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Safety precautions

Switch off in hospitals or in the vicinity of medical devices e.g. pacemakers or hearing aids. Mobile phones can interfere with the function of these devices. A minimum distance of 20 cm between pacemaker and mobile phone should be kept. When using the mobile phone hold it to the ear which is farther removed from the pacemaker.

Always use the handsfree kit for calls while driving (p. 101)!

Mobile phones must be switched off at all times in an aircraft. To prevent accidental activation, see p. 73.

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

The ring tone and hands-free speaker are reproduced through the earpiece. Never hold the handset to the ear when the handset is ringing or when using the hands-free speaker mode. Serious and permanent damage could occur to your hearing!

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

The mains voltage specified on the power supply unit must not be exceeded.

We recommend you use only original Siemens batteries (100% mercury-free) and charging devices. Otherwise considerable health risks and damage to the product cannot be excluded.

Neither the phone nor the battery (100% mercury-free) may be opened under any circumstances (except when exchanging the battery, SIM card or top shell). Any other changes to this device are strictly prohibited, as they will invalidate the type approval criteria required for operation of the unit.

Please note:

Dispose of used batteries and phones according to the legal regulations.

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

We recommend you use only original Siemens accessories to avoid possible damage and to comply with the existing regulations.

Improper use invalidates the warranty!

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Important

Read this information before using your wireless handheld phone.

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

Antenna care

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

Phone operation

Normal position

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

Tips on efficient operation

For your phone to operate most efficiently:

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

Driving

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

- Give full attention to driving — driving safely is your first responsibility;
- Use hands-free operation, if available;
- Pull off the road and park before making or answering a call, if driving conditions so require.

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For vehicles equipped with Air Bags

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

Electronic devices

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

Pacemakers

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

Persons with pacemakers:

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

Hearing Aids

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

Other Medical Devices

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

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

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Vehicles

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

Posted Facilities

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

Airplanes

FCC and Airline Regulations prohibit using your phone while in the air. Turn your phone OFF before boarding an airplane.

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

Blasting areas

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

Potentially explosive atmospheres

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

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

Emergency calls (SOS)

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

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

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

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

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

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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 multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station 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**.

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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

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Overview of the phone

Loudspeaker

Display indicators

Signal strength/
GPRS available/
battery level.

Control key

See next page

Microphone

Integrated antenna

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

Number keys

Digits, letters

Plus-minus key

- During a call:
  Volume loud-quiet.
- In menus, lists and WAP pages:
  Scroll up and down.

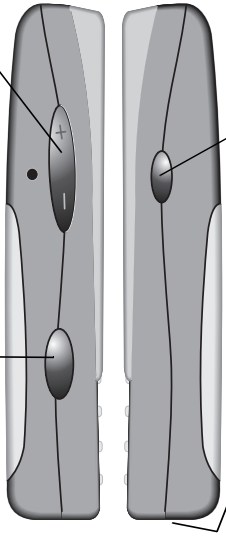
In standby mode:

Press ⊕ key **briefly**:
Display profile selection box

Hold **down** ⊖ key:
Start voice control

Infrared interface

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



Dictation key

(in standby mode):

Hold down:

Start the recording

Press **briefly**:

Play back the recording.

Device interface

Connection for charger, headset etc.

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4 Overview of the phone

Soft keys

The current functions of these keys are displayed in the bottom line of the display as text or icons. These keys display the quick selection and menu in standby mode. Factory default:

New SMS or e.g. (SIM service) and Menu (main menu).

Call key

Select displayed phone number or name, accept calls. Display last calls in standby mode.

Hold down

In standby mode:

Switch on/off all ring tones (except alarm clock).

If there is an incoming call:

Switch off ringer only.

On/Off/End key

Press briefly:

End call/function and return to standby mode. In menus: one menu level back.

Hold down:

Switch on/off phone.

From menus: Return to standby mode.

Hold down

In standby mode:

Switch on and off key lock.

Control key

In standby mode

- ▲ Voice dialling.
- ▼ Open Address/Phonebook.
- ▶ Open menu.
- ◀ Info (e.g. GPRS info).

In lists and menus

- ▲▼ Scroll up and down.
- ▶ Function call.
- ◀ Menu level back.

During a call

- ▲▼ Control volume.
- ▶ Open call menu.

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 discolouration at the edges of the display. However this will disappear within 10 minutes.

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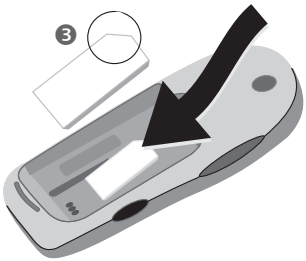
Insert SIM card/battery

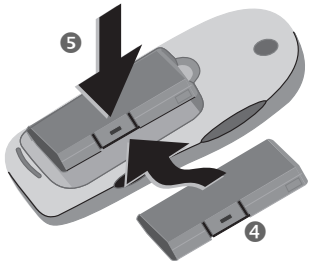
The service provider supplies you with a SIM card on which all the important data for your line is stored. If the SIM card has been delivered in credit card size, snap the smaller segment out and remove any rough edges.

- Press cover in the direction indicated by the arrow ❶, then lift cover ❷.

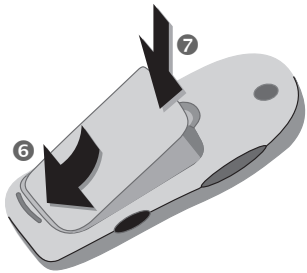
- Insert SIM card in the opening with contacts **pointing downwards** and push gently until it engages (make sure the angled corner is in the correct position ❸).



- Insert battery into the phone sideways ❹, then press downwards ❺, until it engages.



- Insert cover in the lower edge ❻, then press downwards ❼, until it engages.



Note

Always switch off phone before removing the battery!

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

Functions without SIM card ..... S. 111

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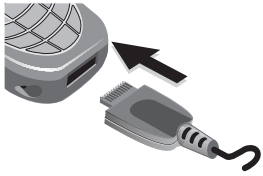
Charge battery

The battery is not fully charged when delivered. Plug in the charger cable at the bottom of the phone, plug in the power supply unit to the mains 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 5°C to 40°C (the charge icon flashes as a warning when the temperature is 5°C above/below this range). The mains voltage specified on the power supply unit must not be exceeded.

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.

Note

The charger heats up when used for long periods. This is normal and not dangerous.

Operating times.....p. 107

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User guide

The following symbols 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 depends on the service provider, special registration may be necessary.

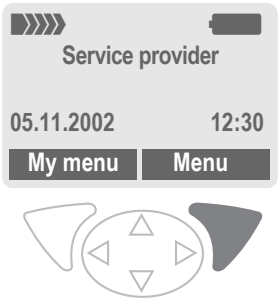
Soft keys

Steps for calling a function are shown in a **condensed form in this user guide**, e.g.: to display the call list for missed calls:

Menu ➞ Records ➞ Missed calls

This corresponds to:

❶



Menu
Open menu.

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

❷

Select **Records**.

Press control key **at the top**.

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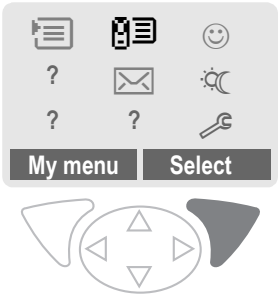
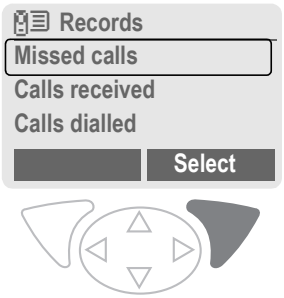
3



Select Press.

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

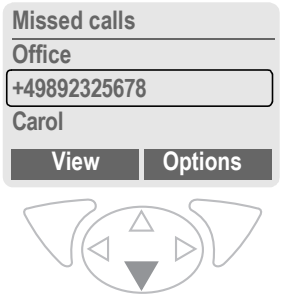
4



Select Press.

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

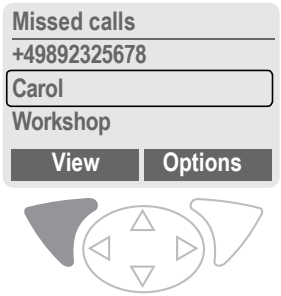
5



Scroll to the required entry.

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

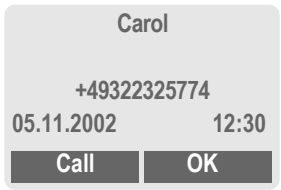
6



View Press.

Press **left** soft key to display the phone number with date and time.

7



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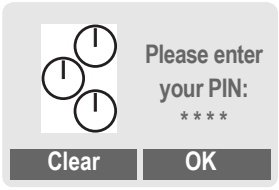
Switch on, off

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 your PIN code using the number keys (shown as a series of asterisks; if you make a mistake press **Clear**.



OK Confirm the input with the right key (press on the outside). Logging on to the network will take a few seconds.

Switching on your phone for the first time

Phonebook or Addressbook

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

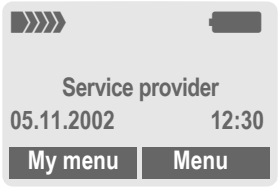
You can copy the SIM card Phonebook to the Addressbook on the phone. Please do **not** interrupt this procedure. Do **not** accept incoming calls at this time. Follow the instructions on the display. To copy the data on the SIM card later, use the "Copy all to" function in the Phonebook (p. 29) or Addressbook (p. 32) menu.

Contrast, time/date

Set the display contrast.

Set time/date (p. 92).

Standby mode



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

Note

Signal strength ..... p. 108
SIM services (optional) ..... p. 109
New SMS ..... p. 46
SOS ..... p. 103
Setting: Addressbook or Phonebook . p. 26
Change PIN ..... p. 18
SIM card problems ..... p. 108
Clear SIM card barring ..... p. 123
Other network ..... p. 99

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

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

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

Menu ➜ **Setup** ➜ **Security** ➜ then select a function.

Codes

PIN control

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

Enter **current** PIN.

OK Press.

, **OK** Enter **new** PIN.

, **OK** Repeat **new** PIN.

Change PIN2

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

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ChangePhonecode

You define and enter the phonecode (4-8 digits) when you call up a phone code protected function for the first time (e.g. babysitter, p. 25). It is then valid for all phone code protected functions.
If it is entered incorrectly three times, the phone is barred. When this is the case, please contact Siemens Service p. 124.

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 PUK (MASTER PIN) has been lost, please contact your service provider.

Note

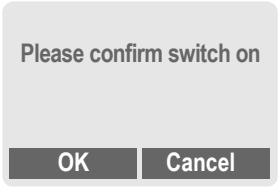
Screensaver ..... p. 85
Key lock ..... p. 88
Further security settings ..... p. 97

Prevent accidental activation

Even if PIN entry is deactivated (see p. 18), confirmation is required to switch on the phone.

This prevents the phone from being accidentally activated, e.g. when you are carrying it in a bag or when you are travelling in an aircraft.

Hold **down**.



OK Press to switch on the phone.

Cancel Press (or no further input) to stop switch-on procedure. The phone does not switch on.

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My phone

Your phone offers a number of functions so that you can adapt it to meet your personal requirements.

Ring tones

Assign individual ring tones to caller groups or anniversaries (p. 87).

Animations, screensaver, logos, applications

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

To switch on

You can create an animation (p. 85) and a greeting (S. 86) that is displayed when you switch on the phone.

Screensaver (p. 85)

You can set an analogue clock or an individual picture as screensaver.

(Provider) logo (p. 86)

Choose a personal picture (display in standby mode).

Applications (p. 69)

Download your own applications from the Internet.

Where do I get what?

You can order additional ring tones, logos and screensavers on the Internet and receive them via SMS:

www.my-siemens.com/ringtones

www.my-siemens.com/logos

www.my-siemens.com/screensaver

Or you can directly download them via WAP:

wap.my-siemens.com

Siemens City Portal

Further services for your mobile phone (e.g. a Photo Logo Composer to create the personal pictures for the Addressbook) can be found at:

www.my-siemens.com/city

The Siemens City Portal also offers 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 (p. 82).

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Dialling with number keys

The phone must be switched on (standby mode).

Enter the number (always with prefix, if necessary with the international dialling code).

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

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

End call

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

Set volume

You can adjust the handset volume with the control key (at the top/at the bottom) or the side key on the left (only during the call).

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

Redial previous numbers

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

Press the Call key **twice**.

To redial other numbers that were dialled previously:

Press the Call key once.

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

... to dial.

Note

, Store number....p. 29, p. 32
Options Call lists .....p. 35
Hold .....p. 23
menu Call menu .....p. 25
Divert Divert set .....p. 89
Handsfr. Handsfree .....p. 23
Microphone off .....p. 25
Voice dialling .....p. 33
Auto key lock .....p. 88
Phone number transmission off/on (Hide ID).....p. 89
International dialling codes.....p. 106
Phone number memo.....p. 108
Control codes (DTMF).....p. 103

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When a number is busy

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

Either

Auto redial previous numbers

Auto dial Press. The number is automatically dialled 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

Merker 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.

If the phone number has been transmitted by the network, it is displayed. If it is stored in the Address-book/Phonebook, the corresponding name is displayed instead. If set, a picture can be displayed instead of the bell icon (p 30).

Reject call

Reject Press. The call may be diverted if this has been set previously (p 89).

Or

Press **briefly**.

