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See also Index at the end of this User Guide

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Legal notices

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

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Disclaimer

The information contained in the User Guide is written for the M75 phone. Siemens reserves the right to make changes and improvements to the products and any of the features of the products described in this document without prior notice. The contents of the user guide are provided "AS IS". Except as required by applicable law, no warranties of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, are made in relation to the accuracy, reliability or contents of this document. Siemens reserves the right to revise the user guide or withdraw it at any time without prior notice. Under no circumstances shall Siemens be responsible for any loss of data or income or any special, incidental, consequential or indirect damages howsoever caused.

Export Information

The mobile phone may be subject to export regulation of the United States and other countries. Diversion contrary to law is prohibited. You must comply with all applicable export laws, restrictions and regulations of the United States foreign agencies or authorities, and may not export, or transfer for the purpose of re-export, the mobile phone or any part of the phone in violation of any applicable restrictions, laws or regulations, or without all necessary approvals.

Network Services

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

Standby and Talk Time Information

The mobile phone incorporates features that are new to the mobile phone world. These may include color displays and lighting, graphic games, music reproduction and browsing the Internet. The way you use the display and the features will affect the performance of the battery and how long it lasts between charge cycles. The quoted standby times and talk times show the minimum and maximum performance that can be expected from the battery under normal network conditions and with the default settings as set by the factory. However, playing games (particularly with the backlight continuously switched on) and listening to music will shorten the time available for standby and to make and receive telephone calls. Operation times also vary depending on network conditions, SIM settings, charging and battery condition, how you use your phone and other factors.

Memory

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

Warning!

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

Safety precautions

Information for parents

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

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

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

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

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

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

The power supply must be plugged into an easily accessible AC mains power socket when charging the battery. The only way to turn off the charging device after charging the battery is to unplug it.

The ringtones (p. 87), message tones (p. 91) and handsfree (p. 32) talking are reproduced through the loudspeaker. Do not hold the phone to your ear when it rings or when you have switched on the handsfree function (p. 32). Otherwise you risk serious permanent damage to your hearing.

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

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

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

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

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

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

Product attributes are subject to changes in technology, design and availability. Siemens reserves the right to modify products without prior notice.

Bluetooth®

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

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

- The initial connection between two devices, what is called "pairing", should take place in familiar surroundings.
- Both devices must be able to identify themselves one time by using a password/ PIN. To ensure sufficient security, you should choose a 16-digit number combination for a password that would be difficult to guess (if a PIN has not been assigned).
- An automatic connection acceptance ("connection without confirmation") should only be used in exceptional cases.
- In general, only trustworthy devices should be linked in order to minimize security risks.
- The name of your phone is transmitted in a Bluetooth connection. The factory default is the "Bluetooth ID". The first time Bluetooth is activated, or later in the Bluetooth menu, you can change this name (**My BT name** (p. 97)).
- If Bluetooth is not needed, this function should be deactivated.

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

Improved data transmission

In order for your phone to be able to transmit data at higher speeds, it is necessary to have a good connection to the network. Transmitting data can be delayed by the process of establishing a connection. To comply with guidelines on the effects of radio waves, you should keep the phone a distance of 0.59 inches (1.5 cm) from your body while transmitting data.

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 text below 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.

PoC operation

Depending on the service options offered by your service provider, you may be able to use the M75 phone as a two-way radio (push-and-talk over cellular "PoC" mode). In order to maintain compliance with FCC RF exposure guidelines while using the M75 phone in PoC mode, the phone must be held in a vertical position at least one inch (2.5 cm) from the lips.

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 cell 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;

- Pull off the road and park before making or answering a call, if driving conditions so require.

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 radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers' Association recommends that a minimum separation of 6 inches (21 cm) 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 when requested by the airline.

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 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.

Batteries and Chargers

Only use original Siemens batteries (100% mercury-free) and charging devices. Use of non-Siemens batteries and/or charging devices may cause explosion resulting in serious injury and/or property damage. Use original Siemens accessories in order to avoid possible injury and property damage and to ensure compliance with applicable laws and regulations. Improper use invalidates the warranty.

Battery safety precautions

To reduce the risk of fire, injury or electric shock, and to properly dispose of batteries, please read and understand the following instructions. CONTAINS LITHIUM-ION OR NICKEL-METAL HYDRIDE BATTERY. BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY. DO NOT DISPOSE IN MUNICIPAL WASTE.

1. Only use the batteries specified for use with this mobile phone.
2. Do not use batteries of different sizes or from different manufacturers in this mobile phone.
3. Do not dispose of the battery in a fire; it may explode. Dispose of used batteries and phones in accordance with applicable laws and safety regulations. Do not expose battery to water. Check with local codes for special disposal instructions.

4. Do not open or mutilate the battery. Doing so may cause damage to the eyes or skin.
5. Exercise care in handling the battery in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conducting material may overheat and cause burns or fire.
6. Charge the battery provided with, or identified for use with, this product only in accordance with the instructions and limitations specified in the User's Guide. Do not attempt to charge the battery by any means other than those specified in the User's Guide.

Overview of phone

① ☎ **Call key**

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

② ☎ **On/Off/End key**

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

③ **Joystick**

◉ Press the joystick down vertically to start an application or function. The current function is displayed between the softkeys (p. 21).

In standby mode

◉ Open main menu.

▲● Open user profiles.

●▼ Open Phonebook/ Addressbook.

●▶ Open **Main Inbox**.

◀● Start the camera.

In lists, messages and menus

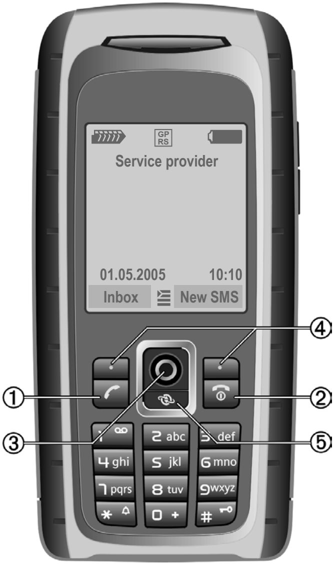
▲●▼ Scroll up and down.

◀● Back one level.

During a call

▲●▼ Set volume.

●▶ Call options.



④ ☐ ☐ **Softkeys**

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

⑤ **Internet**

Access to the Internet portal.

① **Integrated antenna**

Do not obstruct the phone above the battery cover unnecessarily. This reduces the signal quality.

② **Loudspeaker**

③ **Sidekeys**

Camera
- Press in standby mode: Start the camera**.**
- During a call: Decrease volume.

PoC
- Press in standby mode**:** Start PoC.
- During a call: Increase volume.

④ **Display**

⑤ **Infrared interface (IrDA)**

⑥ * **Ringtone**
- Press and **hold** in standby mode: switch acoustic signals on/off (except for alarm clock).
- Press and **hold** when incoming call is received: switch off ringtone for this call only.

⑦ # **Key lock**

Press and **hold** in standby mode or when playing a music file: Switch key lock on/off.

⑧ **Connection socket**

For charger, headset, flash, etc.

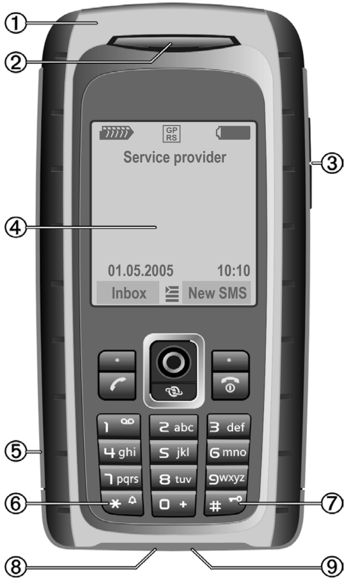
⑨ **Slot for RS MultiMediaCard**

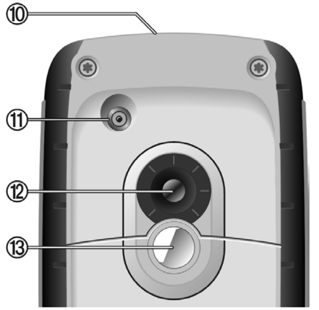
⑩ **Car kit holder**

⑪ **Connection for external antenna**

⑫ **Camera lens**

⑬ **Mirror**





Display symbols

Display symbols (selection)	
📶	Strength of receiving signal
🔋	Charging
🔋	Battery charge level, e.g. 50%
📖	Phonebook
⇄	Call records
🌐	Surf & fun/ Service provider portal
📅	Organizer
✉	Messages
📷	Camera
★	Extras
📁	My stuff
⚙	Settings
↲	All calls are diverted
🔕	Ringer (beep) off
🔔	Short ring (beep) only
🔔	Ringtone only if the caller is stored in the Phonebook
⏰	Alarm set
🔑	Keypad locked
☎	Auto answer feature on
GP RS	Activated and available
GP RS	Registered
GP RS	Temporarily interrupted
🌐	Internet offline
🌐 ⇨	Internet online
🌐 GPRS	Internet via GPRS online
🌐	Internet no network
D⋯	IrDA activated
D)))	IrDA transmission
ᛒ	Bluetooth activated
ᛒ	Bluetooth transmission

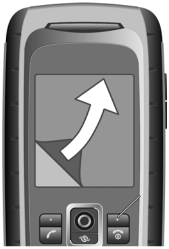
Events (selection)	
!	SMS memory full
✉!	MMS memory full
!	Phone memory full
✆	No network access
☎	Missed call
💾	Memory assistant

Message symbols (selection)	
✉	Unread
✉	Read
✉	Draft
✉	Sent
✉	MMS not sent
✉	MMS notification received
✉	MMS notification read
🔒✉	MMS with DRM contents (p. 20)
✉	E-mail forwarded
✉	E-mail with attachment
○○	Voice mail received

Camera symbols	
⇨📷	Switch to photo mode
⇨🎥	Switch to video mode
☼ +2	Brightness
🔍 ×1	Zoom factor
☼	White balance
⚡	Flash connected

Getting started

The phone is packaged in dismantled form and must be re-assembled prior to using for the first time.



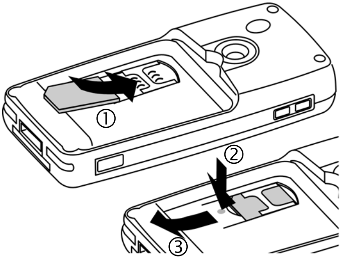
Your phone's display is supplied with a **protective film**. Remove this film slowly before assembling the phone.

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

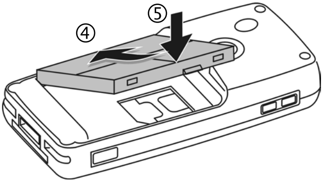
Insert SIM card/battery

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.

- Place the SIM card flat in front of the slot with the contact surface facing **downwards**. Then push the SIM card in using gentle pressure ① (ensure that the chamfered corner is in the correct position).

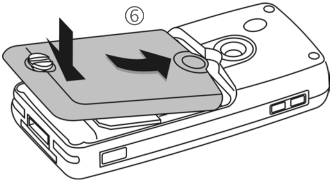


- To remove the SIM card push the latch downwards ② and pull out the SIM card in shown direction ③. Please do not use any tools.
- Insert the battery sideways into the phone ④, then press it downwards ⑤ until it clicks into position.

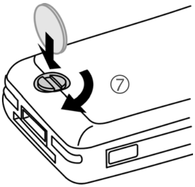


- To remove the battery, pull it out with the retaining tab on the side.

- Place the cover in position and push it towards the front ⑥.



- Close the cover by turning the locking catch ninety degrees clockwise ⑦.



Additional information

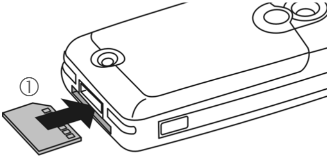
Please switch off your phone before removing the battery!

The phone supports 1.8 V and 3 V SIM cards. Please contact your service provider if you have an older card.

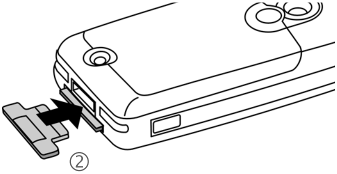
Inserting an RS MultiMediaCard

When delivered, the RS MultiMediaCard is not yet in the phone.

- To insert the RS MultiMediaCard, gently push the card right in until it clicks into place ①.



- If necessary, use the plug ②.

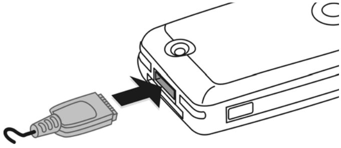


- **Before removing** the RS MultiMediaCard, carry out the **Eject card** function in the **My stuff** options menu. This prevents any possible data loss.
- To remove the RS MultiMediaCard, open the cover and press the card briefly (if necessary, use the plug). The card will pop out a little and you can remove it. Finally, close the cover again.

Charge battery

Charging procedure

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



Display during charging.

Charging time

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

Operating times

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

Talktime: up to 300 minutes
Standby time: up to 250 hours

Charge icon not visible

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

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

Display while in service

Charge level display during operation (empty – full):

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

Additional information

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

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

Switch on/off, PIN entry

Switching phone on/off

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

Entering the PIN

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

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

◉ Confirm. Logging on to the network will take a few seconds.

Additional information	
Change PIN	p. 24
Clear SIM card barring	p. 25

Emergency number (SOS)

Only to be used in real emergencies!

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

Switching your phone on for the first time

Time/date

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

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

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

◉ Press. The time and date are updated.

Time zones

Set the time zone for your area.

⬍ Select the city in the desired time zone from the list ...

Set ... and set it.

Copy SIM addresses

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

You can also copy data from the SIM card at a later time (p. 43).

General instructions

Standby mode

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

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

Signal strength

▮▮▮▮▮	Strong receiving signal.
▮▯▯▯▯	A weak signal reduces the voice quality, can cause the connection to be lost, and consumes more current. Change your location.

Digital Rights Mgmt. (DRM)

Remember that your phone has Digital Rights Management. The use of downloaded pictures, sounds or applications can be restricted by the suppliers, e.g. copy protection, use for a limited period of time only, the number of times it can be used etc. (see also p. 81).

Main menu

The main menu is displayed graphically with symbols:

◉	Call main menu up from standby mode.
◀◉▶ / ▲◉▼	Select the application symbols.
◉	Start an application.

