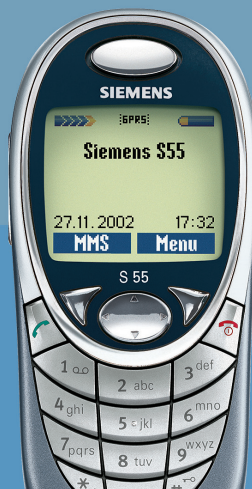


SIEMENS

Be inspired

S55



Safety precautions	3	Addressbook	28
SAR (Specific Absorption Rate) ..	5	<New entry>	28
Overview of phone	7	Read/change an entry	29
Getting started	9	Call (search for an entry)	30
Insert SIM card/battery	9	Addressbook menu	30
Charge battery	10	Voice dialing	31
Switch on, off / PIN entry	11	Groups	32
Switching on your phone		Records	33
for the first time	11	Durat/charges	34
Standby mode	12	Organizer	35
General instructions	13	Calendar	35
User guide	13	Alarm	37
Menu controls	13	Tasks	39
Security	15	Notes	40
Codes	15	Missed appointments	41
Prevent accidental activation ..	16	Dictating machine	42
My phone	17	Time zones	43
Calling	18	SMS	44
Dialing with number keys	18	Writing and sending	
End call	18	text messages (SMS)	44
Set volume	18	Picture&Sound	45
Redialing	18	SMS to group	46
When a number is busy	19	Read SMS	46
Accept call	19	Ringtones, icons	47
Reject call	20	Lists	47
Handsfree	20	Archive	48
Hold call	20	MMS	49
Call waiting/Swap	21	Writing/sending MMS	
Conference	21	messages	49
Babysitter	22	Receive/read MMS	52
Phonebook or Addressbook	24	Lists	53
Phonebook	25		
<New entry>	25		
Call (search for an entry)	26		
Change entry	26		

E-mail	55	Security	100
Write/send e-mails	55	Network	102
Receive e-mail	56	Accessories	104
Read new e-mail	56	Print via.../Send via	105
Lists	57	Infrared (IrDA)	105
Message profiles	59	Bluetooth™	106
SMS profile	59	Text entry	109
MMS profile	60	Special characters	109
E-mail profile	61	Input menu	109
Voice mail/mailbox	63	Predef. text	110
Cell broadcast	64	Display symbols (selection)	113
Surf & fun	65	Notes A-Z	114
Internet browser (WAP)	65	Siemens Data Suite	122
Games & more	68	Questions & Answers	124
Profiles	71	Customer Care	127
Extras	73	Accessories	129
Alarm clock	73	Specifications	131
Calculator	73	Exposure to radiofrequency	
Currency converter	74	signals	131
Stopwatch	75	Technical data	131
Countdown	76	Trademarks	131
Camera (Accessories)	76	Maintenance	132
Voice command	78	U.S. FDA	133
Remote synchronization	79	FCC/Industry Canada Notice	139
SIM services (optional)	80	Ten Driving Safety Tips	140
Fast access key	81	Intellectual Property	142
My menu	83	Index	143
Filesystem	84		
Setup	86		
Display	86		
Audio	88		
Keys	90		
Mobile	90		
Clock	93		
Connectivity	94		

Note for parents

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



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



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



The voltage (V) specified on the power supply unit must not be exceeded.



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



Only use original Siemens batteries (100% mercury-free) and charging devices. Otherwise, considerable health risks and damage to the product cannot be excluded: 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. Any other changes to this device are strictly prohibited, as they will invalidate the type approval criteria required for operation of the unit.



Always use the handsfree kit (p. 104) with an external antenna for calls while driving! !



Mobile phones must be switched off at all times in an aircraft. To prevent accidental activation, see (p. 72).



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



The ringtone (p. 89), info tones (p. 89) and handsfree talking are reproduced through the loudspeaker. Do not hold the phone to the ear when it rings or when you have switched on the handsfree function (p. 20). Otherwise, there is a risk of serious lasting damage to hearing.

Please note:

Safely dispose of used batteries and phones according to the legal regulations.



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



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

Improper use invalidates the warranty!

THIS SIEMENS S55 PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless Siemens S55 phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.*

Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at mul-

tiply power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (for example, at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this Siemens S55 phone when tested for use at the ear is 0.52 W/kg, and when worn on the body, as described in this user guide, is 0.36 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements.) While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this Siemens S55 phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this Siemens S55 phone is on file with the FCC and can be found under the Display Grant section of

<http://www.fcc.gov/oet/fccid> after searching on FCC ID **PWX-S55**.

For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only Siemens approved accessories. When carrying the phone while it is on, use the specific Siemens belt clip that has been tested for compliance.

Use of non-Siemens-approved accessories may violate FCC RF exposure guidelines and should be avoided.

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at:

<http://www.wow-com.com>

For SAR information in other regions please look under product information at:

www.my-siemens.com

① Integrated antenna

Do not interfere with the phone unnecessarily above the battery cover. This reduces the signal strength.

② Loudspeaker

③ Display indicators

Signal strength/GPRS available/battery level.

④ Control key

See next page

⑤ Input keys

Numbers, letters

⑥ Microphone

⑦ Plus-Minus key

- During a call: volume loud-quiet.
- In menus, lists and WAP pages: scroll up and down.
- In standby mode:

⊕ Press key **briefly**: displays current profile.

⊖ Hold key **down**: start voice control.

⑧ Dictation key

(in standby mode):

Hold **down**: record.

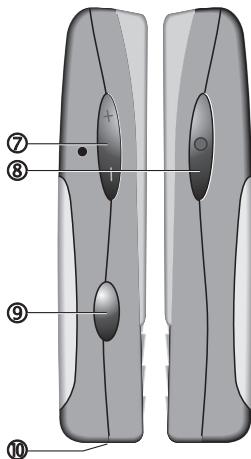
Press **briefly**: play back.

⑨ Infrared interface

(IrDA, e.g. for PC/PDA communication with mobile phone).

⑩ Device interface

Connection for charger, headset, etc.



① Soft keys




The current functions of these keys are displayed in the bottom line of the display as **text**/icons

② Call key

Dial phone number/name selected, take calls.
Display last calls in standby mode.

③ Control key





In lists and menus:

-  Scroll up/down.
-  Select function.
-  Menu level back.

During a call:

-  Open call menu.

In standby mode:

-  Voice command.
-  Open Address/Phonebook.
-  Open menu.
-  Info (e.g. GPRS information).

④ On/Off/End key

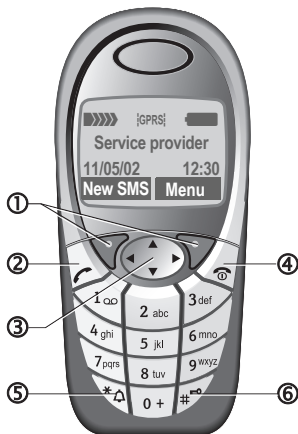
- Switched off: hold **down** to switch on.
- During a conversation or in an application: press **briefly** to finish.
- In menus: press **briefly** to go back one level.
- In standby mode: hold **down** to switch off phone.

⑤ Hold down

- In standby mode: switch all audible signals on/off (except alarm).
- For incoming calls: switch off ringtones only.

⑥ Hold down

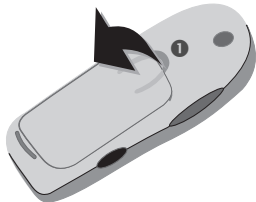
In standby mode: switch key lock on/off.



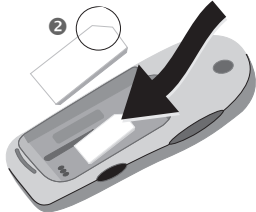
Insert SIM card/battery

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.

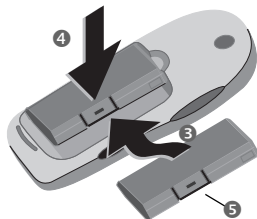
- Remove the cover upwards, in the direction of the arrow ①.



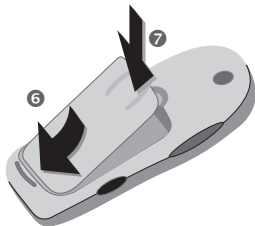
- Insert SIM card in the opening with contacts **pointing downwards** and push gently until it engages (make sure the angled corner is in the correct position ②).



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



- To remove, push down the retaining flap ⑤, and then lift out battery.
- Insert cover in the lower edge ⑥, then press downwards ⑦, until it engages.



Note

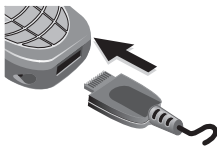
Always switch off phone before removing the battery!

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

Functions with SIM cardpage 121

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 power socket and charge for at least **two hours**.



Display when charging is in progress



During charging.

Charging time

An empty battery is fully charged after about 2 hours. Charging is only possible in an ambient temperature of 41 °F to 104 °F (the charge icon flashes as a warning when the temperature is 41 °F above/below this range). The voltage specified on the power supply unit must not be exceeded.

To obtain maximum performance from the battery, it must be fully charged and then emptied at least five times.

Charge icon not visible

If the battery is totally discharged, no charge icon is displayed when the charger is plugged in. It will appear after two hours at most. In this case the battery is fully charged after 3-4 hours.

Only use the charger provided!

Display while in service

Charge level display during operation (empty-full):



A beep sounds when the battery is nearly empty. The battery level is only shown correctly during an unbroken charging/discharging cycle. You should therefore **not remove the battery unnecessarily** and where possible **not finish the loading process** early.

Note

The charger heats up when used for long periods. This is normal and not dangerous.
Performance.....page 118
Battery quality statement.....page 114

Note

Your phone's display is delivered with a protective film.

Remove this film before getting started.

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

Activate/deactivate



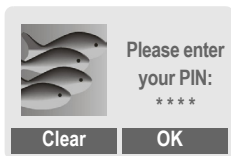
Hold **down** On/Off/End key to switch on or off.

Enter PIN

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



Enter the PIN using the number keys. Input is shown as a series of asterisks; if you make a mistake, press **Clear**.



OK

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

Switching on your phone for the first time

Contrast, time/date




Set display contrast.

Set time/date (page 93).

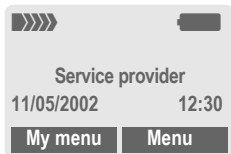
Phonebook or Addressbook

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 on the display.

To copy data on the SIM card at a later time, highlight entries (page 116) and copy these with the function **Copy into**  (Phonebook options menu page 26).

Standby mode






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

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



Press the On/Off/End key repeatedly to return to standby mode from any situation.

Note

	Signal strength.....	page 119
	SIM services (optional).....	page 80
	SOS.....	page 115
	Change standard index.....	page 24
	Change PIN	page 15
	Other network	page 102
	SIM card problems	page 119
	Clear SIM card barring.....	page 16

User guide

The following icons are used to explain operation:



Enter numbers or letters.



On/Off/End key.



Call key.



Press control key on the side indicated.



Soft keys

Menu

Displays a soft-key function.



Function dependent on service provider, may require special registration.

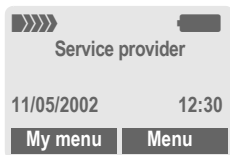
Menu controls

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

Menu → Records → Calls missed

This corresponds to:

1



Menu

Open menu.

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

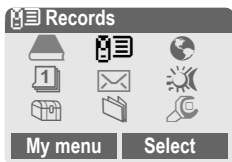
2



Records  Select.

Press **top** of control key.

3

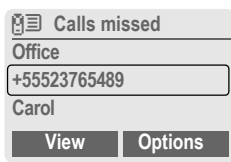


Select

Press.

Press **right** soft key to open the Records submenu.

5

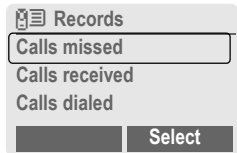


Scroll to the required entry.

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



4

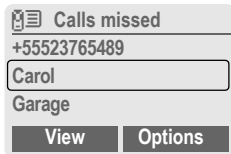


Select

Press.

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

6

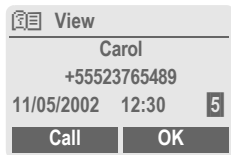


Press.

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

View

7



Codes

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

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

PIN	Protects your SIM card (personal identification number).
PIN2	This is needed to set the charge detail display and to access additional functions 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 → **Setup** → **Security**
→ then select function

PIN control

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

Select

Press.



Enter PIN.

OK

Confirm input.

Change

Press.

OK

Confirm.

Change PIN

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



Enter **current** PIN.

OK

Press.



OK

Enter **new** PIN.



OK

Repeat **new** PIN.

Change PIN2

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

Chg.phonecode

You define and enter the phone code (4-8 digits) when you call up a phone code-protected function for the first time (e.g. Babysitter page 22). It is then valid for all phone code-protected functions. After three incorrect entries the phone is locked. If this happens please contact Siemens Service (page 127).

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.

Note

Screensaver.....	page 86
Key lock	page 90
Further security settings.....	page 100

Prevent accidental activation

Even if PIN entry is deactivated (see page 15), confirmation is required to switch on phone.

This prevents the phone from being switched on accidentally, e.g. when carried in a pocket or while 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 switching-on operation is broken off.

Change your phone to match your personal requirements.

Ring tones

Assign individual ring tones to caller groups or for special dates (page 89).

Animations, screensavers, logos, applications

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

Animations

Choose a start-up and closing animation (page 87) as well as a personal greeting (page 87).

Screensaver

Choose an analog clock or a personal picture (page 86).

(Provider) logo

Choose a personal picture (display in standby mode). (page 87)

Background image

Choose your own permanent background image (page 86).

Applications

Download your own applications from the Internet. (page 68)

Color scheme

Choose a color scheme for the entire service system (page 86).

Where do I get what?

You can order additional ring tones, logos, animations and screensavers on the Internet and receive them by SMS/MMS:

www.my-siemens.com/ringtones

www.my-siemens.com/logos

www.my-siemens.com/screensaver

www.my-siemens.com/animations

Or you can download them direct via WAP:

wap.my-siemens.com

Siemens City Portal

Additional applications, games and services for your mobile phone (e.g. a Photo Logo Composer to create personal pictures for your Address Book) can be found at:

www.my-siemens.com/city

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

My menu

Create your own menu with frequently used functions, phone numbers or WAP pages (page 83).

Dialing with number keys

The phone must be switched on (standby mode).



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

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



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

End call



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

Set volume



Use the left side key to change volume (only possible during a call).

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

Redialing

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



Press Call key **twice**.

To redial other numbers that were dialed previously:



Press the Call key once.






Select required phone number from list, then press ...



... to dial.

Note

 Save phone number (Phonebook).....	page 25
 Save phone number (Addressbook).....	page 28
Options Call lists.....	page 33
Hold	page 20
 menu Call menu	page 22
Forward Set call forwarding	page 90
Handsfr. Handsfree	page 20
Microphone off	page 22
Voice dialing	page 31
Auto key lock	page 90
Phone number transmission off/on (Hide ID)	page 90
International dialing codes	page 116
Phone number memo	page 118
Control codes (DTMF)	page 114

When a number is busy

If the number called 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

Automatic redial of last number

Auto dial Press. The number is automatically redialed for up to 15 minutes at increasing intervals. End with:



End key.

or

Call back



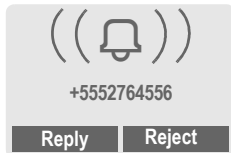
Call back Press. Your phone rings when the busy number is free. Press the Call key to dial the number.

Reminder

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

Accept call

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



Reply

Press.

or



Press.

The phone number is displayed if transmitted by the network. If the caller's name appears in the Phonebook or Addressbook, this will appear instead of the number. If set, a picture can be displayed instead of the bell icon (page 28).

Note

Please make sure you have accepted the call before holding the phone to your ear. This will avoid your hearing possibly being damaged by a loud ringtone.