Note

Missed calls ..... p. 35

Accept call using any key ..... p. 88

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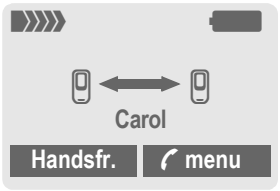
Handsfree

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



Handsfr. Activate handsfree function.

Yes Switch on.

Control volume.

Handsfr. Deactivate.

Note

To avoid damage to hearing **always deactivate the handsfree function** before holding the phone to your ear!

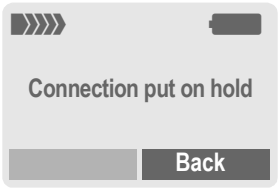
menu Call menu ..... p. 25

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 phone number. If the new connection has been established:

menu Open call menu.

Swap Swap back and forth between the calls.

Open Phone/Addressbook.

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Call waiting/Swap

You may need to register for this service with your service provider and set your phone accordingly (p 89).

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 place the current call on hold. To swap between the two calls, proceed as above.

End the current call:

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

Yes Return to the held call.

Or

No The held call is ended.

Reject waiting call

Reject Reject the waiting call.

Or

Divert The waiting call will be diverted to the mailbox for example.

End current call

End the current call.

Reply Accept the new call.

Conference

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

menu Open menu and select **Hold**. The current call is put on hold. Now dial a new number. When the new connection is established ...

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

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

End

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

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Call menu

The following functions are only available during a call:

menu Open menu.

Swap	(p 24)
Hold	(p 24)
Micro-phone	Switch microphone on/off. If switched off, the person on the other end of the line cannot hear you (muting). Alternatively: Hold down.
Handsfree	(p 23)
Volume	Adjust handset volume.
Confe-rence	(p 24)
Duration/ charges	While the connection contin-ues, the call duration and (if set, p. 36) the charge details are displayed.
Send DTMF to-nes	(p 103)
Call trans-fer !	The original call is joined to the second one. For you, both calls are now ended.
Main menu	Access to the main menu.
Call status	List all held and active calls (e.g. participants in a conference).

Babysitter

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

Hold **down** the **right** soft key.

Switch on

Menu ➞ **Setup** ➞ **Security** ➞ **Babysitter**

Select Press.

Enter phone code:

You define and enter the phone code (4 - 8 digit) when first prompted.
Please do not forget this code!

OK Confirm input.

Change Press.

/ Select number from the Addressbook (p 31) or Phonebook (p 28) or enter a new number.

OK Confirm "On".

Switch off

Hold **down**.

Enter phone code.

OK Confirm input.

Change Press.

OK Confirm "Off".

Note
Change phone code.....p. 19

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Menu ➞ **Preferred Book**
➞ Select required function.

Making a call

The list of entries in the standard book (Addressbook/Phonebook) is displayed for dialling.

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

The number is dialled.

<New entry>

Create a new entry in the standard book (Addressbook/Phonebook).

Phonebook (see p. 27)

Addressbook (see p. 30)

Businesscard

(see p. 43)

Groups

(see p. 34)

Voicedialling

Only in combination with Addressbook (see p. 33).

Display voice dialling entries:

Menu ➞ **Preferred Book**
➞ **Voicedialling**

The list of Addressbook entries to which voice dialling has been assigned is displayed.

Set preferred book

Sets the currently selected book as standard which is available after switching on the mobile phone.

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

Select Set as standard.

Service numbers

(see p. 108)

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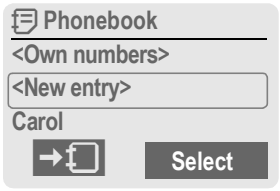
The entries in the Phonebook (on the SIM card) are managed separately from the Addressbook. However you can exchange data between the Phonebook and the Addressbook.

<New entry>

If the Phonebook is set as standard (Addressbook as standard, p. 26):

Open Phonebook (in standby mode).



Select <New entry>.

Navigate between the input fields.

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

Number:

Enter phone number always with prefix.

Name:

Enter (text entry, p. 28)

Group:

Default: No group

The entry can be assigned to the VIP group.

Location:

Default: SIM

Select the storage location such as SIM or Protected SIM (p. 29).

Record no.:

Each entry is automatically assigned a record number in the Phonebook. You can also dial with this number (p. 28).

Changing the entry number.

Save Press to store the new entry.

Note

<Own numbers> ..... p. 107
Switch to Addressbook ..... p. 30
+List International dialling code ... p. 106
Service numbers ..... p. 108
Store control codes ..... p. 103

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Text entry

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

2 abc — **Press** once for **a**, twice for **b** etc. The first letter in each name is automatically written in UPPERCASE.

Hold down to write the digit.

Ä,ä/1-9 — Umlauts and numbers are displayed after the relevant letters.

Clear — **Press briefly** to delete the letter before the cursor, hold down to erase the whole name.

Move the cursor (forward/back).

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

Hold down: All input modes are displayed.

Press briefly: Select special characters (p. 104).

Hold down: Open input menu (p. 105).

0 + — **Press once/repeatedly**:

. , ? ! @ / & ~ + - =

Hold down: Writes 0.

1 — Writes blank. Only with T9: Press twice = line skip.

Call (search for an entry)

Open Phonebook.

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

Dial number.

Symbols in the open entry

Storage location (p. 29)

Call with Record no.

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

Enter record number.

Press.

Press.

Change entry

Select entry in the Phonebook.

Options — Press and select **Change**.

Select required input field.

Make change.

Save — Press.

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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 for changes.
New entry	Create a new Phonebook entry.
Copy into	Copy entry/entries with names and phone number to the Addressbook.
Delete	Delete entry from the Phonebook.
Delete all	Delete all entries after confirmation.
Mark	Activate highlighting mode, the currently selected entry is highlighted (p. 105).
(Un-)mark all	Activate highlighting mode, all entries are highlighted (p. 105).
Go to	Switch to the Addressbook.
Send/Print...	(p. 113)
Import	Import entries and appointments via IrDA/Bluetooth in vCard format.
Capacity	Display the maximum and available capacity.

Location:

An entry can be moved from the Phonebook to other storage locations (change entry, p. 28).

SIM (standard)

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

Protected SIM

Phone numbers can be stored in protected locations on a special SIM card. A PIN 2 is needed for editing (p. 18).

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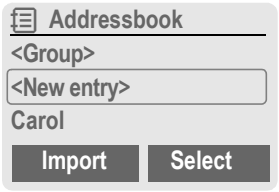
You can store up to 500 entries, each with a phone and a fax number and further address details. These entries are managed separately from those in the Phonebook in the phone memory. However you can exchange data between the Addressbook and the Phonebook on the SIM card.

<New entry>

If the Addressbook has been selected as standard:

Open Addressbook (in standby mode).



<New entry> select.

Enter first and/or last name.

Group Entries can be organised by groups (p. 34).Select with **Change**.

Make further entries field by field.

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

Bitmap

Select Assign an individual picture to an Addressbook entry. This picture will appear in the display when there is a call from this number (see Explorer, p. 83).

Input fields

Setup Selection (reduced) of the input fields for Addressbook entries.

Save Press to store the new entry.

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Note

<Group> Group functions (p. 34).

Birthday After entering the date of birth, the "reminder box" can be activated. You can now enter the date and the time when you want to be reminded of the event.

Copy data from another Addressbook entry.

Import The phone is ready to receive multiple vCard entries via IrDA or Bluetooth (p. 113).

+List Copy international dialling code from the list (p. 106).

Switch to Phonebook.

Synchronising with Outlook®

You can use XTNDConnect® PC (p. 116) to synchronise your Addressbook with your Outlook® database.

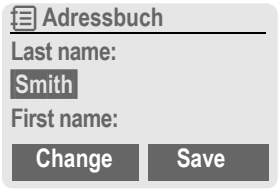
Read/change an entry

You can access all entries via the address list.

Open the Addressbook (in standby mode).

Select required entry.

View Press.



Change The entry is opened for changes.

Make the required changes.

OK Save the setting.

Right soft key:

When you jump from line to line while you are reading, the right soft key changes depending on the type of data:

VoiceDial : Start voice dialling (p. 33).

Play : Play voice dialling (p. 33).

E-mail : Create e-mail (p. 56)

Link : Visit URL (p. 66).

Start the corresponding application with the soft key.

Displaying group members:

Group (p. 34).

Search for an entry

You can search efficiently through large Addressbooks. When the Addressbook is open, simply type the first letters of the name required.

The first entry that begins with these letters is displayed.

The search letters appear in the upper right-hand corner of the display next to the magnifying glass icon.

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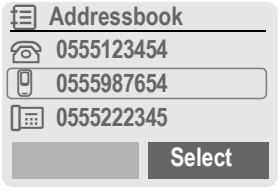
Making a call

Open the Addressbook (in standby mode).

/ Select a name by entering the first letter and/or scroll.

The number is dialled.

If several phone numbers are stored in this Addressbook entry, they are displayed in a list.



Select the phone number.

The number is dialled.

Addressbook menu

The following functions are available depending on the current situation. These functions can be applied to the currently selected entry 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.
Auf SIM kopieren	Copy entry/entries with name and the selected phone number to the SIM card.
Delete	Delete entry from the Addressbook.
Delete all	Delete all entries after confirmation.
Mark	Activate highlighting mode, the currently selected entry is highlighted (p. 105).
(Un-)mark all	Activate highlighting mode, all entries are highlighted (p. 105).
Move to	Switch to Phonebook.
Voicedialling	Make voice dialling for an entry (p. 33).
Send/Print...	(p. 113)
Import	Import entries and appointments via IrDA/Bluetooth in vCard format.
Mark as Businesscard	Define an entry as your **own** business card.
Group sorting **YES or NO**	Show the Addressbook as an alphabetic list or with the entries of the VIP displayed at the top.
Capacity	Display the maximum and available capacity.

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Voicedialling

Up to 20 phone numbers can be selected by saying a name.

Record voice dialling

Open Addressbook (in standby mode).

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

Options Open menu.

Voicedialling
Select.

A short signal sounds. Now say the name and **repeat** it when prompted by a beep and a screen display.
A beep confirms the recording which is automatically saved.

Apply voice dialling

Hold **down** key on the **right** side (in standby mode).

Now say the name. The number is dialled.

Note

Noisy environments may affect the recognisability. If recording was not successful, press the side key once more and repeat the name.

View voice dialling entries

Menu ➞ **Preferred Book**
➞ **Voicedialling**

The list of Addressbook entries to which voice dialling has been assigned is displayed (p. 26).

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

Options Open menu.

View	Display entry.
Change	Open the entry for changes.
New entry	Create new entry.
Playing	Play back the recording belonging to the entry.
New record	Use voice dialling for a new entry.
Delete	Delete entry from the Addressbook.
Delete all	Delete all entries after confirmation.

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Groups

If there are many Addressbook entries it is best to assign them to a group. Five groups (two groups are preset) can be given an individual name.

Presetting:

No group (name cannot be deleted)

Receive (name cannot be deleted, includes received Addressbook entries: vCard)

Office (set)

Family (set)

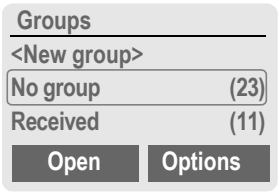
XX **<No Title>** (3 groups available)

Menu ➞ **Preferred Book** ➞ **Groups**

or

Open Addressbook (in standby mode).

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



<New group>

Add a new group with special name.

Save Store new group.

Import

Import Addressbook entries that have been received via Bluetooth/IrDA are stored in vCard format in the **Received** group.

Group menu

Options Open menu.

Open	Display all members of the selected group. **View** Addressbook, p. 31. **Options** See p. 32
Group symbol	Assign a symbol to a group, see below.
Add Group	Add a new group with special name.
Rename group	Change name of the group.
Delete	Delete group (phone code protected). Addressbook entries are not affected.

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.

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Records

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

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:

Missed calls

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

Symbol for missed call (in standby mode). If you press the control key (on the left), the phone number is displayed.

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

Calls received

Accepted calls are listed. Requirement:

The network supports the "Caller Identity" feature.

Calls dialled

Access to the last numbers you dialled .

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 into display and correct it there if necessary.
Save no. to 🕮	Store entry in the Address-book/Phonebook.
Delete	Delete entry after confirmation.
Delete all	Delete all entries of the call list after confirmation.

Note

Duration/charges.....p. 36
Charge settings.....p. 36

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Duration/charges

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

Menu ➜ Records ➜ Duration/charges

After you have made the charge detail settings, you can display the call duration/charges for the various call types or you can display the credit balance.

Select a function:

Last call
All calls
All outgoing calls
All incom. calls
Remain. units
Charge settings

Select Display the data.

When displayed, you may do the following:

Reset Reset display.

OK End display.

Charge settings

Menu ➜ Records ➜ Duration/charges ➜ Charge settings

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 display of prepaid cards may vary depending on the service provider.

Auto display

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

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Calendar

Menu ➜ Organiser ➜ Calendar

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

- monthly view,
- weekly view,
- daily view.

Time and date must be set for the Calendar to work properly (p. 92).

Monthly view

Scroll between weeks.

Scroll between days.

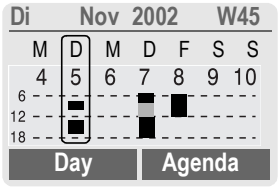
Week Display the weekly view.

Agenda List of the appointments for the day.

