Phonebook (page 29) or Addressbook (page 32). A picture may also appear (settings page 32).

Additional information

When **Auto answer** (page 71) is activated a call can be answered by simply opening the clamshell.

Reject call

Open the clamshell.

And

Reject Press. To divert call, see page 69.

Or



Press **briefly**.

Additional information

When **Auto answer** (page 71) is activated you must reject the call within 2 seconds. Otherwise it will be accepted automatically.

Warning!

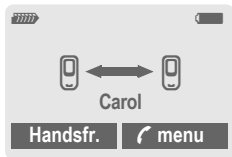
Please make sure you have accepted the call before holding the phone to your ear. This will avoid damage to your hearing from loud ring tones.

Additional information

 Missed callspage 38
Switch off ringerpage 56

Handsfree

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



Handsfr. Activate handsfree talking.

Yes Switch on.



Use the navigation key to adjust the volume.

Handsfr. Switch off.

Warning!

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

menu Call menupage 23

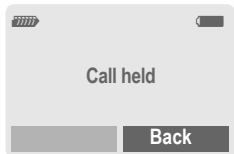
Swap between 2 calls

Establish a second connection

You can call another number during a call.

menu Open call menu.

Hold The current call is put on hold.



Now dial the new phone number (Addressbook/Phonebook ).

When the new connection is established:

menu Open call menu

Swap Swap back and forth between the calls.

End current call



Press. You are now connected to the caller.

Incoming calls during a call

You may need to register for this service with your service provider and set your phone accordingly (page 69). During a call, you may be advised that there is another call waiting. You will hear a special tone during the call. You have the following options:

- **Accept the waiting call**

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

To swap between the two calls proceed as described above.

End call(s):

Press End key . According to the display: **Return to held call?** you have the following choice:

Yes You accept the held call.

No You also end the second call.

- **Reject 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 call.

Answer Accept new call.

Conference

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

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



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

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

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

End



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

Call menu

The following functions are only available during a call:

 **menu** Open menu.

Hold	(page 21)
Microphone on	If the microphone is switched off the person on the other end of the line cannot hear you (muting). Also: Hold  down.
Handsfree	(page 21)
Volume	Adjust handset volume.
Conference	(see left)
Duration/charges	Display call duration and (if set, page 39) costs accruing during the call.
Send DTMF	(page 37)
Call transfer 	The original call is joined to the second one. For you, both calls are now ended.
Main menu	Access to main menu.
Call status	List all held and active calls (e. g. conference call participants).

Direct call

If this is active, only **one** number can be dialled.

Switch on

Menu →  → **Security** → **Direct call**



Press.



Enter phone code.

The phone code (4- to 8-digits) is set by you and entered at the first security setting.

Please note this code down
(see also page 15)!

OK

Confirm input.

Change

Press.



Select phone number from the Addressbook (page 33) or Phonebook (page 30) or enter new number.

OK

Confirm "On".

Apply

To dial, **hold** down the right soft key.

Switch off



Hold down.



Enter phone code.

OK

Confirm input.

Change

Press.

OK

Confirm "Off".

Text entry

Text entry without T9

Press number key repeatedly until the required letter appears. After a brief interval the cursor will advance. Example:



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

Hold down to write the number.

Ä, ä, 1-9

Umlauts and numbers are displayed after the relevant letters.

Clear

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



Move the cursor (forwards/back).



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

Hold down: All input variants are displayed.

Press briefly: Special characters are shown.

Hold down: Open input menu.



Press once/repeatedly:

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

Hold down: Writes 0.



Writes blank. Press twice = jumps a line.

Special characters



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

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

1) Line break



Navigate to characters.

Select

Press.

Input menu

With text input:



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

Text format (SMS only)

Input language

Mark text

Copy/Add

Text entry with T9

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

Activate, deactivate T9

Options Open text menu.

Text input Select.

T9 preferred
Select.

Change Activate T9.

Select Input language

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

Options Open text menu.

Text input Select.

Input language
Select.

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

Write a word using T9

Since the display changes as you proceed,

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

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

 press briefly for T9Abc then type

 Press. A blank ends a word.

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

Additional information



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

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



Go to the right. Ends a word.



Press briefly:

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

Hold down:

All input modes are displayed.



Press briefly:

Select special characters (page 24).

Hold down:

Open input menu (page 24).

T9 word suggestions

If several options are found in the dictionary for a key sequence (a word), the most probable is displayed first. If the word you want has not been recognised, the next suggestion from T9 may be correct.

The word must be **highlighted**. Then press

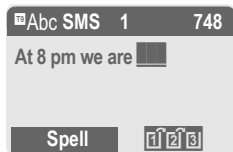


again. The displayed word is replaced with a different word. If this word is also incorrect, press



again. Repeat until the correct word is displayed.

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



To add a word to the dictionary:



Select.

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

Correct a word

Words written **with** T9:



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



Scroll through the T9 word suggestions again.

Clear

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

Words **not** written with T9:



Move letter by letter to the left/right.

Clear

Deletes the letter to the left of the cursor.



Letters are inserted at the cursor position.

Additional information

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

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 U.S. Pat. Nos. 5,818,437, 5,953,541, 5,187,480, 5,945,928 and 6,011,554;
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 Republic of Singapore Pat. No. 51383;
 Euro.Pat. No. 0 842 463 (96927260.8)
 DE/DK, FI, FR, IT, NL, PT, ES, SE, GB;
 and additional patents are pending worldwide.

Text modules

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

Write text modules

Menu →  → **Text modules**

<New entry>



Select **<New entry>**.



Write text module.

Save

Press.

Accept the default name or give it a new name, then save with **OK**.

Use text modules



Write message (SMS, MMS).

Options

Open text menu.



Select **Text modules**.



Select text module from the list.



Confirm. The text module is displayed.

OK

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

Default book

Menu →  → Select function.

Show entries

Entries in the standard directory (Addressbook or Phonebook) are shown for selection.



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



The number is dialled.

<New entry>

Create new entry in standard directory.

Phonebook (see page 29)

Addressbook (see page 32)

Default book

Select the Phonebook (only one phone number possible per entry) or the Addressbook as your standard directory (default book). Your preference should be for the Addressbook, because more entries and functions (e.g. pictures, birthdays, several phone numbers per entry, etc.) are possible.



Select **Phonebook** or **Addressbook**.



Set as standard.

Groups

(see page 36)

Businesscard

Create your own business card. Send it as an SMS/MMS to another GSM-phone.

If no business card has been created yet, you will be asked for your input.



Move from field to field to put in your details. You will find explanations of these input fields on page 32 and page 33.

Last name:	E-mail 2:
First name:	URL:
Phone:	Company:
Phone/office:	Street:
Phone/mobile:	Post code:
Fax:	City:
Fax 2:	Country:
E-mail:	Birthday:

Save

Press.

Additional information

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



Copy numbers from Addressbook/Phonebook.

Options

See Addressbook menu (page 34).

Information numbers

(see page 30)

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 is set as standard (Addressbook as standard, page 28):



Open Phonebook
(in standby mode).



Select <New entry>.



Confirm.



Select input fields.



Fill in the input fields described below. The maximum number of characters available is displayed at the top of the screen.

Number:

Always enter phone number with dialling code.

Name:

Enter first and/or last names.

Group:

Phone numbers may be assigned to the **VIP** group.

Location

Default: **SIM**



Select the storage location, such as **SIM** or **Protected SIM** (page 31).

Record no.:

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



Change the record number.

Save

Press to store the new entry.

Additional information

Temporary swap to Addressbook	page 32
Country International dialling code	page 19
Text entry	page 24

<Special books>



Open Phonebook
(in standby mode).

<Special books>

Select

<Own numbers>

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

<VIP numbers>

Assign important numbers to group.

<SIM phonebook>

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

<Protected SIM>



On special SIM cards, phone numbers can be stored in a protected location. PIN2 is required for editing (p. 15).

See also function **Only** (p. 75).

<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.

Call (search for an entry)



Open Phonebook.



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



Number is dialled.

Call using record no.

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



Enter record number.



Press.



Press.

Change entry



Select entry in Phonebook.



Confirm and select
Change.



Select input field.



Edit.



Press.

Phonebook menu

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

Options Open menu.

View	Display entry.
Edit	Open the entry to edit.
New entry	Create new entry.
Copy into 	Copy entry/entries to the Addressbook.
Copy all to 	Copy all entries to the Addressbook.
Delete	Delete entry.
Delete all	Delete all entries after confirmation.
Mark	Activate highlighting mode; the entry currently selected is highlighted (page 14).
Mark all	Activate highlighting mode; all entries are highlighted (page 14).
Send...	(page 93)
Capacity	Display maximum and available capacity.

Location

An entry can be moved from one storage location to another.

SIM (Standard)

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

Protected SIM



On special SIM cards, phone numbers can be stored in a protected location. PIN2 is required for editing (page 15).

Activate with the function **Only**  (page 75).

Addressbook

The Addressbook can store up to 500 entries, each with a variety of telephone and fax numbers as well as additional address details. These entries are managed separately from those in the Phonebook in the phone memory. However, you can exchange data between the Addressbook and the Phonebook on the SIM card.

<New entry>

If the Addressbook has been selected as standard:



Open Addressbook
(in standby mode).

Addressbook

<New entry>

Import Select



Confirm.

Abc New entry

Last name:

Smith

First name:

Clear Save



Enter first and/or last name.

Group



Entries can be organised by groups (page 36). Select with **Change**.

Make further entries field by field.

Phone:	URL: (Internet address)
Phone/office:	Company:
Phone/mobile:	Street:
Fax:	Post code:
Fax 2:	City:
E-mail:	Country:
E-mail 2:	Birthday: (page 33)

Picture

Select

Assign a picture to an Addressbook entry. It is displayed if you are called by the corresponding phone number (see page 92).

All fields

Select

Show all input fields if the display was previously reduced (see page 34, Addressbook menu, Field setup).

Save

Save the entry.

Additional information

<Groups> Group functions (page 36).

Birthday After entering the date of birth, the "reminder box" can be activated. You can now enter the time for the reminder. The phone will then remind you with an accoustic tone and also with a display one day before the birthday and on the birthday.



Copy data from another Addressbook entry.

Country

Copy international dialling code from the list (page 19).