Reject call

Reject

Press. The call will be forwarded if this has been set previously (page 90).

or



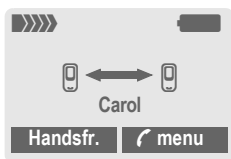
Press **briefly**.

Note

- Missed calls page 33
- Accept call using any key page 90
- Switch off ringer page 119

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 left side key to regulate volume.

Handsfr.

Deactivate.

Note

Always deactivate "handsfree talking" before holding the phone to your ear. This will avoid damage to your hearing.

menu Call menu page 22

Hold call

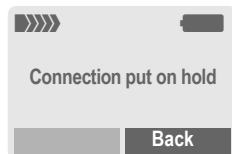
You can call another number during a call.

menu

Open call menu

Hold

The current call is put on hold.



Now dial the new number (Phonebook/Addressbook).

When the new connection is established:

menu

Open call menu.

Swap

Swap back and forth between the calls.

Call waiting/Swap



You may need to register for this service with your service provider and set your phone accordingly (page 90). 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 and put the current call on hold To swap between the two calls, proceed as above.

End the current call:



Press. The following is displayed: "Return to call on hold?"

Yes

Return to held call.

or

No

The held call is ended.

Reject waiting call

Reject

Reject the waiting call.

or

Forward

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

End current call



End the current call.

Reply

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 **Hold** select. The current call is put on hold.



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

menu

... open menu and **Conference** select. The call on hold is added in.

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


End





All calls in the conference finish simultaneously when the End key is pressed.

Call menu

The following functions are only available during a call:

 **menu** Open menu.

Swap	(page 21)
Hold	(page 21)
Microphone	Switch microphone on/off. If switched off, the person on the other end of the line cannot hear you (muting). Also:  hold down.
Handsfree	(page 20)
Volume	Adjust handset volume.
Conference	(See above)
Durat/ charges	Display call duration and (if set, page 34) costs accruing during the connection.
Send DTMF	(page 114)
Call transfer 	The original call is connected 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).

Babysitter

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

Switch on

Menu → Setup → Security
→ Babysitter

Select Press.



Enter phone code:

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

Please don't forget the number!

OK Confirm input.

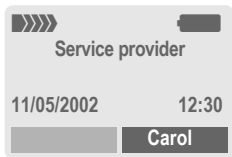
Change Press.



Select phone number from Addressbook (page 29) or Phonebook (page 26) or enter new number.

OK Confirm "On".

Use



Use the **right** soft key and hold it **down** to dial (e.g. Carol's phone number).

Switch off



Hold **down**.



Enter phone code.



Confirm input.



Press.



Confirm "Off".

Note

Change phone code..... page 16

Menu → Phonebook/Addressbook
(Standard directory)
→ Select function.

Show entries

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



Select a name with the
first letter and/or scroll.
The number is dialed.

<New entry>

Create new entry in standard
directory.

Phonebook (see page 25)

Addressbook (see page 28)

Preferred directory

Select either Phonebook or Address-
book as your standard directory.



Phonebook or Addressbook
select.

Select Set as standard.

Businesscard

Create your own business card. Send
this by SMS, infrared or Bluetooth™
to another GSM phone or to a suit-
able PC/printer.

Menu → Phonebook/Addressbook
→ Businesscard

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



Move from field to field to
put in your details.

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

Save Press.

Note

The content of the business card corre-
sponds to international standards (vCard).



Copy numbers from Address-
book/Phonebook.

Options See Addressbook menu
(page 30).

Groups

(see page 32)

Service numbers

(see page 118)

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

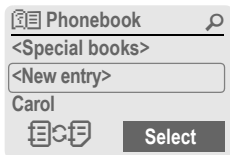
You can, however, exchange data between the Phonebook and the Addressbook.

<New entry>

If the Phonebook is set as standard (Addressbook as standard, page 24):



Open Phonebook (in standby mode).



Select <New entry>.



Select input fields.



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

Number:

Always enter phone number with prefix.

Name:

Enter first and/or last names.

Location:

Default: **SIM**



Select the storage location such as **SIM** or **Protected SIM** (page 27).

Record no.:

Each entry is automatically assigned a record number. You can also dial using the record number (page 26).



Changing the record number.

Save

Press to store the new entry.

Note



Temporary swap to Addressbook (page 28).

+List

International

dialing codepage 116

Store control codespage 114

Text entrypage 109

<Special books>: **<Own numbrs>:** Enter personal phone numbers (page 117), **VIP:** Assign important phone numbers to group, **<Service numb.>:** see page 118.

Call (search for an entry)



Open Phonebook.



Select a name with first letter and/or scroll.



Dial number.

Icons in the open entry



Storage location (page 27)

Call using record no.

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



Enter record number.



Press.



Press.

Change entry



Select entry in Phonebook.



Press and **Change** select.



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.
Change	Open the entry to edit.
New entry	Create new entry.
Copy into	Copy new entry/entries into Addressbook.
Delete	Delete entry.
Delete all	Delete all entries after confirmation.
Mark	Activate highlighting mode, the entry currently selected is highlighted (page 116).
Mark all	Activate highlighting mode, all entries are highlighted (page 116).
Send/Print...	(page 105)
Import	Import entries and appointments via IrDA/Bluetooth™ in vCard format.
Capacity	Display maximum and available capacity.

Location:

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


SIM (standard)

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

Protected SIM



Phone numbers can be stored in a protected location on a special SIM card. A PIN 2 is needed for editing (page 15).

Activate with the function **Only**  (page 100).

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

<Groups>

<New entry>

Carol

Import Select



Select <New entry>.

Addressbook

Last name:

Smith

First name:

Clear Save



Enter first and/or last name.

Group

Entries can be organized by groups (page 32). Select with **Change**.



Make further entries, field by field.

Phone/mobile:	URL:
Phone/office:	Street:
Phone:	ZIP code:
Fax:	City:
Fax 2:	Country:
E-mail:	Birthday:
E-mail 2:	Company:

Bitmap

Select Assign an individual picture to an Addressbook entry. This picture will appear in the display when there is a call from this particular number (see Filesystem, page 84).

Input fields

Select the individual fields that you want.

Setup Press, then mark the selected input fields.


Save

Save the new entry.

Note


<Groups> Group functions (page 32).

Birthday After entering the date of birth, the "reminder box" can be activated. Now you can enter the date and time of the reminder in the organizer calendar.

 Copy data from another Addressbook entry.

Import The phone is ready to receive multiple vCard entries via IrDA or Bluetooth™ (page 105).

+List Copy international dialing code from the list (page 116).

 Temporarily switch to the Phonebook.

Synchronizing with a PC

Using XTNDConnect® PC (page 122) you can synchronize your Addressbook with Outlook® or Lotus Notes™.

Using **Remote sync.** you can synchronize your mobile with an organizer stored on the Internet (page 79).

 Smith, John

Smith, John

Group: No group

 055512345

Change

Save

Change

Open entry.



Make changes.

Options See below.

OK

Save the 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 dialing menu (page 31).

E-mail Create e-mail (page 55).

Link Visit URL (page 65).

Show Display corresponding picture.

Read/change an entry



Open Addressbook (in standby mode).



Select required entry.

View

Press.

Call (search for an entry)



Open Addressbook
(in standby mode).

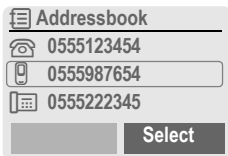


Select a name with the
first letter and/or scroll.



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.
Change	Open entry for changes.
New entry	Create new entry.
Move	Assign entry to a group.

Filter	Display only those Addressbook entries with the following criteria: <ul style="list-style-type: none"> • Voice dialing • E-mail • URL • Birthday • Bitmap
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 116).
Mark all	Activate highlighting mode, all entries are highlighted (page 116).
Voice dialing	Apply voice dialing to an entry (page 31).
Send/Print...	(page 105)
Import	Import entries via IrDA/Bluetooth™ in vCard format.
As businessc.	Define an entry as your own business card.
Capacity	Display maximum and free capacity.

Voice dialing

Dial numbers by voice command. Up to 20 recorded names for voice dialing or voice commands (page 78) 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 dialing

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 dialing 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 dialing



Long press on **bottom** of **left** side key (in standby mode).

Now say the name. The number is dialed.

Note

Noisy environments may adversely affect voice recognition. If recording was unsuccessful, press the side key again and repeat the name.

9 groups are preset in your phone to enable you to arrange your Addressbook entries clearly. You can rename seven groups.

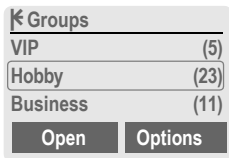
Menu → Addressbook → Groups

or



Open Addressbook
(in standby mode).

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



VIP Select.

Options Open menu.

Rename group

Select and give group a name.

Note

- SMS to group (page 46).
- Special cases:

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

Receiving: Contains vCard Addressbook entries received by IrDA or SMS (name cannot be changed).

Group menu

Options Open menu.

Open Display all members of the selected group.

View Addressbook, page 29.

Options See page 30.

Group symbol Assign a symbol to a group, see below.

Rename group Change name of group.

Move Transfer one or more highlighted entries from one group to another.

Delete all After confirmation, delete all members of the current group.

Group symbol

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



Select group.

Options Open menu.

Group symbol

Select.



Choose a symbol.

OK

Confirm.

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

Menu → **Records**

Select Press.



Select call list.

Select Press.



Select phone number.



Dial phone number.

or

View Display information on the phone number.

10 phone numbers can be stored in each call list:

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 control key (on the left) to display phone number.

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

Calls received



Accepted calls are listed.
Requirement:

The network supports the "Caller Identity" feature.

Calls dialed

Access to the last numbers dialed.



Fast access in standby mode.


Erase records

The contents of all call lists are deleted.

Call list menu

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

Options Open list menu.

View	View entry.
Correct no.	Load number to display and edit there if necessary.
Save no.to 	Store entry in the Address-book/Phonebook.
Delete	Delete entry after confirmation.
Delete all	Delete all entries in call list after confirmation.

Note

Durat/chargespage 34

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 → **Records** → **Durat/charges**

Select type of call:

Last call

All calls

Remain. units

Select Display the data.

When displayed, you may do the following:

Reset Clear display.


OK End display.

Charge sett.

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

Conv. 
(PIN 2 query)

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

Personal rate 
(PIN 2 query)

Enter the charges per unit/period.

A/c limit 
(PIN 2 query)

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 PIN 2.

A/c limit Activate.



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.

All calls

Total cost, incoming and outgoing calls.

Incoming calls

Costs for incoming calls are also calculated/communicated.

Auto display

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

Calendar

Menu → **Organizer** → **Calendar**

You can enter appointments and tasks in the Calendar. It offers a

- monthly overview,
- weekly overview,
- daily overview.

Time and date must be set for the Calendar to work correctly (page 93).

Monthly overview

Tu		Nov 2002							W45	
					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					
Week					Agenda					



Scroll between weeks.



Scroll between days.

Week

Display weekly view.

Agenda

List of the day's appointments and tasks.

Note

Calendar days in bold face indicate appointments or birthdays (page 37) on this day.

Weekly overview

Tu		Nov 2002							W45	
M	T	W	T	F	S	S				
4	5	6	7	8	9	10				
6										
12										
18										
Day					Agenda					



Scroll by the hour from 0:00 to 24:00 hours.



Scroll between days.

Day

Display the daily overview.

Daily overview

Tu		Nov 2002							W45	
0	4	8	12	16	20					
1	5	9	13	17	21					
2	6	10	14	18	22					
3	7	11	15	19	23					
Month					Agenda					

Each day is divided into six blocks of four hours (morning + afternoon).



Scroll between days.

Note



Appointments are displayed by vertical bars.



Time overlaps in appointment entries are highlighted.

You can use the plus-minus side keys on the phone to scroll between the months or weeks depending on the current overview.

Agenda

Agenda Select in the current overview.



Appointments (page 37) and, where applicable, any open tasks (page 39) for the current day are displayed in chronological order in the agenda.

<New entry>

Create new entry as appointment or as task.

Calendar options

Different functions are provided, depending on the Calendar item selected or the current organizer function:







Options Open menu.

View	Display entry.
Activate/Deactivate	Switch alarm on/off.
Done	Change task to "completed."
Change	Open entry to make changes.
New entry	Create new entry as Appointment (page 37) or Task (page 39).

Delete	Delete selected entry.
Delete all	Delete all entries after confirmation.
Delete until	Delete all entries prior to a certain date.
Delete done	Delete all completed tasks.
Mark	Activate highlighting mode, the currently selected entry is highlighted (page 116).
Mark all	Activate highlighting mode, all entries are highlighted (page 116).
Send/Print...	(page 105)
Import	Import tasks and appointments via IrDA/Bluetooth™ in vCal format.(page 108)
Capacity	Display available capacity.

Note

For additional Calendar settings, see below under **Setup**.

-  Appointment with "alarm activated".
-  Appointment with "alarm deactivated".
-  Task.
-  Priority task.
-  Task completed.
-  Task deadline exceeded.

Synchronize with PC

With XTNDConnect® PC (page 122) you can synchronize your appointments with Outlook® or Lotus Notes™.

With **Remote sync.** you can synchronize your phone with an organizer stored on the Internet (page 79). For this a time zone must be set (page 93).

Calendar settings

Menu → Organizer → Setup

Birthdays

Birthdays (and other events) are shown in bold face.

Begin of week

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

Alarm

Menu → Organizer → Alarm

All appointment entries are displayed in chronological order. If an alarm is missed, it appears in the list of missed appointments (page 41).

List according to type

Types Appointment types are displayed.



Select appointment type.

Select

Show all appointments of the selected type.

Enter new appointment

Select <New entry>.



Make the entries field by field.

Edit

Browse through displays in the selection fields.



New entry

Type: Memo

Description:

Edit
Save

Type:**Memo.**

Description with up to 50 characters.

**Call.**

Enter phone number.
Shown with alarm.

**Meeting.**

Description with up to 50 characters.

**Speech memo.**

Recording a voice memo at the end of input procedure (see also page 42).

Description:

Display in the agenda list.

Location:

Location of appointment, e.g. meeting room.

Start date:**Start time:****End date:****End time:****Alarm:**

Activate alarm.



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



Select:

Minutes, Hours, Days.

Reoccurrence:

Select a timeframe for repeating the appointment:

None, Daily, Weekly, Monthly, Annual.

Enter a parameter for repeating:

Forever, Until, Occurrences (number)

If **Weekly** is selected, certain weekdays can be highlighted.



Save the appointment. The alarm is automatically activated. If **Speech memo** is selected as type, the dictating machine is started for recording (page 42).

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 41).

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

Alarm type **Call**: the phone number is displayed for dialing.

Alarm type **Speech memo**: to display, press the key on the right side of the phone.

Pause The alarm stops for 5 minutes.

Off The alarm is stopped.

Note

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

Display indicating that alarms are set:



Alarm.



Appointments.

Deactivate all alarms..... page 72

Set alarm tone..... page 88

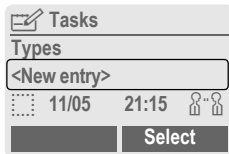
Clock..... page 93

Options..... page 36

Tasks

Menu → **Organizer** → **Tasks**

Like an appointment, a task is displayed in the agenda of the selected day. However, unlike an appointment it does not require a time. When this is the case, the task appears daily at the top of the list until it is marked completed.



List according to type

Types Types of appointments are displayed.



Select appointment type.

Select

Show entries for the selected type.

Enter new task



Select **<New entry>**.



Select task type (see appointments, page 37).

Description:

Display the list.

Status:

Choose between: **Done** or **Outstanding**

Priority:

Select between 1 (high) - 5 (low).
Default is 3.

Use date

When **Yes** is selected, the following option is provided.