Note

Bold face Calendar days indicate appointments (p. 34) or birthdays (p. 34) on this day.

Weekly view



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

Scroll between days.

Day Display the daily view.

Daily view

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 alarm 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.

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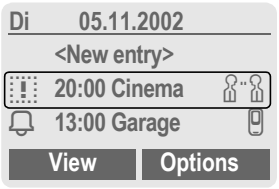
Agenda

Agenda Select in the current overview.



The appointments (p. 34) and tasks (p. 36) of the current day are displayed in chronological order in the agenda.

Tasks not yet completed are listed at the top.

If an appointment with alarm is reached, you hear a signal tone.

<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 organiser function:

Options Open menu.

View	Display entry.
Activate/Deactivate	Switch off or switch on alarm.
Done	Set task to "done".
Change	Open the entry for changes.
New entry	Create a new entry as **appointment** (S. 39) or **task** (S. 41).
Mark	Switch to highlighting mode (p. 105).
Delete	Delete selected entry.
Delete all	Delete all entries after confirmation.
Delete untill	Delete all entries before a certain date.
Delete done tasks	Delete all done tasks.
Send/Print...	(p. 113)
Import	Import tasks and appointments via IrDA/Bluetooth in the vCal format.
Capacity	Display the capacity available.

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S55 Am.Eng., No Ref. No. (only PDF) (24. June 2002, 15:39)

Note

For other settings for the Calendar, see below under **Setup**.

- Appointment with "alarm activated".
- Appointment with "alarm deactivated".
- Task.
- Task with priority.
- Task done.
- Task with deadline exceeded.

Synchronising with Outlook®

You can use XTNDConnect® PC to synchronise your organiser with your Outlook® Calendar (p. 116).

Calendar settings

Menu ➝ **Organiser** ➝ **Calendar** ➝ **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 view and weekly view.

Alarms

Menu ➝ **Organiser** ➝ **Alarms**

All alarm entries are displayed in chronological order. If an alarm is missed it appears in the list of missed appointments (p. 43).

List according to type

<Type> Display the entries of the selected type.

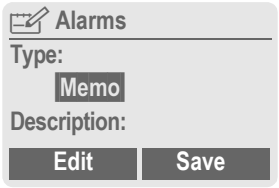
Enter new appointment

<New entry>

Select.

Make the entries field by field.

Ändern Browse through the displays in the selection fields.



Type:

Memo.

Description with up to 50 characters possible.

Call.

Enter phone number. Shown with alarm.

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Meeting.

Description with up to 50 characters possible.

Speech memo.

Recording of a voice memo at the end of the input procedure (see also p. 44).

Description:

Display in the list of the agenda.

Location:

Location where an appointment takes place, e.g. conference room.

Start date::

Start time:

End date:

End time:

Alarm:

On Activate alarm.

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

Select:

Minutes, **hours**, **days**.

Reoccurrence:

Select a period of time for repeating the appointment:

None, Daily, Weekly, Monthly, Annual.

Enter an option for repeating:

Forever, Until, Occurrences (number)

If **Weekly** has been selected, certain weekdays can be highlighted.

Save Save the alarm. The alarm is automatically activated. If **Speech memo** has been selected as type, the dictating machine is started for recording (p. 44).

Alarm

When the set date and time are reached there is an audible and visual alarm.

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

Alarm type **Call**: The phone number is displayed for dialling.

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

Pause The alarm is interrupted 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 the standby mode). To deactivate it press any key.

Indicates in the display that alarms are set: alarm clock, Appointments.

Deactivate all alarms (aircraft mode) ..... p. 73

Set alarm tone ..... p. 86

Clock ..... p. 92

Options ..... p. 38

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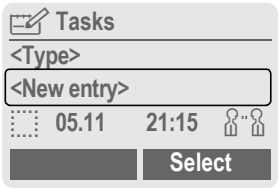
Tasks

Menu ➞ Organiser ➞ Tasks

A task is displayed like an appointment in the agenda of the selected day. However unlike the appointment, it does not need a time and date. When this is the case the task appears at the top of the list every day until it is marked completed.



List according to type

<Type> All entries of a selectable type are displayed.

Enter new task

<New entry> Select.

Select task type (see appointments, p. 39).

Description:

Display the list.

Status:

Select: **Done** or **Outstanding**

Priority

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

Use date?

When **yes** is selected the following option is provided.

Expiration date, 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 Store the task.

Alarm

If a task has a deadline and the alarm has been set, a sigal tone sounds and a display is made when the deadline is reached.

Alarm type **Call**: The phone number displayed for dialling.

Alarm type **voice memory:** To display, press the key on the right side of the phone.

Pause The alarm is interrupted for 5 minutes.

Off The alarm is stopped.

Note

Deactivate all alarms ..... p. 73
Set alarm tone ..... p. 86
Options ..... p. 38

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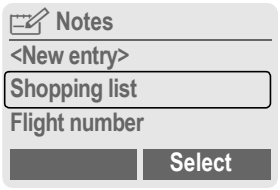
Notes

Menu ➞ Organiser ➞ Notes

T9 support makes writing memos e.g. shopping lists easier (p. 119).



New entry

<New entry>

Select.

Enter text, 150 characters maximum.

Options Open menu.

Save Store the entry.

Text entry menu

Options Open menu.

Save	Store the entry.
Text input (p. 119)	**T9 preferred:** Activate/ deactivate T9 input. **Input language:** Choose the language in which the message is to be composed.
Line feed	Enter line break.
Clear text	Delete the note.
Send	Send entry as text of an SMS message.

Display entry

Select entry.

View Open note.

Notes menu

Options Open menu.

View	Display entry.
Confidential	Protect note with phone code (p. 18).
Change	Display the entry for changes.
New entry	Create new note.
Delete	Delete entry.
Delete all	Delete all notes after confirmation.
Mark	Switch to highlighting mode (p. 105).
Send/Print...	(p. 113)
Capacity	Display of the capacity available.

Note

Protect confidential data with the phone code (p. 18).

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

A total of 500 entries (appointments, tasks, notes) in the organiser are available.

Enter special characters.....p. 104

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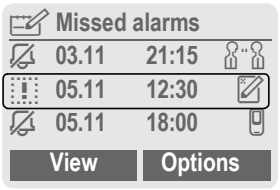
Missed appointments

Menu ➜ Organiser ➜ Missed alarms

Events with alarm to which you have not reacted are listed to be read.



Missed Appointments menu

Options Open menu.

View	Display entry.
Delete	Delete entry.
Delete all	Delete all entries after confirmation.
Send/Print...	(p. 113)

Businesscard

Create your own business card. Send it via SMS as a message or via infrared to another GSM Phone (with IrDA capability) or a suitable PC/printer.

Menu ➜ Organiser ➜ Businesscard

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

Move from field to field and make your input.

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

Save Press.

Note

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

Copy numbers from Addressbook/Phonebook.

Options See addressbook menu (p. 32).

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Dictating machine

- Use your phone as a dictating machine when on the move.
- Record a memo as a reminder or as a reminder for others.
- Add a voice memo to an alarm in the Calendar (p. 40).
- Record a call - useful for remembering numbers or addresses.

Note

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

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

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

Control using the side keys

Use the dictating machine to record short voice memos. In standby mode, the operation is quickly and simply made via the side key.

New record

Hold down the dictation key for the length of recording. Recording starts after a short beep.

Pause

For a recording pause you can release the dictation key for a maximum of 10 seconds. If you press the key once more, recording is resumed, otherwise it will be stopped.

Save

The recording is stored if you release the dictation key for 10 seconds or more.

Stop	End recording. The recording is stored automatically with a time stamp.
Save	Name recording.
Save	Store recording.

Play

In standby mode, press dictation key **briefly**. If this is set in the Options menu, **loud play back** is queried.

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Operation with soft keys

New record

Menu ➞ **Organiser** ➞ **Dictating machine**

The list of recordings is opened.

New Select.

Record Start recording

Pause Recording pause.

Stop End recording.

Recording is automatically stored with a time stamp.

Sichern Name recording.

Sichern Save recording.

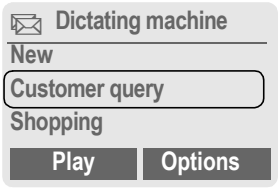
Or

Play Play recording back before storing it.

Display

Menu ➞ **Organiser** ➞ **Dictating machine**

The list of recordings is opened.



Select recording.

Play Press.

Dictating machine menu

Options Open menu.

Play	Play recording back.
Play sound back	Activate/deactivate display in the handsfree mode.
New record	Start new recording.
Delete	Delete selected recording.
Delete all	Delete all recordings after confirmation.
Rename	Replace time stamp of recording with a name.

Time zones

(see p. 92)

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SMS

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

Additionally you can insert pictures and sounds in an SMS.

Depending on the service provider, e-mails and faxes can also be sent or e-mails can be received via SMS (change setting if necessary, p. 60).

Compose and send SMS

Menu ➜ **Messages** ➜ **New SMS**

Text input using "T9" (p. 119) allows you to quickly create long messages using just a few key entries.

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

Press to send.

Dial number or pick out from the Phonebook/Addressbook.

Groups SMS to group (p. 48)

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

OK Return to the editor.

Display in the uppermost line:

T9Abc Abc SMS 1 739
We start at 8 a.m.

T9Abc	T9 active.
abc/Abc/ ABC/123	Switch between uppercase/ lowercase letters and digits
SMS	Display title.
1	Number of the required SMS messages.
739	Number of characters still available.

Note

Insert pictures&sounds into text .....p. 48
If **Message type**, **Validity period**, **Service centre are** requested ..... p. 60
Enter special characters.....p. 104
SMS status report.....p. 109

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Text menu

Options Open the text menu.

Send	Enter number of the recipient/select from the Phonebook/Addressbook, then send.
Save	Save composed text in the draft list.
Picture & Sound	Add pictures, animations and sounds to SMS (p. 48)
Format	**Line feed** **Small font, Medium font, Large font** **Underline** **Left, Right, Center** (align) **Mark text** (highlight the text with the control key)
Clear text	Delete the whole text.
Insert from...	Insert entry from Phonebook/Addressbook.
Text input (p. 119)	**T9 preferred**: Activate/deactivate T9 input. **Input language**: Select the language in which the message is to be composed.
Insert text	Text fragments see below.
Print via IrDA	Send SMS to a suitable printer.

Predefined text

Text fragments which can be added to SMS messages can be stored in the phone. You can also create five additional text fragments yourself.

Write text fragments

Menu ➞ **Messages** ➞ **Predefined text**

Options Select **New entry**.

Write text fragment.

Options Select **Save**.

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

Use text fragments

Compose SMS.

Options Open the text menu.

Select **Insert text**.

Select text fragment from the list.

Select Confirm.

The text fragment is displayed.

Select Confirm.

The text fragment is inserted in the message to the right of the cursor position.

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Picture & Sound

Insert pictures and sounds in the message.

Compose message.

Options Open the text menu at the end of a word.

Picture & Sound Select.

The Pictures&Sound menu has the following areas:

Fix animations

Fix sounds

Own animations

Own pictures

Own sounds

Select range.

Select Confirm.

The first entry of the selected range is displayed.

Scroll in the list to the required entry.

When **Fix animations**/**Fix sounds**:

Select The selection is added to the SMS.

When **Own animations**/**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 (p. 104).

In input mode, a wildcard is displayed instead of the sound.

SMS to group

You can send SMS messages as "circulars" to a recipient group.

Groups Press. The Addressbook is opened in the highlighting mode (p. 105). You have the following options:

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

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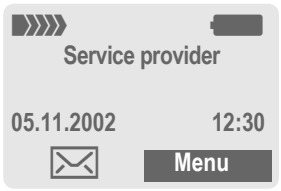
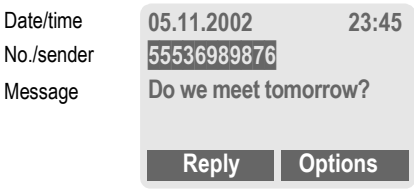
Read SMS

Display indicates a new SMS.



Press the left soft key to read the SMS.

Layout of the SMS display:



Scroll through the SMS line by line.

Reply See below.

Options (see also p 55).

Note

Pictures and sounds in SMS ..... p. 48

Message store full..... p. 107

Use **highlighted** phone number/ e-mail address/WAP address ..... p. 108

Reply menu

Reply Open the reply menu.

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

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

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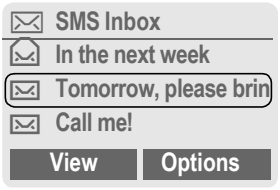
Lists

All SMS messages are stored in different lists:

Inbox

Menu ➞ **Messages** ➞ **Inbox** ➞ **SMS**

The list of received SMS messages is displayed.



Draft

Menu ➞ **Messages** ➞ **Draft** ➞ **SMS**

The list of stored SMS messages is displayed.

Not sent

Menu ➞ **Messages** ➞ **Not Sent** ➞ **SMS**

The list of the concatenated SMS messages not yet completely sent is displayed.

Sent

Menu ➞ **Messages** ➞ **Sent** ➞ **SMS**

The list of sent SMS messages is displayed.

List menu

Each list offers different functions:

Options Open menu.