Main menu options

Options	Open menu.

Different functions are available depending on the context.

Large letters	Select one of two font sizes.
Illumination	Set display illumination to brighter/darker.
Eject card	Allows the RS MultiMedia-Card to be removed without loss of data.

User guide

Menu controls

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

◉ → ☎ → **Calls dialed**

This comprises the following steps:

◉	Open main menu.
▲●	Select ☎.
◉	Confirm.
●▼	Select **Calls dialed** function.
◉	Confirm.

Symbols

The following symbols are used to explain operation:

⌨	Enter numbers or letters.
⏻	On/Off/End key
✆	Call key
▭ ▭	Softkeys
Menu	Displays a softkey function.
◉	Press vertically down on the joystick (to call up the menu, for example).
◀● ◀●▶ ●▶ ●▼ ▲●▼ ▲●	Press the joystick in the direction indicated.
⬡!	Function dependent on service provider. May require special registration.

◉ Press joystick

The symbol in the centre of the lower line of the display shows the current function when the joystick is pressed down vertically.

≡	Display menu
📷	Take photos
⊕	Zoom
↷	Call, accept call
✓	OK
▶/❚❚	Play/Pause for sounds & videos.

Standard functions

Option menus

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

Options Open menu.

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

Text input (p. 26)	**T9 preferred**: Activate/ deactivate T9 input. **Input language**: Select language for text.
Rename	Rename selected entry.
Capacity	Display memory capacity.
Properties	Display properties of the highlighted object.
Help	Display help text.

Highlighting mode

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

Options	Open menu.
Mark	Activate highlighting mode.
⇕	Select entry/entries.
◉	Highlight or delete highlighting.
Mark	The current entry is highlighted.
Unmark	Unhighlight the current entry.

Additional highlighting functions:

Options	Open menu.

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

Menu speed dialling

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

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

◉	Press to display the main menu. Then press
5 jkl	for **Messages**, then
1 ∞	for **Create new**, then
1 ∞	for **SMS**.

Security

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

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

PIN code

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

◉ → ⚙ → **Security** → **PIN code** → Select function.

PIN control

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

Change	Press.
⌨	Enter PIN.
◉	Confirm entry.

Change PIN

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

Selection	Press.
⌨	Enter **current** PIN.
◉	Press.
⌨, ◉	Enter **new** PIN.
⌨, ◉	Repeat **new** PIN.

◉ → ⚿ → **Security** → **PIN code**
→ Select function.

Change PIN2

(Display only if PIN2 is available). Proceed as for **Change PIN**.

Chg.phonecode

(Change phone code)

You define the phone code (4 to 8 digits) when you call up a phone-code protected function for the first time (e.g. **Direct call**, p. 34). It is then valid for all phone-code protected functions.
Following the third unsuccessful attempt, access to the phone code and the functions that use it is denied. If this occurs, contact Siemens Service (p. 135).

Clear SIM card barring

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

Preventing accidental activation

Even if PIN control is deactivated (p. 24) confirmation is required to switch on the phone.

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

☎	Press and **hold**.
OK	Press. The phone switches on.
Cancel	Press this key or take no action. The phone does not switch on.

Text entry

Text entry without T9

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

2 abc	Press **once briefly** to write the letter **a**, twice to write **b** etc. Press and **hold** to write the number.
Ä, ä, 1–9	Unusual characters and numbers are displayed after the relevant letters.
◂C	Press **briefly** to delete the letter before the cursor. Press and **hold** to erase the whole word.
◂●▸	Move the cursor (forwards/back).
# ⊸	Press **briefly:** Swap between **abc**, **Abc**, **T9abc**, **T9Abc**, **123**. Status shown in top line of display. Press and **hold:** all input-variants are displayed.
* ♫	Press **briefly:** special characters are shown. Press and **hold:** open input menu.
0 +	Press **once/repeatedly**: **. , ? ! ’ " 0 + - ( ) @ / : _** Press and **hold:** writes **0**.
1 ∞	Writes blank. Press twice = line break.

Special characters

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

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

1) Line break

◆, ◂●▸	Navigate to characters.
◉	Press.

Input menu

For text input:

*	Press and **hold**. The input menu is displayed: **Text format** (SMS only) **Input language** **Mark** **Copy/Insert**

Text entry with T9

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

Activate, deactivate T9

Options	Open text menu.
T9 input	Select.
Change	Activate T9.

Select input language

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

Options	Open text menu.
Input language	Select.
↕	Select language.
Selection	Confirm. The new language is set. Languages with T9 support are marked with the **T9** symbol.

Writing with T9

The display changes as you proceed.

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

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

#	Press **briefly** for **T9Abc** then

4 ghi 6 mno 8 tuv 3 def 5 jkl

1	A blank ends a word.

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

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

T9 word suggestions

If several options are found in the dictionary 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 shown highlighted. Then press

1 2 3	Press. The displayed word is replaced with a different word. If this word is also incorrect, press again.
1 2 3	Press. Repeat until the correct word is displayed.

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

To add a word to the dictionary:

Learn	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

◀●▶	Move left or right, word by word, until the required word is highlighted.
1 2 3	Scroll through the T9 word suggestions again.
◀C	Deletes the character to the left of the cursor **and** displays a new possible word.

Additional information

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

0 +	Set a full stop. The word is concluded if it is followed by a space. Within a word, a full stop represents an apostrophe or hyphen:
	e.g. provider.s = provider’s.
●▶	Moving the cursor to the right ends the word.
#	Press **briefly:** switch between: **abc**, **Abc**, **T9abc**, **T9Abc**, **123**. Status shown in top line of display.
	Press and **hold:** all input variants are displayed.
*	Press **briefly:** select special characters (p. 26).
	Press and **hold:** opens input menu (p. 27).

Text modules

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

Write text modules

◉ → ✉ → **Text modules**

<New entry>	Select.
◉	The input field is opened.
⌨	Write text.
Options	Open menu and select **Save**. Accept the suggested name or allocate a new one.
◉	Save.

Use text modules

⌨	Write message (SMS, MMS, e-mail).
Options	Open text menu.
Insert from	Select.
⬍	Select **Text module**.
⬍	Select text module from the list.
Selection	Confirm. The text module is displayed.
◉	Confirm. The text module is inserted in the message to the right of the cursor.

Calling

Dialling with number keys

The phone must be switched on (standby mode).

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

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

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

End call

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

Set volume

It is only possible to adjust the volume during a call.

With the joystick or with the sidekeys.

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

Redial previous numbers

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

Press the Call key **twice**.

To redial other numbers that were dialled previously:

Press the Call key **once**.

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

... key.

If the number is busy

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

Either

Auto. redial

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

Or

Call back

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

Reminder

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

Additional information

➡ ‡	Store phone number in the Addressbook/Phonebook.
Handsfr.	Switch on Handsfree (playback from loudspeaker).
*	Press and **hold** to switch microphone off.

International dialling codes

0 +	Press and **hold** until a “+” is displayed.
Country	Press and select country.

Phone number memo

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

Accept call

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

◉	Press.
	Or
✆	Press.

A phone number transmitted by the network plus the corresponding name (possibly with a picture) are displayed if they are stored in the Phonebook/Addressbook (p. 39).

Reject call

Reject	Press.
	Or
ⓞ	Press **briefly**.

Warning!

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

Additional information

* △	Press and **hold** to switch off the ringtone and silent alert.
☎	Missed call display.

Handsfree

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

Handsfr.	Activate handsfree talking.
◉	Switch on.
▲●▼	Regulate the volume with the joystick.
Handsfr.	Deactivate.

Warning!

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

Swap between 2 calls

Establish a second connection

You can call another number during a call.

◉	Open call menu.
Hold	The current call is put on hold.
⌨	Now dial the new phone number or select ◉ Open the call menu, then select **Default book**, and then select the phone number.

When the new connection is established:

Toggle	Swap between calls.

Incoming calls during a call

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 in addition to the first**

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

Always proceed as above to swap between the two calls.

- **Reject the waiting call**

Reject	Press.
	Or
Forward	The waiting call is diverted, for example, to the mailbox.

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

☎	End the current call.
◉	Accept new call.

End call(s)

☎	Press the End key.

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

Yes	You accept the call on hold.
No	You end the second call too.

Conference

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

A connection has already been established:

◉	Open the call menu and select **Hold**. The current connection is maintained.
▦	Now dial a new number. When the new connection is established ...
◉	... Open the call menu and select **Conference**. The held call is joined.

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

End

☎ **All** calls in the conference are ended when you press the End key.

Call options

The following functions are only available during a call:

◉ Press.

Hold	Hold current call.
Microphone on	If switched off, the person on the other end of the line cannot hear you (muting). Also: * Press and hold.
Handsfree	Playback through the loudspeaker.
Volume	Adjust handset volume.
Default book	Phonebook/Addressbook.
Conference	(p. 33)
Time/ charges	Display talktime that has elapsed so far and (if set) charges incurred during the connection (p. 46).
Send DTMF	Enter tone sequences (numbers) for remote inquiries to an answering machine.
Call transfer	Connect the original call to a second call. For you, both calls are now ended.
Main menu	Access to the main menu.
Call status	List all held and active calls (e.g. participants in a conference).

Direct call

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

Switch on

◉ → ✎ → **Security**
→ **Direct call**

◉ Confirm selection.

▦ Enter phone code.

When first prompted you define and enter the phone code (4 to 8 digits).

◉ Confirm selection.

Please do not forget this code (p. 24)!

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

◉ Confirm.

Apply

Carola	To dial the phone number (e.g. Carola’s phone number), press and **hold** the right softkey.

Switch off

# ⊸	Press and **hold**.
⌨	Enter phone code.
◉	Confirm input.

Tone sequences (DTMF)

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

◉	Open the call menu.
Send DTMF	Select.

Using the Phonebook/ Addressbook

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

⌨	Enter phone number.
0 +	Press until a “+” appears in the display (wait for the connection to be established).
⌨	Enter DTMF codes (numbers).
0 +	If necessary, wait again for three seconds at a time for the receiver to process the entries safely.
⌨	Enter a name.
Save	Store entry.

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

My items

Set your phone as you wish for the following items:

Ringtones (p. 87)

Assign individual ringtones to caller groups or special dates.

Pictures (p. 128)

Assign individual pictures or photos to your Addressbook entries.

Animations (p. 86)

Choose a start up and shut down animation as well as a personal greeting.

Themes (p. 84)

Load a completely new visual presentation onto your phone.

Screensaver (p. 85)

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

(Operator) Logo (p. 85)

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

Wallpaper (p. 85)

Choose your own permanent background image.

Colour skin (p. 85)

Select a colour skin for the user interface.

Applications (p. 80)

Download your own applications from the Internet.

Where do I get what?

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

Service provider portal

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

Siemens Mobile Portal

You will find additional ringtones, logos, animations and screensavers as well as more applications, games and services on the Internet at:
www.siemens.com/mobilephones

or you can download them directly from the Internet:
wap.siemens-mobile.com

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

My menu

Create your own menu (p. 105) with frequently used functions, phone numbers or Internet pages.

Default book

◉ → 📖 → Select function.

Show entries

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

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

New entry

Create new entry.

Address book (see also p. 38)

Phonebook (see also p. 42)

Default book

You can set which directory you prefer to use.

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

▼	Open Phonebook or Addressbook

Address book

A lot of data can be saved in the Addressbook for each entry and additional functions (e.g., **Birthday:**, **Picture:**, **Chat room**) can be used.

Phonebook

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

Business card

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

▼	Move from field to field to enter your details.
Save	Press.

Additional information

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

‡ →	Copy numbers from Addressbook/Phonebook.

Groups

See p. 41.

<Info numbers>

See p. 44.

Address book

The Addressbook can store up to 1,000 entries, each with a variety of phone and fax numbers as well as additional address details. These entries are managed in the phone memory separately from those in the Phonebook. However, you can exchange data between the Addressbook and the Phonebook on the SIM card.

New entry

The Addressbook is set as standard:

▼	Open Addressbook (in standby mode).
◉	Display input fields.
⬍	Select required input fields.
⌨	Fill in input fields. The maximum number of characters available is shown at the top of the display. At least one name must be entered. Always enter phone number with dialling code.

Possible input fields

Last name:	**URL:**
First name:	**Chat room >>**
Phone number:	**Group:**
Phone no./office:	**Company:**
Phone no./cell:	**Address: >>**
Fax:	**Birthday: >>**
Fax #2:	**Picture:**
E-mail:	
Email #2:	**All fields**

Additional information

Group:	Allocation to a group (p. 41).
Address:	Extension to enter the complete address: **Street:**, **ZIP:**, **City:**, **Country:**
Com. services	Information if the entry is being used as an Inst. Message contact (p. 69) or for Walky Talky: **Nickname:**, **Push to talk ID:**, **Push to talk type:**, **WV user ID:**, **ICQ number:**, **AIM screen name:**

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

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

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

All fields/**Reduced fields**

Displays the number of input fields.

Save Save the entry.

Additional information

☐↻☐ Temporary switch to Phonebook.

Synchronisation

With the mobile phone manager (p. 130) you can synchronise your Addressbook with Outlook®, Lotus Notes™ and other Siemens phones.

Using **Remote sync.** you can synchronise your mobile with an organiser stored on the Internet (see also p. 125).

Display/find entry

▼ Open Addressbook (in standby mode).

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

◉ Display.

Display options

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

Move to ...	Assign current entry or highlighted entries to a group.
View	Display an assigned picture.
Copy to SIM	Copy name and **one** phone number to the SIM card (Phonebook).
New SMS, **New MMS,** **New e-mail**	Create a message with the selected entry.
Browser	Start browser and visit URL.
Inst. Msg.	Start a dialogue with the selected entry (p. 69).
(For standard functions see p. 22)	

Change entry

▼	Open Addressbook (in standby mode).
↕	Select required entry.
Edit	Press.
↕	Select input field.
Edit	Open entry.
⌨	Make changes.
Save	Save.

Call entry

▼	Open Addressbook (in standby mode).
⌨/↕	Select a name with the first letter and/or scroll.
☎	The number is dialled.

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

↕	Select phone number.
☎	The number is dialled.

Addressbook options

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

Options	Open menu.