Expire time:

Enter date and time.

Alarm:

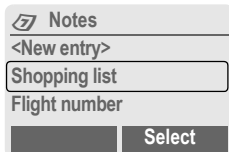
Enter a time (0-99) and a time unit (minutes, hours, days) at which an audible/visual notification of an impending task should be made.

Save Save task.

Notes

Menu → **Organizer** → **Notes**

Use your phone as a notepad.

**New entry**

Select **<New entry>**.



Enter text, 150 characters maximum.

Options Open menu.

Save Store entry.

Text entry menu

Options Open menu.

Save	Store entry.
T9 input (page 110)	T9 preferred: Activate/deactivate T9. Input language: Select language for text.
Line feed	Enter line break.
Delete text	Delete note.
Send	Send entry as SMS message.

Display entry



Select entry.

View

Open note.

Notes menu

Options

Open menu.

View	Display entry.
Confidential	Protect note with phone code (page 15).
Change	Display entry for editing.
New entry	Create new note.
Delete	Delete entry.
Delete all	Delete all notes after confirmation.
Delete untill	Delete all entries prior to a certain date.
Mark	Switch to highlighting mode (page 116).
Mark all	Activate highlighting mode, all entries are highlighted (page 116).
Send	Send entry as SMS message.
Import	Import notices via IrDA/Bluetooth™ in vNotes format (page 108).
Capacity	Display available capacity.

Note

Protect confidential data with phone code (page 15).

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

A total of 500 entries can be stored (appointments, tasks, notes) in the organizer.

Enter special characters.....page 109

Missed appointments

Menu → **Organizer** → **Missed alarms**

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

Missed alarms			
	11/03	21:15	
	11/05	12:30	
	11/05	18:00	
View		Options	

Missed appointments menu

Options

Open menu.

View	Display entry.
Delete	Delete entry.
Delete all	Delete all entries after confirmation.
Send/Print...	(page 105)

Dictating machine

Use the dictating machine to record short voice memos.

- Use your phone as a dictating machine when on the move.
- Record a memo as a reminder or as a note for others.
- Add a voice memo to an alarm in the Calendar (page 38).
- Record a call - useful for remembering numbers or addresses.

Note

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

It is important to inform the other party to the conversation in advance if you want to record the conversation, and to keep such recordings confidential.

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

Control using the side keys

In standby mode, the operation is made quickly and simply via the side key.



New recording

Hold down the dictation key throughout the recording. The maximum possible recording period is shown. Recording starts after a short beep.

Pause

For a recording pause release the dictation key for a maximum of 10 seconds. If you press the key again, recording is resumed, otherwise it will finish.

Save

Releasing the dictation key for longer than 10 seconds will finish the recording.

Stop

End recording.

Recording is automatically saved with a time stamp.

Save

Name recording.

Save

Save recording.

Play back

In standby mode, press dictation key **briefly**. If the Options menu is set up accordingly, **Handsfree** will be offered (see following).

Operation with display keys

New recording

Menu → Organizer
→ Dictating machine

The list of recordings is opened.

New Select.

Record Start recording

Pause Recording pause.

Stop End recording.

Recording is automatically saved with a time stamp.

Save Name recording.

Save Save recording.

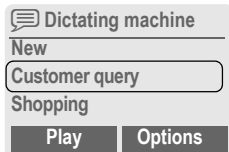
or

Play Play back recording before storing it.

Display

Menu → Organizer
→ Dictating machine

The list of recordings is opened.



Select recording.

Play

Press.

Dictating machine menu

Options Open menu.

Play	Play recording back.
Handsfree	Activate/deactivate play-back in handsfree mode.
New record	Start new recording.
Delete	Delete selected recording.
Delete all	Delete all entries after confirmation.
Rename	Replace time/date stamp of recording with a name.

Time zones

Menu → Organizer → Time zones

Set the time zone for where you currently are.(page 93)

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

In addition, 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 59).

Writing and sending text messages (SMS)

Menu → Messages → New SMS



Text input using "T9" (page 110) 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 Phone- or Address-book.

Groups SMS to group (page 46).

OK

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

OK

Return to Edit mode.

Display in the uppermost line:

Abc SMS 1 739
We start at 8

Abc
abc/Abc/
ABC/123

T9 active.

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

SMS

Display title.

1

Number of SMS messages required.

739

Number of characters still available.

Note

Insert pictures & sounds into text .page 45
SMS profile.....page 59

If necessary **Message type**,
Validity period, **Service center**
will be requested page 59

SMS status report.....page 119

Enter special characters.....page 109

Text menu

Options	Open text menu.
Send	Enter recipient's phone number/select from Phonebook/Addressbook, then send.
Save	Save composed text in draft list.
Picture& Sound	Add pictures, animations and sounds into message (see following text).
Insert text	Insert text blocks (page 110).
Format	Line feed Small font, Medium font, Large font Underline Left, Right, Center (align) Mark text (highlight text using control key)
Delete text	Delete the whole text.
Insert from...	Insert entry from Phonebook/Addressbook.
T9 input (page 109)	T9 preferred: Activate/deactivate T9. Input language: Select language for text.
Print via IrDA	Send SMS to a suitable printer.
Send via ...	Select an SMS profile for transmission (page 59).

Picture&Sound

Insert pictures and sounds into message.



Compose message.

Options

Open text menu at the end of a word.



Select **Picture&Sound**

The menu contains:

Fix animations

Fix sounds

Own animat.

Own pictures

Own sounds



Select range.

Select

Confirm.

The first entry of the selected range is displayed.

Scroll to entry required.



When **Fix animations/Fix sounds**:

Select

the selection is added to the SMS.

When **Own animat./Own pictures/Own sounds**:

Load

the selection is displayed/played back.

Select

the selection is added to the SMS.

Note

Playback only occurs if the destination phone supports the EMS standard (page 115).

In input mode, when sound is selected, it is shown as a wildcard.

SMS to group

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

Options Open menu.

Send Select.

Groups Press. The Addressbook is opened in highlighting mode (page 116). There are the following options:

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

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

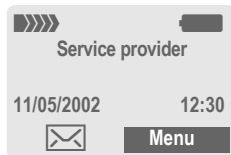
Skip Skip recipient.

Send Transmission is started after confirmation.

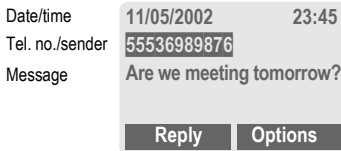
Read SMS



Display indicates a new SMS.



Press the left soft key to read message.




Scroll through message line by line.

Reply See below.

Options (see page 48).

Note

Pictures and sounds in SMS page 45

 Message store full page 117

Use **highlighted** phone number/e-mail address/WAP address page 118


Reply menu

Reply Open reply menu.

Write mess.	Create a new reply text.
Change	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	
Thanks	

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

Ringtones, icons ...

You can receive ringtones, icons, screensavers and animations via an SMS in which a link is shown. Please highlight this link and by pressing the Call key , start the download.

Please ensure that the HTTP profile (page 70) and the connection (page 98) are configured.

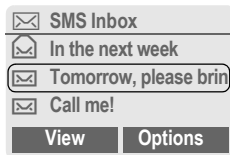
Lists

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

Inbox

Menu → Messages → Inbox → SMS

The list of received SMS messages is displayed.



Draft

Menu → Messages → Draft → SMS

The list of the not yet transmitted SMS messages is displayed.

Unsent

Menu → Messages → Unsent → SMS

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

Sent


Menu → Messages → Sent → SMS

The list of sent SMS messages is displayed.

Lists menu

Each list offers different functions:

Options Open menu.







View	View entry.
Reply	Directly answer incoming SMS messages.
Delete	Delete selected SMS messages.
Delete all	Delete all SMS messages after confirmation.
Send	Dial number or select from Phonebook, then send.
Change	Open SMS message to edit.
Capacity	Display free capacity on SIM card/phone. In case of segments: number of concatenated SMS messages.
Mark a unread	Mark message as unread.
Save no.to 	Copy a highlighted phone number to Phone/Address-book.
Archive	Move SMS message to archive.
Print via IrDA	Send SMS message to a suitable printer.
Send via ...	Select an SMS profile for transmission (page 59).
Picture & Sound	Save pictures or tones from the SMS.

Archive

Menu → Messages → Archive

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

A:\SMS
INBOX
DRAFT
UNSENT
Options Select

	Unread
	Read
	Draft
	Sent
	Entry on SIM card.
	Concatenated message.

Different functions are available, depending on context:

Archive menu

Options Open menu.

View	View entry.
Send	Dial number or select from the Phonebook, then send.
Change	Open editor for changes.

For further services, see **Filesystem**, page 84.

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

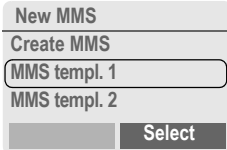
Depending on your phone's settings, you will receive either the complete message automatically or notification that an MMS has been saved in the network, giving sender and size details. You may then download it to your phone to read it.

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

Writing/sending MMS messages

Menu → Messages → New MMS

An MMS message includes address header and content. Standard messages are available, which you can change as you like.



Select **Create MMS**.



Enter MMS address



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



Cc: Phone number/e-mail address for recipient of copy.



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





Select priority:
Low, Medium, High



Delivery time: **Yes/No**

If **Yes**, enter date and time.

 You may attach your business card.

 If applicable, import appointment entry from Calendar.

Options

MMS main menu (page 51).

Note

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

Create MMS content

An MMS message can consist of a series of pages, each one of which may include a combination of text, sounds and pictures.

Texts can be written with the help of T9 (page 110).

Pictures and **graphics** produced with accessories such as digital cameras can be attached in JPEG, BMP, WBMP, PMG or GIF format. See also **Filesystem**, page 84.

Music is sent and received in a MIDI file, single tones/noises in an AMR file. Up to 16 KB can be played back.

Options Open menu.

New slide Select.

The following input is possible on each page:

Picture/animation

Insert The picture list is opened for selection (see also **Filesystem**, page 84).

Text

Edit Write text with the help of T9. Text menu see below.

Music

Insert The music list is opened for selection (see also **Filesystem** page 84).

Slide duration



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



Scroll page by page with the left side key.



Scroll line by line with the control key.

Check MMS

Check the MMS message before sending it:

Options Open menu.

Preview slide

View a single page.

Preview Play back the whole MMS in the display.

Press any key to break off. Scroll down with left side key or control key.

To send MMS

Options Open menu.

Send Select.

Text menu

Options Open menu.

Line feed	Start new line.
Save	Save MMS text.
Insert text	Insert text block (page 110).
Delete text	Delete the whole text.
T9 input (page 109)	T9 preferred: Activate/deactivate T9. Input language: Select language for text.

Delete slide	Delete page currently displayed.
Preview slide	Playback of complete page.
Slide list	Display the pages available for selection.
Preview	Playback of complete MMS. Press any key to break off.
T9 input (page 109)	T9 preferred: Activate/deactivate T9. Input language: Choose language in which the text is to be written.

MMS menu

Different functions are available, depending on context:

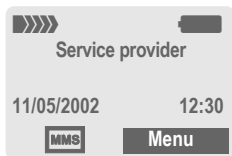
Options Open menu.

Insert line	Extend address field by one line.
MMS editor	Open MMS to edit.
Save	Store MMS in the draft list.
Send	Send MMS.
Insert from...	Insert number from Phonebook/Addressbook and appointments/tasks.
Delete text	Delete the whole text.
New slide	Insert new page behind current one.
Remove Item	Delete element on a page.

Receive/read MMS



Indicates reception or notification of an MMS.



To read the MMS press the left soft key.

Depending on the setting, (page 60) the

- complete MMS is played back or
- the notification is opened.

Receiving Press to receive the complete MMS.

Press any key to break off function.



Scroll down page by page with the left side key.



Scroll line by line with the control key.



Call up individual pages directly by number key.

Attachment

A single MMS can contain several attachments.

Options Open menu.

Attachment Select.



Select attachment.

Open

The attachment is opened with the available application.

Save

The attachment is saved under a name.

Content

Pictures and sounds received in an MMS can be saved separately. To do this, stop the MMS by pressing any key, or alternatively scroll through to the required page.

Options Open menu.

Content Select.

Continue as with attachment above.

Lists

All MMS messages are saved in various lists:

Inbox

Menu → Messages → Inbox → MMS

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

Draft

Menu → Messages → Draft → MMS

The list of stored drafts is displayed.

Unsent

Menu → Messages → Unsent → MMS

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

Sent

Menu → Messages → Sent → MMS

The list of sent MMS messages is displayed.

Lists menu

Each list offers different functions:

Options Open menu.

Play	Play back MMS.
Change	Open edit mode for changes.
Reply	Reply to MMS immediately.
Receive MMS	Only start inward transmission of MMS when notification is highlighted (page 60).
Receiv.all MMS	Start receipt of all MMS messages.
Forward	Forward MMS to new recipients.
Delete	Delete selected MMS messages.
Delete all	Delete all entries after confirmation.
Mark a.un-read	Mark MMS as unread.
Save no.to 	Copy phone number/e-mail address into Phonebook/Addressbook.
Attributes	Information on MMS is displayed: <ul style="list-style-type: none"> • Sender • Arrival time • Subject • Size • Priority

Capacity	Size of current MMS as well as capacity still available are shown.
Preview slide	Play back current page.
Slide list	Display pages available for selection.
Attachment	Open list of attachments received.
Content	Selection of page contents to be archived, such as picture or sound.
Save	Store MMS in outbox list.

Icon: Importance:

MMS unread



MMS read



MMS draft



MMS sent



MMS read and forwarded.



MMS read with dispatched confirmation.



Notification unread.



Notification read.

Your phone has its own e-mail client. You can use it to create and receive e-mails.

Write/send e-mails

Menu → Messages → New e-mail

Enter e-mail address




To: E-mail address of recipient(s).

Cc: E-mail address for the copy recipient.

Bcc: E-mail address for blind copy recipient.

Attach.: See below.

 Press **briefly** to write special characters such as @ (page 109).
T9 helps you write e-mails (page 110).



Subject: Enter e-mail header (up to 200 characters).



Content: Enter text.

Options

Open menu.

Send

Send e-mail.

Add attachments

A file from the file system (e.g. ringtone) can be inserted in an e-mail as an attachment (page 84).

Attach.

Open file system.



Select file to be inserted.

Mark

Highlight file.

OK

Copy file as an attachment.

E-mail editor menu

Options

Open menu.

Insert line

Extend address field by one line.

Delete

Delete line in address field.

T9 input
(page 109)

T9 preferred: Activate/deactivate T9.

Input language:
Select language for text.

Insert from...

Insert entry from Phonebook/Addressbook.

Attach.

See above.

Save

Save in draft list.

Send e-mail

Establish connection with server and send e-mail. If necessary, select different access (page 98).

Send later

Transfer to outbox list to be sent later.

Receive e-mail

Menu → Messages → Inbox
→ Receive e-mail

Before an e-mail can be read, it must be retrieved from the server. The service provider is dialed with the set access profile and all e-mails are transmitted to the inbox list (page 98).

Note

The e-mail client always receives complete messages including header, content and, if applicable, attachments. You can restrict the size of the received messages (page 61).

A maximum of 50 e-mails can be stored in the phone. E-mail size is limited to 99 KB.

Synchronizing with a PC

With XTNDConnect® PC (page 122) you can synchronize your incoming/outgoing e-mails with Outlook® or Lotus Notes™.

E-mail	with attachment	Importance
		Unread
		Read
		Draft
		Sent

Read new e-mail

Menu → Messages → Inbox → E-mail



Select e-mail.

View



The e-mail is displayed.

Switch between small, normal and large font sizes.



Scroll line by line with the control key.



Scroll page by page with the left side key.

The left soft key offers different functions depending on which text segment has been selected:



E-mail addresses/phone numbers in the message are **highlighted** and can be stored in the Address-book.