View	Read entry.
Reply	Directly answer incoming SMS messages.
Delete	Delete selected SMS.
Delete all	Delete all SMS messages after confirmation.
Send	Dial number or select from the Phonebook, then send.
Change	Open editor for changes.
Capacity	Display the maximum and available capacity.
Mark as unread	Mark the message as unread.
Save no. to 🕮	Copy a selected phone number to the Phone/ Addressbook.
Move to archive	Move SMS to the archive.
Print via IrDA	Send SMS to a suitable printer.
Transmit with...	Select an SMS profile for transmission (p. 60).

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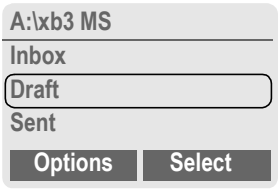
Archive

Menu ➜ **Messages** ➜ **SMS-Archive**

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



Icon:	
	Unread
	Read
	Draft
	Sent
	Entry stored on SIM card.

Different functions are available depending on the context:

Archive menu

Options Open menu.

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

Further services, see **Explorer** p. 83.

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MMS

The **M**ultimedia **M**essaging **S**ervice enables you to send texts, pictures (also photos) and sounds in a combined message to another mobile phone or to an e-mail address. Depending on the setting of your phone, you will automatically receive the complete message or you will receive a notification that an MMS has been saved in the network, giving its sender and size. 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.

A multimedia message can have several pages with text, music or pictures included in each page.

Texts can be composed using T9 support (p. 119).

Pictures and **graphics** that have been produced with accessories such as digital cameras can be attached in the JPEG, BMP, PMG or GIF format. The maximum size of 640x480 pixels is reduced to the size of the display (101x64 pixels)

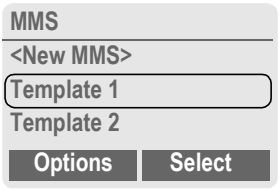
Music is sent and received as a MIDI or AMR file.

All items of an MMS are combined in the form of a slide show.

Compose and send MMS

Menu ➞ **Messages** ➞ **New MMS**

An MMS takes the form of the address header and the content.



<New MMS> Select.

Enter MMS address

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

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

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

Select the priority: **Low, normal, high**

Delivery time: **Yes/No**

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

You may append your business card.

If applicable, import appointment entry from your Calendar.

Options MMS main menu (p. 54).

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Create content of the MMS

A multimedia message can take the form of several pages that can include text, music and pictures respectively.

When the addressing is ended:

Options Open menu.

Select **insert page**.

The following input is possible on each page:

Picture/animation

Insert The picture list is opened to select from (see also **Explorer** p. 83).

Text

Edit Compose text with T9 support. Text menu see below.

Music

Insert The melodies list is opened to select from (see also **Explorer** p. 83).

Duration

Enter the life of the individual pages (up to 999 seconds).

Scroll page by page with the side keys.

Scroll line by line with the control key.

Check MMS

Check the MMS before sending it:

Options Open menu.

Preview page

View a single page.

Or

Preview

Play back the whole MMS on the display. Press any key to go back.

Send MMS

Options Open menu.

Send Select.

Text menu

Options Open menu.

Line feed	Begin new line.
Save	Message in the draft list.
Insert text	Insert messages saved in the file system.
Clear text	Delete the whole text.
Text input (p. 119)	**T9 preferred**: Activate/deactivate T9 input. **Input language**: Select the language in which the message is to be composed.

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MMS menu

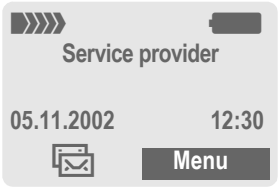
Different functions are available depending on the context:

Options Open menu.

Line feed	Begin new line.
Slide Editor	
Save	Save MMS in the outbox list.
Send	Send MMS.
Insert from...	Insert number from Phonebook/Addressbook and appointments/tasks.
Clear text	Delete the whole text.
New page	Insert new page behind the start page.
Remove Item	Delete part of a page.
Delete page	Delete currently shown page.
Preview	Playback of the whole page.
Page list	Display the available pages to select from.
Preview MMS	Playback of the whole MMS on the display. Press any key to go back.
Text input (p. 119)	**T9 preferred**: Activate/deactivate T9 input. **Input language**: Select the language in which the message is to be composed.

Receive and read MMS

Indicates reception of an MMS or a notification.



Press the left soft key to read the MMS. Depending on the setting, (p. 61) the

- complete MMS is played back or
- the notification is opened. Press **Receive** to receive the complete MMS.

Attachments

An MMS can include several attachments (business card/appointment).

Open The attachment is opened with the required application.

Save The attachment is saved under a name.

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Lists

All MMS messages are saved in different lists:

Inbox

Menu ➞ **Messages** ➞ **Inbox** ➞ **MMS**

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

Draft

Menu ➞ **Messages** ➞ **Draft** ➞ **MMS**

The list of stored templates/drafts is displayed.

Not sent

Menu ➞ **Messages** ➞ **Not sent** ➞ **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.

List menu

Each list offers different functions:

Options Open menu.

View	Show address header.
Change	Open editor for changes.
Reply	Directly answer incoming SMS messages.
Receive MMS	Start receiving an MMS when only notification is selected.
Receive all MMS messages	Start receiving all MMS messages.
Forward	Forward MMS to new recipient.
Delete	Delete selected MMS messages.
Delete all	Delete all entries after confirmation.
Mark as unread	Mark the MMS as unread.
Store in the 🕮	Copy a highlighted phone number to the Phone/ Addressbook.
Attributes	Information on the MMS is displayed: • Sender • Arrival time • Subject • Size
Capacity	Display maximum and available capacity.

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Preview	Playback of the whole page.
Page list	Display the available pages to select from.
Attachment	Append business card/ alarm entry/SMS to the message.
Content	Select the content of a page such as picture, sound or text.
Save	Store MMS in the outbox list.

Icon:

Unread

Read

Draft

Sent

E-mail

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

Create new e-mail

Menu ➜ **Messages** ➜ **New e-mail**

Enter e-mail address

From Addressbook or manually:

To: E-mail address of the recipient.

Cc: E-mail address for the recipient of a copy.

Bcc: E-mail address for the recipient of a blind copy.

Attach.: See below.

Press **briefly** to write special characters such as @ (p. 104).

T9 supports you in writing an e-mail (p. 119).

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

Content: Enter the text.

Options Open menu.

Send Send e-mail.

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Add attachments

A file from the file system (e.g. ring tone) can be inserted in an e-mail as an attachment (p. 83).

Attach. Open file system.

Select file to be inserted.

Mark Highlight file.

Attach. Copy the file as an attachment.

E-mail editor menu

Options Open menu.

Insert line	Extend the address field by one line.
Delete	Delete line in the address field.
Text input (p. 119)	**T9 preferred:** Activate/deactivate T9 input. **Input language**: Select the language in which the message is to be composed.
Insert from...	Insert entry from Phonebook/Addressbook.
Attachment	See above.
Save	Store as "not mailable" in the draft list.
Send	Establish connection to the server and send e-mail. If necessary, select different access (p. 95).
Send later	Transfer to outbox list to be sent later.

Receive e-mail

Menu ➜ **Messages** ➜ **Receive e-mail**

Before an e-mail can be read, it must be retrieved from the server. The service provider is dialled with the set access profile and all e-mails are transmitted to the inbox list (p. 95).

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 (p. 62).

Synchronising with Outlook®

You can synchronise your e-mail inbox/outbox with your Outlook® mailbox with XTND-Connect® PC (p. 116).

E-mail	with attachment	
		Unread
		Read
		Draft
		Sent

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Read e-mail

Menu ➜ **Messages** ➜ **sent/not sent** ➜ **E-mail**

Select e-mail.

View The e-mail is displayed.

Switch between small, normal and large font size.

Scroll line by line with the control key.

Scroll page by page with the left side keys.

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. bit-map).

Reply Reply to the sender.

Link Start WAP browser and visit URL (p. 66).

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 the 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 which it should be forwarded.
Change	For the editing, open e-mail in the editor.
Delete	Delete the selected e-mail.
Delete all	Delete all e-mails in the inbox or outbox.
Font size	Select the font size.
Save attachment	It is saved according to its data type: *.mid: Ring tones *.bmp: Bitmap *.vmo: Dictating machine *.smi: SMS *.vcf : Addressbook *.vcs: Appointments *.* : Other (see also p 83)

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Lists

All e-mails are stored in several lists:

Inbox

Menu ➞ **Messages** ➞ **Inbox** ➞ **E-mail**

The list of received e-mails is displayed.

Select e-mail.

View The e-mail is displayed to be read (p. 57).

Draft

Menu ➞ **Messages** ➞ **Draft** ➞ **E-mail**

The list of e-mail drafts is displayed.

Not sent

Menu ➞ **Messages** ➞ **not sent** ➞ **E-mail**

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

Menu ➞ **Messages** ➞ **Not sent** ➞ **Send E-mail**

Send all e-mails queued for transmission to the server.

Menu ➞ **Messages** ➞ **Not sent** ➞ **Send/Receive E-mail**

Transmit all e-mails queued for transmission to the server and receive all new e-mails from the server.

Sent

Menu ➞ **Messages** ➞ **Sent** ➞ **E-mail**

The list of sent e-mails is displayed.

List menu

Each list offers different functions:

Options Open menu.

Read	(p. 58)
Change	Edit e-mail.
Reply	The original e-mail is retrieved. The sender is entered as the recipient and may be changed, as well as 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 the phone.
Delete all	Delete all e-mails in the phone.
Sort	Sort • According to subject • According to sender • According to recipient • According to date/time • According to status Sort according to sender and according to recipient, only possible in the inbox/ outbox list.

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Transmit	Establish connection to the server and send e-mail.
Receive	Establish connection to the server and receive e-mail received.
Transmission/receiving	Establish connection to the server and send e-mail as well as receive incoming e-mails.

Settings

Set SMS profiles

Menu ➜ **Messages** ➜ **Setup** ➜ **SMS**

Up to 5 SMS profiles can be set. The transmission characteristics of an SMS are defined in these. The presetting depends on the SIM card inserted. To set it up:

Select profile.

Options Open menu.

Change settings
Select.

Service centre	Enter or change the phone numbers of the service centre as supplied by the service provider.
Recipient	Enter the standard recipient for this transmission profile or select from the 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.

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S55 Am.Eng., No Ref. No. (only PDF) (24. June 2002, 15:39)

Validity period	Select the period in which the service centre tries to deliver the message: **Manual, 1 hour, 3 hours, 6 hours, 12 hours, 1 day, 1 week, Maximum** *) Maximum period that the service provider permits.
Status report ✿!	You are given confirmation of the successful or unsuccessful delivery of a sent message. This service may be subject to a charge.
Direct reply ✿!	The reply to your message is handled via your service centre when **Direct Answer** is activated (for information please contact your service provider).
SMS via GPRS ✿!	Automatically send SMS via GPRS (if available). Requirement: GPRS is activated (p. 93). Ensure that your service provider offers this function.

Set MMS profiles

Menu ➜ **Messages** ➜ **Setup** ➜ **MMS**

Up to 5 MMS profiles can be set. The transmission characteristics of an MMS are defined in these. The presetting depends on the SIM card inserted.

To set it up:

Select profile.

Options Open menu.

Change settings Select.

Validity period	Select the period in which the service centre tries to deliver the message: **Manual, 1 hour, 3 hours, 6 hours, 12 hours, 1 day, 1 week, Maximum*** *) Maximum period that the service provider permits.
Default Duration	Life of an MMS page.
Duration Priority	Send priority: **Normal, high, low**
Automatic reception	Receive the complete MMS or only notification of arrival.

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Set e-mail profiles

Menu ➜ **Messages** ➜ **Setup** ➜ **E-mail** ➜ Select function

Before using this function you must set the server access and your e-mail options. The data for this may already have been preset. If not, your service provider will supply you with the relevant information. See also on 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 and SMTP or eSMTP.

E-mails will be MIME-encoded for transmission.

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

Service provider

5 connection profiles can be defined. To use a profile, its GPRS data or CSD data must be set.

Select profile.

Edit To set GPRS data and CSD data see p. 95.

E-mail accesses

5 access profiles can be defined. To use a profile, the access data must be set.

Select profile.

Aktiv. Press to activate the profile.

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

Alternatively:

Options Press.

Change settings Select.

Make your entries field by field:

Fill in entries using the Addressbook.

Service provider	Select the Network, change with **Edit**.
Login name:	Your name.
E-mail address *:	Your e-mail address, e.g.: name@domain.abc
Reply address:	A further e-mail address to which you may send replies.
User ID: *	Your user ID.
Password:*	Your password.
POP3 server: *	Server for incoming e-mail
POP3 Port:*	(standard value: 110)

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SMTP Server:*	Server for outgoing e-mail
SMTP port: *	(default value: 25)
Everything smaller than <10>KB	Set size up to which an e-mail can be received.
Leave on server: Yes, No	E-mails will remain on the server after retrieval or will be deleted.

*Your service provider supplies you with this information.

OK Save and activate settings.

Voice mail/mailbox

Menu ➞ **Messages** ➞ **Setup** ➞ **Voice message**

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

- if your phone is switched off or not ready to receive,
- if you do not want to answer,
- If you are making a phone call (and if **call waiting** is not activated, p. 24).

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

Settings:

The service provider supplies you with two phone numbers:

Mailbox number

You call this phone number to listen to the voice mails left for you. To set it up:

Menu ➞ **Messages** ➞ **Setup** ➞ **Voice message**

Select number from Phonebook or enter it/ change

OK Confirm.