Temporarily switch to Phonebook.

Change entry



Open Addressbook (in standby mode).



Select required entry.

View

Press.



Edit

Open entry.



Make changes.

Options See below.

Save

Save setting.

Right soft key:

When you jump from line to line while reading, the right soft key changes depending on the type of data. Press this key to activate the relevant application:

VoiceDial Voice dialling menu (page 35).

Link Visit URL (page 58).

Show Display respective picture.

Call (search for an entry)



Open Addressbook
(in standby mode).

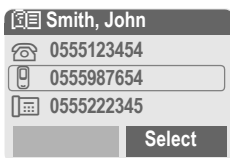


Select a name with the
first letter and/or scroll.



The number is dialed.

If an Addressbook entry has several numbers stored:



Select phone number.



The number is dialed.

Addressbook menu

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.

View	Display entry.
Edit	Open the entry to edit.
New entry	Create new entry.
Move to ...	Assign entry to a group.

Copy to SIM	Copy entry/entries with name and selected phone number to SIM card.
Delete	Delete entry.
Delete all	Delete all entries after confirmation.
Mark	Switch on highlighting mode (page 14).
Mark all	Activate highlighting mode; all entries are highlighted (page 14).
Filter	Display only those Addressbook entries with the following criteria: • Voice dialling • E-mail • URL • Birthday • Bitmap
Business card	Define an entry as your own business card.
Voice dialling	Apply voice dialling to an entry (page 35).
Send...	(page 93)
Capacity	Display maximum and available capacity.
Field setup	Select visible input fields for new entry.

Voice dialling

Dial numbers by voice command. Up to 20 recorded names for voice dialling or voice commands (page 86) can be saved on the mobile (not on the SIM card).

Record



Open Addressbook (in standby mode).



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

Options

Open menu.

Voice dialling



Select.

Choose phone numbers, if there are more than one.

Record

Press.

Start

Start recording.

A short signal sounds. Now speak the name. After a second beep and message in the display, **repeat** the name. A beep now confirms the recording, which is saved automatically.

Voice dialling menu

Depending on the actual situation, different functions will be offered.

Options

Open menu.

Play

Play back a voice command.

New

Record a new voice command.

Delete

Delete voice command from an entry.

Delete all

After confirmation delete all voice commands for this entry.

Apply voice dialling



Hold **down**. Start voice dialling (in standby mode).

Now speak the name. The number is dialled.

Additional information

Noisy environments may affect voice recognition. If attempt was unsuccessful, press the navigation key once more and repeat the name.

Groups

Nine groups are specified in your phone to enable you to arrange your Addressbook entries clearly. You can rename a name seven groups.



Open Addressbook
(in standby mode).

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



Select group.



Open menu.

Rename group

Select and give group a name.

Additional information

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

Received: Contains vCard Addressbook entries received by SMS (name cannot be changed).

SMS to grouppage 44

Group menu

Options

Open menu.

Open

Display all members of the selected group.

View

Addressbook, page 33.

Options

See page 34.

Group symbol

Assign a symbol to a group, see below.

Rename group

Change name of group.

Group symbol

Assign to a group a symbol that appears on the display when one of its members calls you.



Select group.



Open menu.

Group symbol

Select.



Choose a symbol.



Confirm.

Control codes (DTMF)

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

 **menu** Open call menu.

Send DTMF

Select.

Use the Phonebook

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



Enter phone number.



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



Enter DTMF codes (numbers).



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



Enter a name.

Save

Press.

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

Records

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

Menu → 

Select

Press.



Select call list.



Confirm.



Select phone number.



Dial phone number.

Or

View

Display information on the phone number.

10 phone numbers can be stored in each call list:

Calls missed



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



Icon for missed call (in standby mode). Press the left soft key.

The phone number is also displayed if the network supports the "Caller ID" function.

Calls received



Accepted calls are listed.

Calls dialled

Access to the last numbers dialled.



Fast access in standby mode.

Delete records

The records are deleted.

Call list menu

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

Options

Open list menu.

Correct no.

Load number to display and edit there if necessary.

Save no. to 

Store entry in the Addressbook/Phonebook (see also below).

(For standard functions see page 14)

Duration/charges

You can display charge details and the duration of different types of calls while you speak, as well as setting a unit limit for outgoing calls.

Menu →  → **Duration/charges**

Select type of call:

Last call

All outgoing calls

All incoming calls

Remaining units

Select Display data.

Once displayed you can:

Reset Clear display.

OK End display.

Charge setting

Menu →  → **Duration/charges**
→ **Charge setting**

Currency



(PIN2 prompt)

Enter the currency in which the charge details are to be shown.

Personal rate



(PIN2 prompt)

Enter the charges per unit/period.

Account limit



(PIN2 prompt)

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

Change 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 pre-paid cards may vary, depending on the service provider.

Auto display

Call duration and call charges are automatically displayed for each call.

Alarm clock

Menu → ((🕒))

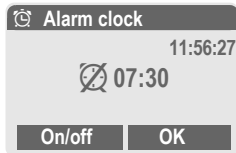
The alarm will ring at the time set by you, even when the phone is switched off. When the clamshell is open the alarm is shown in the colour display; when the clamshell is closed the alarm is shown on the 2nd display. If the phone has been switched off in **Aircraft mode** the alarm is only shown on that display and is not indicated by sound or dynamic light.

Setting

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

OK

Confirm settings.



On/off

Activate/deactivate the alarm.

Additional notes



Alarm clock activated.



Alarm clock deactivated.



Screen display in standby mode: Alarm clock activated.

Voice message/mailbox

Menu →  → **Message setup**
→ **Voice message**

Most service providers offer a mailbox, in which a caller may leave a voice message for you

- if your phone is switched off or not ready to receive,
- if you do not want to answer,
- if you are making a phone call (and **Call waiting** is not activated, page 69).

If the mailbox is not included in the standard package, you must register for it and, if necessary, make the adjustments manually. Depending on the service provider the following procedure may vary.

Settings



The service provider supplies you with two phone numbers:

Save mailbox number

Call this phone number to listen to the voice messages left for you.

Menu →  → **Message setup**
→ **Voice message**

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

OK Confirm.

Save call divert number

Calls are diverted to this phone number.

Menu →  → **Phone setup** → **Divert**
→ e. g., **All Unanswered** → **Set**



OK

Enter phone number.

Registration with the network will be confirmed after a few seconds (for call divert see page 69).

Listening to message



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



Icon plus beep.

Or



Notification via SMS.

Or

You receive a call with an automatic announcement.

Dial into your mailbox and listen to your message(s).



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

SMS

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

Additionally you can insert pictures and sounds in an SMS.

Depending on the service provider, e-mails and faxes can also be sent and e-mails received via SMS (change setting if necessary, page 48).

Writing and sending

Menu →  → **New SMS**



Text input using "T9" (page 25) allows you to create longer messages very quickly using just a few key strokes.

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



Press.



Dial number or select from the Addressbook/Phonebook.

Groups SMS to group (page 44).

OK

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

OK

Back to create a text.

Displays in the uppermost line:

 **Abc** **SMS** **1** **739**
We start at 8.

 **Abc**
abc/Abc/
ABC/123

T9 active.

Switch between upper-case/letters and digits.

SMS

Display title.

1

Number of SMS messages required.

739

Number of characters still available.

Additional information

Insert special characters.....page 24

Insert pictures & soundspage 43

SMS profilepage 48

Message type, Validity period, Service centre
may be requested.....page 48

Text options

Options Open text menu.

Save	Save composed text in draft list.
Picture&sound	Add pictures, animations and sounds into message (see following text).
Text modules	Insert text module (page 27).
Format	Line feed Small font, Medium font, Large font Underline Default alignm., Left, Right, Centre Mark text (highlight text using navigation key)
Clear text	Delete the whole text.
Insert from 	Insert entry from Addressbook/ Phonebook.
Send via ...	Select an SMS profile for transmission (page 48).
(For standard functions see page 14)	

Picture&sound

Send pictures and sounds with or without accompanying text.

The text input field opened ...

Options Open menu.



Select **Picture&sound**.

The menu contains:

Fix animations

Fix sounds

Own animat.

Own pictures

Own sounds



Select section.



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.

Additional information

EMS (Enhanced Messaging Service)

You can use this service to send pictures and sounds in addition to (formatted) texts (page 43). Playback only occurs if the destination phone supports the EMS standard.

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

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** (page 48).

WAP push

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

SMS to group

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

Options

Open menu.

Send

Select.

Group

The list of groups is displayed.



Select group.



Open group and select all/individual entries



Transmission is started after confirmation.

Read SMS



Arrival of new SMS announced on display.



To read the SMS press the left soft key.

Date/time

01.05.2004 10:10

Tel. no./sender

55536989876

Message

Are we meeting tomorrow?

Reply

Options



Scroll through message line by line.

Reply

See below.

Options

See page 47.

Reply options

Reply

Open reply menu.

Write message

Create a new reply text.

Edit

Edit received SMS or add new text.

Answer is YES

Add YES to the SMS.

Answer is NO

Add NO to the SMS.

Call back

Add a standard text as a reply to the SMS.

Delay

Thank you

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

Phone number/URL in SMS

Phone numbers **highlighted** in the text can be dialled or saved in the Address-book/Phonebook. It is also possible to select and call URLs (Internet addresses) directly and start an HTTP download. The HTTP profile (page 74) or WAP profile (page 61) must be set and activated.



Press to dial phone number/download.

Download ringtones and logos

You can receive links for downloading ringtones, logos, screensavers, animations and information about applications (page 61) with an SMS. Please highlight this link and, by pressing the Call key , start the download. Please ensure that the HTTP profile (page 74) and the connection (page 73) are configured.



Message memory full

If the message icon flashes the SIM memory is full. **No** more SMS messages can be received. Delete or archive messages (page 47).

Lists

All SMS messages are archived in different lists, according to their status:

Inbox

Menu →  → **Inbox** → **SMS**

The list of received SMS messages is displayed.

Draft

Menu →  → **Draft** → **SMS**

The list of not yet transmitted SMS messages is displayed.

Unsent

Menu →  → **Unsent** → **SMS**

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

Sent

Menu →  → **Sent** → **SMS**

The list of sent SMS messages is displayed.