Dial phone number or start new e-mail.

Save

Save attachment (e.g. bitmap).

Reply

Reply to sender.

Link

Start WAP browser and visit URL (page 65).

Read menu

Depending on the situation, different functions are available.

Options Open menu.

Reply	The original e-mail is retrieved. The sender is entered as recipient and can be changed as can the header and CC.
Reply to all	As above, but all recipients are listed in "Send to" field.
Forward	The original e-mail is retrieved. Enter the new recipient to whom it should be forwarded.
Change	To edit, open e-mail in edit mode.
Delete	Delete selected e-mail.
Delete all	Delete all e-mails in the inbox or outbox.
Font size	Select font size.
Save attach.	The attachment is stored in the file system (Filesystem, page 84).

Lists

All e-mails are stored in various lists:

Inbox

Menu → Messages → Inbox → E-mail

The list of received e-mails is displayed.



Select e-mail.

View

The e-mail is displayed for reading.

Draft

Menu → Messages → Draft → E-mail

The list of draft e-mails is displayed.

Unsent

Menu → Messages → Unsent → E-mail

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

Menu → Messages → Unsent
→ Send e-mail

Transfer to server all e-mails waiting for transmission.

Menu → Messages → Unsent
→ Send/rec. mail

Transfer to server all e-mails waiting for transmission and receive all new e-mails from server.

Sent

Menu → Messages → Sent → E-mail

The list of transmitted e-mails is displayed.

List menu

Each list offers different functions:

Options Open menu.

View	(page 56)
Change	Edit e-mail.
Reply	The original e-mail is retrieved. The sender is entered as recipient and can be changed, as can the header and CC.
Reply to all	As above, but all recipients are listed in the "Send to" field.
Forward	The original e-mail is retrieved. Enter the new recipient to whom it should be forwarded.
Delete	Delete selected e-mail in phone.
Delete all	Delete all e-mails in phone.
Sort	Sort <ul style="list-style-type: none"> • By subject • By sender • By recipient • By date/time • By status Not all sort criteria are possible in all lists.

Send e-mail	Establish connection with server and send e-mails.
Receive e-mail	Establish connection with server and receive incoming e-mails.
Send/rec. mail	Establish connection with server, send e-mails and receive incoming e-mails.

SMS profile

Menu → Messages → Setup → SMS

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.

Options Open menu.

Change sett.
Select.

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

Recipient Enter the standard recipient for this transmission profile or select from 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 period in which the service center should try to deliver the message:

Manual, 1 hour, Three hours, Six 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 message is handled via your service center when **Direct reply** is activated (for information please contact your service provider).

SMS via GPRS

Send SMS automatically by GPRS (if available).

Requirement: GPRS is activated (page 94). Ensure that your service provider offers this function.

Save aft. send

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

Activate profile



Select profile.

Activate

Press to activate profile.

MMS profile

Menu → Messages → Setup → MMS

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



Select profile.

Options Open menu.

Change sett. Select.

Validity period Select the period in which the service center should try to deliver the message:
Manual, 1 hour, Three hours, Six hours, 12 hours, 1 day, 1 week, Maximum*
 *) Maximum period that the service provider permits.

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

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

Retrieval Receive complete MMS or only notification of arrival.
At once
 Receive complete MMS immediately.
Auto.homenet
 Receive complete MMS immediately in home network
Manual
 Only the notification is received.

Relayserv-er MMS relay URL, e.g.
<http://www.webpage.com>

IP settings 1. **IP address:**
 Enter IP address.
 2. **IP address:**
 Enter IP address
 1. **Port:** Enter port number.
 2. **Port:** Enter port number.
 These settings can be different from those of the WAP browser.

Conn.pro-file: Select or set connection profile (page 98).

Activate profile



Select profile.

Activate Press to activate profile.

E-mail profile

Menu → Messages → Setup → E-mail
→ Select function.

Before using this service, you must set the server access and your e-mail options. The data for these may already have been entered. If not, your service provider will supply you with the relevant information. See also the Internet at:

www.my-siemens.com/s55

Note

Your service provider must support the following protocols for successful data exchange with the e-mail server:

POP3, IMAP4 and SMTP or eSMTP.

E-mails will be MIME-encoded for transmission.

Encryption of e-mail transmission (SSL, APOP) is not possible at present.

E-mail access

5 access profiles can be defined. If no access data have been defined for the profile, the entry card is displayed.

Alternatively:

Options Press.

Change sett.

Select, then:

User settings

Provider	Select supplier.
Login name:	Your name.
E-mail addr.: *	Your e-mail address, e.g.:name@domain.abc
Reply-t.addr.:	Additional e-mail address for replies.
User ID: *	Your user ID.
Password: *	Your password.

Server sett.

Downl. only mails smaller than <10> KB	Set maximum size for incoming e-mails.
Leave copy on server?	E-mails will remain on the server after retrieval or will be deleted.
POP3 server: *	Enter Internet address if the server type is POP3 and SMTP.
POP3 Port: *	(standard value: 110)

* Your service provider will supply you with this information.

IMAP4 *	Enter Internet address if the server type is IMAP4 and SMTP.
IMAP4 Port: *	(Standard value: 143)
SMTP server: *	Enter Internet address.
SMTP port: *	(default value: 25)
SMTP Authentication.:	Authentication: Yes/No
SMTP Password:	A user password will be required if "Authentication" is set on Yes.

* Your service provider will supply you with this information.

OK Save and activate settings.

General sett.

Enter the preset default of an e-mail address for blind-copy recipient (Bcc).

Activate profile



Select profile.

Activate Press to activate profile.

Menu → Messages → Setup
→ Voice message

Most service providers supply an external voicemail service. A caller can leave a voice message for you using this service if

- your phone is switched off or not ready to receive,
- you do not want to answer,
- or you are making a phone call (and **Call Waiting** is not activated, page 21).

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

Settings:



The service provider supplies you with two phone numbers:

Save mailbox number

Call this phone number to listen to voice mails left for you.

Menu → Messages → Setup
→ Voice message



Select number from Phonebook or enter/change it.

OK

Confirm.

Save call forwarding number

Calls are forwarded to this phone number.

Menu → Setup → Mobile
→ Forwarding
→ e.g. Unanswered → Set

Enter call forwarding number.

OK

Registration with network. Forwarding will be confirmed in a few seconds.

Further information on call forwarding can be found on page 90.

Listen to



A new voice mail can be displayed as follows:



Icon plus beep.

or



A text message announces a new voice mail **or**

you receive a call with an automatic announcement.

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



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

Away from your home network you may have to dial a different Mailbox number and enter a password before you can listen to any messages.

Menu → Messages → Cell broadcast

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

Broadcast

You can activate and deactivate the Cell Broadcast (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

Add an unrestricted number of topics to this personal list from the topic index (**Topic index**). You can preset 10 entries with their channel numbers (ID) and, if necessary, their names.

New topic

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 confirm with **OK**.

Selection from a list


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.

To "full page view":

, then press **View CB**.

Topic index

The list of topics is displayed for you to choose from. If nothing is displayed, you must enter the channel numbers (ID) manually (**Topic list**). Please contact your service provider for details.

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.

Internet browser (WAP)

Get the latest WAP information from the Internet, specifically adapted to the display options of your phone. You can also download games and applications onto your phone. Internet access may require registration with the service provider.

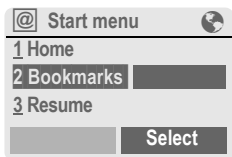
Internet access



Menu → Surf & fun → Internet

The browser is activated as soon as you call up the function. The functions of the soft keys vary, depending on the internet page, for example "link" or "menu." The contents of the option menus are also variable. If necessary, set the way in which WAP access should be made (see **Browser menu**, **Setup**, **Start with...**, page 66).

For example, the start menu appears:



Select required function

Select

Confirm.

Start menu

Home	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 are stored in the phone for fast access.
Resume	Call up recently visited pages that are still in memory.
Inbox	Inbox for messages from WAP server (WAP push).
Profiles	The list of profiles is displayed for activation/setting (page 67).
Exit browser	Close browser and clear down connection.

Note

Additional operational advicepage 120

End connection



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

Browser menu

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



Press

or



confirm.

Home	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 are stored in the phone for fast access (page 121).
Resume	Call up most recently visited page still in memory.
Go to...	Enter URL to access WAP page directly, e.g. wap.my-siemens.com Select from list of most recently visited WAP addresses.
Show URL	Show URL of current page.
Reload	Reload page.
Disconnect	End connection.
More ...	See below.
Exit browser	Close browser and clear down connection.

More ...

Profiles The list of profiles is displayed for activation/setting (page 67).

Reset Restart session and clear cache.

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
- Home
- Resume
- Bookmarks

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

About Openwave Display browser version.

Your Internet browser is licensed by:



OPENWAVE™



Notes

Browser menu



Offline.



Online.



GPRS Online.



No network.



Select special characters,
such as @, ~, \, see page 109
or
press repeatedly for:
. , ? ! @ / & ~ + - =

WAP profiles

Menu → Surf & fun → Internet
→ Profiles

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

- Settings have already been installed by provider. You can start immediately.
- Access profiles for a number of providers have already been set. Select profile and activate.
- Access profile must be set manually.

If necessary, check with 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 highlighted.

Set WAP profile

Up to 5 WAP profiles can be set (if not barred by provider). The entries may vary depending on 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.

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

Account sett. Selection or ending of access profile (page 98).

* depends on service provider, if necessary, enter 2nd IP address and 2nd port

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.

Note

To download applications, the WAP profile (page 67), HTTP profile (page 70) and access (page 98) must be configured.

Java™ information page 117

Sounds (ringer)/
silent alert on/off page 88

Applications and games can be found at:

wap.my-siemens.com

or on the Internet at:

www.my-siemens.com/city

Games and applications

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

Menu → **Surf & fun** → **Games & more**

Games & more

★ Application

★ Game

🌐 MySiemens

Options

Select

Different functions are available depending on which entry is highlighted:

★ **Carry out game/application offline**

Select

Executable application can be started immediately.

★ **Load game/application online**

Select

Only description file (page 117); application has still to be loaded.

🌐 **Load link (optional)**

Internet

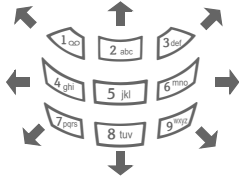
The selected Internet page is loaded.

Receive information

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

Note

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



Games&More menu

All functions required for editing and managing your applications and folders are found in the Options menu:

Options Open menu.

Start	Start application.
Download	An application is downloaded from the Internet and installed.
New folder	Create and name new folder.
Delete	Delete selected application/folder.

Delete all	Delete all applications/folders after confirmation.
Rename	Rename highlighted applications/folders.
Move	Move applications between folders.
HTTP profile	The list of profiles is displayed for activation/setting (page 70).
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).
Security	Prompts before downloading applications: Confirm everytime Confirm once No confirmation
Capacity	Display maximum and available capacity.

HTTP profile

Menu → Surf & fun → Games & more

Options Open menu.



Select HTTP profile.

Preparation of the phone depends on current service provider:

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

If necessary, check with your service provider for details.

Provider	Select or set access profile (page 98).
-----------------	---

Linger time:	Enter time in seconds after which a connection should be ended if no input or data exchange takes place.
---------------------	--

WAP can be used to download applications 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 or liability claims with respect to or in connection with applications or software that were installed subsequently by the customer, and were 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 or software and for any direct damage or consequential damage of whatever nature resulting from the use of these applications or software. For technical reasons, such applications or software and subsequent enabling of certain functions will be lost in the event of the device being replaced/re-supplied and may be lost if it is repaired. In these cases, the purchaser will need to download the application again or re-enable it. Siemens does not warranty or guarantee or accept any liability for the customer's ability to download or enable applications again or to do so free of charge.

A profile allows several settings to be made with **one** function in order, for example, to adapt the phone to the surrounding level of noise.

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

Normal envi.

Quiet environ.

Noisy environ.

Car Kit

Headset

- You can set two personal profiles (<No Title>).
- The special profile **Aircraft mode** is fixed and cannot be changed, (page 72).

Activate

Menu → Profiles



Select default profile or personal profile.

Select

Activate profile.

☐ Normal envi.
 ☒ Quiet environ.
 ☐ Noisy environ.

OptionsSelect

☒ Active profile.

Setup

Edit a default profile or create a new personal profile:



Select profile.

Options

Open menu.

Change sett.

Select.

The list of available functions is displayed:

Ringer settingpage 88

Volumepage 88

Silent alertpage 88

Call screeningpage 89

Info tonespage 89

Key tonespage 89

Illuminationpage 87

Big letterspage 87

GPRSpage 94

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

Profile menu

Options Open menu.

Change sett.	Change profile settings.
Copy from	Copy settings from another profile.
Rename	Change personal profile (except default profiles).

Car Kit

If a Siemens original Car Kit is used, (page 130) the profile is activated automatically as soon as the phone is inserted into the cradle (page 104).

Headset

If an original Siemens headset is used, (page 129), the profile is activated automatically as soon as the headset is used (page 104).

Aircraft mode

All alarms (appointments, alarm clock) are deactivated. This profile **cannot be modified**. The phone is switched off when you select this profile.

Activate



Select

Scroll to **Aircraft mode**.

Activate profile.

A security prompt must be confirmed.

The phone switches itself off automatically.

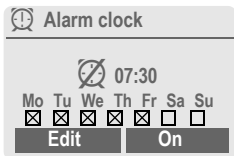
Normal operation

The next time you switch on the phone and return to normal operation, the profile set previously will be activated automatically.

Alarm clock

Menu → Extras
→ Select function.

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



On / Off Activate/deactivate the alarm.

Setting

Edit Display selected time and days for alarm calls:
Set time for the alarm call (hh:mm).



Navigate to days.

Edit Set days for alarm calls.

OK Confirm settings.

Note



Alarm clock switched on.



Alarm clock active
(display in standby mode).



Alarm clock switched off.

Calculator



Enter number
(max. 8 digits).



Select calculator.



Repeat procedure with
other numbers.



Result is displayed.

Calculator functions

. = + - * /	Press the right soft key repeatedly.
±	Toggle between "+" and "-".
%	Convert to percentage.
↓	Save the number displayed.
↑	Retrieve the number saved.
e	Exponent (max. two digits).

Special keys:



Set decimal point.



Add (hold **down**).

Currency converter

Menu → Extras → Currency converter

You may calculate the exchange rates between three different currencies.

Enter the currency

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

Otherwise:

Options Open menu

New entry Select, then if:

- **Only euro currencies:**

List Press and select 1st euro currency:

Select Confirm.



Select next field.

List Press and select 2nd euro currency.

Select Confirm.

OK Confirm.

- **Euro currencies and/or other currencies:**



Enter symbols for the currencies.

OK Confirm.



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

Calculator functions



Press right soft key repeatedly:



Recall a saved number from calculator.

Convert

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



Select a combination of currencies from the list.

Select

Confirm.



Enter figure (max. 12 digits).



Result is displayed.

Repeat Repeat conversion with other data.

Calculator menu

Options Open menu.

Start

Enter value to be calculated.

New entry

Enter two new currencies.

Change

Change the two currencies.

Delete

Delete the two currencies.

Delete all

Delete all currency pairs after confirmation.

Stopwatch

Menu → Extras → Stopwatch

Two intermediate times can be recorded and saved.



Reset

Reset to zero.

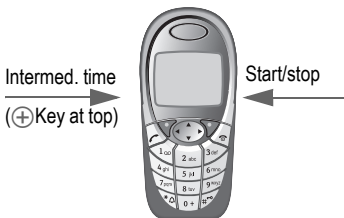


Start/stop.



Intermediate time.

Control using side keys:



Stopwatch menu

Options Open menu.