Move to ...	Assign current or highlighted entries to a group.
Copy to SIM	Copy name and phone number to the SIM card (Phonebook).
Filter	Only those entries which match the filter criteria are displayed.
Import	Set up readiness to receive for a Phonebook entry via IrDA (p. 94) or SMS (p. 51).
Search	Enter search term.
(For standard functions see p. 22)	

Groups

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

▼	Open Addressbook (in standby mode).
<Groups>	Select (the number of entries is listed after the group name).
↕	Select group.
◉	List entries in the group for viewing and editing.

Groups menu

Options	Open menu.

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

Additional information

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

Received: Contains Addressbook entries received by IrDA (p. 94), Bluetooth (p. 95) or SMS (p. 51) (name cannot be changed).

Ringtone for group

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

◉ → → **Ring tones**
→ **Group calls**

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

Phonebook

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

New entry

If the Phonebook has been selected as the default book:

▼	Open Phonebook (in standby mode).
<New entry>	Select.
◉	Display input fields.
▲▼	Select input field.
⌨	Fill in input fields. The maximum number of characters available is shown at the top of the display.

Number:

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

Name:

Enter first and/or last names.

Group:

Default: **No group**
Important phone numbers can be put in one group (**VIP**). This group is independent from groups in the Addressbook.

Location:

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

Record #:

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

Save	Press to store the new entry.

Additional information

⇄	Temporary switch to Addressbook.
Country	International dialling code...p. 31
Functions concerning Text entry	.........p. 26

Call (search for an entry)

▼	Open Phonebook.
⌨/▲▼	Select a name with the first letter and/or scroll.
☎	Phone number is dialled.

Call using record no.

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

⌨	Enter record number.
#	Press.
☎	Press.

Change entry

▲▼	Select entry in Phonebook.
Edit	Press.
▲▼	Select desired input field.
⌨	Make changes.
Save	Press.

Phonebook options

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

Options Open menu.

Copy to	Copy all highlighted entries to the Addressbook.
Copy all to	Copy all entries to the Addressbook.
Delete all	The whole Phonebook is deleted (PIN-protected).
Import	Set up readiness to receive for a Phonebook entry via IrDA (p. 94) or SMS (p. 51).
(For standard functions see p. 22)	

<Special books>

▼ Open Phonebook (in standby mode).

<Special books>
Select.

<Own numbers>

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

<VIP numbers>

Display the phone numbers saved in the **VIP** group.

<SIM phonebook>

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

<Protected SIM>

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

<Service nos.>/<Info numbers>

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

Completing phone numbers in the Phonebook

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

# Press and **hold.**

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

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

☎ Press.

⌨ Replace "?" with numbers.

☎ The phone number is dialled.

Call records

The phone number of a caller is displayed if

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

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

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

◉ →

⇕	Select record.
◉	Open call record.
⇕	Select phone number.
☏	Dial phone number.

Or

View	Display information on the phone number.

Up to 500 entries are stored in the records:

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). Press the softkey beneath the symbol to bring up the **Main Inbox** (p. 50).

Calls received

Accepted calls are listed.

Calls dialed

Access to the last numbers you have dialled.

☏	Fast access in standby mode.

Delete records

The records are deleted.

Records menu

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

Options	Open menu.

Copy to	Copy the currently selected phone number into the preferred directory.
(For standard functions see p. 22)	

Dur./charges

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

◉ → ⇄ → **Dur./charges**

Select:

Last call

All outg. calls

All incom.calls

Remain. units

Charge setting

⬍	Scroll through the display.
◉	Open item.
Reset	Reset the currently selected setting.

Charge setting

◉ Open menu.

Currency

Enter desired currency.

Charge/Unit

(PIN2 prompt)

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

Account limit

(PIN2 prompt)

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

Edit	Press.
▦	Enter PIN2.
Account limit	Switch on.
▦	Enter number of units.
OK	Confirm.

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

Auto display

Call duration and charges are displayed automatically.

Camera

You can view photos/videos recorded on the integrated camera immediately and

- use the photo as a background image, logo, a start-up/shutdown animation or a screensaver;
- assign the photo to an Addressbook entry;
- send the photo/video via MMS or e-mail;
- save the photo in **My stuff** (p. 128) or on the **RS MultiMediaCard** (p. 129).

Switch on

◉ →

Or

📷	Pressing the sidekey to start the camera in standby mode.
⇨ 📷	Switch to single image.
⇨ 🎥	and video recording.

The current (preview) image is displayed. You will see the following in the first line from left to right:

☼ +2	Brightness
🔍 ×1	Zoom factor
☼	White balance (p. 49)
⚡A	Flash connected

The number of photos which can still be taken in the selected resolution is displayed in the top right-hand corner of the preview image. This number varies considerably depending on the subject matter and how much storage space is required.

The selected resolution is indicated beneath the preview image or, if video mode has been selected, there is an indication as to how much recording time has already been used and how much time is still available for a video.

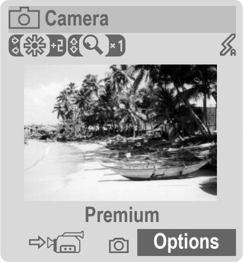


Photo mode

◉ Take a photo.

◉ Display the preview image for the next photo.

The photo is saved with a name, the date and the time. To enter the name, see **Settings** in the options menu.

Settings prior to taking a photo:

◀●▶ Set the brightness.

▲●▼ Set the zoom factor.

Image resolution

The quality of the image can be set in four stages regardless of the preview image resolution. The highest possible resolution is 1280 × 960 pixels.

To create your own display background, select the **Wallpaper** resolution (p. 85).

The resolution may decrease depending on the selected digital zoom.

Video mode

The video mode resolution is the same as the preview image resolution. You can set two different resolutions.

◉ Start the video recording.

◉ End the video recording.

A red dot appears in the top right of the display while the video recording is being made.

Play Plays the video recording.

Flash (accessories)

If the flash is active, this is shown by a symbol in the display. The flash is constantly charged while connected to the phone and switched on. This reduces the stand-by time.

⚡ This symbol appears when the flash is being charged.

For settings, see options menu.

Camera options

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

Options Open menu.

Settings	• Name for recordings • Image resolution • Colour mode: normal, sepia, grey tones. • Storage medium: **My stuff** (p. 128) or **RS MultiMediaCard** (p. 129)
Pictures	Display list of photos.
Other videos	Display list of videos.
Microphone on	Switch microphone on or off.
Use flash	Choose between: **Automatic**, **Off**, **Red-eye**
Auto-timer	The photo is taken approx. 15 seconds after triggering. For the last 5 seconds, you will hear a beep each second.
White balance	Choose between: **Automatic**, **Indoor**, **Outdoor**
(For standard functions see p. 22)	

Additional information

💾	Insufficient memory available. Start the memory assistant to delete specific data (p. 91). Alternatively, you can transfer data to the RS MultiMediaCard.

Main Inbox

The inbox folder offers immediate access to the messages currently received. This means that you no longer have to look through all inbox folders for the various message types. The entries are marked with a symbol to indicate their type and status. You will find an overview of the symbols on p. 14.

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

✉	Press the softkey beneath the symbol.
	Or
●›	Press in standby mode.

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

SMS, **MMS**, **E-mail**

System messages

Notification about **MMS**, **Missed alarm**, **Missed appts.**, **Missed calls**, **WAP push**, **Voice message**

Data objects

Ring tones, **Pictures** and **Video**, calendar entries, **Notes** and **Business card.**

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

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

Main Inbox options

Options	Open menu.

Receive emails	Select set account and send all e-mails.
Settings	If entries have been read, remove them from the **Main Inbox**: **Daily**, **Never**, **Immediately** If **Daily** has been selected, specify the time.
(For standard functions see p. 22)	

Additional information

Where applicable you will receive WAP push messages from special servers. These may contain information from the service provider or important data such as how to set up a connection profile.

Accept	For example, start setting up a connection profile automatically.

SMS

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

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

Write/send

◉ → ✉ → **Create new** → **SMS**

⌨ Enter text.

You will find information on writing texts with and without T9 in the chapter "Text entry" (p. 26).

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

☎ Start sending procedure.

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

Group If necessary, select a group.

◉ Confirm. The SMS is transmitted to the service centre to be sent and saved in the **Sent items** list.

Text options

Options Open menu.

Save	Save composed text in draft list.
Picture&sound	Add pictures, animations and sounds to message (see following text).
Insert from	**Text module** (p. 29), **Bookmarks**, **From** 📒 (Addressbook/Phonebook).
Format	**Font size**: **Small font**, **Medium font**, **Large font** **Underline** **Alignment**: **Default alignm.**, **Left**, **Center**, **Right** **Mark** (highlight text with the joystick)
Delete text	Delete the whole text.
Send with...	Select SMS profile so the SMS can be sent.
(For standard functions see p. 22)	

Picture&sound

Send pictures and sounds with or without accompanying text.

Remember that these may be protected (DRM, p. 20).

With the text input field open:

Options	Open menu.
⬍	Select **Picture&sound**. The menu contains: **Def animations** **Def. sounds** **My anim.** **My pictures** **My sounds**
⬍	Select list.
◉	Confirm. The first entry of the selected section is displayed.
⬍	Scroll to entry required.

For **Def animations**/**Def. sounds**:

◉	The selection is added to the SMS.

For **My anim.**/**My pictures**/**My sounds**:

◉	The selection is displayed/played back.
◉	The selection is added to the SMS.

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

SMS to group

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

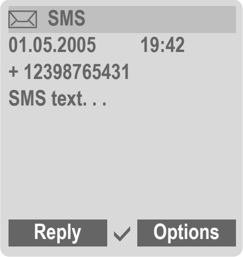
☎	Start sending procedure.
Group	The Addressbook is opened.
<Groups>	The list of groups is displayed.
⬍	Select group.
◉	Open group and highlight all/individual entries.
◉	Transmission is started after a security prompt.

Read

✉ Arrival of a new SMS announced in the display. Open **Main Inbox** (p. 50) with the softkey beneath it.

◉ Reading the SMS.

Scroll through message line by line.



SMS
01.05.2005 19:42
+ 12398765431
SMS text. . .

Reply

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

◉ Reply immediately.

Reply options

Reply Open reply menu.

Write message	Create a new reply text.
Edit	Edit received SMS or add new text.
Answer is YES	Add **Answer is YES** to the SMS.
Answer is NO	Add **Answer is NO** to the SMS.
Please call back, Delay, Thank you	Add a standard text as a reply to the SMS.

Read options

Options Open reply menu.

Reply	See “Reply options” above.
Picture&sound	Save picture/sound contained in the SMS.
Zoom in	Enlarge or reduce text display.
Archive	Move SMS message to archive.
(For standard functions see p. 22)	

Lists

All SMS messages are archived in different lists, according to their status. (For overview of message symbols, see p. 14):

Inbox

◉ → ✉ → **Inbox** → **SMS**

The list of received SMS messages is displayed.

Draft

◉ → ✉ → **Draft** → **SMS**

The list of not yet transmitted SMS messages is displayed.

Unsent

◉ → ✉ → **Unsent** → **SMS**

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

Sent items

◉ → ✉ → **Sent** → **SMS**

The list of sent SMS messages is displayed.

SMS archive

◉ → ✉ → **SMS archive**

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

List options

Different functions are offered depending on the list.

Options Open menu.

Send	Send or forward entry.
Send with...	Select an SMS profile for transmission.
Archive	Move SMS message to archive.
(For standard functions see p. 22)	

Setting

SMS signature

◉ → ✉ → **Msg settings**
→ **SMS setup** → **SMS signature**

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

SMS profiles

◉ → ✉ → **Msg settings**
→ **SMS setup** → **SMS profiles**

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

Activate profile

↕	Select profile.
◉	Activate.

Set profile

↕	Select profile.
Edit	Open to edit the profile.

Service center	Enter the phone numbers for the service centre as provided by the service provider.
Recipient	Enter a standard recipient for the profile.
Message type	• **Manual**: Inquiry for all messages. • **Standard text**: Normal SMS message. • **Fax**: Transmission via SMS. • **E-mail**: Transmission via SMS. • **New**: You may need to obtain the required code number from your service provider.
Validity period	Period in which the service centre is to try to deliver the message: **Manual**, **1 hour**, **3 hours**, **6 hours**, **1 day**, **1 week**, **Maximum*** * Maximum period that the service provider permits.
Status report ⌬!	Receive confirmation of successful/failed transmission of a message. This service may be subject to a charge.
Direct reply ⌬!	If activated, the reply to your SMS message is handled via your service centre (for information, please contact your service provider).
SMS via GPRS ⌬!	Send SMS automatically via GPRS (p. 94).
Save aft. send	Sent SMS messages are saved in the **Sent items** list.

More information on SMS

SMS status report

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

See also **Validity period** (p. 55).

Phone number in SMS

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

Downloading ringtones and logos

You can receive links for downloading ringtones, logos, screensavers, animations and information about applications with an SMS. Please highlight this link and, by pressing the Call key ☎, start the download. Please check that the dial-in access is configured (p. 97).

Remember that these may be protected (DRM, p. 20).

SIM memory full

If the message symbol flashes the SIM memory is full. **No** more SMS messages can be received. You need to delete messages or move them to the RS MultiMediaCard.

MMS

The **M**ultimedia **M**essaging **S**ervice enables you to send texts, pictures/videos and sounds in a combined message to another mobile phone or to an e-mail address. All elements of an MMS message are merged to form a “slide show”.

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

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

Create

◉ → ✉ → **Create new** → **MMS**

An MMS consists of the address header and the content.

An MMS may consists of a series of pages. Each page may contain a text, a picture/video and a sound. Remember that pictures and sounds may be protected (DRM, p. 20).

Write **texts** with the help of T9 (p. 26).

Pictures and **videos** can be recorded with the integrated camera and/or loaded from **My stuff** (p. 128).

Sounds can be recorded with the sound recorder and/or loaded from **My stuff** (p. 128).

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

Pictures/videos

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

◉ Display picture/video functions:

Insert picture

Open list to select a picture.

Insert video

Open list to select a video.

Camera

Activate the camera to take a photo or record a video for the MMS (p. 47).

📷 Also possible.

Open

Display picture.

Delete item

Delete inserted picture/video.

Save picture/Save video

Save picture/video for use later on.

Rights details

Display properties, including any user right restrictions (p. 20).

Sounds

SOUND	Select.
◉	Display sound functions:

Insert sound

Open list to select a sound.