List options

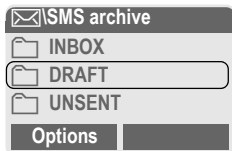
Each list offers different functions:

View	View entry.
Reply	Answer incoming SMS messages immediately.
Mark a.unread	Mark message as unread.
Save no. to 	Copy a highlighted phone number to Addressbook/Phonebook.
Archive	Move SMS message to archive.
Send via ...	Select an SMS profile for transmission (page 48).
Picture&sound	Save pictures or sounds from the SMS.
(For standard functions see page 14)	

SMS archive

Menu →  → **SMS archive**

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



Different functions are available, depending on the context:

Archive options

See **List options** and **Own stuff**, page 92.

SMS profiles

Menu →  → **Message setup**
→ **SMS profiles**

Up to 5 SMS profiles can be set. The transmission characteristics of an SMS are defined in these. The pre-setting depends on the SIM card inserted.



Select profile.



Open menu.

Change sett.
Select.

Service centre Enter or change the service-centre phone numbers as supplied by service provider.

Recipient Enter the standard recipient for this transmission profile or select from Addressbook/Phonebook.

Message type **Manual**
The message type is requested for each message.

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

Select the period in which the service centre is to try to deliver the message:

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

*) Maximum period that the service provider permits.

Status report



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

Direct reply 

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

SMS via GPRS


Send SMS automatically by GPRS (if available).

Requirement: GPRS is activated (page 72). Ensure that your service provider offers this function.

Save aft. send

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

Activate profile



Select profile.

Activate

Press to activate profile.

MMS

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

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

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

Writing/sending MMS messages

An MMS consists of the address header and the content.

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

Texts can be written with the help of T9 (page 25).

Pictures and graphics that have been produced with accessories such as digital cameras can be attached in JPEG, WBMP or GIF format. See also **Own stuff**, page 92.

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

Navigation



Scroll line by line with the navigation key.

Menu →  → **New MMS**

 123 MMS editor

To:

Subject:

 → **Options**

Input fields:

To:  /  Phone number/e-mail address of recipient(s).

Subject: Enter MMS heading (up to 40 characters).

Picture: Press **Insert**. The picture list is opened for selection (see also **Own stuff**, page 92).

Text: Press **Edit**. Write text with the help of T9. Text menu, see page 51.

Sound: Press **Insert**.

Own stuff: You can now select a stored melody (see also page 92).

Record new: Record new tones, for sending by MMS only (see below).

Slide duration:

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

New recording

The phone records via its microphone.

Record Start recording. The current recording duration and available time remaining are displayed.

Stop End recording.

Play Replay recording.

Save Save. To give the recording its own name, the description **Clear**.

OK Save.

Attach extra pages

Options Open menu.

New slide Select.

Additional information

Options MMS main menupage 51

Attach business card

Options Open menu.

Extras Select.



Scroll to **Business card**.



Attach business card.

Attach appointment

Options Open menu.

Extras Select.



Scroll to **Appointment**.



Import appointment from calendar.

Check MMS

Check the MMS message before sending it:

Options Open menu.

Preview slide

View a single page.

Prev. message

Play back the whole MMS in the display. Press key to cancel.

Send MMS

Options Open menu.

Send Select.

Text options

Options Open menu.

Line feed	Start new line.
Save	Save MMS text.
Clear text	Delete the whole text.
Text modules	Insert text module (page 27).

(For standard functions see page 14)

MMS options

Different functions are available, depending on the context:

Insert line	Extend address field by one line.
Insert from...	Insert number from Addressbook/Phonebook and appointments.
Save	Store MMS in the draft list.
New slide	Insert new page behind current one.
Delete item	Delete element on a page.
Delete slide	Delete page currently displayed.
Preview slide	Playback of complete page.
Slide list	Display pages available for selection.
Prev. message	Playback of complete MMS. Use any key to cancel.

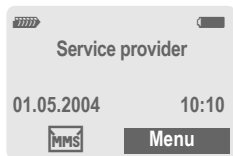
Attributes Date:, Size:, Priority: of the MMS must be shown.

Extras Enter other features of MMS and attach **Business card** and **Appointment**.

(For standard functions see page 14)

Receive MMS

 /  Indicates Receipt/notification of an MMS.



Press the left soft key to read the MMS or notification.

Depending on the setting, (page 54) the

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

Press any key to break off function.

Read MMS

Play

Automatic presentation of the MMS. Use any key to cancel.



Scroll page by page with the navigation key.



Call up individual pages directly by number key.

Attachments

An MMS can contain several attachments.

Options

Open menu.

Attachments

Select.



Select attachment.

Open

The attachment is opened with the available application.

Save

The attachment is saved under a name.

Pictures and sounds

You can save pictures and sounds individually, e.g. as a ring tone or background. Stop the MMS by pressing any key, or alternatively scroll through to the required page.

Options

Open menu.

Content

Select. Proceed as for attachments above.

Other functions for editing MMS can be found under **Options**.

Lists

All MMS messages are saved in four different lists:

Inbox

Menu →  → **Inbox** → **MMS**

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

Draft

Menu →  → **Draft** → **MMS**

The list of stored drafts is displayed.

Unsent

Menu →  → **Unsent** → **MMS**

The list of the MMS messages not yet completely transmitted is displayed.

Sent

Menu →  → **Sent** → **MMS**

The list of sent MMS messages is displayed.

List options

Different functions are available, depending on the list/context.

View	Show MMS Info.
Play	Read MMS.
Reply	Reply to MMS immediately.
Receive MMS	Start inward transmission of MMS when only notification is highlighted (page 54).
Receiv.all MMS	Start receipt of all new MMS messages.
Forward	Forward MMS to new recipients.
Mark a.unread	Mark MMS as unread.
Save no. to 	Copy phone number/e-mail address into Address-book/Phonebook.
Attributes	Information on MMS is displayed: • Sender • Arrival time • Subject • Size • Priority
Preview slide	Play back current page.
Slide list	Display pages available for selection.
Attachments	Open list of attachments received.

Content Selection of page contents to be archived, such as picture or sound.

Save Store MMS in outbox list.

(For standard functions see page 14)

	MMS new		MMS read and replied
	MMS read		MMS read with despatched confirmation
	MMS new forwarded		Notification unread
	MMS sent		Notification read

MMS profiles

Menu →  → **Message setup**
→ **MMS profiles**

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



Select profile.



Open menu.

Change sett.

Select.

Expiry time Select the period in which the service centre is to try to deliver the message:

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

***) Maximum period that the service provider permits.**

Default prio. Send priority: **Medium, High, Low**

Slide duratn Duration of display for an MMS page (standard requirement).

Retrieval Receive complete MMS or only notification of arrival.

Automatic
Receive complete MMS immediately.

Auto.homenet
Receive complete MMS immediately in home network.

Manual
Receive notification only.

MMS relaysrv. MMS relay URL, e.g.
<http://www.webpage.com>

IP settings **IP address:**
Enter IP-address.
Port: Enter port number.
These settings can be different from those of the WAP browser.

**Connec-
tion profile:** Select or set access profile (page 73).

Activate profile



Select profile.

Activate

Press to activate profile.

CB services

Menu →  → Message setup
→ CB services

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

Receive CB

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

Read new CB

All unread CB messages are displayed.

Topic list

You can add topics to this personal list from the topic index (**Topic index**). 10 Entries may be entered using the channel number (ID) and, if required, the name itself.

New topic Select.

- If no topic index (**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 with **Options**.

Channel: Select

Options Open list menu.

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

Auto display

CB messages are displayed in standby mode, longer messages are scrolled automatically. This display can be activated/deactivated for all or only new messages.

For "full page view":



press, then press **View CB**.

Topic index



Activate/deactivate transmission of topic index.

CB languages

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

Displays



Topic activated/deactivated.



New messages received on the topic.



Messages already read.

Ring tones

Menu →  → Select function.

You can set the tones to match your needs.

Ringer setting

On/Off Activate/deactivate all tones.

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

Additional information



Hold down in standby mode to switch ringtone on/off.



Display: Beep.



Display: ringer off.

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 ring tone (e.g. in noisy environments). This function is deactivated when the battery is being charged or when the phone is connected to the Car Kit.

The silent alert is activated if the highest volume is set for the ring tone. This is to remind you **not to hold the phone to your ear when ringing** in order to avoid damaging your hearing.

Volume

Set different volumes for types of call/functions.



Select:

Calls

Alarm

Alarm clock

Messages

Cell broadcast

Start melody

End melody

Applications

Press. The ringtone is played.

Set volume.

Confirm.



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 ring tones.

If two independent phone numbers are registered on your phone, you can set different volumes for them (page 77).

Set ring tones

Menu →  → Select function.

Here you can set the ring tone separately for the call types/functions. You can download new ringtones from the internet via **Download new**.

Call tone, Group call tones, Other call tone, Alarm tone, SMS/MMS tone

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

More tones...

Here you can set the ring tone separately for the following functions:



Select:

CBS tone, Start melody, End melody, Opening tone, Closing tone, Call screening, Key tones, Minute beep, Information tones



An already assigned ring tone is played back or the list of possible ring tones is displayed.



Select ringtone.



Confirm.

Opening tone

Set signal to acknowledge opening the clamshell.

Closing tone

Set signal to acknowledge closing the clamshell.

Call screening

Only calls from numbers that are in the Addressbook/Phonebook or in a predefined group are signalled. Other calls are only displayed. If you do not accept these calls, they are diverted to your mailbox (if set, page 69).



Screen display in standby mode:
call screening is activated.

Key tones

You can set the type of acoustic key tone:

Click or Tone or Silent

Minute beep

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

Information tones

Set service and alarm tones.

Max/Normal/Off

Set volume or deactivate tones.

Surf & fun

Internet browser (WAP)

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

Menu →  → Select function.

Homepage



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

Bookmarks

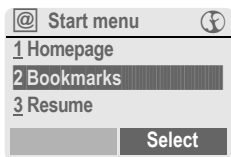
List of URLs for fast access.

Internet



The browser is activated as soon as you call up the function. (For settings see the browser menu, **Setup**, **Start with...**, page 60).

For example the start menu appears:



Select

Select required function.

Confirm.