Save	Record the time(s) measured and assign an icon to them.
Reset	Reset stopwatch.
Stopwatch list	<p>Display the stored times.</p> <p>View Display the stored times and intermediate times.</p> <p>Rename Rename stored entry.</p> <p>Delete Delete entry.</p> <p>Delete all Delete list.</p>

Countdown

Menu → Extras → 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. |
| Edit | Change period of time. |
| Reset | Reset counter to starting time. |

Camera (Accessories)

You can use the phone to immediately view, save and send photos you have taken with the QuickPic IQP-5002 camera (page 129).

Shots can be taken in two different formats:

- Low resolution: QQVGA
160x120 pixels, memory size up to 6 KB to send as picture message (page 49).
- High resolution: VGA
640x480 pixels, memory size of one shot 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 shot.

Camera Press when the camera has been attached (in standby mode).

or

Menu → Extras → Camera

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

OK Confirm.

The last shot taken is shown.



Scroll through photos.

Shot

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

- ⊕ Press side key on left; a new shot is taken, shown in the display and automatically saved.

Flashlight

The flash function can be activated/deactivated in the options menu.

If the flash is switched on, a command is given to charge the flashlight before taking a shot:

- ⊕ Press left side key **briefly**; the flashlight is charged.
- ⊕ Press the left side key again; the shot will be taken with flash.

Note

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

- ⊕ **Hold down** left side key. The charging process for the flashlight is omitted and a shot is taken immediately.

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.
Move	Move currently selected picture to another folder (if necessary, first choose resolution). See also file system , page 84.
Move all	See above.
Send via ...	Send picture by: MMS or E-mail.
Info	Display number of shots still available.
Setup	Set resolution: Low High & Low

Note

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

- Delete** Delete picture currently shown.

Voice command

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

Record

Menu → Extras → Voice command

A list with available functions is displayed.



Select a function.

Record

Press.

Yes

Confirm selected function.

Start

Start recording.

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

Apply



Hold **down bottom of left** side key (in standby mode).

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

Noisy environments may affect recognition.

Voice command menu



Highlight required entry.

Options

Open menu.

Playing

Play back the recording belonging to the entry.

New sample

Start new recording for an entry.

Delete

Delete entry.

Delete all

Delete all recordings.

Remote synchronization

Menu → Extras → Remote sync.

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

Synchronize

Sync Computer is selected and synchronization started.

Sync. setting

Setup Start synchronization.

Sync. Profile

A number of profiles can be defined.



Select profile.

Options Open menu.

Change Select.

Highlight database areas to be synchronized:

Addresses

Calendar

Tasks

Notes

Server sett.

Sync. mode	Fast: Only data that has changed will be synchronized in both directions. Slow: All data will be synchronized in both directions.
Provider	Select or set the connection profile (page 98).
Server-Name	E.g. http://sync.yourcompany.com/
Server port	Enter port number, e.g. 80.
Login name:	Enter user name (Login name).
Password:	Enter password (shown as a series of asterisks).
HTTP authent.	Depends on server provider.
HTTP name:	Enter user name.
HTTP passw.:	Enter password.
Address path	Index name with path details: <ul style="list-style-type: none"> • Addresses • Calendar • Tasks • Notes

Save Save settings.

Activate remote sync. profile

Sync. setup

Select.

Sync. Profile

Select.



Select profile.

Select

Activate. The current profile is selected.

SIM services (optional)



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

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



Symbol for SIM services.


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



Menu → Extras → SIM services

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.

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

Note

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

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

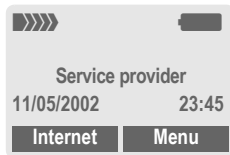
Key assignments available:

Internet (WAP)	page 65
Phone number	page 28
Alarm clock	page 73
New SMS	page 44
Illumination	page 87
Hide ID	page 90
Calls missed	page 33
Calls received	page 33
Inbox (SMS)	page 47
My menu	page 83
Call screening	page 89
Filesystem	page 84

Left soft key

For fast access, a function/phone number may be assigned to the left soft key.

Change



Internet

Press **briefly**.

Edit

Scroll to application in list.

- Assign a new application (e.g. **New SMS**) to the soft key.
- Special case **Phone number**. Pick a name (e.g. "Carol") from the Phonebook/Addressbook to assign to the soft key.

Select

Confirm setting.

Apply

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

Carol

Hold **down**.

Speed dialing keys

Number keys 2 to 9 can be used as speed dialing numbers for fast access. For available key assignments see page 81. Number key 1 is reserved for the mailbox number (page 63).

Edit

In standby mode:



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

Set

Press.

or

New SMS

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

Edit

Scroll to application in the list.

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

Special case **Bookmarks**. Scroll to a URL in 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 control key (to right) e.g.:

New SMS Hold **down**.

Or simply



Hold **down**.

Menu → My menu

Create menu with frequently used functions, phone numbers or WAP pages.

The list with 10 possible entries is preset. You can, however, change it as much as you want.

Note

For fast access from standby mode you can set the function **My menu** on the left soft key (page 81).

Activate



Select the required entry.

Select

Press.

or

Options

Press.

Activate

Select.

Select

Press.

or



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

Change sett.

You can replace each preset entry (1-10) with another entry from the selection list of **My menu**.



Select the required entry.

Options

Press.

Change sett.

Select.

Set

Press.



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

Set

Press.

If you have selected a phone number or a WAP favorite as a new entry, the corresponding application is started.

Reset all

Options

Press.

Reset all

Select.

After confirmation and entering the phone code, the default entries are reset.

To organize your files, you can use the file system like a PC file manager. The file system assigns special folders to different data types.

Menu → Filesystem

A list of the folders and files is displayed.

Navigate through this list using the control key:



Scroll up and down.



Go back from folder.

Open

Open folder or execute file with related application

or

with unknown file types:

Mark

Highlight file.

Index structure

The file system assigns special folders to different data types.

Animation	Animations (page 87)	*.bm (anim) *.gif
Camera	Photos (page 76)	*.jpg
Colour scheme	Color scheme (page 86)	*.col
Pictures	Pictures (page 50)	*.bmp *.jpg *.gif *.png
Data objects	Inbox	

Internet	Browser files (miscellaneous)	
Misc	Other files	*.*
Sms	Sub-indexes:	*.smo *.smi
	Inbox:	
	Incoming mail	
	Draft:	
	Drafts	
	Unsent:	
	Unsent SMS messages	
	Sent:	
	Sent SMS messages	
Sounds	Ringtones, melodies and sounds	*.mid *.amr *.mmf
Text	Text files	*.txt
Text modules	Text modules	*.tmo
Voice memo	Voice recordings	*.vmo

File system menu

Options Open menu


Open	Open folder.
Mark	See highlighting mode (page 116).
Mark all	All entries highlighted, see highlight mode (page 116).
Move	Place highlighted file or folder in temporary memory.
Copy	Copy highlighted file into temporary memory.
Paste	Transfer content of temporary memory to current folder.
Delete	Delete current entry.
Delete all	Delete all entries.
New folder	Create a new folder and give it a name (only one folder depth available).
Rename	Change highlighted entry.
Sort	Set sort criteria (alphabetical, type, time).
Attributes	Display information on file or folder selected.
Drive info	Display capacity used and available.

Display

Menu → Setup → Display
→ Select function.

Language

Set display text language. 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# 

T9 input

T9 preferred

Activate/deactivate intelligent text entry.

Input language

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

Background

Set background graphic for display.

Logo

Choose picture to be displayed instead of the provider logo.

Color scheme

Select color scheme for the whole service system.

Activate color scheme



Select color scheme.

Select

Activate.

Load color scheme

Up to three color schemes can be included in the selection list. These can be loaded by WAP, for example.

Options

Open menu.

Load

Select color scheme.

Screensaver

The screensaver shows a picture on the display after a specified period of time. The function is ended by an incoming call or by pressing any key.

Note

You can also receive individual logos, screensavers and animations by SMS (page 44), MMS (page 49) or WAP (page 65). See also *My phone* (page 17).

Screensaver Menu

Enable	Activate/deactivate screensaver.
Style	Analog clock or Bitmap.
Bitmap	Select picture in file system.
Preview	Display screensaver.
Timeout	Set period after which the screensaver starts.
Security	Phone-code protected termination of screensaver.

Start anim.

Select animation to be shown when phone is switched on.

Shutdown anim

Select animation to be shown when phone is switched off.

Own greeting

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

Edit

Activate/deactivate.



Delete old message and create new message.

OK

Confirm changes.

Big letters

Choose between two font sizes for display.

Illumination

Switch display illumination on/off or set on Automatic (switched off increases standby time).

Contrast

Set display contrast.



Press the control key repeatedly to adjust display contrast up or down.

Audio

Menu → Setup → Audio
→ Select function

You can set the tones to match your needs.

Ringer setting

On/Off Activate/deactivate all tones.

Beep Reduce ringtone to a short signal (beep).

Note



Display: Beep.



Display: Ringer off.

Switch ringtones on/off..... page 119

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 ringer (e.g. in noisy environments). This function is deactivated when the battery is charged.

Silent alert is activated automatically if the maximum volume has been set for the ringtone. This is to remind you **not to hold the ringing phone to your ear**, so that avoid damaging your hearing.

Volume

Set different volumes for types of call/functions.



Select:

Calls

Group calls

All calls

Alarm

Alarm clock

Messages

Cell broadcast

Press.

Select



Set volume.



Display for rising volume.

Select

Confirm.

Note

Please make sure you have accepted the call before holding the phone to your ear. This will avoid your hearing possibly being damaged by a loud ringtone.

If two independent phone numbers are registered on your phone, you can set different volumes for them (page 120).

Menu → **Setup** → **Audio**
→ Select a function.

Melodies

Set different ringtones for types of call/functions.



Select:

Calls

Group calls

All calls

Alarm

Alarm clock

Messages

Cell broadcast

Select

Press.



Choose ringtone.

Select

Confirm.

Note

Individual ringtones can be sent to you via **SMS** (page 44) or you can download them via **WAP** (page 65).
See also **My phone** (page 17).

Call screening



Only calls from numbers in the Phonebook/Addressbook or in a group will be signaled audibly or by silent alert. Other calls are merely displayed.

If you do not accept these calls, they are forwarded to your mailbox (if set, page 90).

Note



Display:
Filter switched on.

Key tones

How to enter the type of acoustic key tone:

Click or Tone or Still

Minute beep

During a call, you will hear a beep after every minute as a reminder of the time elapsed.

Info tones

Set service and alarm tones:

On/Off Activate/deactivate tones.

Extended If switched on, a wider range of service tones is available, e.g.:


- End of menu,
- Maximum text length reached,
- Network connection broken.

Keys

Menu → Setup → Keys
→ Select a function

Any to answer

You can press any key to accept an incoming call.

(except ).

Auto key lock

When the key lock is activated, the keypad locks automatically if no key has been pressed for one minute in standby mode. This prevents the phone from being used accidentally. You can, however, still receive calls and still make an emergency call.

The keypad can also be directly locked and unlocked as follows.



Hold **down**.

Key tones

You can set the type of acoustic key tone:

Click or Tone or Still

Mobile

Menu → Setup → Mobile
→ Select function.

Call waiting



If you are registered for this service, you can check whether it is set and you can activate/deactivate it (see also page 21).

Hide ID



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

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

Forwarding

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

Set up call forwarding (example):

The most common condition for call forwarding is:

Unanswered

Select **Unanswered**.

(covers the **Not reachable**, **No reply**, **Busy** conditions, see right).

Select

Press.

Set



Select.

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

or



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

OK

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

All calls

All calls are forwarded.



Icon in top line of display in standby mode.

Not reachable

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

No reply

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

Busy

Forwarding occurs if a call is in progress. If **Call waiting** is activated (page 21), you will hear the call waiting tone during a call.

Receiving fax

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

Receiving data

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

Check status

You can check the current forward 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 diversions are cleared.

Note

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

Check condition or delete it

First select the condition.

Select Press.

Check status

Select.

or

Delete Select.

Reactivate forward

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

Edit phone number

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

Delete Press. The phone number is deleted.

Enter new number and confirm.

Menu → Setup → Mobile
→ Select function.

Fact. settings

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#

Format filesys

(Phone code protected)

The file system memory is formatted and **all** data that has been saved is deleted, including Addressbook, ringtones, organizer entries, etc.
Save important data in advance (page 122).

Menu → Setup → Mobile
→ 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#**

Checking software version
page 119.

Auto 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.

Clock

Menu → Setup → Clock
→ Select function

Time/date

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

Edit

Press.



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

Note

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

... press to set.

Options

Open menu.

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

Format date

DD.MM.YYYY or MM/DD/YYYY

Auto display

Activate/deactive time display in standby mode.

Buddhist year

Switch to the Buddhist date (not on all model variants).

Connectivity**Menu**→ Setup → Connectivity
→ Select function.**GPRS**

(General Packet Radio Service)

GPRS is a new method for transmitting data faster in the mobile network. If you 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**

Activate or deactivate GPRS function.

Shown in display:

GPRS

Activated and available.

GPRS

Logged on.

GPRS

Connection briefly lost.

GPRS info

Display of information on connection status.

Menu → Setup → Connectivity
→ Select function.


IrDA


Your phone has an infrared interface. You can use this to exchange data (Addressbook entries, business card, SMS, organizer entries) with other devices that are also equipped with an infrared interface.

The infrared interface is on the left side of the phone. The distance between both devices must not exceed 30 cm. The infrared window of each of the two devices should be placed as close to one another as possible.

Edit Activate/deactivate IrDA.

Shown on the display:

 When activated.

 During the transfer.





If IrDA is activated, Bluetooth™ is deactivated and vice versa.

Bluetooth™

Bluetooth™ is a short-range radio link. Use the **Send/Print...** function in the options menu of the relevant device to send data by this route (page 106).

You can activate/deactivate Bluetooth™, give your phone a Bluetooth™ name, and manage the list of known Bluetooth™ devices.

Shown in the display

- | | |
|---|--------------------------------|
|  | Bluetooth™ activated. |
|  | Bluetooth™ visible for others. |
|  | Data transfer with Bluetooth™. |
|  | Call made via Bluetooth™. |

Bluetooth™

You must activate Bluetooth™ to establish a Bluetooth™ connection between your mobile phone and other Bluetooth™ devices.

Edit Activate/deactivate.
My BT name: When you activate your phone for the first time, you can assign it a name.

If Bluetooth™ is activated, IrDA (infrared) is inactive and vice versa.

Visib.t.others

If this function is activated, then the address of this device or its Bluetooth™ name is transmitted if requested by other Bluetooth™ devices. Your phone can be "seen" by other Bluetooth™ devices. Under these circumstances, data can be sent or received.

Edit Press.

Visibility is set to: Off

Your phone cannot be "seen" by other Bluetooth™ devices. Known devices such as Bluetooth™ headsets and Car Kits continue to function.

Automatic: Your phone is "visible" to other Bluetooth™ devices for several minutes. A prompt then asks if the "visibility" should be continued.

Visibility is set to: On

Your phone can be "seen" by other Bluetooth™ devices as long as Bluetooth™ is activated.




Options Open menu.

Activate/ Deactivate	Activate/deactivate Bluetooth™.
Known devices	See below.
My BT name	Assign a name to the phone that will appear on the other party's display. If the phone does not have a Bluetooth™ name, it will use its own device address, which cannot be changed.

Known devices

You can include in this list a maximum of 10 devices with which you communicate regularly. This simplifies connection setup when sending (page 106).

Displays in devices list:

	Confidential and linked.
	Confidential, not linked.
	Linked.

Add new device to list:

Menu → Setup → Connectivity
→ Bluetooth

Options Open menu.

Known devices

Select. The list of known devices is displayed.



Select <New entry>.

Either

Select List of most recently connected devices is shown.