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Forwarding number

Calls are diverted to this phone number. To set it up:

Menu ➜ Setup ➜ Device ➜ Divert ➜ e. g. Unanswered ➜ Set

Dial the number of the mailbox.

OK Registration at the network will be confirmed after some seconds.

Further information on call divert can be found on p. 89.

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.

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

Cell broadcast

Menu ➜ Messages ➜ Setup ➜ 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.

Reception

You can activate and deactivate the CB service. If the CB service is activated, the standby time of 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 number (ID) and, if necessary, their name.

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.

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Selection from a list

Options Open list menu.

If a topic is selected in the list you can have a look at it, activate it, deactivate it, edit it or delete it.

Auto display

CB messages are displayed in standby mode, longer mesages are automatically scrolled. 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 the topics is displayed for you to choose from. If none are displayed, you must enter the channel numbers (ID) manually (Topic list). Please, contact your service provider for details.

CB languages

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

Displays

Topic activated/deactivated.

New messages received on the topic.

Messages already read.

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Internet (WAP)

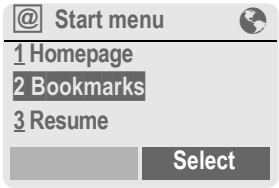
Get the latest information from the Internet that is specifically adapted to the display options of your phone. In addition you can download games and applications to your phone. Internet access may require registration with the service provider.

Internet access

Menu ➜ **Surf & fun** ➜ **Internet**

The browser is activated as soon as you call up the function. If necessary, set how the Internet access should be made (see **Start with...**, p. 67).

For example the start menu appears:



Select the required function

Select Confirm.

Start menu

Homepage	The connection to the Internet provider's portal is established (may be set/ preset by the service provider).
Bookmarks	Display up to 10 URLs stored in the phone for fast access.
Resume	Call up recently visited pages that are still in the memory.
Inbox	Inbox for messages from the WAP server.
Profiles	The list of profiles is displayed for activation/setting (p. 68).
Exit browser	Close the browser and clear down the connection.

End connection

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

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Browser menu

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

Press

or

confirm @.

Homepage	The first WAP Internet page that is displayed after connection is established (may have been set/preset by the service provider).
Bookmarks	Display URLs stored in the phone for fast access.
Resume	Call up recently visited pages that are still in the memory.
Go to ...	Enter URL for directly accessing an Internet address, e.g. **wap.my-siemens.com** Select from the list of the Internet addresses visited last.
Reload	The page is reloaded.
Inbox	Inbox for messages from the WAP server.
Disconnect	End connection.
More ...	See below.
Exit browser	Close the browser and clear down the connection.

More ...

Profiles	The list of profiles is displayed for activation/setting (p. 68).
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...** (p. 110) • Start menu • Browser menu • Homepage • Resume • Bookmarks
Reset	Restart session and clear cache.
About Openwave	Display the browser version.

Your Internet browser is licensed by:

OPENWAVE™ RSA™ SECURE

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Notes

Homepage: The soft keys may be assigned functions that are controlled online from the homepage of your service provider such as "link" or "menu". The contents of the option menus are also variable.

Displays:

@	Browser menu
	Offline
	Online
GP RS	GPRS Online
	No network
*△	Enter special characters, such as @, ~, \ , see p. 104,
	or
0 +	press repeatedly for :
	.,? ! @ / & ~ + - =

WAP profiles

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

- If the settings have already been-made by your service provider you may begin immediately.
- If access profiles have been created for several service providers, select a profile and activate it.
- The access profile must be set manually.

If necessary, check with your service provider for details.

Activate WAP profile

You can change the current profile whenever you access the Internet.

Select a profile.

Select Press to activate. The current profile is selected.

WAP profile settings

You can set up to 6 WAP profiles (may have been barred by your service provider). The entries may vary depending on the service provider:

Select a profile.

Edit Open to make your settings.

Profile name

Enter/change profile name.

WAP Parameters

IP address:	* Enter IP address.
Port:	* Enter port number.
Homepage:	Enter homepage, if not set by the service provider.
Linger time:	Enter time in seconds after which a connection should be ended if no input and no data exchange takes place.

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

Access data

Select the connection profile, see p. 95.

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Games & more

Download games and other applications. You are advised about relevant applications on the Internet.

Downloading can start after a game/application has been selected. You can now use the application/play the game.

Most applications include instructions.

Note

Java™ information ..... p. 107

Sounds (ring tone)/ silent alert on/off..... p. 86

Applications and games can be found at:

wap.my-siemens.com

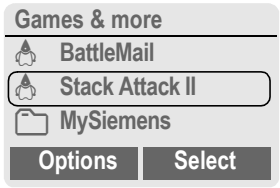
or on the Internet at:

www.my-siemens.com/city

Games and applications

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

Menu ➜ **Surf & fun** ➜ **Games & more**



Different functions are available depending on which entry is highlighted:

Carry out game/application offline

Select Executable application; can be started directly.

Load game/application online

Select README only, p. 106. Application still has to be downloaded.

Go to a link, surf online

Select The selected Internet page is loaded.

Folder

Open Open folder (see also file system p. 83)

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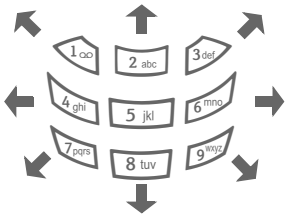
Receive information

If information which is required, say, 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 new folder and name it.
Delete	Delete selected application/ folder.
Delete all	Delete all applications/folders after confirmation.
Rename	Rename selected applications/folders.
Move	Move applications between folders.
Send/Print...	(p. 113)
HTTP profiles	The list of profiles is displayed for activation/setting (p. 71).
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.

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HTTP profiles

Preparation of the phone depends on the service provider currently used:

- If the settings have already been-made by your service provider you may begin immediately.
- If access profiles have been assigned by your service provider select a profile and activate it.
- The access profile must be set manually.

If necessary, check with your service provider for details.

Activate HTTP profile

You can change the current profile whenever you acces the Internet.

Select a profile.

Select Press to activate. The current profile is selected.

Set HTTP profiles

You can set up to 6 profiles. The settings have usually been carried out by the service provider already:

Select a profile.

Edit Open to make your settings.

Profile name

Enter/change profile name.

HTTP parameters

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

Access data

To select the connection profile, see p. 95.

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 and liability claims in respect of or in connection with any applications subsequently installed by the customer and any software not included in the original delivery package. The same 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 are lost in the event of the device being replaced/re-supplied and may be lost if it is repaired. In these cases the purchaser will need to download the application again or re-enable it. 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.

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Profiles

If a profile is used, several settings are made with **one** function in order to adapt the phone to the noises of the environment for example.

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

  Normal envi.
  Quiet environ.
  Noisy environ.
  Car Kit
  Headset

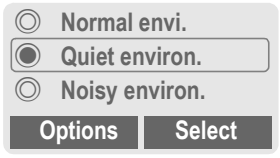
- You can set two personal profiles (**<Empty>**).
- The special profile **Aircraft mode** is fixed and cannot be changed, p. 73.

Activate

Menu ➜ **Profiles**

Select default profile or personal profile.

Select Activate the profile.



◉ Active profile.

Setup

Edit a default profile or create a new personal profile:

Select profile.

Options Open menu.

Change settings
Select.

The list of available functions is displayed:

Ringer setting ..... p. 86
Volume ..... p. 87
Silent alert ..... p. 86
Call screening ..... p. 88
Info tones ..... p. 88
Key tones ..... p. 88
Illumination ..... p. 86
Big letters ..... p. 86
GPRS ..... p. 93

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

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Profile menu

Options Open menu.

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

Car Kit

If an original Siemens Car Kit is used (p. 127) the profile is activated automatically as soon as the phone is inserted into the cradle (p. 101).

Headset

If an original Siemens headset is used (p. 126), the profile is activated automatically as soon as the headset is plugged in (p. 102).

Aircraft mode

All alarms (appointments, alarm clock) are deactivated. **It is not possible to modify this profile.** The phone is switched off when you select this-profile.

Activate

Scroll to **Aircraft mode**.

Select Activate the 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 previously set profile will be activated automatically.

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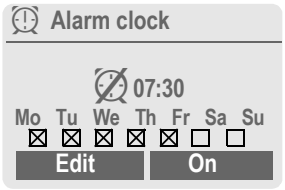
Alarm clock

Menu ➞ Extras ➞ Alarm clock

Use this function to set a **single** time for the alarm call. The alarm sounds even when the phone is switched off.



On / Off Activate/deactivate the alarm.

Setting

Edit Display the set time and date for the alarm call: Set the days for the alarm calls.

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

Navigate to the days.

Edit Set the days for the alarm calls.

OK Confirm settings.

Note

Alarm clock switched on.

Alarm clock active (display in standby mode).

Alarm clock switched off.

Calculator

Menu ➞ Extras ➞ Calculator

Enter number (up to 8 digits).

Select calculator function.

Repeat procedure with other numbers.

Result is displayed.

Special functions

. =+ - * /	Press the right soft key repeatedly:
.	Set decimal point.
=	Result.
+	Addition.
-	Subtraction.
*	Multiplication.
/	Division.
±	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**).

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Currency converter

Menu ➞ Extras ➞ Currency Converter

You may calculate the exchange rates between three different currencies.

Enter the currency

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

Otherwise:

Options Open menu

New entry Select, then if:

Only Euro currencies:

List Press and select 1st Euro currency:

EUR	ATS	BEF	DEM	ESP	FIM
FRF	IEP	ITL	LUF	NLG	PTE

OK Confirm.

List Press and select 2nd Euro currency.

OK, OK Confirm.

Euro currencies and/or other currencies:

Enter symbols for the currencies.

OK Confirm.

Enter exchange rates for the currencies.

Special functions

. =	Press the right soft key repeatedly:
.	Set decimal point.
=	Calculator result.
	Retrieve a saved number from the calculator.

Convert

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

Select a combination of currencies from the list.

Select Confirm.

Enter amount (up to 12 digits).

The result is displayed.

Repeat Repeat conversion with other data.

Calculator menu

Options Open menu.

Start	Enter the value to be calculated.
New entry	Enter two new currencies.
Change	Change the two currencies.
Delete	Delete the two currencies.

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Stopwatch

Menu ➞ Extras ➞ Stopwatch

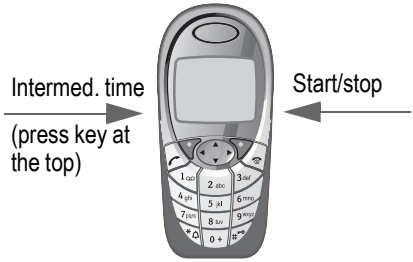
Display the time down to one thousandth of a second. Two intermediate times can be clocked and stored.

Reset Reset to zero.

Start/stop.

Intermediate time.

Control using the side keys:



Stopwatch menu

Options Open menu.

Save	Record the time(s) taken and assign a symbol to them.
Rename	Rename the entry selected.
Delete	Select the entry to be deleted.
Stopwatch list	Display the stored times. **View** Display the stored times and intermediate times.
Clear list	Delete the Stopwatch list.

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Countdown

Menu ➞ **Extras** ➞ **Countdown**

A set time elapses. The last three 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 start time.

Camera (accessories)

You can store photographs taken with a "Clip On Camera" in the phone and send them.

Shots can be taken in two different formats:

- High resolution: VGA 640x480 pixels, memory size of a picture 40 KB. To allow the picture to be viewed on the phone display, a QQVGA picture is created for every VGA shot.
- Low resolution: QQVGA 160x120 pixels, memory size 6 KB.

Camera Press if the camera is plugged in (in standby mode).

Or

Menu ➞ **Extras** ➞ **Camera**

First the number of shots still available is shown (depending on which resolution has been chosen).

OK Confirm.

If pictures have been stored already, the last picture taken is viewed (only with QQVGA resolution).

Scroll pictures.

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Depending on the setting/situation, the following soft keys are available:

Shot

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

Take A new picture is taken and shown on the display.

Flashlight

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

If it is activated, the following prompt is displayed before taking a shot:

Charge flash
Charge flashlight.

Delete

If the phone memory is full:

Delete Delete currently shown picture.

Camera menu

Options Open menu.

Use flash	Use flashlight (only if camera is plugged in)
Picture	Switch to full screen mode.
Delete	Delete currently selected picture after confirmation.
Delete all	Delete all pictures after confirmation.
Move	Move currently selected picture to another folder (if necessary, choose resolution first). See also file system p. 83.
Move all	See above.
Send via ...	Send picture via: MMS, E-Mail, IrDA, Bluetooth.
Info	Display the number of shots still available.
Setup	Set picture resolution: **Low** **High and low**

Control using the side keys

If the camera is plugged in, a shot can be taken at once by pressing a side key.

If the flash function is activated, the flashlight must first be charged by pressing a side key.

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Voice command

Up to 10 functions can be started by simply saying a name.

Record voice command

Menu ➞ **Extras** ➞ **Voice command**

A list with the functions available is displayed.

Select a function.

Record Press.

Yes Confirm selected function.

Start Start recording.

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

Start voice control

Hold **down** key on the **right** side (in standby mode).

A short signal (beep) sounds and a prompt appears on the display.

Now say the function.

Noisy environments may affect the recognisability.

Voice control menu

Highlight required entry.

Options Open menu.

Depending on which voice control has been selected, different functions are displayed.