Record

Activate sound recording to record sounds (p. 121).

🎤	Also possible.

Open

Play back sound.

Delete item

Delete inserted sound.

Save sound

Save sound to use later on.

Rights details

Display properties, including any user right restrictions (p. 20).

Text

TEXT	Select and write the text.
◉	The text functions are displayed (see also p. 26):

Insert

Choose any of the following for insertion: **Text module**, **Bookmark**, **From** 📖

Delete text

Delete text on current page.

Save text

Save text on the page as a text module.

T9 input

T9 settings:
T9 preferred, **Input language**

Mark

Text processing together with **Copy** and **Insert**.

Generation options

Options Open menu.

Send	Send MMS.
Preview	Play entire MMS on the display.
Picture...	See p. 57.
Sound...	See p. 58.
Text...	See p. 58.
Page...	**Add page**: Insert new page after current one. **Delete Page**: Delete current page. **Page list**: Display available pages. **Timing**: Enter the lifespan of a page in seconds.
Properties	Enter sending parameters (p. 61).
Save as templ.	Save created MMS as a template. See also below.
Layout	Select one of four possible layouts: Text above, beneath, beside (on left or right of) picture.
Color...	Select the colours for: • **Pict. backgrd.** • **Text backgrd.** • **Text color**
(For standard functions see p. 22)	

Templates

◉ → ✉ → **MMS templates**

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

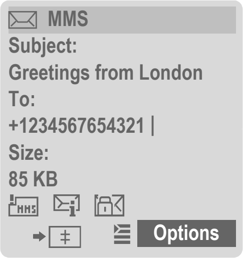
Create templates by writing a new MMS or using an MMS which you have already received.

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

Send

The page(s) of the new MMS is (are) already created and the MMS is displayed.

☎ Open address entry.


MMS
Subject:
Greetings from London
To:
+1234567654321 |
Size:
85 KB

Subject:	Enter a brief description.
Send to:	Enter one or more phone number(s)/e-mail address(es). ‡ → Insert from Addressbook.
Size:	Display the size of the current MMS in kilobytes (KB).

Attachments:
Insert attachments.

☎	Start sending procedure.
◉	The MMS is sent after confirmation.

Expanded address fields

▼	Scroll downwards.
◀●▶	**More:** Provide additional address fields.
Cc:	Address(es) of copy recipient(s).
Bcc:	Address(es) of copy recipient(s) who are not visible to the other recipients.
Date:	Creation date.

Use delivery time:
Use specified send time. If **Yes**:

Delivery date:
Send date.

Delivery time:
Send time.

Symbols for status information

- Priority
- Send report
- Contains DRM (p. 20)

Sending options

Options	Open menu.

Send	Send MMS.
Play	Play entire MMS on the display.
Edit	Display object selection so that object can be changed.
Add addressee	Add recipient from the current address directory.
Del. addressee	Delete individual recipient.
Add attchmnt.	Add attachment: • **Business card** • **Appointments** • **Picture** • **Video** • **Audio** • **File**
Page list	Display MMS pages for viewing and/or changing.
Save as templ.	Save created MMS as a template.
(For standard functions see p. 22)	

Receive

Depending on the setting (p. 63), an MMS can be received in two ways:

Complete transmission

The complete MMS is sent to your phone. This can take quite a while if the MMS is large.

✉	Shown in the display.
⊡	Start reception. The MMS is sent.

Preliminary notification

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

✉	Shown in the display.
⊡	Open the notification. Display sender/date.
◉	Display the properties of the MMS.
Accept	The complete MMS is sent.
OK	Display in **Main Inbox**.

Read

An MMS has been received in full.

↕	Select the MMS.
◉	Start automatic playing of the MMS.

Key functions for playback:

▶	To the next page.
◀	Press briefly once to return to the start of the current page; press briefly twice to return to the start of the previous page.
↕	Set volume.
◉/☎	End.

The message details are displayed when the MMS is complete.

Subject:	Description of the MMS.
From:	Information about the sender.
Size:	Size of the MMS in KB.

Expanded address fields

↕	Scroll downwards.
More:	Additional input fields.
Cc:	Copy recipient.
Attachments:	Save attachments.
Date:	Date received.

Symbols for status information (see p. 60).

Lists

All MMS messages are saved in four different lists (for overview of message symbols, see p. 14):

Inbox

◉ → ✉ → **Inbox** → **MMS**

The list of MMS messages and notifications received is displayed. To receive an MMS at a later time, open notification and press **Accept**.

Draft

◉ → ✉ → **Draft** → **MMS**

The list of stored drafts is displayed.

Unsent

◉ → ✉ → **Unsent** → **MMS**

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

Sent items

◉ → ✉ → **Sent** → **MMS**

The list of sent MMS messages is displayed.

List options

Different functions are offered depending on the list/situation.

Options Open menu.

Play	Play MMS on the display.
Edit	Display MMS for processing.
View	Display MMS for viewing only (write-protected).
Send all	Send MMS.
Reply to all	Reply to MMS immediately.
Forward	Enter recipient(s) for forwarding.
Properties	Display message parameters.
Receiv.all MMS	Send all new MMS messages immediately.
(For standard functions see p. 22)	

Setting

◉ → ✉ → **Msg settings**
→ **MMS settings**
→ Select function.

Connection profile:

Six MMS profiles can be set (5 in the telephone memory, one on the SIM card). The send properties can be specified in them. In most cases, they have already been set. If necessary, check with your service provider for details.

Activate profile

◀●▶	Select profile.
OK	Profile is activated.

Set profile

Change	Display list of profiles.
▲●▼	Select profile.
Edit	Press. Make settings.

User settings

Set the MMS dispatch to suit your requirements:

Delivery report:	Request delivery confirmation for sent messages.
Default priority:	Send priority: **Normal**, **High**, **Low**
Expiry time:	Select the period of time in which the service centre is to try to deliver the message: **Manual**, **1 hour**, **3 hours**, **6 hours**, **1 day**, **1 week**, **Maximum*** * Maximum period that the service provider permits.
Page duration:	Enter the lifespan of a page in seconds (standard requirement). Scroll forward in **Manual** or **Automatic** mode.
Retrieval:	Receive complete MMS or only notification of arrival. **Automatic** Receive complete MMS immediately. **Auto.homenet** Receive complete MMS immediately in home network. **Manual** Only receive the notification.
Create mode:	**Free**, **Limited**, **Warning** May be used to receive a warning message or to limit the size of a message.
Size indication:	Set max. message size and message handling.

E-mail

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

Write

◉ → ✉ → **Create new** → **E-mail**

Enter the address details for the e-mail:

To:	Enter one or more e-mail address(es). ‡ → Insert from Addressbook/Phonebook.
Subject:	Enter e-mail heading (up to 255 characters).
Text:	Enter text.

Expanded address fields

More:	Open additional input fields.
Cc:	Address(es) of copy recipient(s).
Bcc:	Address(es) of copy recipient(s) who are not visible to the other recipients.
Attachments:	Add attachments such as images and sounds.

To send

☎	Press.

Options

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

Options	Open menu.

Send	Send e-mail.
Send later	Transfer e-mail into the **Unsent** list.
Save	Save e-mail in the **Draft** list.
Add addressee	Add recipient from the current address directory.
Delete line	Delete current line.
Insert from	**Text module** **Bookmark** **From** 📒 insert from the Addressbook/ Phonebook.
Add attchmnt.	**My stuff** Open to make a selection. Remember that pictures and sounds may be protected (DRM, p. 20).
Delete text	Delete the whole text.
Text input	• **T9 preferred** • **Input language**

Receive/read

◉ → ✉ → **Inbox**
→ Select function.

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

Retrieve email

Only the message header in the **Main Inbox** (p. 50) is sent. You can then decide if you also want to receive the contents:

Options	Open menu and select **Ret. content**.

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

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

Send/receive

The set access is selected and all e-mails transferred to the **Main Inbox** (p. 50). At the same time, completed e-mails are transferred from the **Unsent** list.

Attachments

Contains the e-mail attachments; these can be saved in **My stuff** (p. 128).

Options	Open menu and select **Save attach.**

Lists

All e-mails are saved in different lists depending on their status (for overview of message symbols, see p. 14):

Inbox

◉ → ✉ → **Inbox** → **E-mail**

The list of received e-mails is displayed.

Draft

◉ → ✉ → **Draft** → **E-mail**

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

Unsent

◉ → ✉ → **Unsent** → **E-mail**

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

Sent items

◉ → ✉ → **Sent** → **E-mail**

The list of transmitted e-mails is displayed.

List options

Different functions are offered depending on the list.

Options Open menu.

Retrieve email	Only transfer the message header into the **Main Inbox** (p. 50).
Ret. content	Retrieve the contents from the server if only the message header was received.
Del. on server	Delete the contents on the server if only the message header was received.
(For standard functions see p. 22)	

Setting

◉ → ✉ → **Msg settings**
→ **E-mail setup**
→ Select function.

Accounts

Before using this service you must set the server access and your e-mail parameters. You will receive the necessary data from the service provider.

⬍ Select account.

Activate access

◉ Activate an account that has already been created.

Set access

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

General sett.

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

Voice message/mailbox

◉ → ✉ → **Msg settings**
→ **Voice message**

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

- if your phone is switched off or not ready to receive,
- if you do not want to answer,
- if you are making a phone call (and if **Call waiting** (p. 89) is not activated).

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

Settings

The service provider supplies you with two phone numbers:

Save mailbox number

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

◉ → ✉ → **Msg settings**
→ **Voice message**

⊞ →/ ▦	Select number from Phonebook/Addressbook or enter/change it.
OK	Confirm.

Save call divert number

Calls are diverted to this phone number.

◉ → ⚙ → **Call setup** → **Divert**
→ e.g. **Unanswered** → **Set**

▦	Enter phone number.

Or

Mailbox	Press to divert call to the mailbox number.
OK	Registration with the network is confirmed a few seconds later.

Listen to message

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

ꝏ	Symbol plus beep. **Or**
✉	Notification via SMS. **Or**

You receive a call with an automatic announcement.

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

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

Chat room

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

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

GPRS must be switched on.

◉ → ✉ → **Chat room**

Start menu

Login	Select the access through which the dialogue is to take place **or** select **Account** (p. 74).
Msg. history	Read the messages from the last session.
Settings	Settings for your representation, the applications and servers.
Exit	End application.

Fast access ...

Select account (p. 74)

◉ → ✉ → **Chat room**
→ **Login**

The current contact list or the overview is displayed (if necessary, set account first, p. 74).

Specify your own status (p. 75)

Options	Open menu.
My settings	Select and make entries.
☎	Return to contact list.

Enter new contact

Options	Open menu.
Set	Press, then:
Add contact	select and enter at least the user ID.
☎	Return to contact list.

Hold dialogue with new contact (p. 73)

↕	Select the contact.
◉	Start dialogue.
◉	Open editor.

⌨	Write text.
●	Send text ...
	... and so on.

Login

● → ✉ → **Chat room** → **Login**

Select the last account used (see also **Automatic login:** p. 75).

Contact lists

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

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

Displays in the list:

-Conversation

Displays online contacts for whom there are messages.

-Online

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

-Group

Groups for Inst. Messaging with several contacts.

-Offline

Contacts who are not online at present.

Manage contacts

↕	Select a contact.
Options	Open menu.
Set	Select.

Contacts

Different functions are offered depending on the selection:

Add contact	**User ID:** Enter an unambiguous user (login) name. **Nickname:** Enter your own nickname for the contact. **Friend:** The contact receives the status **Friend:** and access to personal information (p. 75).
Find contact	Search for contact.
Delete contact	Delete contact from the list.
Block contact	No more messages are received from the contact and the contact receives no status information from you. This function works for all your lists.

Manage groups

●	Select one of the groups you set up yourself.
Options	Open menu.
Set	Select.

Group settings

Different functions are offered depending on the selection:

Add member	Add a new group member, see also **Add contact**.
Find member	Search for group member.
Invite	Invitation to the contacts in your own group to Inst. Message.
Delete member	Delete contact from the group member list.
Add group	Add new group.
Find group	Search for group on the server (also groups no longer managed in the list).
Create group	**Group ID:** Enter an unambiguous group name. **Name:** Name of group. **Topic:** Topic of group. **Searchable:** Other people can look for the group. **Welcome msg.:** Enter own greeting.
Create group	Delete group.

Create a new contact list

The current contact list is displayed.

Options Open menu.

Contact lists
Available contact lists are displayed.

Options Open menu.

Create Select.

Contact list ID:
Give the contact list an unambiguous name.

Name: Allocate self-explanatory name.

◉ Confirm.

Contact list options

Options Open menu.

Details !	Additional information about the contact or the group.
My settings	Information on your current personal status (p. 75).
Set	Functions for managing a contact or a group.
Contact lists	Display contact lists for selection.
Block listtp	Display all blocked contacts. Can be unblocked.
App. settings	Set the application (p. 75).
Exclude	End the application; the server remains connected.
Logout	Log off from the server and return to start menu.
Help	Display help text.

Start Chat room

A contact list must be displayed.

▲●▼	Select a contact or a group.
◉	Start communication with the contact. The page with the **Chat room** is displayed. When a group is engaged in a dialogue, the name of the sender is placed in front of each contribution.
◉	Open editor.
▦	Write text.
◉	Send text. The text appears in the **Chat room** soon afterwards.

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

Options (individual contact)

Options Open menu.

Send sound !	Select and send a melody/ sound from the list (DRM, p. 20).
Send picture !	Select and send a picture from the list (DRM, p. 20).
Send other !	Send any file.
Details	Information about the contact, if they authorise this.
Clear all	Delete all texts in the current Inst. Message.
Block contact	No more messages are received from the contact and the contact receives no status information from you. This function works for all your lists.

Options (group contact)

Options Open menu.

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

Receiving objects

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

Accept Accept object

or

Reject Reject object.

Msg. history

◉ → ✉ → **Chat room**
→ **Msg. history**

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

Requirement: The server must be disconnected, see **Exclude** (p. 72) and **Automatic login:** (p. 75).

Setting

◉ → ✉ → **Chat room**
→ **Settings**
→ Select function.

Account

The list of available accounts is displayed.

⬍/◉ Select an account to establish a connection.

Or

<New entry>/Account sett.