Select entry and confirm **Select**.

or

Accessories

Search for Bluetooth™ headsets, along with devices that use the "open speech protocol" for a Bluetooth™ connection, e.g. Car Kit, certain PCs. The number of devices found (a maximum of 10) is shown.

View Display of devices found so far. If the device you are looking for is not on the list, repeat the procedure with **Options** and **Repeat**.



Select device.

Select

The device is immediately added to the list.

or

Select

prompt to enter password.



Enter password for headset.

OK

Confirm. The device is added to the list of known devices as a trusted item.

Lists menu**Options**

Open menu.

Rename

Rename the device.

New entry

The list of most recently connected devices is shown.

Delete

Delete device from the list of known devices.

Delete all

Delete all entries from the list of known devices after confirmation.

Note

Whether a password is necessary or not depends on the setting of the other Bluetooth™ device.

Only one headset and one Car Kit can be present on the list at one time.

Data services

Menu → Setup → Connectivity
 → Data services
 → Select function.

For the **MMS, Wap and Mail, Java, Rms** applications, at least one connection profile must be set up and activated.

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

CSD settings

(Circuit Switched Data)

Options Open menu.

Edit Select.

Dial-up number	Enter ISP number.
Call type:	Select ISDN or analogue.
Login name:	Enter login name.
Password:	Enter password (shown as a series of asterisks).
DNS1 / DNS 2:	(optional).

Save Save settings

GPRS settings

(General Packet Radio Service)

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 94).

Options Open menu.

Edit Select.

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 → Setup → Connectivity
→ Data services
→ Select function.

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.

Edit Set the required mode.

Rec fax/data

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

The call is signaled by a special ringtone and the type of call (fax or data) is displayed.

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

Send vce/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 vce/fax** mode; you may now send a fax.

Voice/fax rec

(**Only** if a special fax or data number is not 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 .

Authentication

Edit Activate encrypted WAP dial-up (CHAP Challenge Authentication Procedure) or deactivate it (PAP Personal Authentication Procedure).

Security

Menu → Setup → Security
→ Select a function

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

Codes

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

Babysitter

(Phone code protected)

Only **one** phone number can be dialed. Hold **down** the right soft key (page 22).

Only



(PIN 2 protected)

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

If the SIM card does not support PIN 2 input, the **whole** Phonebook can be protected with the phone code (page 25).

Menu → Setup → Security
→ Select a function

Last 10 only



(Phone code protected)

Calls are limited to the call list of "dialed numbers" (page 33). This list can be specially filled with phone numbers:

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

This SIM only



(Phone code protected)

By entering a phone code, the phone can be linked to a SIM card. Operation using a **different** SIM card is not possible without knowing the phone code.

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 register each barring separately with your service provider.

All outgoing

All outgoing calls except emergency numbers 999 and 112 are barred.

Outgo internat

Only national calls can be made.

Out.int.x home

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 mailbox provides a similar effect).

When roaming

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

Status check

The following information can be displayed after a status check:



Barring set.

Barring not set.

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

Clear all

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

Network

Menu → Setup → 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

Select phone number in current use.

1 >>>> Display current phone number.

Note

Settings for phone numbers page 120

Block line

(Phone code protected)

You may limit usage to one phone number.

Network info

The list of GSM networks currently available is displayed.



Indicates forbidden service providers (depending on SIM card).

Menu → Setup → Network
→ Select function.

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.

Auto network

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

Pref. network

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

Note

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.

Your service provider is displayed:

List Display list of preferred networks.

Create new entry:

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

Change/delete entry:

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

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 → **Setup** → **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 may apply. Check with your service provider for details.

Activate

Activate/deactive 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 grp

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

Accessories

Menu → Setup → Accessories
→ Select function.

Car Kit

Only in combination with an original Siemens handsfree Car Kit (page 130). The profile is activated automatically as soon as the phone is inserted into the cradle.

User-definable settings

Auto answer

(factory default: off)

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



Indication in display.

Auto off

(factory default: 2 hours)

The phone is powered by the car's power supply. The time between switching off the ignition and deactivation of the phone can be adjusted.

Automatic settings:

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

Headset

Only in conjunction with an original Siemens headset (page 129). The profile is automatically activated when headset is plugged in.

User-definable settings

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) when key lock is activated.

Automatic answer

If an incoming call is not noticed, there is a risk of eavesdropping by the caller.

The phone provides you with several methods for sending, receiving or printing 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.

Infrared (IrDA)

By IrDA

Application option:

Send/Print... → IrDA

Send

The data are sent via the selected transmission route.

Print

The data are sent to the connected printer.

All via IrDA

Application option:

Send/Print... → All via IrDA

All entries from the Phonebook, Addressbook and organizer are sent or printed via the infrared port.

Send

See above.

Print

See above.

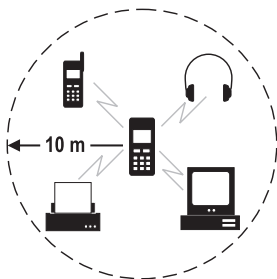
Set import mode on receiving phone (page 108).

Receive via IrDA

Please turn on IrDA to receive (page 95).

Bluetooth™

Bluetooth™ is a short-range radio link. It permits wireless communication between different terminal devices equipped with Bluetooth™ such as phones, phone accessories, printers and PCs.



Every Bluetooth™ device has a unique address and a name. This guarantees a connection between the intended communication partners. The security concept is based on a password that both devices exchange when they connect for the first time. These "trustworthy" partners can be included in a list. The password prompt is not required for future connections. For settings, see page 95.

Note

In some countries, there may be restrictions on the use of Bluetooth™ devices. Check with the relevant authorities.

To send via Bluetooth™

Send/Print... → Bluetooth

If Bluetooth™ is not yet activated, confirm the query with **Yes**. IrDA may need to be deactivated (for settings see page 95).

The following options are now available:

Known devices

A list of known devices is shown. Use this function when you are sure that the device sought is within reception range.



Select device.



Send.

Display in device list:



Confidential and linked.



Confidential, not linked.



Linked.

Search device

Search for Bluetooth™ devices. The device just found is shown in the display.

- Device sought is found:

View Search is ended and devices that have been found are displayed.



Select device.

Select Send.

- More than 10 devices found:

The search will finish when 10 devices have been found. If the device you are looking for is not on the list displayed:

Options Open menu.

Retry Repeat search. If the device you are looking for is found, continue as above.

- If time limit is exceeded:

The search is ended if the maximum amount of time available is exceeded.

Device addr.

You can directly enter the device address in order to set up a connection.



Enter device address.

OK Send.

Last connect.

The list of most recently connected devices is shown.



Select device.

OK Send.

To receive via Bluetooth™

Bluetooth™ must be activated (page 95). Received files are indicated by an icon above the left soft key.

- Known device:

If the sender is a device that is on the list of known devices, data will be received immediately.

- Unknown device:

With an unknown device it may be necessary to enter a password. This password will not be saved and can be reset with each new connection.



Enter password.

OK Start transmission.

The unknown device can be added to the list of known devices.

OK

Confirm query.

Shown in the display:

Bluetooth™ switched on.



Bluetooth™ visible to others.



Bluetooth™ with data transfer.



Call takes place via Bluetooth™.

Import

Enable transmission for **several** objects via IrDA or Bluetooth™ one after the other.

Data objects

Files received via Bluetooth™, IrDA or SMS are stored in the file system (page 84).

SMS

Phonebook and Addressbook entries and 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.

SMS as text

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

Enter text without T9

Press number key repeatedly until the required letter appears. The cursor will jump forward after a brief interval. Example:



Press once briefly for **a**, twice for **b** etc. The first letter in each name is automatically written in UPPER CASE.

Hold down to write the number.

Ä,ä/1-9

Numbers and letters with accents 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: Move back and forth between **abc**, **Abc**, **T9abc**, **T9Abc**, **123**. Status shown in top line of display.

Hold down: All input modes are displayed.

Press briefly: Select special symbols (page 109).

Hold down: Open the 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 skip



Navigate to symbol.

Select

Press.

Input menu

With text input:



Hold down. The input menu is displayed:

Format (SMS only)

Input language

Mark text

Copy/Add



Predef. text

Text blocks can be stored in the phone for adding to your SMS messages.

Write text blocks

Menu → Messages → Predef. text

Options Select **New entry**.



Write text block.

Options Select **Save**.

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

Use text blocks



Write message.

Options Open text menu.



Select **Insert text**.



Select text block from the list.

Select Confirm. Text block is displayed.

Select Confirm. The text block is inserted to the right of the cursor, in the message.

Text input with T9.

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

Activate, deactivate T9

Options Open text menu.

T9 input Select.

T9 preferred
Select.

Edit Activate T9.

Select Input language

Select the language in which you want to write.

Options Open text menu.

T9 input Select.

Input language
Select.

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

T9 language versions

If you want to load a dictionary in another language, you will find a large selection to download, plus related installation instructions, in the Internet under:

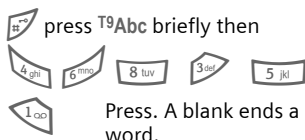
www.my-siemens.com/t9

Write a word using T9

Since the display changes as you proceed

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

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



Do not use special characters such as Å. Instead, write the standard character, e.g. A, and T9 will do the rest for you.

Note



Entering a period finishes a word, if it is followed by a blank. Within a word, a period represents an apostrophe or hyphen:

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

Move to the right. Ends a word.

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

Hold down: All input modes are displayed.


Press briefly: Select special symbols (page 109).


Hold down: Open input menu (page 109).

T9 word suggestions

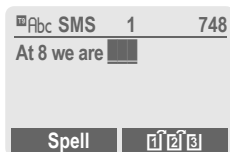
If several options are found in the dictionary for a key sequence (a word), the most probable is displayed first. If the word you want has not been recognized, the next suggestion from T9 may be correct.

The word must be **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:

Spell Select.

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

Correct a word

Words written **using** T9:



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



Scroll through the T9 word suggestions again.



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

Words **not** written using T9:



Move letter by letter to the left/right.



Deletes the character to the left of the cursor.



Characters are inserted at the cursor position.

Note

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

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

Display indicators



Signal strength.



Charging.



Loading status, e.g. 50%.



All calls are forwarded.



Ringer off.



Short ringtone (beep) only.



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



Alarm set.



Alarm active.



Key lock activated.

Phone numbers/names:



On the SIM card



On the SIM card (PIN 2 protected).



In phone memory.



No network access.



Function activated/deactivated.



Phonebook/Addressbook.

ABC/
Abc/abc

Indicates whether upper- or lower-case letters are active.



Text input with T9.



IrDA activated.



IrDA during transmission.



Bluetooth™ activated.

GPRS

Activated and available.



Registered.



GPRS Download.



WAP Online.



WAP via GPRS Online.



WAP No network.



Headset mode.



Auto answer feature on.

Organizer/Extras icons



Memo.



Call.



Appointment.



Dictating mach./voice memory.



Birthday.



Important event.



Alarm clock/stopwatch.

Soft keys



Message received.



Voice mail received.



Unanswered call.



Store in Phonebook/
Addressbook.



Retrieve from Phonebook/
Addressbook.



Change Phonebook/
Addressbook.

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.

Control codes (DTMF)

Sending control codes

You can enter control codes (digits) during a call so that an answering machine can be controlled remotely. These digits are directly transmitted as DTMF tones (control codes).

 menu Open call menu.

Send DTMF Select.

Use the Phonebook

Save phone numbers **and** control codes (DTMF tones) in the Phone/Addressbook like a normal entry.



Enter phone number.



Press until a "+" appears on the display (pause for connection setup).



Enter DTMF signals (digits).



If necessary enter further pauses of three seconds each to ensure correct processing at destination.



Enter a name.



Press.

You can also store just the DTMF tones (digits) without a phone number and send these during a call.

Dial-up access CSD

(Circuit Switched Data)

Data transfer is made via a data connection to a default IP address of your network provider or service provider. This connection can be used for the exchange of data (e.g. for access to the Internet or for downloading games and applications as well as for using WAP services).

As long as this connection is established to use services or to download applications from the Internet, charges for the connection accrue according to the price list of your network provider or service provider.

Dial-up access GPRS



(General Packet Radio Service)

GPRS is a new method for transmitting data faster in the mobile network. If you use GPRS and if the network has sufficient capacity, you can be connected to the Internet permanently.

Some service providers do not yet support this service.

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).

EMS

(Enhanced Messaging Service)

Besides (formatted) texts, you can also send

- pictures (bitmaps) up to max. 32 x 32 pixels (black and white),
- sounds,
- animations (sequence of 4 pictures) 8 x 8 and 16 x 16 pixels (black and white),

using the EMS.

The elements listed above can be transmitted individually or together in an SMS.

With EMS, pictures and sounds can also be sent (e.g. as screensavers and ringtones).

This can result in messages exceeding the length of a single SMS. In this case individual text messages are concatenated to form a single message.

Extending numbers in the Phonebook/Addressbook

When entering a phone number in the Phonebook/Addressbook, digits can be replaced by a question mark "?":



Hold **down**.

This space must be filled in before dialing.

Select the phone number to call from the Phonebook/Addressbook:



Press.



Replace "?" with digits.



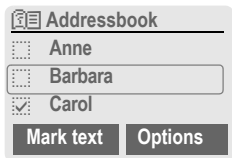
Press, number is dialed.

Highlighting mode

With some applications (e.g. Addressbook) one or more entries in a list can be highlighted to carry out a function jointly.

Options Open menu.

Mark text Activate marking mode.



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

Mark text The current entry is highlighted.

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

Unmark Unmark the current entry.

Highlighting function in options menu:

Options Open menu.

Mark all Highlight all entries.

Unmark all Delete highlighting on all marked entries.

HTTP

(Hypertext Transfer Protocol)

HTTP is the name given to the protocol that governs data transmission in the Internet. Using HTTP connections you can download applications and games (Games & More, page 68) as well as polyphonic ringtones from the Internet. Configuring an HTTP link using the HTTP profile (page 70).

International dialing codes

Many international dialing codes are stored in your phone. In standby mode (0+) not necessary when dialing from the Phonebook):



Hold **down** until a "+" is displayed. This replaces the first two digits of the international dialing code.

+List Press.

Select the required country. The international dialing code is displayed. Now add the national number (in many countries without the first digit) and press the Call key.

JAD ★ and JAR ★

Three file types occur when using Java™:

The JAD file (Java Descriptor)

These files contain information on the application (JAR file) and their address for downloading. By activating a JAD file, the connection to the Internet is established and the executable application is loaded.

The JAR file (Java archive)

This file includes the executable application. By activating a JAR file, the application is started.

Combined files

These files result from JAR files being loaded via JAD files. In this case the JAD file is inserted into the JAR file. The display icon is the same as for JAR files.

The following icons appear when using Java™:



JAD file



JAR file

Java™

Java™ allows you to use numerous games and applications on your mobile phone. You can download these applications from the Internet and install them on your mobile phone. The application can be started after installation. Please refer to the operating instructions for each application.

Siemens does not guarantee that the downloaded and installed Java applications will work well with your mobile phone (page 70).

Message memory full

The SIM memory is full when the message icon flashes. **No** more SMS messages can be received. Delete or save messages (page 48).

Outside your own home network

If you are outside your "home" network your phone will automatically dial a different GSM network (page 102).

Own numbers

You can enter your "own numbers" in the Phonebook (e.g. fax) for information. These numbers can be changed or deleted and also sent as an SMS.

Performance

A full battery will deliver between 60 to 300 hours of standby time or 100 to 360 minutes of talktime.

The length of performance depends on the operating conditions:

Operation carried out	Time (mins)	Decrease in the standby time by
Calling	1	30 - 60 minutes
Display back light *	1	30 minutes
Network search	1	5 - 10 minutes
* key input, games, organizer, etc.		

If the phone is exposed to extreme heat, standby time is reduced considerably. Avoid exposing the phone to direct sunlight or placing it on a radiator.