Playing	Play back the recording belonging to the entry.
New record	Start a new recording for an entry.
Delete	Delete entry.
Delete all	Delete all recordings.

Remote Sync

Synchronise

Xxxxxxxxxxxxx text

SyncML setup

Xxxxxxxxxxxxx Text

Sync profiles

Connection...

Calendar

Contact

Notes

Tasks

Providers

CSD settings and **GPRS settings** see p. 95

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Fast access key

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

Note

A function may already have been programmed on the left soft key by your service provider (e.g. access to "SIM Services"). It may not be possible to modify this key assignment.

The left soft key may sometimes be replaced automatically by ✉/📼 e.g. to access a new message.

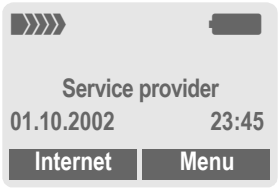
Available key assignments:

Internet (WAP) ..... p. 66
Phone number ..... p. 30
Alarm clock ..... p. 74
New SMS ..... p. 46
Illumination ..... p. 86
Hide ID ..... p. 89
Missed calls ..... p. 35
Accepted calls ..... p. 35
Inbox (SMS) ..... p. 50
My menu ..... p. 82
Filter ..... p. 88
File system ..... p. 83

Left soft key

A function/phone number may be assigned to the left soft key for fast access.

Change



Internet Press **briefly**.

Edit Scroll to the application in the list.

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

Select Confirm setting.

Apply

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

Carol Hold **down**.

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Speed dialling keys

Number keys 2 to 9 can be used as speed dialling numbers for fast access. For available key assignments see p. 80. Number key 1 is reserved for the mailbox number p. 63.

Change

In standby mode:

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

Set Press.

Or

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

Edit Scroll to application in the list.

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

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

Select Confirm setting.

Apply

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

In standby mode:

Press.

The assignment of the number key 3 is displayed above the control key (on the right) e.g.:

New SMS Hold **down**.

Or simply

Hold **down**.

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My menu

Menu ➝ **My menu**

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

The list of the 10 entries available is preset. You can, however, change it according to your wishes.

Note

You can set the **My menu** function on the left soft key for fast access from standby mode p. 80.

Activate

Select the required entry.

Select Press.

Or

Options Press.

Activate Select.

Select Press.

Or

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

Change settings

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 settings

Select.

Set Press.

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

Set Press.

If you have selected a phone number or a WAP favourite as a new entry, the relevant application opens to choose from.

Reset all

Options Press.

Reset all Select.

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

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Explorer

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

Menu ➞ **Explorer**

A list of the folders and files is displayed.

Navigate through this list using the control key:

Scroll up and down.

Go back from the folder.

Open To open a file/folderpress again.

File types in the file system:

Bitmap View pictures with the bitmap viewer.	*.bmp
Animation View animations with the bitmap viewer.	*.bmx
Ringing tone Play melodies with the melody manager.	*.mid
SMS Display stored messages in the editor.	*.smo *.smi
Voice memo Use the dictating machine (p. 44) to play back voice memos.	*.vmo
Camera Shots with low and high resolution (p. 77).	*.jpg
Misc Other files.	*.*

File system menu

Options Open menu

Depending on whether you have highlighted a single/several **file/s** or **folder/s**, you are offered **different** functions.

Open	Open folder.
Mark	See highlighting mode (p. 105).
Delete	Delete all highlighted files.
Delete all	Delete all entries.
New folder	Create a new folder and give a name to it (only one folder depth available).
Rename	Change highlighted entry.
Send via ...	Send object via: MMS, E-mail, IrDA, Bluetooth.
Sort	Set sort criteria (alphabetical, type, time).
Attributes	Display information on the file or folder selected.
Format	Format the memory of the file system. **All** data are deleted. Data in the phone memory (e.g. Address-book) are not affected.

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Drive info	Display the capacity used and available.
Start	Start application according to the file format.
Copy to ...	Copy file/folder to another folder.
Move to ...	Move file/folder between folders.

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Display

Menu ➞ Setup ➞ Display
➞ Select a function

Language

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

*#0000#

Text input

T9 preferred

Activate/deactivate intelligent text entry.

Input language

Select language in which the message is to be composed. Languages with T9 support are marked by the T9 symbol.

Background

You can set a picture as a background graphic for the display.

Logo

Choose the picture that will be displayed instead of the provider logo.

Colour patterns

Select a colour pattern that will be valid for the entire operating system.

Screensaver

The screensaver shows a picture on the display as soon as a period that can be set by you has elapsed. The function is ended by an incoming call or by pressing any key. You can also receive and store screensavers via SMS/WAP.

Screensaver menu

Options Open menu.

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

Initial animation

Choose the animation that is displayed when you switch the phone on or off.

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Own greeting

Your own greeting is displayed instead of an animation when you switch on the phone.

Edit On/Off.

Delete old message and create new message.

OK Confirm change.

Big letters

You can choose between two font sizes for the display.

Illumination

Can be switched on and off or set to automatic (switching it off increases the standby time).

Contrast

You can set the display contrast.

Press the control key repeatedly at the top/bottom to set the display contrast.

Audio

Menu ➞ **Setup** ➞ **Audio**
➞ Select a function

You can set the tones that sound in specific situations to suit your particular tastes.

Ringer setting

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

Hold **down** in standby mode.

Note

Display: Beep.

Display: Ringer off.

Switch off ringer.....p. 109

Silent alert

To avoid being disturbed by the ringer, you can activate the silent alert function of the phone instead. 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 being charged.

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Volume

You can set the volume for the following call types/functions separately.

Select:

- Calls
- Group calls
- Other calls
- Alarms
- Alarm clock
- Messages
- Cell broadcast

Select Press.

Set volume.

Select Confirm.

Note

Displays rising volume.

If two independent phone numbers are registered for your phone, you can set different volumes for them (p. 110).

Ring tones

You can choose a ring tone for the call types/functions listed below.

Select:

- Calls
- Group calls
- Other calls
- Alarms
- Messages
- Cell broadcast

Select Press.

Choose ring tone.

Select Confirm.

Note

Individual ring tones can be sent to you via SMS (p. 46) or you can download them via WAP (p. 66).

Voice prompt

If activated, you will hear the name of the caller when you are called. You can use the voice dialling function (p. 33) to create the required recordings previously in the Addressbook.

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Call screening

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

If you do not accept these calls, they are diverted to your mailbox (if set, p. 89).

Note

Display: when call screening is activated.

Key tones

You can set the acoustic key tone:

Click or **Tone** or **Silent**

Minute beep

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

Info tones

Set service and alarm tones:

Select On/Off.

Edit If activated, service tones are reproduced for an extended range of functions.

Keys

Menu ➞ **Setup** ➞ **Keys** ➞ Select a function.

Any to answer

You can press any key to accept an incoming call (except).

Auto key lock

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

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 **Silent**

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Device

Menu ➞ Setup ➞ Device
➞ Select a 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 p. 24).

Hide ID

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

To suppress this display, you can KTactivate 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.

Divert

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

Set divert:

The most common condition for KT-divert is:

Unanswered calls

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 diverted (if not done already)

or

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

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

All calls

All calls are diverted.

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

Not reachable

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

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No reply

A call is only diverted after a delay (depends on the network). The period can be set to a maximum of 30 seconds in 5 second intervals.

Busy

Divert if a call is in progress. If **Call waiting** is activated (p. 24), you will hear the call waiting tone during a call.

Receiving fax

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

Receiving data

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

Check status

You can check the current divert status for all conditions.

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

☑ Condition set.

☐ Not set.

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

Clear all

All set diversions are cleared.

Note

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

Check condition or delete it

First select the condition.

Select Press.

Check status Select

or

Delete select.

Reactivate divert

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

Edit phone number

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

Delete Press. The phone number is deleted.

Enter new number and confirm.

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Menu ➜ Setup ➜ Device
➜ Select a function

Fact. settings

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

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

Format File System

(phone code protected)

The memory of the file system is formatted and **all** stored data are deleted, including e.g. Addressbook, ring tones, organiser entries, etc. Save important data beforehand (p. 112).

Phone identity

The phone identity number (IMEI) and the software version are displayed. This information may be useful for customer service.

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

Auto off

The phone switches off each day at the set time.

Activate:

Time Press.

Enter time (24 h clock).

OK Confirm.

Deactivate:

Manual Press.

OK Confirm.

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Clock

Menu ➞ **Setup** ➞ **Clock**
➞ Select a function.

Time/date

The clock must be set correctly 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 more than about 30 seconds, the clock must be reset.

Setting of the 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 the list ...

Set ... press to set the time zone.

Options Open menu.

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

Format date

DD.MM.YYYY or **MM/DD/YYYY**

Auto display

The time display can be activated and deactivated in standby mode.

Buddhist year

Switch to the Buddhist calendar (not for all models).

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Connectivity

Menu ➔ **Setup** ➔ **Connectivity** ➔ Select a function.

GPRS

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

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

Some service providers do not yet support this service.

Yes / **No** Activate or deactivate GPRS function.

Shown in the display:

GPRS GPRS activated.

GPRS GPRS registered.

GPRS GPRS connection active.

GPRS info

Display of information on the connectivity status.

IrDA

Your phone has an infrared interface. You can use this to exchange data (Addressbook entries, business card, SMS, organiser 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.

Edit Activate/deactivate IrDA.

Shown on the display:

If switched on.

During transmission.

If IrDA is activated, Bluetooth is deactivated and the other way round.

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Bluetooth

Menu ➜ **Setup** ➜ **Connectivity** ➜ Select a function.

This is where you can assign a Bluetooth name to your phone, activate/deactivate Bluetooth and manage the list of known Bluetooth devices and the list of Bluetooth devices connected last.

Activate/deactivate Bluetooth

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

Bluetooth name

When you switch on your phone for the first time, you may assign a Bluetooth name to it.

Edit On/Off.

Shown on the display.

If Bluetooth is activated, IrDA (infrared) is inactive and the other way round.

Options Open menu.

Activate/ Deactivate	Activate/deactivate Bluetooth.
Visible to others	Off, on, automatic. If activated, your own phone cannot be located by other Bluetooth devices. If automatic is set, the phone can be located by other Bluetooth devices for 5 minutes whenever you switch your phone on.
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	See below.
Last connected	Display the list of the devices connected last.

Known Devices

Enter up to 10 devices with which you frequently communicate in the list of **Known Devices**. Status of the entries can be:

XLogoX Confidential.
XLogoX Connected.
XLogoX Connected and confidential.

<New entry>
Select. The list of device types available is displayed.

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Select The selected device type is searched for and the number of hits is displayed.

View Display the devices found so far. If the device searched for is not in the list, repeat the procedure with **Retry**.

Select device.

Select The device is immediately added to the list or password exchange is started:

Enter password of the other device and confirm it with **OK**. The device is added to the list of **Known Devices**.

List menu

Options Open menu.

Rename	Rename the device.
New entry	The list of device types is displayed
Delete	Delete device from the list of Known Devices.
Delete all	Delete all entries from the list of Known Devices after confirmation.

Data services

Menu ➜ **Setup** ➜ **Connectivity** ➜ Select a function.

A special connection profile must be set for applications such as **Internet** (p. 66), **HTTP** (p. 71) and **E-mail** (p. 56).

If it has not been set, enter the data or make 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 no.:	Enter ISP number.
Call type:	Select ISDN or Analogue.
Login name:	Enter login name.
Password:	Enter password (shown as a series of asterisks).

Save Save settings.

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GPRS settings

(General Packet Radio Service)

Options Open menu.

Edit Select.

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

Save Save settings.

Fax/data mode using a PC

Menu ➞ **Setup** ➞ **Connectivity** ➞ Select a function.

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

F ax and data services must be enabled by the service provider. Different networks support different types of fax/data reception, please contact your service provider for details.

Edit Set the required mode.

Fax/data mod.

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

Send

Start your PC communication program and enter the required destination phone number in the program.

Receiving

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

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

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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 setup, 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 in your PC and switch on the function at the phone **during** the call (the PC accepts 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

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

Codes

PIN control, Change PIN, Change PIN2, ChangePhonecode, see p. 18.

Babysitter

(Phone code protected)

Only **one** phone number can be dialled. Hold **down** right soft key on the outside **right** (p. 25).

Allow only

(PIN 2 protected)

Dialling is restricted to the numbers in the Phonebook, new entries are not possible. If only area codes are entered, the relevant phone numbers can be added to these manually before dialling.

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Only

(PIN 2 protected)

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

If the SIM card does not support PIN 2 input, the **whole** Phonebook can be protected with the phone code (p. 27).

Last 10 only

(Phone code protected)

Calls are limited to the call list of "dialled numbers" (p. 35). This list can be filled with phone numbers specifically for this purpose:
First delete the call list, then create "new entries" by dialling phone numbers and cancelling before the connection is established.

This SIM only

(Phone code protected)

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

Barrings

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

All outgoing

All outgoing calls except emergency numbers 112 and 999 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 (the forwarding of all calls to the mailbox offers 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.

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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 cleared. A password which the service provider will give you with is needed for this function.

Network

Menu ➞ Setup ➞ Network
➞ Select a function

Line

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

Select

Select the currently used phone number.

1 Display the current phone number.

Note
Settings for phone numbers ..... p. 110

Lock 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).

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Choose network

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

Auto network

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

Net operator

A list of all known GSM network providers worldwide is displayed with the current codes.