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

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

My settings

Information on your current personal status:

Alias:	Your own alias under which you can be found on the server.
Screen name:	Name to be displayed in the group.
Mood:	Information about your own mood, e.g. **Happy**, **Sad**, **Tired** etc.
Status text:	General text information, e.g. "Am at home".
Availability:	Availability: **Available**, ,
Cellphone:	Enter the phone number with international dialling code.

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

Public
All contacts.

Private
Contacts designated as **Friend:** (p. 70).

Hide
Nobody.

App. settings

Settings for the application used:

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

CB services

◉ → ✉ → **Msg settings**
→ **CB services**

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

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

Receive CB

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

Topic list

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

New topic Select.

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

Topic	Select
Options	Open list menu.

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

CB languages

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

Displays

☑, ☐	Topic activated/deactivated.
✉	New messages received on the topic.
📨	Messages already read.

Zoom in

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

Default	Medium font size
Zoom +	Large font
Zoom -	Small font

Surf & fun

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

Access to the service provider

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

Internet

◉ → 🌐 → **Internet**

The browser is activated with the pre-set option as soon as you call up the function (**Browser settings**, p. 78; may be specified/pre-assigned by service provider).

Browser menu

Options Open menu.

Homepage	Call up the pre-set homepage for the current profile.
Bookmarks	**List bookmarks** Display list of bookmarks stored in the phone. **Bookmark site** The current page is saved as a bookmark.
Go to...	Enter URL to dial an Internet address directly, e.g. **wap.siemens.com**
Reload	Reload current page.
Show URL	Display the URL of the page currently loaded for sending via SMS/MMS/ e-mail.
History	Display most recently visited Internet sites.
Disconnect	Disconnect the Internet.
File	Save object on the current page or save the complete page; display saved pages.
Settings	Set or reset browser (p. 78).
Exit browser	Close the browser.

End connection

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

Navigation in the browser

◉	• Select a link. • Settings, status on/off.
☎	• Press **briefly**: one page back.
⬍	• One input field/link forward/back. • Scroll one line.

Display symbols in the browser (selection)

🌐⇨	Connect	🌐	No network
🌐	Network	🌐GPRS	GPRS online

Enter special characters

*	Table of special characters (p. 26).
0 +	List of special characters, depending on the situation.

Browser settings

◉ → 🌐 → **Internet**

Options	Open menu.
Settings	Select.

Browser	Set start option as well as handling of pictures and sounds plus send options.
Profiles	The list of profiles is displayed for activation/setting. For more information, contact your service provider.
Protocol parameters	Set protocol parameters, push messages and abort time as well as handling of cookies.
Security	Set encryption.
Context	Reset session; delete cache, history and cookies.

Your Internet browser is licensed by:

OPENWAVE™ RSA™ SECURE

Profiles

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

Profil pre-set

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

↕	Select profile.
◉	Activate profile.

Set profile manually

If necessary, please contact your service provider.

Options	Open menu.

Edit	Start processing. For the Internet-specific settings below, please contact your service provider.
Delete	Delete selected profile.

Bookmarks

◉ → 🌐 → **Bookmarks**

Display URL/call up page

List bookmarks

Display list of bookmarks stored in the phone.

↕	Select bookmark.
◉	Call up URL.

Save

Bookmark site

The current page is saved in the phone as a bookmark.

Bookmark options

Options	Open menu.

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

Games and Applications

Games and applications are offered on the Internet. Once downloaded, you can access these via the phone. Most applications include instructions. Some applications and games are already pre-installed on your phone. You will find these described under
www.siemens.com/m75

Requirements

Browser profile (p. 78) and access (p. 97) must be configured already.

Download

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

◉ → 🌐 → **Games**

or

◉ → 🌐 → **Applications**

Load or start games, or else start applications or reload them with **Download-Assistant**.

Description file only

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

or complete download

☆ The application/game is completely loaded.

Apply

Remember that applications/games may be protected (DRM, p. 20).

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

Download wiz.

◉ → 🌐 → **Download wiz.**

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

Games&More options

Processing and managing your applications and folders:

Move	Move applications between folders.
New folder	Create and name new folder.
Update	Reinstall an application (update).
Security	Select a security level.
Reinstall	Repeat after transmission error.
Properties	Show details of the application/folder (name, version, size, path, producer, date).
HTTP profile	Display profile list for activation/setting
(For standard functions see p. 22)	

Additional information

You can use the browser to download applications (e.g. ringtones, games, pictures, animations) from the Internet.
Siemens excludes all warranty and liability claims in respect of or in connection with any applications subsequently installed by the customer and any software not included in the original delivery package. This also applies to functions enabled subsequently at the customer's instigation. The purchaser bears sole risk for the loss of, damage to, and any defects arising in, this device or the applications and for any direct damage or consequential damage of whatever nature resulting from the use of this application. For technical reasons, such applications and subsequent enabling of certain functions are lost in the event of the device being replaced/re-supplied and may be lost if it is repaired. In such cases, the buyer is required to download or enable the application again.
Please ensure that your phone has Digital Rights Management (DRM) so that downloaded applications are protected from unauthorised reproduction. These applications are then exclusively intended for your phone and cannot be transferred from this even to create a backup.
Siemens offers no warranty or guarantee nor does it accept any liability for the customer's ability to download or enable applications again or to do so free of charge. We recommend that you carry out a backup from time to time of the applications on your Windows® PC using the “Mobile Phone Manager” (**www.siemens.com/m75**), p. 130.

Settings

Profiles

◉ → ⚙ → **Profiles**

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

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

Switch on

↕	Select default profile or personal profile.
◉	Switch on profile.

Profile settings

Edit a default profile or create a new personal profile:

↕	Select profile.
Options	Open menu.
Change sett.	Select.

The list of available functions is displayed.

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

Additional information

Call up the list in standby mode:

▲ The profile list is displayed.

The active profile is identified with ◉.

Profile options

Options	Open menu.

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

Car Kit

If an original Siemens car kit is used, the profile is switched on automatically when the phone is inserted into the cradle (see also p. 140).

Headset

The profile is only switched on automatically if an original Siemens headset is used (see also p. 139).

Airplane mode

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

Switch on

▼	Scroll to **Airplane mode**.
◉	Confirm selection.
◉	Confirm safety inquiry again in order to activate the profile. The phone switches itself off automatically.

Normal mode

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

Topics

◉ → → **Topics**

Load a completely new visual presentation onto your phone. At the press of a key various functions are re-organised on a theme basis, e.g.:

Start up/shut down animation, wallpaper, screensaver, start up/ shutdown melody, additional animations.

Theme files are compressed to save memory space. After being downloaded or called up from **My stuff**, these are automatically unzipped when activated.

Activating a new theme

⇕	Select theme.
◉	Display theme preview.
◉	Activate new theme.

Display setup

◉ → → **Display setup**
→ Select function.

Language

Set the language for the display text. When “automatic” is set, the language of your home service provider is used.

If a language that you do not understand happens to be set, the phone can be reset to the language of your home service provider with the following input (in standby mode):

***#0000#** ☎

Text input

T9 preferred

Activate/deactivate intelligent text entry.

Input language

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

Wallpaper

Set wallpaper graphic for the display.

Logo

Choose graphic to be displayed instead of the provider logo.

Color scheme

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

Screensaver

After a specifiable time, the screensaver shows a picture in the display. An incoming call and/or pressing any key will end the function except if the code protection is activated.

Change settings:

Change Settings are displayed:

Preview

Display the screensaver.

Style:

Select **Analog clock**, **Digital clock**, **Bitmap**, **Energy saving**

Picture:

Select image in **My stuff**.

Timeout:

Set period after which the screensaver starts.

Code protection:

The phone code is requested to close the screensaver.

Auto key lock:

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

Unlocking:

# Press and **hold**.

Note

The animated **Bitmap** screensaver and the **Digital clock** considerably reduce the phone's standby time.

Start up anim.

Select animation to be shown when phone is switched on.

Shutdn anim.

Select animation to be shown when phone is switched off.

Greeting

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

Large letters

You can choose between two font sizes for the display.

Illumination

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

⇕ Press the joystick repeatedly at the top/bottom to adjust up or down.

Ring tones

◉ → ◇ → **Ring tones**
→ Select function.

Set the signal tones on the phone to suit your requirements.

Ringer setting

On/off	Activate/deactivate all tones.
Beep	Reduce ringtone to a short signal (beep).

Silent alert

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

◉	Settings are displayed for changing.
↕	Select from several silent alert versions.
◉	Confirm setting.

Volume

Set different volumes for types of call/functions.

◉	Settings are displayed for changing.
↕	Select **Calls** **PoC** **Messages** **CB services** **Alarm clock** **Organizer** **System** **Applications**
OK	The ringtone sounds again.
↕	Set volume.
◉	Confirm setting.

Additional information

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

Assign ringtone

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

📖 Calls

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

Group calls

Assign a different ringtone to each group.

Other calls

Assign one ringtone to the remaining calls.

PoC

Assign one ringtone to PoC calls.

More melodies

Assign further ringtones for:

Messages
Alarm clock
Organizer
Startup melody
Shutdown mel.
or record new with:
Sound recorder (p. 121)

You will find a list of all supported formats for ringtones in **My stuff** (p. 129).

Call setup

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

Hide ID

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

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

Call waiting

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

Divert

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

Status check

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

☑	Condition set.
☐	Not set.
?	Display if status is unknown (e.g. with a new SIM card).

Clear all

All set diversions are cleared.

Set up call divert (example)

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

Unanswered

◉	Select **Unanswered**. (Includes the conditions **Not reachable**, **No reply**, **Busy**, see below)
◉	Confirm.
Set	Select.
◉	Confirm.
‡ → /	Select or enter the phone number to which the calls are to be diverted. **Mailbox** Use existing mailbox phone numbers, or enter them if necessary.
OK	Confirm. After a short pause, the setting is confirmed by the network.

All calls

All calls are diverted.

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

Not reachable

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

No reply

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

Busy

Divert occurs if a call is in progress. If **Call waiting** is activated (p. 31), you will hear the call waiting tone during a call (p. 33).

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.

Additional information

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

Reactivate divert

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

Call screening

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

Any key

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

Minute beep

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

Phone setup

◉ → 🔧 → **Phone setup**
→ Select function.

Key tones

Set the type of acoustic key acknowledgement.

Info tones

Set service and alarm tones:

On/off	Activate/deactivate tones.
Extended	If switched on, a wider range of service tones is available, e.g. end of menu reached, network connection interrupted.

Auto off

The phone switches off each day at the set time.

Activate

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

Deactivate

Manual	Press.
OK	Confirm.

Phone identity

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

Device check

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

Software version

Display the software version for your phone in standby mode:

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

Memory assis.

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

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

File system

Format

(Phone-code protected)

The telephone memory is formatted and **all** saved data such as ringtones, pictures, games, etc. is deleted.

Formatting may take longer than one minute.

Clean up

Create more memory by deleting temporary files no longer required.

Format card

All saved dataon the RS MultiMedia-Card are deleted.

Eject card

Allows the RS MultiMediaCard to be removed without loss of data.

Fact. settings

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

Alternatively, in standby mode enter:

***#9999#** 📞

Clock

◉ → ⚙ → **Clock**
→ Select function.

Time/date

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

Change	Press.
⌨	First enter the date (day/month/year), then the time (hours/minutes/seconds).

Additional information

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

Time zones

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

World map

◀●▶	Select the desired time zone.

City list

▲●▼	Select a city in the selected time zone.

Options Open menu.

Set	Set time zone.
Auto time zone ⌬!	Have the time zone automatically set by the network.
Search city	Search for a city.
Help	Operating instructions.

Date format

Select the display format for the date.

Time format

Select **24h** or **12h**.

Buddhist date

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

Show clock

Activate/deactivate time display in standby mode.

Auto time ⌬!

The timezone is identified automatically.

Connectivity

◉ → → **Connectivity**
→ Select function.

GPRS

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

◉ Switch GPRS on/off.

GPRS is a method for transmitting data faster in the mobile network. Use GPRS and if the network has sufficient capacity, you can be connected to the Internet permanently. The network provider charges only for the volume of data transmitted. Some service providers do not yet support this service.

Shown in the display:

GP RS	Activated and available.
GP RS	Registered.
GP RS	Temporarily interrupted.

GPRS info

Display the transmitted volume.

IrDA

◉ Activate/deactivate IrDA.

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

The infrared interface is on the left side of the phone. The distance between the two devices must not exceed 30 cm. The infrared windows in both appliances must be aligned as accurately as possible with each other.

Shown in the display:

IrDA activated.

During transmission.

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

Bluetooth® (BT)

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

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

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

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

◉ Activate/deactivate Bluetooth.

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

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

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

B-tooth setup

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

- **Search/Search all**

Specify which BT devices are to be searched for:

All	All BT devices
Audio	E.g. headset, car kit
Phone	Other BT phones
PC	Personal computer with BT connection

◉ Start search

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

◉	The search is ended and the first 10 devices found are shown in a list. **Repeat** Start new search.
⬍	Scroll to entry required.
◉	Dial the device or start the procedure for acceptance as a “confidential” device (see below).
Options	Open menu.

Details	Display the name and address of the BT device.
Trusted dev.	Add the device as confidential to the list of known devices. To do this, enter the password for the other device. The device must first be set to a “confidential mode”. If the list is full it is not possible to add another device.
to known list	Add to the list of known devices (see below).
to black list	Add to the black list (see below).
Retry	Start new search.

- **Known devices**

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

- **Last connect.**

List of most recently and/or still connected devices.

- **Black list**

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

List options

Each list offers different functions.

Options	Open menu.

Mark as audio	If not possible automatically, specify device as an “audio” device.
Higher priority	Move entry up the list so that, for example, a specific audio device is used first.
Lower priority	Move entry down the list.
to known list	Move entry to the list of known devices.
to black list	Move entry to the black list.
(For standard functions see p. 22)	

- **My BT name**

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

- **Visib.to others**

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

- **Not visible**

Your phone is not "visible" to other BT devices. Known devices such as Bluetooth-Headset/Car Kit continue operating.

- **Auto mode**

Your phone is "visible" to other BT devices for several minutes. You will then be asked if "visibility" should continue.

Shown in the display

	Bluetooth activated.
	Bluetooth visible to others.
	Bluetooth during data transfer.
	Call to Bluetooth device accepted.