Start menu

Homepage	The connection to the provider's portal is set up. This may be defined or pre-set by your service provider.
Bookmarks	List of URLs stored in the phone for fast access.
Resume	Call up recently visited pages that are still in the memory.
Inbox	Inbox for messages from the WAP server (WAP push).
Profiles	The list of profiles is displayed for activation/setting (page 60).
Exit browser	Close browser.

End connection



Hold **down** to close the browser. After GPRS/CSD lingertime (page 61) the connection will also be ended.

Your Internet browser is licensed by:



Browser menu

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



Press.

or



Confirm.

Homepage	The connection to the provider's portal is set up. This may be defined or pre-set by your service provider.
-----------------	---

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

Resume	Call up most recently visited page still in the memory.
---------------	---

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

Reload	Reload page.
---------------	--------------

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

Disconnect	End connection.
-------------------	-----------------

Save picture	Save picture(s) on the page shown.
---------------------	------------------------------------

More ...	See below.
-----------------	------------

Exit browser	Close browser and clear down connection.
---------------------	--

More ... (in menu)

Profiles The list of profiles is displayed for activation/setting (page 60).

Setup **Font size**
Protocol parameters

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

Security

- Connection prompt
- Secure prompt
- Current certificate
- CA certificates
- Private key PINs
- Encryption

Start with...

- Start menu
- Browser menu
- Homepage
- Resume
- Bookmarks

Reset Restart session and clear cache.

About Openwave Display browser version.

Additional information



Browser menu.



Offline.



Online.



GPRS Online.



No network.



Select special characters, such as @, ~, \, see page 24.



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

WAP profiles

Menu →  → **Internet** → **Profiles**

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

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

If necessary, check with your service provider for details.

Activate WAP profile

You can change the current profile each time you access the Internet.



Select profile.

Select

Activate. The current profile is selected.

Set WAP profile

Up to 5 WAP profiles can be configured (may be barred by your provider). The entries may vary depending on the service provider:



Select profile.

Edit

Open to make settings.

Profile name

Enter/change name.

WAP param.



IP address: Enter IP address.

Port: Enter port number.

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

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

Connection profile: Select or set access profile (page 73).

Save

Save settings.

Games & more

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

Additional information

To download applications, the WAP profile (page 60), HTTP profile (page 74) and access (page 73) must be configured.

Depending on your service provider, access and functionality may deviate from the description given here.

Sounds (ringer)/
silent alert on/offpage 56

Applications and games can be found at:

wap.siemens-mobile.com

or on the Internet at:

www.siemens-mobile.com/city

Games and applications

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

Menu →  → Games & more



Different functions are available depending on which entry is highlighted:

 **Download new**

Internet The selected Internet page is loaded.

★ **Use game/application offline**

Select Runnable application can be started immediately.

★ **Load game/application online**

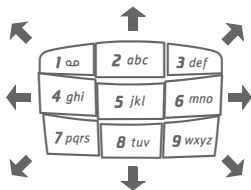
Select Only description file; application has still to be loaded.

Receive information

If information required, say, by an application that has already been installed, is received via **SMS**, the ★ symbol appears in the display. Pressing on the left soft key starts the relevant application and the information is processed.

Additional information

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



Games & More options

Edit and manage your applications and folders:

Start	Start application.
Download	An application is downloaded from the Internet and installed.
New folder	Create and name new folder.
Move	Move applications between folders.
HTTP profile	The list of profiles is displayed for activation/setting (page 73).
Reinstall	Reinstall an application (update).
More info	Download further instructions via Internet (WAP), if available.
Details	Show details of the application/folder (name, version, size, path, producer, date).
Sort	Set sort criteria (alphabetical, time).

(For standard functions see page 14)

Additional information

You can use WAP to download applications (e.g. ring tones, games, images, animations) from the Internet. Downloading or running applications will not affect or change the software already installed on your Java™-enabled mobile phone. Siemens excludes all warranty and liability claims in respect of or in connection with any applications subsequently installed by the customer and any software not included in the original delivery package. This also applies to functions enabled subsequently at the customer's instigation. The purchaser bears sole risk for the loss of, damage to, and any defects arising in, this device or the applications and for any direct damage or consequential damage of whatever nature resulting from the use of this application. For technical reasons, such applications and subsequent enabling of certain functions are lost in the event of the device being replaced/re-supplied and may be lost if it is repaired. In such cases, the buyer is required to download or release the application again. Please ensure that your phone has Digital Rights Management (DRM) so that individual applications downloaded via WAP are protected from unauthorised reproduction. These applications are then exclusively intended for your phone and cannot be transferred from this even to create a backup. Siemens does not warranty, guarantee or accept any liability for the customer's ability to download or enable applications again or to do so free of charge. Where technically possible, back up your applications to PC using the Siemens Data Exchange Software (page 94).

Setup

Profiles

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

- Five standard profiles are provided with default settings. They can be changed however:

Normal envi.

Quiet environ.

Noisy environ.

Carkit

Headset

- You can set two personal profiles (<Name>).
- The special profile **Aircraft mode** is permanent and cannot be changed.

Menu →  → **Profiles**

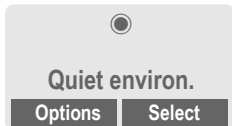
Switch on



Select default profile or personal profile.



Switch on profile.



Profile Setup

Edit a default profile or create a new personal profile:



Select profile.



Open menu.

Change sett.

Select.

The list of available functions is displayed:

Ringer setting	page 56
Volume	page 56
Dynamic light	page 67
Brightness	page 68
Silent alert	page 56
Call screening	page 57
Information tones	page 57
Key tones	page 57
Illumination	page 67
Big letters	page 67

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

Additional information

- Calling the list in standby mode:



Press briefly.



Profile list is displayed.

- The active profile is marked with .

Profile options

Options Open menu.

Change sett. Change profile settings.

Copy from Copy settings from another profile.

Rename Change individual profile (except default profiles).

Carkit

If a Siemens original Car Kit (page 102) is used, the profile is activated automatically as soon as the phone is inserted into the cradle (page 79).

Headset

If an original Siemens headset is (page 102) used, the profile is activated automatically as soon as the headset is in operation.

Aircraft mode

Sound and dynamic light for all alarms (appointments, alarm clock) are deactivated. Alarms are only indicated on the display. This profile **cannot be modified**. The phone will switch off if you select this profile.

Switch on



Scroll to **Aircraft mode**.



Switch on profile.

A security prompt must be confirmed.

The phone switches itself off automatically.

Normal mode

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

Display

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

Language

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

*#0000# 

Text input

See also page 25.

T9 preferred

Activate/deactivate intelligent text entry.

Input language

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

Background

Set background graphic for display.

Logo

Choose picture to be displayed instead of the provider logo.

Colour scheme

Select colour scheme for the entire user interface.

Activate colour scheme



Select colour scheme.



Activate.

Load colour scheme

Up to three colour schemes can be included in the selection list in places 2 to 4. See also **Own stuff** (page 92).



Open menu.



Select colour scheme.

Screensaver

The screensaver shows a picture in the 2nd display when a period set by you has elapsed. The function is ended by opening the clamshell. With code protection, the PIN must be entered when the clamshell is opened.

Enable	Activate/deactivate screensaver.
Style	Digital clock, Picture or Animation.
Preview	Display screensaver on the colour display.
Timeout	Set period after which the screensaver starts.
Code Protection	Phone-code protected termination of screensaver.

Additional information

You can also receive individual logos, screensavers and animations by SMS (page 42), MMS (page 49) or WAP (page 58). See also **My phone** (page 17).

Start up animation

Select animation to be shown when phone is switched on.

Shut down animation

Select animation to be shown when phone is switched off.

Own greeting

Enter greeting to be displayed after an animation when phone is switched on.



Switch on/off.



Delete old text and create new text.



Confirm changes.

Big letters

You can choose between two font sizes for the display.

Illumination

The illumination for the colour display and the 2nd display can each be set independently.

Colour display

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



Press the navigation key repeatedly to adjust up or down.

2nd display

Switch the display light on or off.

Contrast

Set colour display contrast.



Press the navigation key repeatedly to adjust up or down.

Dynamic light

Menu →  → **Dynamic light**
→ Select function.

The dynamic light consists of 7 LEDs at the edge of the keyboard (page 6).

It is used to indicate visually different events and functions, as well as the current phone status (e.g. network searching, battery low, etc.).

You can determine the visual signal (LEDs) on the phone for certain functions and events. The LEDs then flash in different rhythms depending on the current function.

You can also create your own flash rhythms.

Show light effects

This enables you to switch the visual signal on and off centrally for all functions and events.

Play demo

All flash rhythms are displayed in sequence. End with **Cancel**. Show next flash rhythm with **Next**.

Brightness

This enables you to set the brightness for the visual signal.



Press the navigation key repeatedly to adjust up or down.



Confirm.

Calls, Group calls, Other calls

You can assign different flash rhythms to the relevant types of call and to each group.

During call

Select a flash rhythm to flash during the call.

Alarms

Select a flash rhythm to signal an alarm or appointment.

More light...

Set the flash rhythm for other functions or events:

Incoming messages

Missed event

During sending

Opening clamshell

Closing clamshell

Netsearch

Screensaver

Low battery

Switch on

Switch off

Charging

Special case Low battery:

Only one flash rhythm can be switched on or off for that event. When it is switched on, low battery is indicated by the top two LEDs flashing slowly. When battery is low, also for other events no other flash rhythm can flash.

Call setup

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

Hide ID



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

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

Call waiting



If you are registered for this service, you can check whether it is set and you can activate/deactivate it (see also page 22).

Divert

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

Set up call divert (example):

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

All Unanswered



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



Press.

Set



Select.

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

Or



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

OK

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 (page 69), you will hear the call waiting tone during a call.

Status check

You can check the current divert status for all conditions.

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



Condition set.

Not set.



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

Clear all

All set diverts are cleared.



Additional information

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

Check condition or delete it

First select the condition.

Select Press.

Check status

Select.

Or

Delete Select.

Reactivate divert

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

Edit phone number

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

Delete Press. The phone number is deleted.

Enter new number and confirm.

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

Clamshell

Set to allow calls to be answered by opening clamshell.



Select **Auto answer**.



Switch on or off.

Minute beep

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

Clock

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

Time/date

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

Change Press.