Phone number memo

You can type in a phone number on the keypad during a phone call. The person you are talking to will hear this. The number can be stored or dialed after the current call has ended.

Phone number/URL in SMS

Phone numbers **highlighted** in the text can be dialed or stored in the Phonebook/Addressbook. URLs (Internet addresses) can be called up directly and the HTTP download started.

To do this the HTTP profile (page 70), or the WAP profile (page 67) must be installed and activated.



Press to dial the phone number/download.

Quick menu selection

All menu functions are numbered internally. By entering these numbers one after the other, the function may be started at once.

E.g. to write a new text message:

Menu

Press.



for **Messages**



for **New SMS**

Service numbers

There may be numbers saved in the Phonebook (<Special books>, <Service numb.>, page 25) that were put there by your service provider. You can call local or nationwide information services or use services of the service provider.

Set Forward

Forward

Forwards the caller to the mailbox, for example, if forwarding **Busy** (page 90) is set and the **Call waiting** (page 90) function is activated.

Signal strength



Strong signal.



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

SIM card problems

You have inserted your SIM card. Despite this, the following message appears:

Please insert your SIM card

Please ensure that the card is **correctly** inserted and the contacts are clean; if necessary, clean them with a dry cloth. If the card is damaged, please contact your service provider.

See also "Questions & Answers" page 124.

SMS Push

This function allows you to call up an Internet address (URL) straight from a text message. After selecting it, the URL is highlighted. By pressing the Call key, the WAP browser is automatically started and the highlighted Internet address is called up.

SMS status report

If the phone was unable to send the message to the service center, a retry option is available. If this attempt also fails, contact your service provider.

The confirmation **Message sent!** only indicates transmission to the service center, which then tries to deliver the message within a certain time-frame.

See also "validity period", page 59.

Software version

To display the software version of your phone in standby mode enter:

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

Switch ringtones on/off



Hold **down**.

In standby mode

All sounds (including the ringtone) can be switched off and then on again.

During a call

Switch off the ringtone only for the **current** call/alarm (not if "Any key answer" page 90 is active): Accepting or refusing the call ends this function.

- The call will still be displayed.
- The silent alert remains active if it has been switched on previously.
- The sound settings will remain unchanged.

The function will end when the mobile is switched off.

Two phone numbers



Special settings can be given to each phone number (e.g. ringtone, call forwarding etc.). Switch to the required number first.

To switch the phone number/line in standby mode:



Press.



Press.

WAP

(Wireless Application Protocol)

WAP is a technical standard that provides the basis for connecting mobile radio networks with the Internet. WAP allows you to surf the Internet using a mobile phone, download games and applications and to use WAP services such as news, stock market data and information services.

Special characters for WAP usage



Press repeatedly for:

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

WAP usage

Start with...

You can set which functions are to be displayed after Internet access:



Open the browser menu.

More ...

Select.

Setup

Select.

Start with... Select, then select from the list:

Start menu

Browser menu

Home

Resume

Bookmarks

Directly enter Internet address (URL)

A WAP page must be shown in the display (online or offline):



Open the browser menu.

Go to URL

Select.



Enter URL and confirm. The connection is established.

Changing the home page

The address of the homepage is set in WAP parameters (page 67).

A WAP page must be shown in the display (online or offline):



Open the browser menu.

More ... Press.

Profiles Select.

Select the profile, for example:

e-Commerce

Select.

Edit

The entry card is displayed.

WAP param.,

then select **Home**



Enter new address. Go to end of entry card.

Save

Press.

Bookmarks (URLs)



The list of bookmarks can contain a maximum of 10 entries or files. Each file can contain further bookmarks or files.

Save:



Open browser menu.

Bookmarks Select.

Online (save):

Add bookmark

The current WAP address is accepted as a bookmark.

Offline (save):

Select.

(Empty)

Menu

Open menu.



New entry Select, enter name/header and URL and confirm.

Save

Press.

To use:



Open the browser menu.

Bookmarks Select.



Select bookmark/file.

Go

The bookmark selected is dialed.

Without SIM card

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

Menu

Press soft key. The functions are displayed.

SOS

Emergency, SOS.

Siemens Data Suite is a software package on the CD-ROM enclosed in this pack. You can use it to increase the functionality of your mobile together with a Windows® PC. Phone and PC are connected with one another via infrared (IrDA) or Bluetooth™ link or a data cable.

Siemens Data Suite contains the modules described briefly below. You will find detailed information in the online help on the CD-ROM.

Data Exchange Software

The Data Exchange software works with Windows® Explorer like an extra drive, and mirrors the contents of the file system (page 84) on your phone.



Mobile

You have these options:

- Access the data in the applications on the phone and synchronize these with the PC by easy drag and drop.
- Convert voice phone messages into the well-known WAV format.

Warning!

When you access the file system, please ensure that no files are deleted that are essential to running applications on the mobile phone, e.g. the "Licenses" index.

Synctool (XTNDConnect® PC)

With this module you can synchronize the organize databases on your phone with your PC. The software synchronizes your phone automatically with Outlook® or Lotus Notes™.

A detailed list of the PIM versions supported can be found in the online help in the **Siemens Data Suite**.

Bitmap Editor

With the Bitmap Editor you can:

- Create a graphic to display instead of the network operator's logo (page 87).
- Create a screensaver (page 86) on the PC and transfer this to your phone.

Contacts management

With Contacts Management you can organize the contacts from your phone's Addressbook and Phonebook and even synchronize these with other phones (including your Siemens DECT handset) or Outlook® on your PC.

You can create new entries on your PC, delete or change entries, and copy these onto your phone. If you don't have Outlook® on your PC, it is possible to import or export a text file.

Messenger

With Messenger you have the convenient option of organizing your SMS activities from your PC:

- Save your text messages on your PC in order to free up memory on your phone.
- You can write messages with your PC and send them by phone.
- Pictures, ringtones or animations that meet the EMS standard can be included in SMS messages (page 115).

Ringtone Editor



You can create your own ringtones with the Ringtone Editor (MIDI files).

GPRS Modem Assistant


The GPRS Modem Assistant enables a GPRS link to be created from a laptop, which gives you Internet access with laptop and mobile while on the road.

If you have questions relating to use of your handset, we are ready to help you at our website www.my-siemens.com/customer-care around the clock. For your information 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.
	Battery empty.	Charge battery. Check charging indicator in display.
	Battery contacts dirty.	Clean contacts.
	See also below under "Charging error"	
Standby time is too short.	Frequent use of organizer and games.	Restrict use if necessary.
	Speed search activated.	Deactivate speed search (page 103).
	Display illumination on.	Switch off display illumination (page 87).
	Unintentional keystrokes (illumination!).	Activate key lock (page 90).
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.
	Temp. out of range 41 °F to 104 °F.	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 device interface, clean them if necessary, then insert battery again.
	No power supply.	Use different power socket, check power supply.
	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.	Move higher, to a window or an open space.
	Outside GSM range.	Check service provider's coverage area.
	Invalid SIM card.	Complain to the service provider.
	New network not authorized.	Try manual selection or select a different network (page 102).
	Network barred.	Check network barrings (page 101).
	Network overloaded.	Try again later.
Phone loses network.	Signal too weak.	Reconnection to another service provider is automatic (page 102). Switching phone off and on again can speed this up.
Calls not possible.	Second line set.	Set first line  (page 102).
	New SIM card inserted.	Check for new barrings.
	Charge limit reached.	Reset limit with PIN 2 (page 34).
	Credit used up.	Load credit.
Certain uses of phone not possible.	Call restrictions in place	Barrings can be set by service provider. Check barring (page 101).
No entries in Addressbook possible.	Phonebook is full.	Delete entries in Phonebook or transfer to Addressbook (page 25).
Voice mail not functioning	Call forwarding to mailbox not set.	Set call forwarding to mailbox (page 90).
SMS (text message)  flashing.	SMS memory is full.	To free up capacity, delete (page 48) or file (page 48) text 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.	Handset memory full.	Delete files in the relevant areas.
No WAP access, downloading not possible.	Profile not activated, profile settings wrong/incomplete.	Activate (page 67), set (page 67) WAP profile or HTTP profile (page 70). 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 center not set or incorrect.	Set service center (page 59).
	SIM card contract does not support this service.	Contact your service provider.
	Service center overloaded.	Repeat message.
	Recipient does not have a compatible phone.	Check.
EMS pictures and sounds not displayed at 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 ask contact 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 127).
Service provider Code failure.	No authorization 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 99).
	No authorization 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 (see also page 92): * # 9 9 9 9 # 

Simple, straightforward support for technical and operational queries is available from our online support service on the Internet: www.my-siemens.com/customer care or in the "Questions & Answers" section, page 124.

If repair work is necessary please contact one of our service centres. In some countries repair and replace services are impossible where the products are not sold through our authorised dealers.

Abu Dhabi	0 26 42 38 00	Lithuania	8 52 74 20 10
Argentina	0 80 08 88 98 78	Luxembourg	43 84 33 99
Australia	13 00 66 53 66	Macedonia	02 13 14 84
Austria	05 17 07 50 04	Malaysia	+ 6 03 77 12 43 04
Bahrain	40 42 34	Malta	+ 35 32 14 94 06 32
Bangladesh	0 17 52 74 47	Mauritius	2 11 62 13
Belgium	0 78 15 22 21	Mexico	01 80 07 11 00 03
Bolivia	0 21 21 41 14	Morocco	22 66 92 09
Bosnia Herzegovina	0 33 27 66 49	Netherlands	0 90 03 33 31 00
Brazil	0 80 07 07 12 48	New Zealand	08 00 27 43 63
Brunei	02 43 08 01	Nigeria	0 14 50 05 00
Bulgaria	02 73 94 88	Norway	22 70 84 00
Cambodia	12 80 05 00	Oman	79 10 12
Canada	1 88 87 77 02 11	Pakistan	02 15 66 22 00
China	0 21 50 31 81 49	Paraguay	8 00 10 20 04
Croatia	0 16 10 53 81	Philippines	0 27 57 11 18
Czech Republic	02 33 03 27 27	Poland	08 01 30 00 30
Denmark	35 25 86 00	Portugal	8 08 20 15 21
Dubai	0 43 96 64 33	Qatar	04 32 20 10
Egypt	0 23 33 41 11	Romania	02 12 04 60 00
Estonia	06 30 47 97	Russia	8 80 02 00 10 10
Finland	09 22 94 37 00	Saudi Arabia	0 22 26 00 43
France	01 56 38 42 00	Serbia	01 13 22 84 85
Germany *	0 18 05 33 32 26	Singapore	62 27 11 18
Greece	0 80 11 11 11 16	Slovak Republic	02 59 68 22 66
Hong Kong	28 61 11 18	Slovenia	0 14 74 63 36
Hungary	06 14 71 24 44	South Africa	08 60 10 11 57
Iceland	5 11 30 00	Spain	9 02 11 50 61
India	22 24 98 70 00 Extn: 70 40	Sweden	0 87 50 99 11
Indonesia	0 21 46 82 60 81	Switzerland	08 48 21 20 00
Ireland	18 50 77 72 77	Taiwan	02 23 96 10 06
Italy	02 66 76 44 00	Thailand	0 22 68 11 18
Ivory Coast	05 02 02 59	Tunisia	71 86 19 02
Jordan	0 64 39 86 42	Turkey	0 21 65 79 71 00
Kenya	2 72 37 17	Ukraine	8 80 05 01 00 00
Kuwait	2 45 41 78	United Arab Emirates	0 43 31 95 78
Latvia	7 50 11 18	United Kingdom	0 87 05 33 44 11
Lebanon	01 44 30 43	USA	1 88 87 77 02 11
Libya	02 13 50 28 82	Vietnam	45 63 22 44

Zimbabwe04 36 94 24

Note

When calling customer service, please have ready your receipt and the phone identity number (IMEI, to display press ***#06#**), the software version (to display press ***#06#**, then **Info**) and if available, your Siemens Service customer number.

Basics

Li-Ion Battery 700mAh EBA-510

L36880-N5601-A100

Spare battery.

Travel Charger

ETC-500 (Euro): L36880-N5601-A104

ETC-510 (UK): L36880-N5601-A105

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

Desk Top Charger EDC-510

L36880-N4501-A101

The desktop charger enables convenient charging of the mobile phone and an additional battery.

Headset PTT HHS-510

L36880-N5601-A108

Headset with PTT key to activate voice recognition and to accept and end calls.

Carry Set FCS-510

L36880-N5601-A119

Includes a belt clip and a retaining clip for discreetly fastening the mobile phone on clothes or in a bag.

Carrying Cases

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

Data/Applications

Data Cable DCA-500

L36880-N5601-A110

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

Data Cable USB DCA-510

L36880-N5601-A111

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

SyncStation DSC-500

L36880-N5601-A103

Table cradle for your mobile phone. Allows data exchange and simultaneously charges the phone via the power supply unit. Features a desktop charger, a data cable (USB) and a Y adapter.

Innovations

QuickPic Camera IQP-500

L36880-N5701-A109

Camera that plugs into the mobile phone. Allows you to take photos and send them via the mobile phone to other mobile phones using MMS or via email to a PC. Integrated flashlight that can be switched on or off as required.

Headset PTT Bluetooth™ HHB-500

L36880-N5701-A107

Smart and convenient headset with no cable to get in the way. Can be used on any phone that supports the Bluetooth™ headset profile.

SIEMENS

Original
Accessories

Original Siemens Accessories

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

Car Solutions

Car Charger ECC-500

L36880-N5601-A106

Charger for the cigarette lighter socket in the car.

Car Kit Portable HKP-500

L36880-N5601-A109

Handsfree kit with integrated loudspeaker and microphone and auto answer feature. Simply plug into the cigarette lighter socket. Ideal for easy transfer between vehicles.

Mobile Holder HMH-500

L36880-N5601-A116

Cradle without antenna port.

Mobile Holder Antenna HMH-510

L36880-N5601-A117

Mobile holder for connecting an external antenna. Ideal in combination with Headset PTT or Car Kit Portable.

Basic Car Pack HKB-500

L36880-N5601-A118

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

Car Kit Comfort HKC-501

L36880-N5701-A100

Handsfree kit with first-class digital call quality and supreme ease of use. Includes all components needed for installation. An individual antenna solution can be obtained from your specialist dealer.

Car Kit Professional Voice

HKV-510 (English): L36880-N5701-A102

HKV-520 (French): L36880-N5701-A103

HKV-500 (German): L36880-N5701-A101

Handsfree kit with voice recognition, capacity for more than 150 names. Electronics box with connection for fax and e-mail transmission via your notebook. Includes all components needed for installation. An individual antenna solution can be obtained from your specialist dealer.

Car Kit Upgrade HKO-500

L36880-N5701-A104

Mobile Holder for upgrading your handsfree Car Kit Comfort and Car Kit Voice I.

Car Kit Upgrade HKO-510

L36880-N5701-A105

Mobile Holder for upgrading your handsfree Car Kit Voice II.

Optional Car Kit accessories

Car Handset HKO-550:

L36880-N3015-A123

VDA Adapter Cable HKO-560:

L36880-N4001-A121

Car Data Adapter HKO-530:

L36880-N5701-A108

Push To Talk Key HKO-520:

L36880-N4501-A135

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

SIEMENS

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

Exposure to radiofrequency signals

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radiofrequency (RF) signals.

In August 1996, The Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

- American National Standards Institute (ANSI) C95.1 (1992)
- National Council of Radiation Protection and Measurement (NCRP) Report 86 (1986)
- International Commission of Non-ionizing Radiation Protection (IC-NIRP) 1996
- Ministry of Health (Canada) Safety Code 6

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards). For additional information concerning exposure to radio frequency signal, see the statement by the FDA at the end of this user guide.