Data services

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

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

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

If necessary, check with your service provider for details. You will also find the current settings for the service provider on the Internet at **www.siemens.com/mobilephones-customercare** in the FAQ section.

Select profile

⬍	Select the profile.
◉	Confirm selection.

Set profile

⬍	Select the profile.
Options	Open menu.
Edit	Open the selection.
⬍	Select **CSD settings**, and/or **GPRS settings**.
Edit	Make the settings as specified by your service provider.

HTTP profile

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

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

If necessary, check with your service provider for details. You will also find the current settings for the service provider on the Internet at **www.siemens.com/ mobilephonescustomercare** in the FAQ section.

● Make the settings.

Authentication

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

Fax/data

Fax/data mode using a PC

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

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

Send voice/fax

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

Rec voice/fax

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

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

End transmission

End transmission with PC software and/or press ☎.

Rcve fax/data

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

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

Security

◉ → → **Security**
→ Select function.

Auto key lock

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

Additional information

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

In each case:

#	Press and hold.

Direct call

(Phone-code protected)

Only **one** phone number can be dialled (see also p. 34).

Only

(PIN2 or phone-code protected)

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

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

PIN code

For description, see p. 24:

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

This SIM only

(Phone-code protected)

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

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

Barring

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

All outgoing

All outgoing calls except emergency numbers are barred.

Outgoing intl.

(International outgoing)

Only national calls can be made.

Out.int.x home

(International outgoing without home country)

International calls are not permitted. However you can make calls to your home country when abroad.

All incoming

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

When roaming

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

Status check

The following information can be displayed after a status check:

☑	Barring set.
☐	Barring not set.
?	Status unknown (e. g. new SIM card).

Clear all

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

Network

→ → **Network**
→ Select function.

Line

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

Select line

Select the currently used phone number.

	Display current phone number.

Protected

(Phone-code protected)

You may limit usage to one phone number.

Additional information

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

Switch from phone number/connection in standby mode:

0 +	Press.
Line 1	Press.

Network info

The list of GSM networks currently available is displayed.

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

Choose netwrk

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

Auto network

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

Preferred net

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

Your service provider is displayed:

List	Display list of preferred networks.

Create/change entry:

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

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

Furth.network

Select, enter the provider data and save it.

> **Additional information**
>
> If you are outside your home network, your phone automatically dials another GSM network.
>
> If the signal strength of the preferred network is inadequate when you switch on the phone, the phone may register in a different network. This can change when the telephone is next switched on or if another network is selected manually.

Band selection

Select either GSM 900, GSM 1800 or GSM 1900.

Fast search

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

User group

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

Active

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

Select group

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

All outgoing

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

Pref. group

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

Accessories

◉ → ⚙ → **Accessories**
→ Select function.

Car Kit

Only in combination with an original Siemens handsfree car kit (see p. 140). The car kit profile is activated automatically when the phone is inserted into the cradle.

Auto answer

(factory default: off)

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

☎ Shown on the display.

Automatic switch off

(factory default: 2 hours)

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

Car loudspk.

Improves playback in certain circumstances.

Automatic settings

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

Headset

Only in conjunction with an original Siemens headset (see p. 139). If an original Siemens headset is used the profile is automatically activated when the headset is plugged in.

Auto answer

(factory default: off)

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

Automatic setting

Accept call with Call key or PTT key (Push-To-Talk), even when the auto key lock is activated.

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

My menu

◉	Press.
My menu	Press.

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

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

Use

↕	Select the required entry.
◉	Confirm.
	Or
☎	If the entry selected is a phone number, you can also dial it with the Call key.

Change menu

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

↕	Select the required entry.
Change	The function list is opened for selection.
↕	Select the **new** entry from the list.
◉	Confirm. The entry is saved.
	If **Phonebook** is selected, the phone number must also be selected; if **Internet** is selected, the bookmark must also be selected.

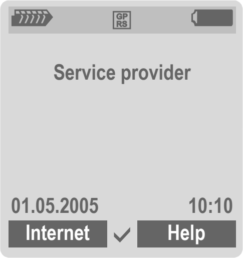
Reset all

(Phone code required)

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

Fast access

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



Additional information

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

The left softkey may sometimes be replaced automatically by ✉/📼 to access a new message for example.

Softkeys

Change

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

Internet	Press **briefly**.
Change	Scroll to new assignment in the list.
◉	Confirm.

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

Apply

In standby mode:

Application

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

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

Phone number

The assignment "Carola" is used here only as an example.

Carola	Press and **hold**. The phone number is dialled.

Speed dialling keys

Number keys 2 to 9 can be used as speed dialling numbers for fast access. Number key 1 is reserved for the mailbox phone number (p. 68) and number key 0 is reserved for switching between two connections during use (p. 102).

Change

In standby mode:

3 def	Press number key **briefly** (e.g. the 3).
	If this number is still free:
Set	Press.
	Select a new function from the list and confirm with **OK**.
	Or
	If an assignment has already been made to this key (assignment displayed above the right softkey): e.g. **Games.**
Games	Press **briefly**.
Change	Scroll to application in the list.
◉	Confirm.

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

Apply

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

In standby mode:

3 def	Press **briefly**.

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

Calendar	Press and **hold**.
	Or simply
3 def	Press and **hold**.

Organizer

Calendar

◉ → 📅 → **Calendar**

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

The calendar offers you three views:

Monthly view

Special colour coding:

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

Navigation:

◀●▶	One day forward/back.
▲●▼	One week forward/back.
◉	Daily view open.

Weekly view

Special displays:

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

Navigation:

◀●▶	One day forward/back.
▲●▼	Forward/backward by the hour through the day.

Daily view

Special displays:

Description of appointment.

Navigation:

◀●▶	One day forward/back.
▲●▼	To the start/end of the day or next/last entry.

Calend. setup

◉ → 📅 → **Calend. setup**

Start of day:

Time when the working day begins.

Start of week:

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

Weekend

Set the days for the weekend.

Show birthdays:

Shown in the display

Synchronising with a PC

With the mobile phone manager (p. 130) you can synchronise appointments, tasks and memos with Outlook® or Lotus Notes™.

Appointments

◉ → 🗓 → **Appointments**

Appointments are displayed in chronological order in a list.

Enter new appointment

<New entry>

Select.

Category:

Memo

Text input for description.

Voice memo

Enter voice memo. Shown with alarm.

Call

Enter phone number to be displayed with the alarm.

Meeting

Text input for description.

Vacation

Enter start and end date.

Birthday

Enter name and date.

Different input/selection fields are displayed depending on the type. The number of fields can be restricted, see **Default**, p. 110.

Description:

Description of nature of appointment.

Phone number:

Enter a phone number or select one from the Addressbook.

Voice memo:

Enter a voice recording, see **Dictat.machine**, p. 112.

Location:

Location of appointment.

Whole day:

All-day appointment: Yes/No

Start date:

Date when appointment starts.

Start time:

Time when appointment starts.

End date:

Date when appointment ends.

End time:

Time when appointment ends.

Alarm:

On/off or **Silent alert**.

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

Minutes, **Hours**, **Days**

Recurrence:

Select a timeframe for repeating the appointment:

No, **Daily**, **Weekly**, **Monthly**, **Yearly**

Enter a parameter for repeating:

Forever, **Until**, **Events** (number)

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

All fields/Reduced fields

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

Additional information

Display above set alarms:

⏰	Alarm clock
🔔	Appointment

An alarm sounds even when the phone is switched off (except in aircraft mode, p. 83). The phone does not go to standby mode. Press any button to switch the alarm off.

Information on the alarm

When the set date and time are reached there is an audio and a visual alarm. If an alarm is missed it appears in the list of missed appointments (p. 111).

Alarm type **Memo**:

Meeting: The text is shown in the display.

Alarm type **Call**: The phone number is displayed and can be dialled immediately.

Alarm type **Birthday**: You can send special birthday greetings by SMS, MMS, e-mail or a call via **Options**.

Use **Pause** to set the alarm to repeat.

Tasks

◉ → 📅 → **Tasks**

A task is displayed like an appointment in the agenda of the selected day. However, unlike an appointment it does not require a time. When no time is entered the task appears at the top of the list every day until it is marked as completed.

The entries are made in the same way as **Appointments** (see "Appointments"). Then:

Status:

Select **Done** or **Outstanding**.

Priority:

Select 5 levels from **Lowest** to **Highest**.

Date used:

If activated with **Yes**, the following time input option is offered.

Date due:/Due time:

Enter the date and time by which the task is to be completed.

Alarm: As for **Appointments**.

Notes

◉ → 🗓 → **Notes**

Write and manage brief text notes.

Enter a new note

<New entry>	Select.
⌨	Enter text. The first line is displayed as a “title” in the notes list. Total length: max. 160 characters.
Options	Open menu.
Save	Save note. When **Confidential** is selected, a note is protected with the phone code.

Missed appts.

◉ → 🗓 → **Missed appts.**

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

Organiser options

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

Options Open menu.

Delete	Delete entry.
Delete by	Delete all entries prior to a certain date.
Delete all	Delete all entries after confirmation.
Delete done	Delete all completed tasks.
Activate/ Deactivate	Switch alarm on/off.
Filter	Display all entries with the selected feature.
Confidential	Protect note with phone code. We recommend that you do not store any passwords (PIN, TAN etc.) as notes.
(For standard functions see p. 22)	

Dictat.machine

◉ → 📅 → **Dictat.machine**

Use the dictating machine to record short voice memos.

- Use your phone as a dictating machine when on the move.
- Record a memo as a reminder or as a note for others.
- Add a voice memo to an appointment in the calendar.

New recording

<Record again>	Select.
	The remaining time available, as well as the recording time, are shown in the display.
◉	A brief beep sounds when the recording starts. Now dictate the text.
◉	Switch between pause/ record.
◀●	End recording.
	The recording is automatically saved with a time stamp. **Rename** with **Options**.

Playback

▲●▼	Select the desired recording.
◉	Switch between playback/ pause.
◀●/●▶	Press and **hold** for rapid rewind and fast forward.

Dictating machine options

Options	Open menu.

Handsfree	Playback through the built-in loudspeaker.
(For standard functions see p. 22)	

Time zones

◉ → 📅 → **Time zones**

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

World map

◀●▶	Select the desired time zone.

City list

▲●▼	Select a city in the selected time zone.

Time zone options

Options	Open menu.

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

Extras

SIM services (optional)

◉ → ✱ → **SIM services**

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

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

📱 Symbol for SIM services.

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

Music player

◉ → ✱ → **Music player**

With the Music Player, you can play music files, e.g. in AAC format, and group together several tracks as a playlist. Music files and playlists are stored by default in **My stuff**/**Sounds**.

Music files can, for example, be downloaded from the Internet or transferred to the telephone via a PC connection (p. 20).

Playing music

You can play music by

- Starting the **Music player** and selecting a track or a playlist.
- Selecting a music file directly from **My stuff** and opening it.

# ⊸ Press and hold to lock/unlock keypad, when a music file is playing.

Displays

Music Player entries appear in the following order:

Folder – Playlists – Music files

New play list

<New Play list>
Select.

⌨ Enter a name for the playlist.

◆ Select the required track.

Repeat the process until the playlist is complete.

Template: X75, Version 2.2; VAR Language: am; VAR issue date: 050524

Music Player options

Options Open menu.

Different functions are offered depending on the situation.

Shuffle	Random playback of tracks in the current directory.
Repeat	Repeat tracks in a playlist.
New play list	Create a new playlist.
Add to play list	Add a track to the playlist.
Properties	Display information about a track or a playlist.
(For standard functions see p. 22)	

PoC

This application can be used to simultaneously connect multiple subscribers. Like a normal Walkie-Talkie, only one subscriber can speak at a time. The others can only listen until the speaker allows others to talk.

A recipient is selected using their PoC address (PoC ID) or their phone number. Groups created in advance (p. 118) can be invited to a session. Your service provider will supply you with your own PoC address.

The recipient can also use a mobile phone, as well as a PC with an Internet connection and headset (depending on service provider).

To use the application, GPRS (p. 94) must be switched on and **PoC** (p. 120) activated.

Preparing a session

From the Addressbook

▼ Open Addressbook (in standby mode).

▲▼ Select an entry with a PoC ID(**Com. services**).

📶 The session with the selected subscriber is started. For details of how to invite additional subscribers, see p. 116.

From standby mode

◉ → ★ → **PoC**

<New session>

Select.

The possible functions as well as already added subscribers are displayed.

You have several options to combine the subscribers:

<Add from 📖>

⬍	Search and mark recipient in Addressbook.
◉	Add recipient.

Or

<Add f. sess.>

⬍	Select a subscriber from an earlier session.

Or

<Enter ptt ID>

⌨	Enter PoC ID of a recipient.
Selection	Add entries.

Or

<Add from grp>

⬍	Select group.
◉	Open
⬍	Select and mark recipient.
Selection	Add recipient.

Starting a session

If all the desired subscribers are combined, start the session:

▯	The subscribers are displayed, and the authorised speaker is shown in bold.

Speaking rights

The list of subscribers is displayed. The current authorised speaker is shown in bold.

▯	Request speaking rights. The delegation of speaking rights is displayed and then the requester can talk.
▯	Returning speaking rights.

Additional information

Depending on the setting for **Hold mode** (p. 120) ▯ must be pressed and held as long as one speaks.

If the person with speaking rights takes a long pause, the speaking rights are automatically released again.

Inviting additional subscribers

You can invite additional subscribers during a session.

Options	Open menu, select **Invite** and mark new subscribers.

You are being invited

The invitation is shown in a window. You can accept/refuse this invitation.

◉	Accept the invitation.

The list of subscribers is displayed.

Leaving the session and ending

Only if you yourself started the session.

Options Open menu.

End session
Select. You will leave **and** end the current session.

Letting the session run in the background

The current session remains open in the background and you can listen to the calls. A phone call ends the session.

☎ Press and **hold**.

Request speaking rights:

Press.

View the session again:

◉ → ★ → **PoC** → **Sessions**

PoC options

Options Open menu.

Different functions are offered depending on the situation.