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

Additional information

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

Setting date format:

DD: Day (2-digit)

MM: Month (2-digit)

YYYY: Year (4-digit)

Time zones

Set the time zone for your area.



Select the required time zone from list ...

Set

... and set.

Options

Open menu.

Set	Set the timezone.
Rename	Assign a new name to time zone.
DST	Activate/deactivate daylight saving. When daylight saving is activated a sun icon appears on the display.
Auto time-zone 	The time zone is switched automatically to local time by the network.
View	Display the selected time zone with name and date.

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

Date format

DD.MM.YYYY or MM/DD/YYYY

Time format

Select 24h or 12h.

Show clock

Activate/deactivate time display in standby mode.

Buddhist year

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

Automatic switch off

The phone switches off each day at the set time.

Activate:

Time Press.
 Enter time (24-hour-clock).
OK Confirm.

Deactivate:

Manual Press.
OK Confirm.

Connectivity

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

GPRS



(General Packet Radio Service)

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

Yes / **No** Switch GPRS function on/off.

Shown in display:



Activated and available.



Registered.



Connection briefly lost.



Download.

GPRS info

Display of information on connection status.

Authentication



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

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

Data services

For the **MMS**, **WAP** and **HTTP** applications at least one connection profile must be set up and activated.

The default for the phone depends on each service provider:

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

If necessary, check with your service provider for details. Current settings for each service provider may be found in the Internet under **www.siemens-mobile.com/customer care** in the FAQ section.



Select profile.



Open menu.

Change sett.

Press, then:

For CSD (Circuit Switched Data)

CSD settings

Select.

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



Press.

Dial-up number

Enter ISP number.

Call type:

Select ISDN/analogue.

Login name:

Enter login name.

Password:

Enter password (shown as a series of asterisks).

DNS1 / DNS 2:

(optional).

Save

Save settings.

For GPRS

(General Packet Radio Service)

GPRS settings

Select.

You can activate GPRS for the profile and change the settings here. You can only start to use GPRS once you have activated GPRS on your phone (page 72).



Press.

APN:	Enter service provider address.
Login name:	Enter login name.
Password:	Enter password (shown as a series of asterisks).
DNS1 / DNS 2:	(optional).

Save Save settings.

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

HTTP profile



Select profile.

Fax/data

Fax/data mode using a PC

With the phone and a connected PC, you can transmit and receive faxes and data. Appropriate software for fax and data communication must be available on your PC and there must be a connection to the phone.

Fax and data services must be enabled by the service provider. There are variations in fax and data reception, depending on the network. Please ask your service provider about this.



Set the required mode.

Send voice/fax



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

While the connection is being set up, the following function is available for two seconds:

Voice/fx Switch to **Send voice/fax** mode; you may now send a fax.

Rec voice/fax

(**Only** if no special fax or data number is available).

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

End transmission

End transmission with PC software and/or press .

Rec fax/data



Your service provider has given you a number for telephoning and a fax/data number.

The call is signalled by a special ring-tone and the type of call (fax or data) is displayed.

Now start the communication program in your PC to receive the fax/data.

Security

Menu →  → **Security**
→ Select function

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

Direct call

(Phone-code protected)

Only **one** phone number can be dialled. To do this hold **down** the right soft key (page 23).

Only



(PIN2 protected)

Dialling options are restricted to SIM-protected 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.

Last 10 only



(Phone-code protected)

Only phone numbers from the call list of "dialled numbers" (page 38) can be dialled. This list can be filled with phone numbers specifically for this purpose.

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

Codes

PIN control, Change PIN, Change PIN2, Change phonecode, (page 15).

This SIM only



(Phone-code protected)

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

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

Barrings



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

All outgoing

All outgoing calls except emergency numbers are barred.

Outgo internat

(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 of all calls to mail-box 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 needed for this function.

Menu →  → **Security**
→ Select function

Phone identity

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

Alternative input in standby mode:
***#06#**

Software version

Display the software version for your phone in standby mode:

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

File system

Format

The file system memory (p. 92) is formatted and **all** data that has been saved is deleted, including e.g. ringtones, images, games etc.

Clean up

The file system is defragmented.

Master reset

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

Alternative input in standby mode:
***#9999#** 

Network

Menu →  → **Network**
→ Select function

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.

Protect selection

(Phone-code protected)

You may limit usage to one phone number.

Additional information

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



Press.



Press.

Network info

The list of GSM networks currently available is displayed.



Indicates forbidden service providers (depending on SIM card).

Auto network selection

Activate/deactivate, see **Choose network** below. If "Automatic network" is activated, the next network on the list is dialled in ranking order of your "preferred networks". Alternatively select a different network manually from the list of the available GSM networks.

Choose network

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

Preferred network

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

Your service provider is displayed:



Display list of preferred networks.

Create new entry:

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

Change/delete entry:

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

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.

Fast search

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

Menu →  → **Network**
→ Select function.

User group



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

Active

Activate/deactivate function. "User group" must be deactivated for normal phone use (phone code, page 15).

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.

Outgo. access

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.

Preferred group

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

Accessories

Menu →  → **Accessories**
→ Select function.

Carkit

Only in combination with an original Siemens handsfree Car Kit (page 102). The profile is activated automatically as soon as the phone is inserted into the cradle.

Auto answer

(Factory default: off)

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



Shown on the display.

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 cradle.

Headset

Only in conjunction with an original Siemens headset (page 102). The profile is automatically activated when headset is plugged in.

Auto answer

(Factory default: off)

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

Automatic setting

Accept call with Call key or PTT key (Push To Talk), even when the 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.

Closing the clamshell

In conjunction with a Car Kit or a headset dialling or incoming calls will **not** be cancelled by closing the clamshell.

Extras

Note

Depending on your service provider, the menu **Extras** may also include **Internet** and **Games & more**. See the **Surf & fun** (page 58) column for further functions.

Organiser

Calendar

Menu →  → **Organiser** → **Calendar**

You can enter appointments in the calendar. Time and date must be set for the calendar to work correctly (page 71).

Monthly overview

Tu		Oct 2004						
				1	2	3		
4	5	6	7	8	9	10		
11	12	13	14	15	16	17		
18	19	20	21	22	23	24		
25	26	27	28	29	30	31		
Info		Agenda						



Page between days.

Press briefly to page between weeks, **hold** down to page between months.

Calendar days in bold face indicate appointments on this day.

Agenda

Agenda

Call up from the monthly overview.

Tue 05.10.04	
<New entry>	
 20:00 Cinema	
 13:00 Garage	
View	Options

Appointments for each individual day are shown in the agenda in chronological order.

Options See page 82.

Appointments

Menu →  → **Organiser**
→ **Appointments**

All appointment entries are displayed in chronological order. If an alarm is missed it appears in the list of missed appointments (page 83).

Enter new appointment



Press.

Type:

Change

Press repeatedly to select the required type:

**Memo**

Text input for description.

**Call**

Enter phone number.
Shown with alarm.

**Meeting**

Text input for description.

**Birthday**

or

**Anniversary**

Enter name and date.



Then make further entries
field by field.

Description:

Description of what the appointment involves.

Date:

Date of appointment.

Time:

Time of appointment.

Alarm:

Activate alarm.



Enter start time of
the alarm **before** the
appointment.

Select from:



Minutes, Hours, Days.

Reoccurrence:

Select a timeframe for
repeating the appoint-
ment:



No, Daily, Weekly, Monthly,
Annual.

Enter a parameter for re-
peating:



Forever, Until, Occurrences
(number)

If **Weekly** is selected, cer-
tain weekdays can be
highlighted.



Save the appointment.
The alarm is automatically
activated.

Alarm

When the set date and time are
reached there is an audible and a
visual alarm. If an alarm is missed
it appears in the list of missed
appointments (page 83).

Alarm type **Memo/Meeting**: the text is
shown in the display.

Alarm type **Call**: The phone number
is displayed and can be dialled im-
mediately.

Alarm type **Birthday** and **Anniversary**:
you will be notified one day before
the event and on the birthday/ anni-
versary itself.



The alarm stops for
5 minutes.



The alarm is stopped.

Additional information

Alarms set are shown in the display as follows:

 Alarm clock.

 Appointments.

An alarm sounds even when the phone is switched off (the phone does not switch to standby mode). To deactivate it press any key.

Set alarm tone page 56

Clock page 71

Agenda/appointments options

Options Open menu.

Different functions are provided, depending on the calendar item selected or the current organiser function:

Activate/Deactivate	Switch alarm on/off.
----------------------------	----------------------

Filter	Select feature: Memo, Call, Meeting, Birthday, All. All entries with the selected feature are displayed.
---------------	---

Delete until	Delete all entries prior to a certain date.
---------------------	---

(For standard functions see page 14)

Additional information

For additional calendar settings, see below under **Calendar setup** (page 84).



Appointment with alarm activated.



Appointment with alarm deactivated.



Appointment with repeated alarm activated.



Appointment with repeated alarm deactivated.

Notes

Menu →  → **Organiser** → **Notes**

Use your phone as a notepad.

 **Notes**

Shopping list
 Flight number

New entry



Press.



Enter text, up to 150 characters.

Options Open menu.

Save Store entry.

Text entry options

Options Open menu.

Line feed Enter line break.

Clear text Delete note.

(For standard functions see page 14)

View entry



Select entry.

View Open note.

Notes list options

Options Open menu.

Confidential Protect note with phone code (see also "Additional information").

(For standard functions see page 14)

Additional information

Protect confidential data using a phone code (page 75). Please note that it is possible for confidential notes to be read from the phone when connected to a PC.

We recommend that you do not store any passwords (PIN, TAN etc.) as notes.

Missed appointments

Menu → → **Organiser**
→ **Missed alarms**

Events with an alarm to which you have not reacted are listed for reading.

Missed alarms				
	03.10	21:15		
	05.10	12:30		
	05.10	18:00		
View		Options		

In addition, when the clamshell is closed missed appointments are shown on the 2nd display.

Missed alarms Options

Options Open menu.

(For standard functions see page 14)

Time zones

Set the time zone for your area.



Select the required time zone from list ...

Set

... and set it.

Options

Open menu.

Set	Set the timezone.
Rename	Assign a new name to time zone.
DST	Activate/deactivate daylight saving. If summertime is activated, a sun is shown on the display.
Auto time-zone	The time zone is switched automatically to local time by the network.
View	Display the selected time zone with name and date.