Technical data

GSM class:	4 (33 dBm - 850 MHz) 1 (30 dBm - 1.900 MHz)
BlueTooth™ class:	2 (1 mW)
Frequency range:	824 - 894 MHz 1.850 - 1.990 MHz 2.402-2.4835 GHz
Weight:	83 g / 2.96 oz.
Dimensions:	101x44/41x21 mm (69 ccm)
Lilon battery:	700 mAh
Operating temperature:	14 °F to 131 °F
SIM card:	plug-in 3 V / 1.8 V
Standby Time:	up to 300 hours
Talk Time:	up to 6 hours

Trademarks



CPS is a trademark of Cambridge Positioning Systems Limited.

Maintenance tips

- The SIM card should be treated with the same care as a cheque guarantee card. Do not bend or scratch it or expose it to static electricity.
- Clean the card with a damp cloth or an antistatic wipe without chemical cleaning agents.
- Protect the phone from moisture and shocks. Do not expose your phone to direct sunlight.
- Remove the battery if you are not going to use the phone for extended periods of time (more than one month).

Phone ID

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

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

.....

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

.....

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.



The U.S. Food and Drug Administration's (FDA) Center for Devices and Radiological Health Consumer Update on Mobile Phones

FDA has been receiving inquiries about the safety of mobile phones, including cellular phones and PCS phones. The following summarizes what is known — and what remains unknown — about whether these products can pose a hazard to health, and what can be done to minimize any potential risk. This information may be used to respond to questions.

Why the concern?

Mobile phones emit low levels of radio frequency energy (i.e., radio frequency radiation) in the microwave range while being used. They also emit very low levels of radio frequency energy (RF), considered non-significant, when in the stand-by mode. It is well known that high levels of RF can produce biological damage through heating effects (this is how your microwave oven is able to cook food). However, it is not known whether, to what extent, or through what mechanism, lower levels of RF might cause adverse health effects as well. Although some research has

been done to address these questions, no clear picture of the biological effects of this type of radiation has emerged to date. Thus, the available science does not allow us to conclude that mobile phones are absolutely safe, or that they are unsafe. However, the available scientific evidence does not demonstrate adverse health effects associated with the use of mobile phones.

What kinds of phones are in question?

Questions have been raised about hand-held mobile phones, the kind that have a built-in antenna that is positioned close to the user's head during normal telephone conversation. These types of mobile phones are of concern because of the short distance between the phone's antenna — the primary source of the RF — and the person's head. The exposure to RF from mobile phones in which the antenna is located at greater distances from the user (on the outside of a car, for example) is drastically lower than that from hand-held phones, because a person's RF exposure decreases rapidly with distance from the source. The safety of so-called "cordless phones," which have a base unit connected to the telephone wiring in a house and which operate at far lower power levels and frequencies, has not been questioned.

How much evidence is there that handheld mobile phones might be harmful?

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

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

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

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

When 20 types of glioma were considered separately, however, an association was found between mobile phone use and one rare type of glioma, neuroepitheliomatous tumors. It is possible with multiple comparisons of the same sample that this association occurred by chance. Moreover, the risk did not increase with how often the mobile phone was used, or the length of the calls. In fact, the risk actually decreased with cumulative hours of mobile phone use. Most cancer causing agents increase risk with increased exposure. An ongoing study of brain cancers by the National Cancer Institute is expected to bear on the accuracy and repeatability of these results.¹

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

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

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

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

In summary, we do not have enough information at this point to assure the public that there are, or are not, any low incident health problems associated with use of mobile phones. FDA continues to work with all parties, including other federal agencies

and industry, to assure that research is undertaken to provide the necessary answers to the outstanding questions about the safety of mobile phones.

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

Some people who have used mobile phones have been diagnosed with brain cancer. But it is important to understand that this type of cancer also occurs among people who have not used mobile phones. In fact, brain cancer occurs in the U.S. population at a rate of about 6 new cases per 100,000 people each year. At that rate, assuming 80 million users of mobile phones (a number increasing at a rate of about 1 million per month), about 4800 cases of brain cancer would be expected each year among those 80 million people, whether or not they used their phones. Thus it is not possible to tell whether any individual's cancer arose because of the phone, or whether it would have happened anyway. A key question is whether the risk of getting a particular form of cancer is greater among people who use mobile phones than among the rest of the population. One way to answer that question is to compare the usage of mobile phones among people with brain cancer with the use of mobile phones among appropriately matched people without brain cancer. This is

called a case-control study. The current case-control study of brain cancers by the National Cancer Institute, as well as the follow-up research to be sponsored by industry, will begin to generate this type of information.

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

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

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

- Support needed research into possible biological effects of RF of the type emitted by mobile phones;
- Design mobile phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and

- Cooperate in providing mobile phone users with the best possible information on what is known about possible effects of mobile phone use on human health.

At the same time, FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of mobile phone safety to ensure a coordinated effort at the federal level. These agencies are:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Health and Safety Administration
- National Telecommunications and Information Administration

The National Institutes of Health also participates in this group.

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

If there is a risk from these products — and at this point we do not know that there is — it is probably very small. But if people are concerned about avoiding even potential risks, there are simple steps they can take to do so. For example, time is a key factor in how much exposure a person receives. Those persons who spend long periods of time on their

hand-held mobile phones could consider holding lengthy conversations on conventional phones and reserving the hand-held models for shorter conversations or for situations when other types of phones are not available.

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

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

Where can I find additional information?

For additional information, see the following websites:

- Federal Communications Commission (FCC) RF Safety Program (select “Information on Human Exposure to RF Fields from Cellular and PCS Radio Transmitters”): <http://www.fcc.gov/oet/rfsafety>.

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

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

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

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

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

Your phone may cause TV or radio interference (for example, when using a telephone in close proximity to receiving equipment). The FCC or Industry Canada can require you to stop using your telephone if such interference cannot be eliminated. If you require assistance, please contact your local service facility.

This device complies with part 15 of the FCC rules. Operation is subject to the condition that this device does not cause harmful interference.



Your Siemens wireless phone gives you the power to communicate by voice — almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

Get to know your phone and its features such as speed dial and redial.

Carefully read your instruction manual and learn to take advantage of valuable features most phones offer including, automatic redial and memory dial — most phones can store up to 99 numbers in memory dial. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.

When available, use a hands-free device.

A number of hands-free wireless phone accessories are readily available today. Whether you choose an installed mounted device for your phone or a speaker phone accessory, take advantage of these devices if they are available to you.

Position your phone within easy reach.

Make sure you place your wireless phone within easy reach and where you can grab it without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.

Suspend conversations during hazardous driving conditions or situations.

Let the person you are speaking to know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.

Do not take notes or look up phone numbers while driving.

If you are reading an address book or business card while driving a car, or writing a "to do" list, then you are not watching where you are going. It's common sense. Don't get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.

Dial sensibly and assess the traffic.

If possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip, or attempt to coincide your calls with times you may be stopped at a stop sign, red light or otherwise stationary. But if you need to dial while driving, follow this simple tip — dial only a few numbers, check the road and your mirrors, then continue.

Do not engage in stressful or emotional conversations that may be distracting.

Stressful or emotional conversations and driving do not mix — they are distracting and even dangerous when you are behind the wheel. Make people you are talking with aware you are driving and if necessary, suspend phone conversations that have the potential to divert your attention from the road.

Use your phone to call for help.

Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations — with your phone at your side, help is only three numbers away. Dial 9-1-1 in the case of fire, traffic accident, road hazard, or medical emergency. Remember, it is a free call on your wireless phone.

Use your phone to help others in emergencies.

Your wireless phone provides you a perfect opportunity to be a “good Samaritan” in your community. If you see an auto accident, crime in progress or other serious emergencies where lives are in danger, call 9-1-1, as you would want others to do for you.

Call roadside assistance or a special wireless non-emergency assistance number when necessary.

Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call to 9-1-1. But you can still use your wireless phone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless numbers.

“The wireless industry reminds you to use your phone safely when driving.”

For more information, please call 1 (888) 901-SAFE, or visit our Web site at: www.wow-com.com

Provided by the Cellular Telecommunications Industry Association (CTIA)

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A

Accepted calls (call list)	33
Accessories	129
Addressbook	
call entry	30
new entry.....	28
read entry	29
Agenda	36
Alarm	73
appointment.....	38
switch off	39
type.....	39
All calls (diversion).....	91
All calls (Duration/costs).....	34
All incoming (network barring)...	101
Answering service (external).....	63
Any key (call accept).....	90
Application, download	68
Appointments.....	37
Archive (SMS)	48
Audio	88
Authentication	99
Auto display	
CB.....	64
time	94
Time/costs.....	34
Auto redial previous numbers	19
Auto timezone.....	94

B


Babysitter	22
Band selection	103
Battery	
charge	10
insert	9
operating times.....	118
quality declaration.....	114
Birthday	
Addressbook.....	29
calendar	37

Bitmap editing.....	122
Bluetooth™	95, 106
Bookmarks (WAP)	65
Browser, WAP	66
Business card.....	24

C

Calculator	73
Calculator functions	73
Calendar.....	35
Call	
accept/finish.....	19
barring	101
charges	34
conference	21
end	18
fowarding.....	90
hold	20
menu.....	22
reject.....	20
several simultaneously	21
swap (change)	21
Call back.....	19
Call forwarding	22, 90
Call lists	33
Call waiting.....	21
Camera.....	76
Car	
accessories	130
Car Kit	
accessories	130
setting.....	104
CB services.....	64
Cell Broadcast (CB)	64
Charges/units	34
Charging battery.....	10
Clock.....	93
Close-down animation.....	87
Color scheme	86
Command (voice control).....	78

-
- Conference 21
 - Connection profile 98
 - Contacts management 123
 - Contrast (display) 87
 - Costs 34
 - Countdown 76
 - Credit limit 34
 - (Time/costs) 34
 - CSD 114, 115
 - data 98
 - Currency converter 74
 - D**
 - Data exchange (settings) 94
 - Data Exchange Software 122
 - Data objects 108
 - Date format 94
 - Dialing with number keys 18
 - Dial-up access (connection) 98
 - Dictating machine 42
 - Display 113
 - color scheme 86
 - contrast 87
 - icons 113
 - large letters 87
 - lighting 87
 - settings 86
 - Display URL (WAP) 66
 - Diversion 90
 - Driving safety 140
 - DTMF tones (tone code) 114
 - Duration/costs 34
 - E**
 - E-mail
 - lists 57
 - profile 61
 - receive 56
 - write 55
 - Emergency number 115
 - EMS 115
 - Entry no. (Phonebook) 25
 - Extras 73
 - F**
 - Factory settings 92
 - Fast access key 81
 - Fast network search 103
 - Fax/data operation 99
 - File system 84
 - Filter
 - Addressbook entries 30
 - Incoming calls 89
 - Flashlight 77
 - Folder (file system) 85
 - Forwarding (call) 22
 - Frequency band 103
 - G**
 - Games & More 68
 - Games (download) 68
 - Getting started 9
 - GPRS
 - modem assistant 123
 - settings 98
 - switch on/off 94
 - Group 32
 - SMS to group 46
 - H**
 - Handset volume 18
 - Handsfree function 20
 - Headset
 - accessories 129
 - setting 104
 - Hide ID 90
 - Highlighting mode 116
 - Hold call 20
 - Home network 102
 - Hotline Siemens 127
 - HTTP 116

-
- HTTP profile 70
 - I**
 - Icons 113
 - Identity number (IMEI) 93
 - Illumination (display) 87
 - Import via IrDA, Bluetooth™ 108
 - Inbox
 - e-mail 57
 - MMS 53
 - SMS 47
 - Index (file system) 84
 - Information services (CB) 64
 - Infrared (IrDA) 95, 105
 - Input language (T9) 110
 - International dialing code 116
 - Internet 65
 - J**
 - JAD/JAR file 117
 - Java 117
 - K**
 - Key lock 90
 - Key tones 90
 - Keypad (settings) 90
 - L**
 - Large letters (display) 87
 - Last 10 only 100
 - Logo, provider logo 86
 - Lost phone, SIM card 132
 - M**
 - Mailbox 63
 - Maintenance tips 132
 - Memory 117
 - Menu
 - control 13
 - My menu 83
 - Speed dialing 118
 - Message
 - CB 64
 - e-mail 55
 - MMS 49
 - SMS 44, 46
 - Messenger 123
 - Microphone on/off 22
 - Minute beep 89
 - Missed appointments 41
 - Missed calls (call list) 33
 - MMS
 - lists 53
 - profile 60
 - receive 52
 - write 49
 - Muting (microphone) 22
 - My menu 83
 - My phone 17
 - N**
 - Network
 - barring 101
 - connection 102
 - settings 102
 - New folder (file system) 85
 - Notes 40
 - Notes A-Z 114
 - Number busy 19
 - Numbers dialed (call list) 33
 - O**
 - Only 
 - Only this SIM 100
 - Operating times of battery 118
 - Organizer 35
 - Own (phone) number 117
 - P**
 - Phone (settings) 90
 - Phone barring 100
 - Phone code 15
 - Phone identity number. (IMEI) 93

-
- Phone number transfer on/off..... 90
 - Phone switches off
 - automatic..... 93
 - Phonebook
 - archive site 27
 - call 26
 - new entry..... 25
 - Pictures and sounds (SMS) 45
 - PIN
 - change 15
 - enter 11
 - Error..... 126
 - use 15
 - PIN 2 15
 - POP3 61
 - Preferred Phonebook..... 24
 - Prefix..... 18
 - Prevent accidental activation 16
 - Print via 105
 - Profiles
 - e-mail 61
 - HTTP 70
 - MMS 60
 - phone 71
 - SMS..... 59
 - WAP 67
 - Provider logo 86
 - PUK, PUK2 15
 - Q**
 - Questions & Answers..... 124
 - R**
 - Redial previous number 18
 - Reminder..... 19
 - Remote synchronization 79
 - Ringtone editor 123
 - Ringtones 89
 - S**
 - Safety precautions 3
 - Screensaver 86
 - Second call 21
 - Second phone number 102
 - Security 15, 100
 - Security numbers..... 15
 - Send via 105
 - Service center (SMS) 59
 - Service numbers (Siemens)..... 127
 - Service tones..... 89
 - Set ringtone..... 88
 - Set time/date..... 93
 - Settings
 - accessories 104
 - audio 88
 - clock 93
 - data exchange 94
 - display..... 86
 - diversion 90
 - keypad 90
 - network 102
 - phone..... 90
 - security 100
 - Siemens City portal 17
 - Siemens Data Suite 122
 - Signal strength..... 119
 - Silent alert 88
 - SIM card
 - insert..... 9
 - problems 119, 124
 - remove barring 16
 - SIM services (optional)..... 80
 - SMS
 - archive 48
 - lists 47
 - pictures and sounds..... 45
 - profile 59
 - read 46
 - T9 input 110
 - to group..... 46

write	44
SMTP	62
Software version	119
SOS	115
Special characters	109
Speed dialing keys	82
Standard values	92
Standby mode	12
Standby time	118
Start menu (WAP)	65
Start-up animation	87
Stopwatch	75
Surf & Fun	65
Swap	21
Switch off phone	
automatic	93
manual	11
Switch on	11
Synctool	122

T

T9

suggested words	111
text input	110
Talktime (battery)	118
Tasks	39
Technical data	131
Text blocks	110
Text input with T9	110
Text input without T9	109
Text message (SMS)	44
Time zones	93
Tone code (DTMF)	114

U

Unanswered calls	91
Upper and lower cases	109
User group	103

V

Validity	
----------	--

MMS	60
SMS	59
Voice command	78
Voice dialing	31
Voice mail (mailbox)	63
Volume	
handset	18
profiles	71
ringtone	88

W

WAP

browser	66
operating tips	120
parameters	67
Warning tones	89
Welcome text	87

X

XTNDConnect® PC	122
-----------------------	-----