History view	Display of subscribers in order of speaking.
Session view	Display of subscribers for the current session.
End session	End session.
Session details	**Start time**, **Status**, **Duration**, **Type** etc.
User details	Display subscriber properties (see also **My presence**, p. 119).
Add to 📖	Save PoC ID in Addressbook.
Invite user	Invite a subscriber to a session.
Add to group	Add subscriber to the group.
Clear	Delete the list except for the last entry.
Handsfree	Switch on handsfree talking (loudspeaker).
Request pres.	Request information about the readiness to receive for a subscriber.
Volume	Set volume. ⬍ is also possible.
(For standard functions see p. 22)	

Sessions

◉ → ✶ → **PoC** → **Sessions**

Display subscriber list for the current session. The authorised speaker is shown in bold.

Records

◉ → ✶ → **PoC**
→ **Records**

Select the list of received and made PoC calls as well as the option to delete all lists.

You can mark subscribers for one session in the list.

Start session.

The function **Save as group** in **Options** can be used to combine entries in the list into a new group.

Groups

◉ → ✶ → **PoC**
→ **Groups**

Only **your** groups are displayed and can be edited.

Setting up a new group

<New entry>	Select.
	Fill in input fields:
PoC ID:	Subscriber ID.
Name:	Group name.
Type	**Now** or **Chat**.
Max users:	Maximum number of group members ("0" means "no limit").
Membership:	Set if membership in this group is open to everyone (**Open**) or if the subscriber is limited to the member list (**Limited**).
Memberlist	Add member to the group.
Reject list	List of subscribers which may not become members of this group.
Save	Save group.

<Rejectlist>

List of subscribers with whom a session is not desired. Invitations from this list are always refused automatically.

<Acceptlist>

List of subscribers whose invitation is automatically accepted (see also **Auto answer** p. 119).

Starting a session (group conversation)

⬍	Select group.
📱	Start session.

Viewing group properties

⬍	Select group.
◉	View properties.
Options	Open menu.

Add to 📖	Copy group ID to the Addressbook.
Edit	Edit (your own) group.
Copy ID to clip	Save group ID (PoC ID) in the clipboard.
Memberlist	Display the member list.
Reject list	Display the refused subscribers.

My presence

◉ → ★ → **PoC**
→ **Presence** → **My presence**

The following properties (yours) can be set:

Interruption	Allow, forbid interruption
Mood	Display your mood.
Notes	Note.

Settings

◉ → ★ → **PoC**
→ **Settings**

Some settings must be made by the user or can be copied from your service provider.

⬍	Select and confirm the function, area.

Load settings

Download settings from the server of the service provider.

PoC online

Log in/out, status information for login.

Block PoC calls

Allow/block PoC calls.

Auto answer

Automatically accept invitations because of the **Accept list** (p. 119).

Use Acc.& Rej.

Activate/deactivate the use of **Accept list**/**Reject list** (p. 119/p. 119).

PoC

- **PoC enabled**
  Activate/deactivate PoC.
- **History length:**
  Number of entries in the list.
- **Timeout(min.):**
  PoC is put in the background if not used after an adjustable amount of time.
- **Hold mode**
  Depending on the setting, ▯ must be pressed and held to speak.
- **Default view**
  Session view or **History view**.
- **Request pres.**
  The saved properties are displayed.

Server

Settings for the server. Please check with your service provider.

Advanced

Further settings. Please check with your service provider.

Additional information

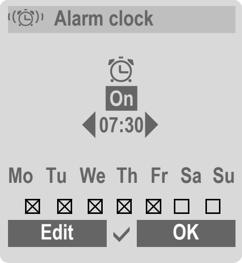
If an accessory such as the car kit is connected, its PTT key also functions as a PoC-key.

Alarm clock

◉ → ✯ → **Alarm clock**

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

Edit	Press to set.
◀●▶	Activate/deactivate the alarm.
▼	Switch to time setting.
⌨	Set alarm call time (hh:mm).
▼	Switch to week days.
◀●▶	Navigate to the various days.
◉	Display options: alarm call time and days.



Alarm clock

On

◀ 07:30 ▶

Mo	Tu	We	Th	Fr	Sa	Su
☒	☒	☒	☒	☒	☐	☐

Edit ✓ OK

◉	Set days for alarm calls. Press again to delete the highlighting. Press and **hold** to highlight/unhighlight all the days.
OK	Confirm setting.

Additional information

⏰	Screen display in standby mode: alarm clock activated.

Use **Pause** to set the alarm to repeat.

Sound recorder

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

New recording

Start from main menu

◉ → ☆ → **Sound recorder**

or also start from another application:

<Record again>	Select. The remaining time available, as well as the recording time, are shown in the display.
◉	A brief beep sounds when the recording starts.
◉	Switch between pause/record.
◀●	End recording. The recording is saved with a timestamp in the **Sounds** folder. **Rename** with **Options**.

If starting from another application, e.g. create MMS:

Insert	Transfer the recording into the application.

Playback

▲●▼	Select the desired recording.
◉	Switch between playback/pause.
◀●/●▶	Press and **hold** for rapid rewind and fast forward.
Options	Open menu.

Handsfree	Playback through the built-in loudspeaker.
Set as...	Set the recording as a ringtone.
(For standard functions see p. 22)	

Calculator

◉ → ✱ → **Calculator**

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

▦	Enter digit(s).
◀●▶/▲●▼	Navigate functions.
◉	Use function.
▦	Enter digit(s).
◉	Use function. The result is calculated and displayed immediately.

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

Calculator options

Options Open menu.

Convert	Call up the unit converter with the current result.
Clear all	Delete all units.
Extended mode/ Basic mode	Convert calculation functions.
Memory save, Memory recall, Memory clear	Save or recall result; delete memory.
(For standard functions see p. 22)	

Unit converter

◉ → ★ → **Unit converter**

You can convert various measurement units into other measurement units.

The following types are offered with various units:

- **Velocity**
- **Mass**
- **Time**
- **Area**
- **Power**
- **Currency**
- **Energy**
- **Pressure**
- **Volume**
- **Length**
- **Temperature**

Example for **Velocity** units:

Type	Units
Velocity	**Kilometers/h**, **Meters/sec**, **Miles/h**, **Miles/sec**, **Knots**, **Mach**

Converting the units/currency

◀●▶	Select the source unit/ currency.
▼	Switch to the input field.
⌨	Enter the quantity to be converted.
▼	Switch to the selection field.
◀●▶	Select the target measurement unit/currency. The result is displayed.

You can use both input fields alternately.

◉	Opens the calculator with the current converted value.

Special key functions:

*	Set decimal point.
#	Change sign.

Currency

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

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

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

Options	Open menu.

Add currency	Enter new currency and exchange rate.
Set as base	Use entered currency as base currency.
Edit rate	Change the exchange rate of the base currency.
Calc.	Start calculator.
(For standard functions see p. 22)	

Stopwatch

◉ → ★ → **Stopwatch**

Two intermediate times can be recorded and saved.

Display, also in standby mode.

Start / **Stop**

*	Save intermediate time.

After a stop:

Reset	Reset to zero.

Stopwatch options

Options	Open menu.

Stopwatch list	Display saved entries.
(For standard functions see p. 22)	

Countdown

◉ → ★ → **Countdown**

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

Display, also in standby mode.

If **no time** has been entered:

◉	Open input window.
⌨	Set period of time.
◉	Confirm.
◉	Start countdown.

If **a countdown** time is specified:

◉	Start countdown.

While the time is elapsing:

◉	Interrupt counter.
◉	Let counter continue running.
Reset	Reset counter to starting time.
Edit	Enter new period of time and confirm with **OK**.

Remote synchronisation

◉ → ★ → **Remote sync.**

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

www.siemens-mobile.com/syncml

Synchronise

Sync	The computer is selected and synchronisation started. When completed, the actions which have been performed are displayed.
Next	Scroll through the various displays.

Sync. setting

The following settings can be made prior to synchronisation:

Active profile

You can choose between 5 profiles.

▲▼	Select profile.
◉	Activate profile.
	Or
Edit	Set profile.

Server sett.

Providers	Display the current service provider.
Homepage:	e.g. **www.siemens-mobile.com/syncml**
Port:	Enter port number e.g. 80.
User name:	Enter user name (login name).
Password:	Enter password (shown as a series of asterisks).
Calendar path:, Contacts path:, Notes path:, Tasks path:	
HTTP authentication.	Confirmation required; **Yes**/**No** (if **No**, the input fields are not visible).
HTTP name:	Enter name.
HTTP password:	Enter password.

Last sync:

Time of the last synchronisation.

Sync. mode

- **Sync data: Modified data** or **All data**
- **Sync instruction: Two-way**, **Device update** or **Server update**

Sync items:

Highlight database areas to be synchronised:

Calendar, Contacts, Notes, Tasks

◉ Save settings.

Device manag.

◉ → ★ → **Device manag.**

If you were informed about software updates by a push message, you can establish a connection to the provider's server using the Device manager, so you can download them. When downloading is finished, you will be asked to switch the phone off and on again. Afterwards, the software of your phone will be updated. Please follow the instructions in the display.

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

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

Active profile

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

Sync	Establish a connection to the active profile.

Or

Edit	Call up profile list.
⬍	Select profile.
◉	Activate profile.

Or

Edit	Set profile.

Last connect.

Display last connection.

Media player

The Media Player is started by the application if you play a media file that has been received by SMS/MMS or downloaded from the Internet.

◀●▶	Press **briefly** to scroll to the next media file.
0 + – 9 wxyz	Switch on display illumination.

Pictures

The following functions can be applied to a displayed picture:

◉	Zoom function if the displayed picture has a higher resolution than the display.
◀●▶	The joystick moves the picture detail. 5 jkl Centre the picture.
# ⊸	Switch to full screen mode and back again.
Send	Send via MMS or e-mail, for example.

Melodies/playlists/video

The media playback offers the following functions for music, playlist and video playback:

◉	Play or stop, depending on the situation.
▲●▼	Set volume.
* 🔔	Switch to mute.
Stop	Pause function.
☎	End playback.

Options

Options	Open menu.

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

Volume	Set the volume with the joystick.
Set as...	Set picture as **Wallpaper**, **Logo**, for example, and sounds, for example, for **Incoming call**, **Startup melody**.
Slideshow	Automatic run-through in full screen mode. Change individual picture with joystick.
Edit	Access to picture editing.
(For standard functions see p. 22)	

My stuff

To organise your files, you can use the file system like a PC file manager. There are separate folders for the various data types in **My stuff**. If, for example, you want to download new pictures or sounds, the download function is contained in the relevant folder.

Remember that pictures and sounds may be protected (DRM, p. 20).

◉ → 🗁

The list of the folders and files is displayed. The first entry in **My stuff** is always the RS MultiMediaCard (p. 129).

Navigation

⬍	Select file/folder in lists.
⬌/⬍	The cursor can be moved as required in the preview.
◉	Open folder and start download or start file with the related application.

My stuff options

Options Open menu.

Move	Place highlighted file(s) or folder in temporary memory.
Copy	Place highlighted file(s) or folder in temporary memory.
Paste	Transfer content of temporary memory into current folder.
New folder	Create a new folder and name it.
Preview/ List view	Switch over to miniature view/view of list.
Properties	Display information on file or folder selected.
Format card	Format inserted **RS MultiMediaCard**.
Eject card	Allows the RS MultiMediaCard to be removed without loss of data.
(For standard functions see p. 22)	

Directory structure

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

Folder	Description	Format
MultiMedia-Card	Access to the card	
Pictures	Pictures	bmp bmx jpg/jpeg png gif
Videos	Videos	3gp
Animations	Start up/shut down animations	bmx gif
Sounds	Melodies, music	mp3 m3u aac(+) mid amr wav
Topics	Loaded theme (zipped)	sdt
	Theme configuration (unzipped)	stc
Color skins	Colour skins for the user interface	scs
Games	Java archive Download info	jar jad
Applications	Applications	*
Other	Text modules Voice recordings	tmo vmo

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

RS MultiMediaCard

The RS MultiMediaCard gives your phone a very large memory capacity. This allows you to save picture/video files, and sound recordings, for example. However, you can also use this memory card like a floppy disk to save any other files you may wish to save.

◉ → 🗀 → ◉

The list of the folders and files is displayed. The first entry is always **My stuff**.

The folders and files on the memory card are managed in the same way as in **My stuff**. If the memory card assigns a file to a function in the phone such as a ringtone, this is copied to **My stuff**.

Additional information

RS MultiMediaCard is a trademark of the MultiMediaCard Association.

Changing the RS MultiMediaCard (p. 17)

New RS MultiMediaCard™

1. Create a backup copy on a PC of the data on the old memory card.
2. Format the new memory card.
3. Copy the data from the PC onto the new memory card.

Mobile Phone Manager

The Windows® PC program, Mobile Phone Manager, enables you to use extended phone functions from your PC. For example, you can update your Addressbook in the phone, read, save and send SMS and MMS messages, or synchronise your phone with Outlook® or Lotus Notes™. The phone and PC communicate via a data cable (see p. 139).

You can download the software from the Internet:

www.siemens.com/m75

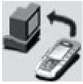
Contacts management

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

SMS and MMS management (messages)

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

Backup and restore



With the back-up function, you can regularly make a back-up copy of your telephone data on the PC. If you ever lose the data on your phone or replace the phone, you can quickly re-instate all data with the restore function. Please observe any possible restrictions for DRM-protected data (p. 20).

Bookmark management (browser & bookmarks)

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

Phone explorer

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

GPRS modem

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

Processing pictures and photos (images)

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

Ringtone management (sound)

The sound module allows the user to manage nearly all sound formats easily and to save them on the phone.

Questions & Answers

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

Problem	Possible causes	Possible solution
Phone cannot be switched on.	On/Off key not pressed long enough.	Press On/Off key for at least 2 seconds.
	Flat battery.	Charge battery. Check charging indicator in the display.
	Battery contacts dirty.	Clean contacts.
	See also below under “Charging error”.	
Standby time is too short.	Frequent use of organiser and games.	Restrict use if applicable.
	Fast search activated.	Deactivate speed search (p. 103).
	Display illumination switched on.	Switch off display illumination (p. 86).
	Unintentional keystrokes (illumination!).	Activate key lock (p. 100).
Charging error (charge icon not displayed).	Battery totally discharged.	1) Plug in charger cable, battery is on charge. 2) Charge icon appears after approx. 2 hours. 3) Charge battery.
	Temperature out of range: +5 °C to +40 °C.	Make sure the ambient temperature is right, wait for a while, then recharge.
	Contact problem	Check power supply and connection to the phone. Check battery contacts and telephone connection socket, clean them if necessary, then insert battery again.
	No mains voltage.	Use different mains power socket, check mains voltage.
	Wrong charger.	Only use original Siemens accessories.
	Battery faulty.	Replace battery.
SIM error.	SIM card not inserted correctly.	Check that the SIM card is inserted correctly (p. 16).
	Dirty SIM card contacts.	Clean SIM card with a dry cloth.
	SIM card with wrong voltage.	Use 1.8 or 3 V SIM cards only.
	SIM card damaged (e.g. broken).	Carry out a visual check. Have service provider change the SIM card.