Calendar setup

Menu → → **Organiser**
→ **Calendar setup**

Begin of week

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

Calculator

Menu → → **Calculator**



Enter number (up to 8 digits).



Select calculator function.



Repeat procedure with other numbers.



Result is displayed.

Calculator functions



Press right soft key repeatedly.



Toggle between "+" and "-".



Convert to percentage.



Save the number displayed.



Retrieve the number saved.



Exponent (max. two digits).

Special keys:



Set decimal point.



Add (press **down**).

Currency converter

Menu →  → **Currency converter**

Calculate the exchange rates. You can enter three currencies.

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

Otherwise:

Options Open menu.

New entry Select and enter symbols for the currencies.

OK Confirm.



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

Convert

Any combination of calculations can then be carried out between the currencies entered.



Select a currency combination.

Select Confirm and enter amount (up to 12 digits).
Result is displayed.



Repeat Another conversion using different data.

Calculator functions



Press right soft key repeatedly.



Retrieve a saved number from the calculator.

Stopwatch

Menu →  → **Stopwatch**

Two intermediate times can be recorded and saved.



Start/stop.



Intermediate time.

Start

Start stopwatch.

Reset

Reset.

Stopwatch Options

Options Open menu.

Save

Save recorded time(s) and assign a name.

Reset

Reset stopwatch.

Stopwatch list

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

Rename Rename stored entry.

Delete Delete entry.

Delete all Delete list.

Countdown

Menu →  → Countdown

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

- Set** Set period of time.
- Start** Start counter.
- Stop** Interrupt counter.
- Change** Change period of time.
- Reset** Reset counter to starting time.

Voice command

Menu →  → Voice command

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

Record

Menu →  → Voice command

A list with the functions available is displayed.



Select a function.

Record Press.

Yes Confirm selected function.

Start Start recording.

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

Apply



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

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

Additional information

Noisy environments may affect voice recognition.

Voice command options

Options Open menu.

Playing Play back the recording belonging to the entry.

New sample Start new recording for an entry.

(For standard functions see page 14)

Camera (Accessories)

You can use the phone to immediately view, save and send photos by MMS that you have taken with the "QuickPic" camera (page 103). A flashlight is integrated into the camera.

Pictures can be taken in two different formats:

- Low resolution:
QQVGA 160x120 pixels, memory size up to 6KB for sending as an MMS image (page 88, page 49).
- High resolution:
VGA 640x480 pixels, memory size of one picture up to 40 KB – e. g. for further editing on PC.
To allow the picture to be viewed on the phone display, a QQVGA picture is created for every VGA picture.

Camera Press (in standby mode).

Or

Menu →  → **Camera**

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

OK Confirm.

The last picture taken is shown.



Scroll through photos.

Picture

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

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

Flashlight

Switch on flashlight first:

Options Open menu.

Use flash Select.

Then take photo with flashlight:

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

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

Additional notes

Photograph without flash when the function **Use flash** is switched on:

Load  **Hold down:** The charging process for the flashlight is omitted and a shot is taken immediately without flashlight.

Sending a photo by MMS

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

Options Open menu.

Send via MMS

Select.

Select Press and select the desired resolution.

Skip Press to skip recording a melody (page 50).

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

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

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

The MMS is now ready to send:

Options Open menu.

Send Select.

Camera menu

Options Open menu.

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

Full screen Switch to full screen mode.

Delete Delete current picture after confirmation.

Delete all Delete all pictures after confirmation.

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

Info Display number of shots still available.

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

Additional notes

 Toggle between reduced/full screen.

 Switch on display illumination with or any number key.

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

Delete Delete photo currently shown.

SIM services (optional)

Menu →  → SIM services

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

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



Symbol for SIM services.

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

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

Fast access key

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

Additional information

The left soft key may be preconfigured by the service provider (e.g. access to 'SIM Services' or direct access to the Internet portal). It may not be possible to modify this key assignment.

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

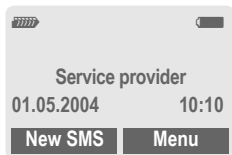
Key assignments available (for example):

Internet (WAP)	page 58
Phone number	page 32
Alarm clock	page 40
New SMS	page 42
Illumination	page 67
Hide ID	page 69
Calls missed	page 38
Calls received	page 38
Own stuff	page 92

Left soft key

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

Change



New SMS Press **briefly**.

Change Scroll to application in the list.

- Assign a new application (e.g., **Internet**) to the soft key.
- Special case **Phone number**. Pick out a name from the Address-book/Phonebook (e.g., "Carol") to assign to the soft key.

Select Confirm setting.

Apply

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

Carol **Hold** down.

Speed dialling keys

Number keys 2 to 9 can be used as speed dialling numbers for fast access. For available key assignments see page 90. Number key 1 is reserved for the mailbox number (page 41).

Change

In standby mode:



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

Set

Press.

Or

New SMS

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

Change

Scroll to application in the list.

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

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

Select

Confirm setting.

Apply

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

In standby mode:



Press **briefly**.

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

New SMS Press **down**.

Or simply



Hold **down**.

Menu speed dialling

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

Example:

Menu

Press.



for **Records**



for **Calls missed**

Own stuff

The following folders are provided or organising your files: Pictures, Sounds, Colour scheme, Data inbox.

Menu → 

Files and folders are displayed.

You can scroll through these lists using the navigation key:



scroll up and down.



jump back from a folder.



Open folder or execute file using related application

Index structure

The file system assigns special folders to different data types.

Folders	Contents	Format
Pictures	Images, Animations, Camera photos (page 87)	*.bmp *.bmx *.bmz *.gif *.jpg *.jpeg *.png
Sounds	Ring tones, melodies, sounds	*.amr *.mid *.wav
Colour scheme	Colour schemes	*.col
Data inbox	Business cards, appointments	*.vcf *.vcs

The following folders are also included in **Sounds** or **Pictures**:

Download new	This enables you to download new files from the Internet.
Record new	This enables you to record your own ringtones (in Sounds folder only).
EMS	Files that can be received per SMS/MMS.

Own stuff menu

Options Open menu.

Open Open folder.

Delete Delete current entry.

Delete all Delete all entries.

Rename Rename highlighted entry.

Send via... Send highlighted entry.

Attributes Display information on file or folder selected.

Capacity Display the capacity used and available.

Send via...

The phone provides you with several methods for sending texts and data via different transmission routes. Access to these functions is available in the option menu of the relevant application. These menu items can vary depending on the application.

Send via... → Via SMS

Phonebook and Addressbook entries as well as appointments can be sent as an SMS to other suitable mobile phones.

With larger items, several SMS messages may be generated and sent as a concatenated message.

Send via... → SMS as text

Business cards, Addressbook entries or appointments can be sent as text messages by SMS (this may result in several being generated).

Send via... → Via MMS

The MMS address field is opened.

PC Software (Data Exchange Software / GPRS Modem Assistant)

By using Data Exchange Software and GPRS Modem Assistant from Siemens, you extend functionality of your mobile phone together with a Windows® PC. To benefit from these PC-Tools, your mobile and PC are connected to each other by a data cable (Accessories, page 103). To ensure perfect data transmission it is necessary to close all running applications on phone side, and make certain that no call disturbs data exchange.

Data Exchange Software and GPRS Modem Assistant can be downloaded from Internet:

www.siemens-mobile.com/cf62

Data Exchange Software (DES)

The Data Exchange Software collaborates with Windows® Explorer like an extra drive and mirrors contents of phone's file system (page 92). You can access phone data from PC applications and synchronise files from your PC by simple drag & drop.

GPRS Modem Assistant

If you want to use your mobile phone as GPRS modem, start the GPRS Modem Assistant application at your PC and get connected to Internet easily. All configurations for your provider are pre-configured, so you have just to choose from a list to get connected – wherever you are.

Questions & Answers

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

Problem	Possible causes	Possible solution
Phone cannot be switched on.	On/Off key not pressed long enough.	Press On/Off key for at least two seconds.
	Flat battery.	Charge battery. Check charging indicator in the display.
	Battery contacts dirty.	Clean contacts.
	See also below under "Charging error".	
Too little standby time.	Frequent use of organiser and games.	Restrict use if necessary.
	Fast search activated.	Deactivate fast search (page 78).
	Display illumination on.	Switch off display illumination (page 67).
	Unintentional keystrokes (illumination!).	Close clamshell (page 7).
Charging error (charge icon not displayed).	Battery totally discharged.	1) Plug in charger cable, battery is on charge. 2) Charge icon appears after approx. 2 hours. 3) Charge battery.
	Temperature out of range: +5 °C to +40 °C.	Make sure the ambient temperature is right, wait for a while, then recharge.
	Contact problem.	Check power supply and connection to the phone. Check battery contacts and phone 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.
SIM error.	SIM card not inserted correctly.	Check that the SIM card is inserted correctly (page 9).
	Dirty SIM card contacts.	Clean SIM card with a dry cloth.
	SIM card with wrong voltage.	Use 3V SIM cards only.
	SIM card damaged (e.g. broken).	Carry out a visual check. Change SIM card at service provider.

Problem	Possible causes	Possible solution
No network connection.	Weak signal. Outside GSM range. Invalid SIM card. New network not authorised. Network call barring is set. Network overloaded.	Move higher, to a window or an open space. Check service provider's coverage area. Complain to the service provider. Try manual selection or select a different network (page 77). Check network barrings (page 75). Try again later.
Phone loses network.	Signal too weak.	Reconnection to another service provider is automatic (page 77). Switching phone off and on again can speed this up.
Calls not possible.	Second line set. New SIM card inserted. Charge limit reached. Credit used up.	Set first line  (page 77). Check for new barrings. Reset limit with PIN 2 (page 39). Load credit.
Certain uses of phone not possible.	Call restrictions are in place.	Barrings can be set by service provider. Check barrings (page 75).
Impossible to make entries in Phonebook.	Phonebook is full.	Delete entries in Phonebook or transfer to Address-book (page 29).
Voice message not functioning.	Call divert to mailbox not set.	Set call divert to mailbox (page 69).
SMS (text message)  flashing.	SMS memory is full.	To free up capacity, delete (page 47) or file (page 47) messages (SMS).
Function cannot be set.	Not supported by service provider or registration required.	Contact your service provider.
Capacity problems with, for example, Games & More, ringtones, pictures, SMS archive.	Phone memory full.	Delete files in the relevant areas.
No WAP access, downloading not possible.	Profile not activated, profile settings wrong/incomplete.	Activate (page 61), set (page 61) WAP profile or set HTTP profile (page 74). If necessary ask your service provider.