Pref. network

The service providers you prefer when you leave your home network can be entered here (e.g. if there are several networks that differ in price).

Note

If the strength of the preferred network does not suffice 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 you manually select another network.

Your service provider is displayed:

List Display list of preferred networks.

Create new entry:

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

Change/delete entry:

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

Band

Select either GSM 900 or GSM 1800.

Fast search

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

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S55 Am.Eng., No Ref. No. (only PDF) (24. June 2002, 15:39)

User group

Menu ➜ Setup ➜ Network ➜ Select a function

If offered by the service provider, this service enables groups to be formed. These have access for example to internal (company) information or special tariffs apply to them. Check with your service provider for details.

Activate

Activate or deactivate the function. "User group" must be deactivated for normal phone use (phone code, p. 18).

Select group

You may select or add groups other than the preferred groups (see below). The service provider supplies you with code numbers for the groups.

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 a function:

Car Kit

If an original Siemens Car Kit is used (p. 127) 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 on the display.

Switch between the phone and Car Kit Portable during a call.

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.
- Auto key lock: switched off.
- Charging the phone battery.
- Automatic activation of the Car Kit profile (S.XX) when the phone is inserted.

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Headset

If an original Siemens Headset is used (p. 126) the profile is automatically activated when the 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 the Call key or PTT key (Push To Talk) when the key lock is activated.

Auto answer

If you fail to notice an incoming call there is a risk that it may be overheard by others.

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Control codes (DTMF)

Send DTMF

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.

Tonfolge send Select.

Use the Phonebook

Store 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 the destination.

Enter a name.

Save Press.

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

CSD

(**C**ircuit **S**witched **D**ata)

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 acces to the Internet or for downloading games and applications as well as for using WAP services).

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

Divert set

Divert

Diverts the caller to the mailbox, for example, if Busy (p. 89) is set and the Call waiting (p. 89) function is activated.

Emergency number (SOS)

must only 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 avilable in all countries).

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EMS

(**E**nhanced **M**essaging **S**ervice)

Besides (formatted) texts, you can also send

- pictures (bitmaps) 8 x 8 and 16 x 16 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 ring tones and screensavers). This can result in messages that exceed the length of a single SMS. In this case individual segments are concatenated to form a single message.

Enter special characters

Press **briefly**. The character map is displayed:

¿	¡	_	;	.	,	?	!	+	-	:
%	~	"	'	*	/	(	)	<	=	>
¥	$	£	▯	#	@	\	&	§	¤	1)

1) Line skip

, Navigate to character.

Select Press.

Extending numbers in the Phone/Addressbook

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

Hold **down**.

These wildcards must be completed for the call.

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

Press.

Replace "?" with digits.

Press to dial phone number

GPRS

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

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

Some service providers do not yet support this service.

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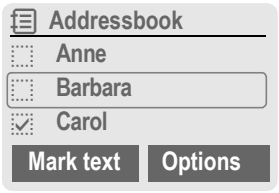
Highlighting mode

A single entry or multiple entries can be selected in a list to carry out a single function.

Options Open menu.

Mark text Select.



Mark text The current entry is highlighted.

Unmark Unmark the current entry.

Options Option menu in highlighting mode. **Different** functions are available depending on the application:

Delete marked	Delete all highlighted entries.
Copy into	Copy all entries to the Addressbook with names and phone number.
(Un-)mark all	Highlight all entries for editing/unmark them.
Move to group	Assign entries to a group.
According to move	Move entries to another folder.
According to Copy...	Copy entries to a folder.
Group sorting	Show the Addressbook as an alphabetical list or with the entries of the VIP displayed at the top.
Confidential	Protect notes with phone code (S.XX).
Activate/Deactivate	Switch off or switch on alarms.
Done	Set alarms to "done".
Send/Print...	(p. 113)
Capacity	Display the maximum and available capacity.

Input menu

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

Formatting functions

Highlighting mode activated.

Copy, insert

Language selection

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International dialling codes

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

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

+Liste Press.

Select the required country. The international dialling 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

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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 work well with your mobile phone (p. 71).

Message store full

The SIM memory is full when the message symbol flashes. **No** more SMS messages can be received. Delete or save messages (p. 51).

Operating times

The operating times depend on the operating conditions:

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

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

Outside the home network

If you are outside your "home network" your phone automatically dials a different GSM network (p. 100).

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.

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Phone number memo

If you enter a number with the keypad during a call, the person on the other end of the line can hear the numbers being entered. It can be stored or dialled after the current call has ended.

Phone number/URL in SMS

Phone numbers highlighted in the text can be dialled or stored in the Phonebook/Addressbook. URLs (Internet addresses) can be accessed directly.

Quick menu selection

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

For example, to compose a new SMS:

Menu Press.

1 for **Messages**

1 for **New SMS**

If your service provider offers additional functions (SIM services) in the menu system, the numerical order may change.

Service numbers

Phone numbers that you are offered by your service provider may be stored in the Phonebook/Addressbook. You can call local or nationwide information services or use services of the service provider.

Signal strength

Strong signal.

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

SIM card problems

You have inserted your SIM card, but the following message appears:

Please insert 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" p. 121.

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SIM services (optional)

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

If you have such a SIM card the SIM services will appear at the top of the main menu or directly above the control key (on the left).

Symbol of the SIM services.

If there is more than one application they are displayed in the "SIM services" menu.

Menu ➜ **SIM serv**

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

SMS Push

This function allows you to call up an Internet address (URL) directly from an SMS. 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 centre a retry option is available. If this attempt also fails, contact your service provider.

The **Message sent!** text only indicates that the message has been transmitted to the service centre which now tries to deliver the message within a certain period.

See also "validity", p. 60.

Software version

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

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

Switch off ringer

Switch off the ringer only for the **current** call/alarm (not if "Any key answer" p. 88 is active):

Hold **down**.

The call is still displayed. If you now accept or reject the call or switch the phone off and on again, this function is ended.

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Two phone numbers

Special settings can be made for each phone number (e.g. melody, call divert etc.). Switch to the required number first.

To switch the phone number/line in standby mode:

0 + Press.

Line 1 Press.

T9 language versions

If you want to load another dictionary (T9 language version) to support writing SMS in a different language, a comprehensive selection of dictionaries to be downloaded via the Internet and the relevant installation notes can be found at:

www.my-siemens.com/t9

WAP

(**W**ireless **A**pplication **P**rotocol)

A technical standard that is the basis of the connection between mobile radio networks and the Internet. WAP enables mobile surfing using the mobile phone on the Internet, downloading of games and applications and the use of WAP services such as news, stock exchanges or information.

Special characters for WAP usage

0 + Press repeatedly for:

. , ? ! @ / & ~ + - =

WAP usage

Start with...

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

Open the browser menu.

More ... Select.

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

Start menu

Browser menu

Homepage

Resume

Bookmarks

Directly enter Internet address (URL)

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

Open the browser menu.

Go to... Select.

Enter URL and confirm. The connection is established.

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Changing the home page

The address of the homepage is set in the WAP parameters (p. 68).

A WAP page must be shown on 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 Parameters, then select Homepage.

Enter new address. Go to the end of the entry card.

Save Press.

Bookmarks (URLs)

You can store a list of your favourite Internet addresses (URL) in the phone (offline and online available, depending on the service provider):

Save:

Open the browser menu.

Bookmarks Select.

Online (save):

Add bookmark

The current WAP address is accepted as a bookmark.

Offline (save):

(Empty) Select.

Menu Open menu.

Edit Select, enter name/header and URL and confirm.

Save Press.

Apply:

Open the browser menu.

Bookmarks Select.

Select entry.

Go The connection selected is established.

Fast access:

When the browser is started, to open the bookmarks:

Press.

Without SIM card

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

Menü Press soft key. The functions are displayed.

SOS Emergency number, SOS.

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Data Exchange Software

The Data Exchange Software creates a further drive in the Windows®- Explorer.

With this you are able easily to control the large storage options of the Flex. Memory in the phone from the PC.

Software Installation

Insert the CD ROM in the drive of your PC and select Data Exchange Software. You will be guided through the installation process by dialogue boxes.

User guide

The Data Exchange Software offers detailed operating instructions and online help. First select the drive icon, then you can call up help by clicking on "? " in the menu bar.

Connection

Phone and PC must be interconnected via a data cable.

File formats/folders

For information on standard folders and file formats in the file system see the table on p. 83. Ensure that the imported files are copied to the correct folders depending on format. Otherwise the data are ignored.

Please remember

The following differences on the Windows®- Explorer must be observed:

Files saved in the Flex. Memory cannot be started from the PC.

The Data Exchange Software has conversion routines with which you can define whether a file should be converted when it is moved/copied. E.g.: An SMS in "text" or a voice memo in "WAV" (Windows®- Explorer: activate editing - convert file).

Data deleted in the flex. memory are permanently deleted. They cannot be retieved from the Windows® waste basket.

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Print via.../Send via ....

The phone offers several methods to send, receive or print texts and data via different transmission routes. Access to this function is available in the option menu of the relevant application. These menu items can vary depending on the application.

Infrared (IrDA)

Infrared transmission must be activated before you can send/ receive data (p. 93).

Via IrDA

Application option:

Send/Print... ➜ IrDA

Send The data are sent via the transmission route selected.

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 organiser will be sent or printed via the infrared port.

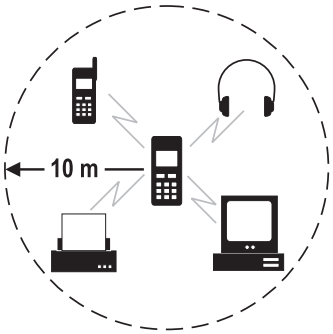
Send See above.

Print See above.

Set the import mode at the receiving phone (see below).

Bluetooth

Bluetooth is a short-range radio. 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 is how it is guaranteed that the intended communication partners can connect. 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 no longer necessary for future connections. For settings see p.. 94.

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Send via Bluetooth

Send/Print... ➞ Bluetooth

The following options are available:

Known Devices

The list of the Known Devices is displayed.

Select partner.

Select Send.

Search Device

Bluetooth partners are searched for and the number of devices found is displayed.

Select The selected device type is searched for and the number of hits is displayed.

View Display of the devices found so far. If the searched-for device is not in the list, repeat the procedure with Retry.

Select device.

Select The device is immediately added to the list or password exchange is started:

Enter password of the other device and confirm with OK.

Device Adress

Enter the device address of the destination and confirm with OK.

Enter the same password in both devices if necessary and confirm with OK.

Yes Partner can be assigned to the Known Device List.

Last Connected

The list of the last connections is displayed.

Select partner and confirm with OK.

Enter the same password in both devices if necessary and confirm with OK.

OK Send.

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Receive via Bluetooth

Bluetooth must be activated (p. 94).

Known partners:

If the partner is entered in the **Known Device List**, the password prompt will be no longer necessary.

Unknown partner:

If necessary, enter the password of your own device and confirm with **OK**.

Received files are displayed with an icon above the left soft key.

SMS

Phonebook entry/Addressbook entry, appointment, pictures, melodies etc. can be sent as SMS to an other suitable mobile phone.

Several SMS messages may be created for larger objects.

SMS as text

Business cards, Addressbook entries or appointments can be sent as text in an SMS if the limit of 160 characters is not exceeded.

MMS

(p. 52)

E-mail

(p. 56)

Import

Enable transmission so that **several** objects can be received via IrDA or Bluetooth one by one.

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XTNDConnect® PC

You can use this PC program to synchronise addresses, appointments, notes and e-mail between your phone and Windows® Outlook®98 or later versions of Outlook.

Software installation on the PC

Please install the Data Exchange Software **before installing** XTNDConnect® PC.

- Close all open programs.
- Insert the CD ROM in the drive of your PC.
- Start the "XTNDConnect® PC installation program".
- You will be guided through the installation by dialogue boxes.

Operating instructions

The XTNDConnect® PC Software offers detailed operating instructions and help. You can call up help by clicking on "**?** " in the menu bar.

Connection

Phone and PC must be interconnected via infrared (supported by Windows®98, Windows®ME, Windows®2000) or a cable.

To ensure an optimum data flow when connecting the phone to a PC via cable, only use original Siemens accessories.

Flexible memory

The memory of your phone (approx. 400 kByte) is used flexibly by various applications and adapts itself to your personal user profile.

The file system is used by:

- Addressbook
- Dictating machine
- SMS archive
- Melodies
- Pictures

Always delete data not needed any more.

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Display symbols (selection)

Displays	
	Signal strength.
	Charging.
	Battery level, example: 50%.
	All calls are diverted.
	Ringer off.
	Short ringer (beep) only.
	Ringer only, if the caller is stored in the Phonebook.
	Alarm set.
	Alarm clock active.
	Key lock activated.
	Phone numbers/names:
	On the SIM card
	On the SIM card (PIN 2 protected).
	In the phone memory.
	No network access.
	Function activated/deactivated.
	Telefonbuch.
ABC/ Abc/abc	Indicates whether upper- or lowercase letters are active.
	Text input **with** T9.
	IrDA activated.
	IrDA during transmission.
	Bluetooth activated.
	Bluetooth during transmission.

GPRS	GPRS activated.
GPRS	GPRS available.
	WAP Online.
	WAP via GPRS Online.
	WAP No network.
	Headset mode.
	Loudspeaker Car Kit.
	Additional handset mode.
	Car Kit active.
	Auto answer feature on.
Organiser / Extras symbols	
	Memo.
	Call.
	Meeting.
	Dictating machine/ voice memory.
	Birthday.
	Anniversary.
	Important event.
	Alarm clock/stopwatch.
Soft keys	
	Message received.
	Voice mail received.
	Unanswered call.
	Picture received.
	Meldody/ring tone received.