Problem	Possible causes	Possible solution
No network connection.	Weak signal.	Move higher, to a window or an open space.
	Outside GSM range.	Check service provider's coverage area.
	Invalid SIM card.	Complain to the service provider.
	New network not authorised.	Try manual selection or select a different network (p. 102).
	Network call barring is set.	Check network barrings (p. 101).
	Network overloaded.	Try again later.
Phone loses network.	Signal too weak.	Reconnection to another service provider is automatic (p. 102). Switching phone off and on again can speed this up.
Calls not possible.	Second line set.	Set first line 1 (p. 103).
	New SIM card inserted.	Check for new barrings.
	Charge limit reached.	Reset limit with PIN2 (p. 46).
	Credit used up.	Load credit.
Some calls not possible.	Call restrictions are in place.	Barrings can be set by service provider. Check barrings (p. 101).
Impossible to make entries in Phonebook/ Addressbook.	Phonebook/Addressbook is full.	Delete entries in the Addressbook/Phonebook (see standard functions, p. 22).
Voice message not functioning.	Call divert to mailbox not set.	Set call divert to mailbox (p. 68).
▣! flashes to indicate an SMS.	SMS memory full.	Delete SMS messages (see standard functions, p. 22) or archive them (p. 53).
✉! flashes to indicate an MMS.	MMS memory full.	Delete MMS messages (see standard functions, p. 22).
☐! flashes to indicate an MMS.	Phone memory full.	Delete messages, pictures, videos, games or applications.
Function cannot be set.	Not supported by service provider or registration required.	Contact your service provider.
Capacity problems with, for example, Games & More, ringtones, pictures, videos, SMS archive.	Phone memory full.	Delete files in the relevant areas. You can use the memory assistant to delete specific files (p. 91).
No Internet access; downloading not possible.	Profile not activated, profile settings wrong/incomplete.	Activate or set browser profile (p. 78). If necessary ask your service provider.

Problem	Possible causes	Possible solution
Text message cannot be sent.	Service provider does not support this service.	Contact your service provider.
	Phone number for service centre not set or incorrectly set.	Set service centre (p. 55).
	SIM card contract does not support this service.	Contact your service provider.
	Service centre overloaded.	Repeat message.
	Recipient does not have a compatible phone.	Check.
EMS pictures are not displayed on the destination phone.	Destination phone does not support the EMS standard.	
No Internet access possible.	Incorrect browser profile set, or wrong or incomplete settings.	Check browser settings (p. 78), or contact your service provider.
PIN error/ PIN2 error.	Three wrong entries.	Enter the PUK (MASTER PIN) supplied with the SIM card according to the instructions. If you have lost the PUK (MASTER PIN), contact your service provider.
Phone code error.	Three wrong entries.	Contact Siemens Service (p. 135).
Service provider code error.	No authorisation for this service.	Contact your service provider.
Too few/too many menu entries.	Functions may have been added or deleted by the service provider via the SIM card.	Check with your service provider.
No fax possible.	Wrong settings in the PC.	Check settings (p. 98).
	No authorisation for this service.	Contact your service provider.
Charge meter does not work.	Charge pulse is not being transmitted.	Contact your service provider.
Damage		
Severe shock.	Remove battery and SIM and re-insert them. Do not dismantle the phone!	
Phone became wet.	Remove battery and SIM. Dry immediately with a cloth, but do not apply heat. Dry connector contacts thoroughly. Stand mobile upright in an air current. Do not dismantle the phone!	

Reset all settings to factory default, p. 92: * # 9 9 9 9 # ☎

Customer Care

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

Our online support on the Internet:

www.siemens.com/ mobilephonescustomercare

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

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

You will also find the most frequently asked questions and answers in the section entitled "Questions & Answers" in this user guide on (p. 132).

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

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

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

Abu Dhabi	0 26 42 38 00
Argentina	0 80 08 88 98 78
Australia	13 00 66 53 66
Austria	05 17 07 50 04
Bahrain	40 42 34
Bangladesh	0 17 52 74 47
Belgium	0 78 15 22 21
Bolivia	0 21 21 41 14
Bosnia Herzegovina	0 33 27 66 49
Brunei	02 43 08 01
Bulgaria	02 73 94 88
Cambodia	12 80 05 00
Canada	1 88 87 77 02 11
Chile	8 00 53 06 62
China	0 21 23 01 71 88
Colombia	01 80 07 00 66 24
Croatia	0 16 10 53 81
Czech Republic	2 33 03 27 27
Denmark	35 25 86 00
Dubai	0 43 96 64 33
Ecuador	18 00 10 10 00
Egypt	0 23 33 41 11
Estonia	6 30 47 97
Finland	09 22 94 37 00
France	01 56 38 42 00
Germany	0 90 01 00 77 00
Greece	80 11 11 11 16
Hong Kong	28 61 11 18
Hungary	06 14 71 24 44
Iceland	5 11 30 00
India	22 24 98 70 00 Extn: 70 40
Indonesia	0 21 46 82 60 81
Ireland	18 50 77 72 77
Italy	02 24 36 44 00
Ivory Coast	05 02 02 59
Jordan	0 64 39 86 42
Kenya	2 72 37 17
Kuwait	2 45 41 78
Latvia	7 50 11 18
Lebanon	01 44 30 43
Libya	02 13 50 28 82
Lithuania	8 70 07 07 00
Luxembourg	43 84 33 99
Macedonia	02 13 14 84
Malaysia	+ 6 03 77 12 43 04
Malta	+ 35 32 14 94 06 32
Mauritius	2 11 62 13
Mexico	01 80 07 11 00 03
Morocco	22 66 92 09
Netherlands	0 90 03 33 31 00
New Zealand	08 00 27 43 63
Nigeria	0 14 50 05 00
Norway	22 70 84 00

Oman	79 10 12
Pakistan	02 15 66 22 00
Paraguay	8 00 10 20 04
Peru	0 80 05 24 00
Philippines	0 27 57 11 18
Poland	08 01 30 00 30
Portugal	8 08 20 15 21
Qatar	04 32 20 10
Romania	02 12 09 99 66
Russia	8 80 02 00 10 10
Saudi Arabia	0 22 26 00 43
Serbia	01 13 07 00 80
Singapore	62 27 11 18
Slovak Republic	02 59 68 22 66
Slovenia	0 14 74 63 36
South Africa	08 60 10 11 57
Spain	9 02 11 50 61
Sweden	0 87 50 99 11
Switzerland	08 48 21 20 00
Taiwan	02 23 96 10 06
Thailand	0 27 22 11 18
Tunisia	71 86 19 02
Turkey	0 21 64 59 98 98
Ukraine	8 80 05 01 00 00
United Arab Emirates	0 43 66 03 86
United Kingdom	0 87 05 33 44 11
USA	1 88 87 77 02 11
Venezuela	0 80 01 00 56 66
Vietnam	84 89 20 24 64
Zimbabwe	04 36 94 24

Care and maintenance

Your phone has been designed and crafted with great care and attention and should also be treated with care. The suggestions below will help you to enjoy your phone for many years.

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

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

Product data

Declaration of conformity

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

CE 0168

Technical data

GSM class:	4 (2 watt)
Frequency range:	880 – 960 MHz
GSM class:	1 (1 watt)
Frequency range:	1,710 – 1,880 MHz
GSM class:	1 (1 watt)
Frequency range:	1,850 – 1,990 MHz
Weight:	110 g
Size:	110.5 × 51.5 × 21 mm (104 ccm)
Li-Ion battery:	750 mAh
Operating temp.:	–10 °C to +55 °C (+14°F to +131°F)
SIM card:	1.8 or 3.0 V

Phone ID

You will need the following information if you lose your phone or SIM card:

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

....

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

....

the customer service number of the service provider:

....

Lost phone

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

Operating times

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

Talktime: up to 300 minutes
Standby time: up to 250 hours

Action taken	Time (min)	Reduction of standby time by
Calling	1	30 – 90 minutes
Light *	1	40 minutes
Network search	1	5 – 10 minutes
* Key input, games, organiser etc.		

Accessories

Fashion & Carry

Carrying Cases

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

Siemens Original Accessories

www.siemens.com/shop

Energy

Li-Ion Battery (750 mAh) EBA-660

Spare battery.

Travel Charger

Travel Charger EU ETC-500t

Travel Charger UK ETC-510

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

Car Charger Plus ECC-600

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

Handsfree portable

Headset Basic HHS-500

Simple headset without PTT (Push-To-Talk) key

Headset HHS-510

Headset with PTT (Push-To-Talk) key to accept and end calls.

Headset Purestyle HHS-610

High quality headset with removable earpiece and PTT (Push-To-Talk) key.

Headset Stereo HHS-700

Stereo headset with PTT (Push-To-Talk) key for listening to music and making calls.

Headset Bluetooth®

HHB-600 with EU power supply unit

HHB-610 with UK power supply unit

HHB-620 with Australian power supply unit

Elegant, small, easy to wear Bluetooth headset.

Office

Data Cable DCA-500

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

Data Cable USB DCA-510

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

Data Cable USB DCA-540

For connecting the phone to the USB port of the PC.

Multitainment

Flash IFL-600

Plug-in flash module for taking photos in areas with low ambient light.

Mobile Music Set IMS-700

The portable Mobile Music Set allows to listen to the music of the mobile phone in excellent sound quality everywhere and share it with others via active loudspeakers.

Bike-o-Meter IBS-700

The innovative Bike-o-Meter with additional water protection cap for non-outdoor phones and included altimeter combines a robust and handy cradle for the mobile phone with a powerful bike computer.

Car Solutions

Mobile Holder Antenna HMH-710

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

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

Car Kit Comfort Basic HKC-710

Handsfree kit with first-class digital call quality and supreme ease of use. The phone specific Mobile Holder Antenna is necessary in addition

Car Kit Easy HKP-700

Facilitates convenient handsfree talking with high call quality. With the integrated, rotating cradle and the flexible microphone positioning, the telephone can be optimally adjusted to suit any vehicle interior. The power is supplied via the cigarette lighter socket.

Car Kit Portable HKP-500

With the Car Kit Portable hands-free communication is easily transferred from one vehicle to the next. Simply plug into the cigarette lighter, connect and speak.

Car Kit Bluetooth® Portable HKW-700

Bluetooth high-tech handsfree kit without cable connection to the mobile phone. Plugs into cigarette lighter socket – no installation effort.

Car Kit Bluetooth® HKW-600

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

Optional car kit accessories

Car Data Adapter HKO-690

Phone-In Adapter Cable HKO-570

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

Siemens Original Accessories

www.siemens.com/shop

SAR (M75)

RF EXPOSURE/SPECIFIC ABSORPTION RATE (SAR) INFORMATION

THIS SIEMENS M75 PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO ELECTROMAGNETIC FIELDS.

Your cell phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy established by the Federal Communications Commission (FCC) of the U.S. Government and by Health Canada. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed and confirmed by independent scientific organizations through periodic and thorough evaluation of scientific studies*. The limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for cell phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit established by the FCC and by Health Canada is 1.6 W/kg**. Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest 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, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and the manufacturer must certify to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body), reported to the FCC and available for review by Industry Canada. The highest SAR value for this Siemens M75 when tested for use at the ear is

0.80 W/kg***

and when worn on the body$^+$ is

0.70 W/kg***

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Internet Association (CTIA) web-site at **www.phonefacts.net** or the Canadian Wireless Telecommunications Association (CWTA) website **www.cwta.ca**

SAR information on this Siemens M75 phone is on file with the FCC and can be found under the Display Grant section of
www.fcc.gov/oet/fccid
after searching on FCC ID **PWX-M75**.

While there may be differences between the SAR levels of various phones and at various positions, all Siemens products meet the governmental requirements for safe RF exposure.

+ This cell phone has been tested for body worn operation and meets FCC RF exposure guidelines when used with a Siemens accessory designated for this product, where available, or when used with a carry accessory that contains no metal and that positions the handset at least 1.5 cm/0.69 in in is the correct testing distance from the body. Use of other carry accessories may not ensure compliance with FCC RF exposure guidelines.

* The World Health Organization (WHO, CH-1211 Geneva 27, Switzerland), on the basis of the current knowledge, does not see any necessity for special precautionary measures when using cell phones.
Further information:
www.who.int/peh-emf,
www.mmfai.org,
www.siemens.com/mobilephones

** averaged over 1 g of tissue.

*** SAR values may vary depending on national requirements and network bands. SAR information for different regions can be found at
www.siemens.com/mobilephones

Quality

Battery quality declaration

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

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

Display quality declaration

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

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

U.S. FDA

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.

How much evidence is there that hand-held 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]

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

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

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

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

In summary, we do not have enough information at this point to assure the public that there are, or are not, any low incident health problems associated with use of mobile phones. FDA continues to work with all parties, including other federal agencies and industry, to assure that research is undertaken to provide the necessary answers to the outstanding questions about the safety of mobile phones.

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

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

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

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

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

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

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

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

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

The National Institutes of Health also participates in this group.

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

If there is a risk from these products – and at this point we do not know that there is – it is probably very small. But if people are concerned about avoiding even potential risks, there are simple steps they can take to do so. For example, time is a key factor in how much exposure a person receives. Those persons who spend long periods of time on their hand-held mobile phones could consider holding lengthy conversations on conventional phones and reserving the hand-held models for shorter conversations or for situations when other types of phones are not available.

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

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

Where can I find additional information?

For additional information, see the following websites:

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

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

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

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

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

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

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.

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 voicemail answer it for you.

Suspend conversations during hazardous driving conditions or situations.

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

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

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

Dial sensibly and assess the traffic.

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

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

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

Use your phone to call for help.

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

Use your phone to help others in emergencies.

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

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

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

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

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

Provided by the Cellular Telecommunications Industry Association (CTIA)

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