Problem	Possible causes	Possible solution
Text message cannot be sent.	Service provider does not support this service.	Contact your service provider.
	Phone number for service centre not set or incorrect.	Set service centre (page 48).
	SIM card contract does not support this service.	Contact your service provider.
	Service centre too busy.	Repeat message.
	Recipient does not have a compatible phone.	Check.
EMS pictures & sounds are not displayed on the destination phone	Destination phone does not support the EMS standard.	
No Internet access possible.	Incorrect WAP profile set, or wrong or incomplete settings.	Check settings or contact your service provider.
PIN error/ PIN2 error.	Three wrong entries.	Enter the PUK (MASTER PIN) supplied with the SIM card according to the instructions. If the PUK (MASTER PIN) has been lost, please contact your service provider.
Phone code error.	Three wrong entries.	Contact Siemens Service (page 98).
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 (page 74).
	No authorisation for this service.	Contact your service provider.
Charge meter does not work.	Charge pulse is not transmitted.	Contact your service provider.

Damage

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

Reset all settings to factory default (page 76): * # 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/customer-care

We can be reached any time, any place. You are given 24 hour support on all aspects of our products. Here you will find an interactive fault-finding system, a compilation of the most frequently asked questions and answers, plus user guides and current software updates to download.

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

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

United Kingdom.....0906 9597500
(0.75 £ per minute)

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

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

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

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

Abu Dhabi	0 26 42 38 00
Argentina	0 80 08 88 98 78
Australia	13 00 66 53 66
Austria	05 17 07 50 04
Bahrain	40 42 34
Bangladesh	0 17 52 74 47
Belgium	0 78 15 22 21
Bolivia	0 21 21 41 14
Bosnia Herzegovina	0 33 27 66 49
Brazil	0 80 07 07 12 48
Brunei	02 43 08 01
Bulgaria	02 73 94 88
Cambodia	12 80 05 00
Canada	1 88 87 77 02 11
China	0 21 38 98 47 77
Croatia	0 16 10 53 81
Czech Republic	2 33 03 27 27
Denmark	35 25 86 00
Dubai	0 43 96 64 33
Egypt	0 23 33 41 11
Estonia	06 30 47 97
Finland	09 22 94 37 00
France	01 56 38 42 00
Germany	0 18 05 33 32 26
Greece	0 80 11 11 11 16
Hong Kong	28 61 11 18
Hungary	06 14 71 24 44
Iceland	5 11 30 00
India	22 24 98 70 00 Extn: 70 40
Indonesia	0 21 46 82 60 81
Ireland	18 50 77 72 77
Italy	02 24 36 44 00
Ivory Coast	05 02 02 59
Jordan	0 64 39 86 42
Kenya	2 72 37 17
Kuwait	2 45 41 78
Latvia	7 50 11 18
Lebanon	01 44 30 43
Libya	02 13 50 28 82
Lithuania	8 52 74 20 10
Luxembourg	43 84 33 99
Macedonia	02 13 14 84
Malaysia	+ 6 03 77 12 43 04
Malta	+ 35 32 14 94 06 32
Mauritius	2 11 62 13

Mexico	01 80 07 11 00 03
Morocco	22 66 92 09
Netherlands	0 90 03 33 31 00
New Zealand	08 00 27 43 63
Nigeria	0 14 50 05 00
Norway	22 70 84 00
Oman	79 10 12
Pakistan	02 15 66 22 00
Paraguay	8 00 10 20 04
Philippines	0 27 57 11 18
Poland	08 01 30 00 30
Portugal	8 08 20 15 21
Qatar	04 32 20 10
Romania	02 12 04 60 00
Russia	8 80 02 00 10 10
Saudi Arabia	0 22 26 00 43
Serbia	01 13 80 95 50
Singapore	62 27 11 18
Slovak Republic	02 59 68 22 66
Slovenia	0 14 74 63 36
South Africa	08 60 10 11 57
Spain	9 02 11 50 61
Sweden	0 87 50 99 11
Switzerland	08 48 21 20 00
Taiwan	02 23 96 10 06
Thailand	0 27 22 11 18
Tunisia	71 86 19 02
Turkey	0 21 65 79 71 00
Ukraine	8 80 05 01 00 00
United Arab Emirates	0 43 66 03 86
United Kingdom	0 87 05 33 44 11
USA	1 88 87 77 02 11
Vietnam	84 89 30 01 21
Zimbabwe	04 36 94 24

Care and maintenance

Your phone has been designed and manufactured to the highest of standards and should be treated with the greatest of care. The suggestions below will help you to enjoy your phone for many years.

- Protect your phone from moisture and humidity! Precipitation, humidity and liquids contain minerals that will corrode electronic circuits. Nevertheless, should your phone become wet, disconnect it immediately from the power supply and remove the battery!
- Do not use or store the phone in dusty, dirty areas. Its moving parts may become damaged.
- Do not store your phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries and warp or melt certain plastics.
- Do not store your phone in cold areas. When the phone warms up again (to its normal ambient temperature), moisture can form inside the phone, which may damage electronic circuit boards.
- Do not drop, knock or shake your phone. Rough handling can damage internal circuit boards!
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone!

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

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 go to:
www.siemens-mobile.com/conformity

CE 0682

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:	85 g
Size:	81.5x45.2x21.9 mm (78 ccm)
Li-ion battery:	600 mAh
Operating temperature:	–10 °C... +55 °C
SIM card:	3.0 V or 1.8 V

Phone ID

You will need the following details 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 time

The operating time depends upon usage: Extreme temperatures considerably reduce the phone's standby time. You should therefore avoid the leaving the phone in the sun or on a radiator.

Talk time: 90 to 300 minutes.
 Standby time: 50 to 220 hours.

Action taken	Time (min)	Reduces stand-by time by
Calling	1	30–90 minutes
Light *	1	60 minutes
Network search	1	5–10 minutes
* Keypad input, dynamic light games, organiser, etc.		

Accessories

Fashion & Carry

Carrying Cases

A range of carry cases is available from specialist shops or our online shop:

	Original Siemens Accessories www.siemens.com/mobilestore
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Energy

Li-Ion Battery 600 mAh EBA-670

Spare battery for additional standby and talktime.

Travel Charger

Travel Charger ETC-500 (EU)

Travel Charger ETC-510 (UK)

Travel Charger with an extended input voltage range of 100–240V for international use.

Car Charger Plus ECC-600

Charger, which connects via the car cigarette lighter socket, with additional headset connector.

Handsfree Portable

Headset PTT HHS-510

Headset for handsfree talking in full-duplex digital voice quality. With PTT button for answering and ending calls.

Headset PTT Purestyle HHS-610

Headset with a high-value design for handsfree talking in full-duplex digital voice quality. Optimised wearing comfort due to earclip and the practical clip for attaching the headset easily to clothing. With PTT button for answering and ending calls.

Automatic call acceptance support (via the mobile phone)

Car Solutions

Car Kit Portable HKP-500

Plug & play handsfree kit with integrated loudspeaker. Handsfree talking with high voice quality by simply connecting it to the cigarette lighter socket. Ideal for easy transfer between vehicles.

Car Kit Easy HKP-610

High-quality plug & play Car Kit with integrated rotatable and exchangeable mobile holder, loudspeaker and microphone. Handsfree talking with high voice quality by simply connecting it to the cigarette lighter socket. Ideal for easy transfer between vehicles.

Upgrade Kit HKO-640

Upgrade Kit for exchanging the Mobile Holder of the handsfree Car Kit Easy to fit a new mobile phone.

Multitainment

QuickPic Camera IQP-500

Plugged into the mobile phone, the QuickPic Camera with integrated flash can be used to take snapshots in any situation. Pictures can be viewed on the mobile's display, sent using MMS, and stored. For mobile-to-mobile MMS correspondence and optimal viewing quality on a PC there are two resolutions to choose from.

Office

Data Cable DCA-500

With the Data Cable DCA-500 the mobile phone can be easily linked to a serial (RS232) interface.

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



Original Siemens Accessories

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

Quality

Battery quality statement

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

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

Display quality statement

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

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

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 Customer's 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 Guarantee 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 Guar-

antee. 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 ELECTROMAGNETIC FIELDS

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 pho-

nes 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

0.75 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.mmfa.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 10g 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 guidelines 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 0.75 W/kg***.

SAR information can also be found at **www.siemens-mobile.com**

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.

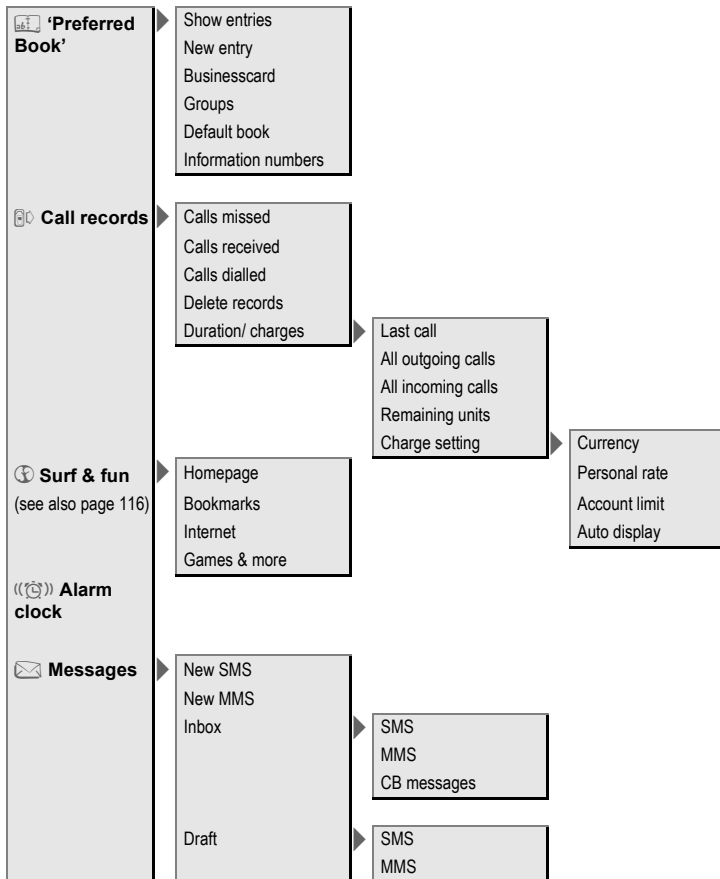
Further information:

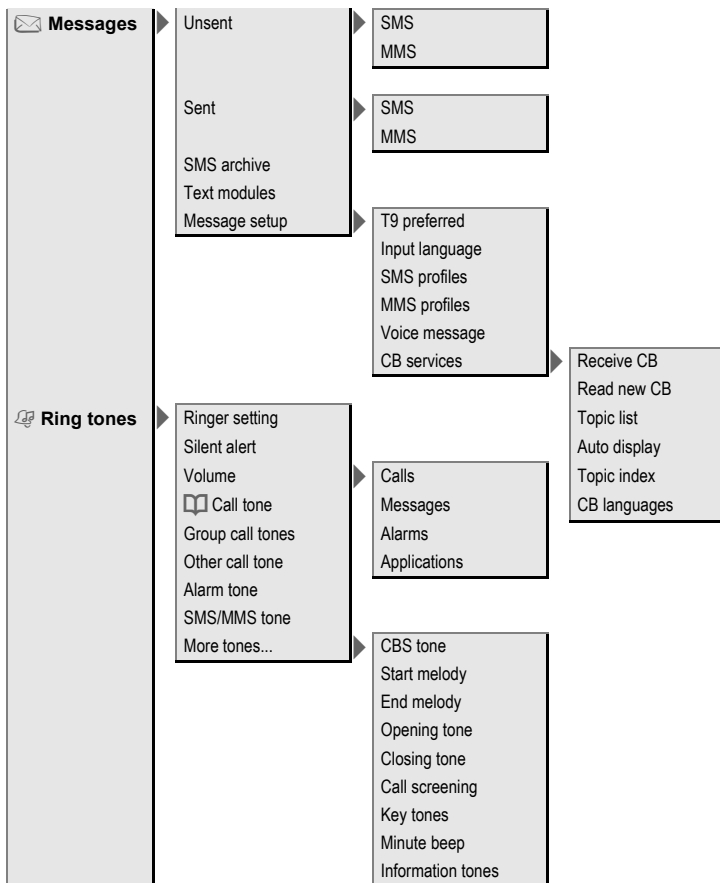
www.who.int/peh-emf, www.mmfai.org, www.siemens-mobile.com

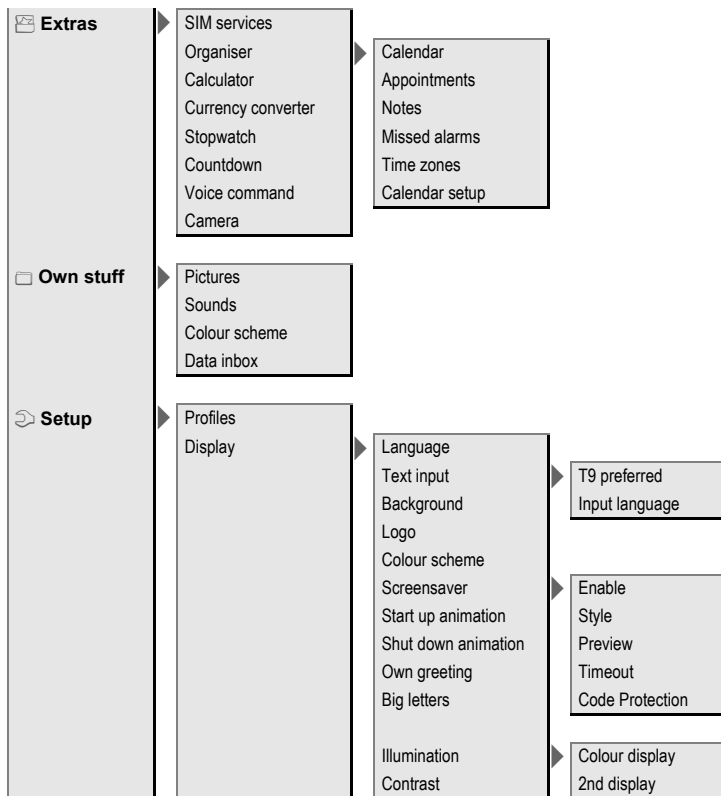
** averaged over 10g of tissue.

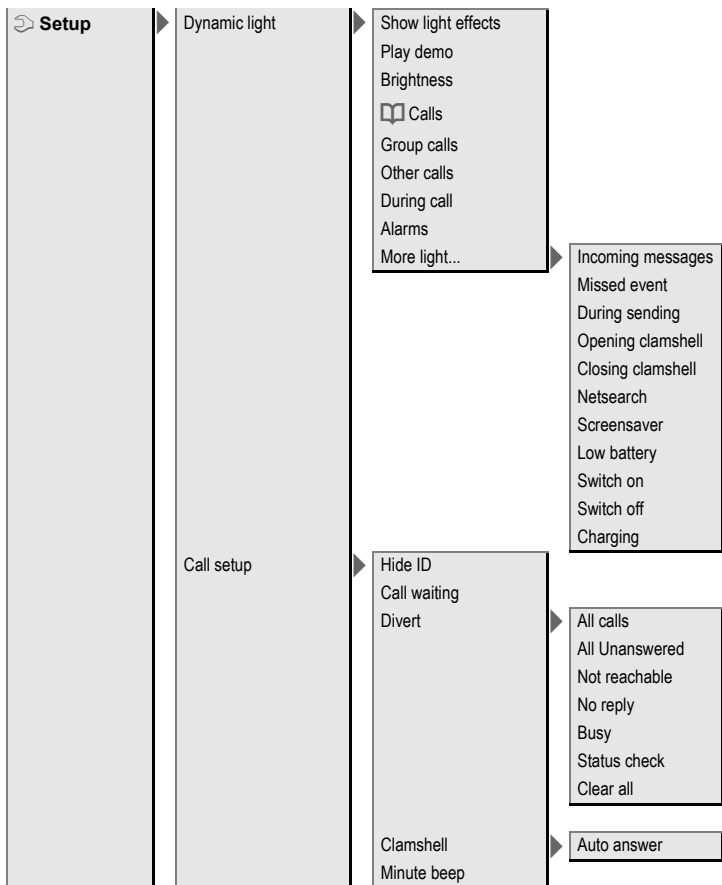
*** SAR values may vary depending on national requirements and frequency bands. Information for different regions can be found at **www.siemens-mobile.com**

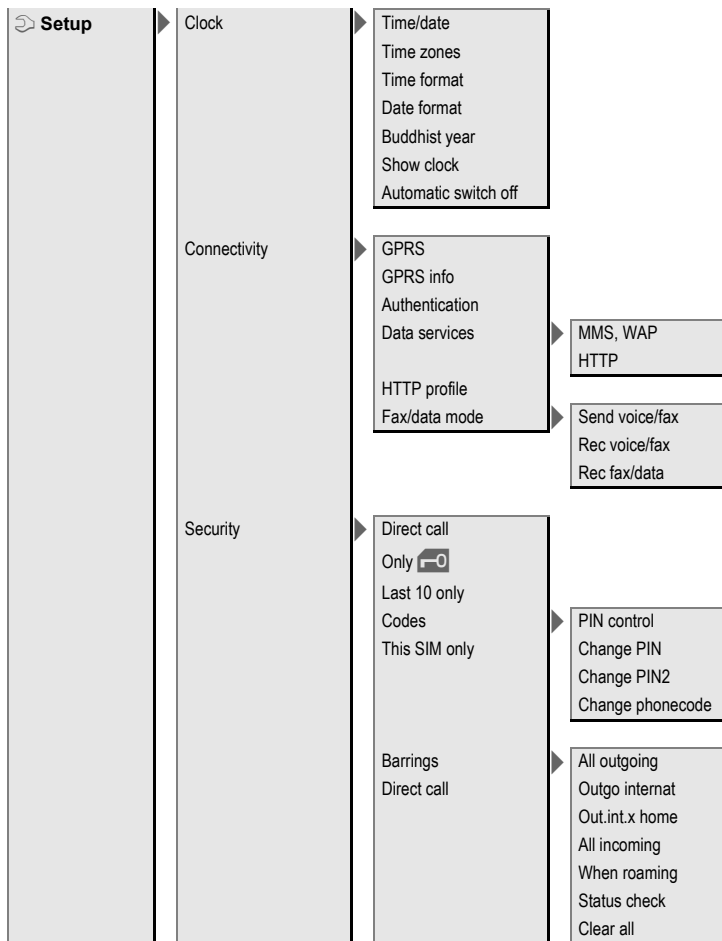
Menu tree

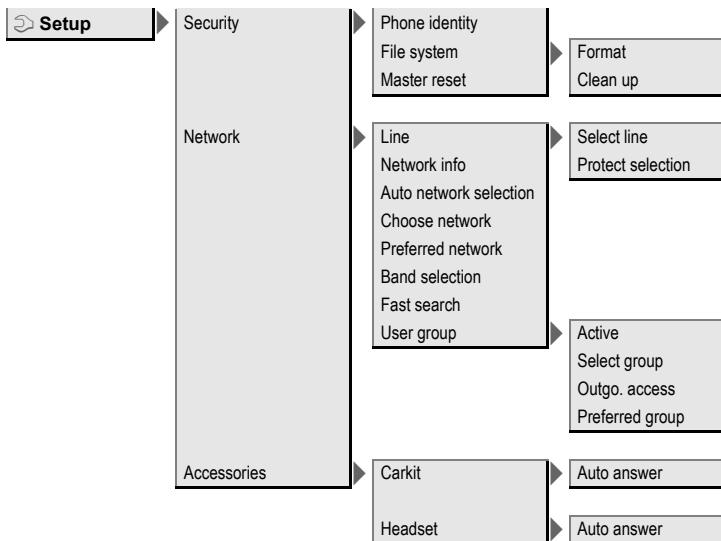












Note on Surf & fun

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

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