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Display symbols (selection)

	SIM memory full.
	SIM services.
	Store in Phonebook/ Addressbook.
	Retrieve from Phonebook/ Addressbook.
	T9 word selection.

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Text entry with "T9"

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

Activate, deactivate T9

Options Open the text menu.

T9-Eingabe Select.

T9 bevorzugt
Select.

☑ Activate T9.

Select Confirm.

To activate or deactivate T9 temporarily: #

Select Input language

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

Options Open the text menu.

T9 input
Select.

Input language Select.

Select Confirm, the new language is set.

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

Create a word using T9

Since the display changes as you proceed

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

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

1 Press. A blank ends a word.

* Press **repeatedly** before the word for lowercase/uppercase letters, digits or special characters.

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

Note

Enter special characters.....p. 104

0 + Full stop. Ends a word when a blank follows. Acts as a wildcard character for an apostrophe/hyphen in the word:
e. g. **provider.s** = provider's.

Go to the right. Ends a word.

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

Hold down: All input modes are displayed..

* **Press briefly:** Select special characters (p. 104).

Hold down: Open input menu (p. 105).

T9 dictionaries for other languages can be found at: **www.my-siemens.com/t9**

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T9 word suggestions

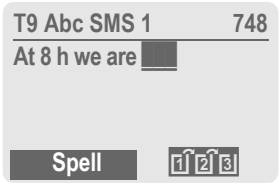
If several options are found in the dictionary for a key sequence (a word), the most probable is displayed first. If the word you want has not been recognised, the next suggestion from T9 may be correct.

The word must be highlighted. Then press

1 2 3 The displayed word is replaced with a different word. If this word is also incorrect,

1 2 3 press again. Repeat until the correct word is displayed.

If the word you want is not in the dictionary, it may 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 created **using** T9:

Move word by word to the left/right until the required word is highlighted.

1 2 3 Scroll through the T9 word suggestions again.

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

Words not created using T9:

Move character by character to the left/right.

Delete 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 removing T9 first. 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.

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Questions&Answers

If you have any questions about using your phone, visit us at **www.my-siemens.com/customercare** anytime. In addition we have listed some frequently asked questions and answers below.

Question	Possible causes	Possible solution
Phone cannot be switched on.	On/Off key not pressed long enough.	Press On/Off key for at least two seconds.
	Flat battery.	Charge battery. Check charging indicator in the display.
	Battery contacts dirty.	Clean contacts.
	See also below under: "Charging error"	
Standby time is too short.	Frequent use of the organiser and games.	Restrict use if necessary.
	Speed search active.	Deactivate speed search. (p. 100)
	Display illumination on.	Switch off display illumination (p. 86).
	Unintentional keystrokes (illumination!).	Activate key lock (p. 88).
Charging error (charge icon not displayed).	Battery totally discharged.	1) Plug in charger cable. 2)Wait up to 2 hours until the charge icon is displayed. 3) Charge battery as usual.
	Temperature out of range: 5 °C to 40 °C.	Make sure the ambient temperature is right, wait 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 mains voltage.	Use different mains power socket, check mains voltage.
	Wrong charger.	Only use original Siemens accessories.
	Battery faulty.	Replace battery.
SIM error.	SIM card not correctly inserted.	Make sure that the SIM card is correctly inserted (p. 13).
	SIM card contacts dirty.	Clean the SIM card with a dry cloth.
	SIM card with wrong voltage.	Use 3 V SIM cards only.
	SIM card damaged (e.g. broken).	Inspect the damage. Return the SIM card to service provider.

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Question	Possible causes	Possible solution
No connection to network.	Signal weak.	Move higher, to a window or open space.
	Outside GSM range.	Check service provider coverage map.
	SIM card not valid.	Contact the service provider.
	New network not authorised.	Try manual selection or select a different network (p. 100).
	Network barring is set.	Check barrings (p. 98).
	Network overloaded.	Try again later.
Phone loses network.	Signal too weak.	Reconnection to another service provider is automatic (p. 100). Switching the phone off and on may speed this up.
Calls not possible.	2nd line set.	Set line 1 〉 (p. 99).
	New SIM card inserted.	Check for new restrictions.
	Charge limit reached.	Reset limit with PIN 2 (p. 36).
	Credit used up.	Load credit.
Certain uses of the phone not possible.	Call restrictions are set.	Barrings may be set by your service provider. Check barrings (p. 97).
No entries possible in Phonebook.	Phonebook is full.	Delete entries in Phonebook (p. 27).
Voice mail does not work	Call divert to the mailbox not set.	Set call divert to the mailbox (p. 89).
SMS (text message) flashes.	SMS memory full.	Delete messages (SMS) (p. 50) or store them in the archive (p. 51) to make room.
Function cannot be set.	Not supported by service provider or registration required.	Contact your service provider.
Memory problems with Games&More, ring tones, pictures, SMS archive.	Phone memory full.	Delete files where necessary.

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Question	Possible causes	Possible solution
Message cannot be sent.	Some service providers do not support this service.	Check with your service provider.
	Phone number of the service centre is not set or is wrong.	Set service centre (p. 60).
	SIM card contract does not support this service.	Contact your service provider.
	Service centre overloaded.	Repeat message.
	Addressee does not have a compatible phone.	Check.
EMS pictures&sounds are not displayed at the destination phone	The destination phone does not support the EMS standard.	
No Internet access possible.	Wrong WAP profile set or settings wrong, incomplete.	Check settings, if necessary consult your service provider.
PIN error/ PIN2 error.	Three wrong entries.	Enter the PUK (MASTER PIN) provided with the SIM card according to the instructions. If the PUK (MASTER PIN) has been lost, contact your service provider.
Phone code error.	Three wrong entries.	Contact Siemens Service (p. 124).
Service provider code error.	No authorisation for this service.	Contact your service provider.
Too few/too many menu entries.	Functions may have been added or removed by your service provider via the SIM card.	Check with your service provider.
No fax possible.	Incorrect settings in the PC.	Check settings (p. 96).
	No authorisation for this service.	Contact your service provider.
Charge counter does not work.	Charge pulse not transmitted.	Contact your service provider.
Damage		
Severe shock.	Remove battery and SIM and insert them again. Do not dismantle phone!	
Phone became wet.	Remove battery and SIM card. Dry immediately with cloth, do not heat. Dry connector contacts thoroughly. Stand unit upright in an air current. Do not dismantle phone!	

Reset settings to the factory default (see also p. 91): * # 9 9 9 9 #

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Siemens Service

Simple straightforward support for technical and operational queries is available from our online support service on the Internet:

www.my-siemens.com/customercare or in the "Questions&Answers" section, (p. 121).

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

Abu Dhabi	0 26 42 38 00
Argentina	0 80 08 88 98 78
Australia	18 00 62 24 14
Austria	05 17 07 50 04
Bahrain	40 42 34
Bangladesh	0 17 52 74 47
Belgium	0 78 15 22 21
Bosnia Herzegovina	0 33 27 66 49
Brazil	0 80 07 07 12 48
Brunei	02 43 08 01
Bulgaria	02 73 94 88
Cambodia	12 80 05 00
Canada	1 88 87 77 02 11
China	0 21 50 31 81 49
Croatia	0 16 10 53 81
Czech Republic	02 33 03 27 27
Denmark	35 25 86 00
Dubai	0 43 96 64 33
Egypt	0 23 33 41 11
Estonia	06 30 47 97
Finland	09 22 94 37 00
France	01 56 38 42 00
Germany	0 18 05 33 32 26
Greece	0 80 11 11 11 16
Hong Kong	28 61 11 18
Hungary	06 14 71 24 44
Iceland	5 11 30 00
India	01 13 73 85 89 - 98
Indonesia	0 21 46 82 60 81
Ireland	18 50 77 72 77
Italy	02 66 76 44 00
Ivory Coast	80 00 03 33
Jordan	0 64 39 86 42
Kenya	72 37 17
Kuwait	2 45 41 78
Latvia	7 50 11 14
Lebanon	01 44 30 43
Libya	02 13 50 28 82
Lithuania	8 22 74 20 10
Luxembourg	43 84 33 99
Macedonia	02 13 14 84
Malaysia	03 21 63 11 18
Malta	00 35 32 14 94 06 32
Mauritius	2 11 62 13
Morocco	22 66 92 32
Netherlands	0 90 03 33 31 00
New Zealand	08 00 27 43 63
Norway	22 70 84 00
Oman	79 10 12
Pakistan	02 15 66 22 00
Philippines	0 27 57 11 18
Poland	08 01 30 00 30
Portugal	8 00 85 32 04
Qatar	04 32 20 10
Romania	0 12 04 60 00
Russia	09 57 37 29 52
Saudi Arabia	0 22 26 00 43
Serbia	01 13 22 84 85
Singapore	62 27 11 18
Slovak Republic	02 59 68 22 66
Slovenia	0 14 74 63 36
South Africa	08 60 10 11 57
Spain	9 02 11 50 61
Sweden	0 87 50 99 11
Switzerland	08 48 21 20 00
Taiwan	02 25 18 65 04
Thailand	0 22 68 11 18
Tunisia	0 71 86 19 02
Turkey	0 21 65 79 71 00
Ukraine	8 80 05 01 00 00
United Arab Emirates	0 43 31 95 78
United Kingdom	0 87 05 33 44 11
USA	1 88 87 77 02 11
Vietnam	45 63 22 44
Zimbabwe	04 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.

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Declaration of conformity

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

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

CE 0168

Technical data

GSM class	4 (2 Watt)
Frequency range:	880-960 MHz
GSM class:	1 (1 Watt)
Frequency range:	1.710-1.880 MHz
Weight:	97 g
Dimensions:	109x46x23 mm (82 ccm)
Li-Ion battery:	650mAh
Operating temperature:	-10 °C ... 55 °C
SIM card:	3.0 V

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.

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Basics

Li-Ion Battery (700 mAh)

L36880-N5601-A100

Spare battery.

Travel Charger

L36880-N5601-A104 (Euro)

L36880-N5601-A105 (UK)

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

Desk Top Charger

L36880-N4501-A101

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

Headset PTT

L36880-N5601-A108

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

Carry Set

L36880-N5601-A119

Features a belt clip and a retaining clip for discretely fastening the mobile phone on clothes or in bags.

Carrying Cases

Several carrier bags can be obtained in the specialist shops. Visit our online shop under:

SIEMENS Original Accessories

Original Siemens Accessories

www.siemens.com/mobilestore

Data/Applications

Data Cable RS232

L36880-N5601-A110

To connectf the phone to the serial RS232 port of the PC.

Data Cable USB

L36880-N5601-A111

To connect the phone to the USB port of the PC. With load function.

Sync Pack

L36880-N5601-A103

Table cradle for your mobile phone. Allows data exchange and simultaneously charges the phone on the power supply unit at home. Features a Desktop Stand, a Data Cable USB and a Y adapter.

Innovations

QuickPic Camera

L36880-N5701-A109

Camera that can be plugged in to the mobile phone. Allows you to make pictures and send them via the mobile phone using MMS to other mobile phones or via email to a PC. Integrated flashlight that can be optionally switched on or off.

BluetoothTM Headset

L36880-N5701-A107

Convenient and smart headset without the hindrance of a cable. Can be used on any phone that supports the Bluetooth Headset profile.

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Car Solutions

Car Charger

L36880-N5601-A106

Charger for the cigarette lighter socket in the car.

Car Kit Portable

L36880-N5601-A109

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

Mobile Holder

L36880-N5601-A116

Cradle without antenna port.

Basic Car Pack

L36880-N5601-A118

Allows handsfree talking and simultaneously charges the mobile phone in the car. Features a Car Charger, a Headset PTT and a Y adapter.

Car Kit Comfort

L36880-N5701-A100

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

Car Kit Professional Voice II

L36880-N5701-A101 (German)

L36880-N5701-A102 (English)

L36880-N5701-A103 (French)

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. The individual antenna solution can be obtained from your specialist dealer.

Car Kit Upgrade for Car Kit Comfort und Car Kit Voice I

L36880-N5701-A104

Cradle for upgrading your handsfree kit Car Kit Comfort and Car Kit Voice I.

Car Kit Upgrade for Car Kit Voice II

L36880-N5701-A105

Cradle for upgrading your handsfree kit Car Kit Voice II.

Optional Car Kit accessories

Car Handset L36880-N3015-A123

VDA Adapter Cable L36880-N4001-A121

Car Data Adapter L36880-N5701-A108

Push To Talk Key L36880-N4501-A135

Products can be obtained in specialist shops. Visit our online shop under:

SIEMENS Original Accessories

Original Siemens Accessories

www.siemens.com/mobilestore

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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 know — 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.

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

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

For the past five years in the United States, the mobile phone industry has supported research into the safety of mobile phones. This research has resulted in two findings in particular that merit additional study:

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

When 20 types of glioma were considered separately, however, an association was found between mobile phone use and one rare type of glioma, neuroepithelliomatous 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]

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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 par-

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ties, 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

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- 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.

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- 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.

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FCC/Industry Canada Notice

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.

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Ten Driving Safety Tips

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.

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Ten Driving Safety Tips

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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