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See also index at the end of this User Guide

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 SL91 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

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 whilst driving.



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



Small parts such as the SIM Card, dust cap, lens ring and lens cap as well as the Micro SD Card can be dismantled and swallowed by small children. The phone must therefore be stored out of the reach of small children.



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



Tones, music and handsfree talking are reproduced through the loudspeaker. Do not hold the phone to your ear when it rings or when you have switched on the handsfree function. Otherwise you risk serious permanent damage to your hearing.



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.



Do not use a handheld while driving.



Do not place the phone near to electromagnetic data carriers such as credit cards and floppy disks. Information stored on them could be lost.



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



Permanent hearing loss may occur if you use ear- or headphones at high volume. You can adapt over time to a higher volume, which may sound normal but can be damaging to your hearing. Set your volume to a safe level. If you experience ringing in your ears, reduce the volume or discontinue use of your system.



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 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 original accessories.

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

This cellular phone offers a range of functions, it can be used in positions other than the head, such as on the body. In this case, separation distance of **1.0 cm** is required. When a carry case, belt clip or holder is used for body-worn operation, it should not contain metal and should position the device the above-stated distance from your body.

Bluetooth®

Your phone has a Bluetooth interface. This makes it possible to establish a wireless connection with your phone and a headset, a car kit or 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 minimise security risks.
- You should restrict the "visibility" of your phone if possible. This will make it much more difficult for unknown devices to establish a connection with your phone. To do this, in the Bluetooth menu, set the option **Bluetooth visibility** from **On** to **Off** (page 103).
- 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 (**Bluetooth name**, page 103).
- 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.

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.

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, BenQ 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, BenQ encourages persons to use their phones responsibly and to employ hands-free devices. Also, if using your phone while driving, please:

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

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 six inches (6") be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers

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

Hearing aids

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

Other medical devices

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

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

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 batteries (100% mercury-free) and charging devices. Use of non-original batteries and/or charging devices may cause explosion resulting in serious injury and/or property damage. Use original 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.

Phone overview

Your phone is equipped with a touch-sensitive surface. The sensor keys react to the pressure of your fingers. Please avoid using your finger nails to activate the keys, since this may damage the phone. When the keys are active their outlines are lit. You can set a special key tone for the sensor keys (page 115). If the key lock is active, the sensor keys are not visible.

If no key has been used for a while, the display illumination is switched off and the display is not visible. Press and hold the navi key to activate the display illumination.



If the phone is switched off, open the slider to switch it on.

If not stated otherwise explicitly you can use all keys with the functions described regardless of the slider position.

You can accept/initiate calls even if the slider is closed.

① Softkeys

The current functions of these keys are shown in the bottom line of the display as **Text**/symbol.

② Call key

Dial the number/name displayed/highlighted, take calls. Open the call records in standby mode.

③ Off/End key

- In standby mode:
Press and **hold** to switch off.
Press **briefly** to open the switch off menu (page 21).
- During a conversation or in an application: Press **briefly** to finish.
- In menus: Press and **hold** to go back to standby mode.

Key lock if the slider is closed

Press **briefly** to activate the key lock. To release the key lock: Press the navi key to activate the display and the sensor keys. A prompt is displayed. Press the Off/End key  **briefly** and confirm with **OK** to release the key lock. You can also open the slider to release the key lock.

④ Task key

Press **briefly**: Open task switcher.
Press and **hold**: Open the main menu.

⑤ **C** Clear key

Text input: Clear characters one by one. Press and **hold** to delete text quickly.
Lists: Delete highlighted item(s).



① Earpiece

② Display

③ Navi key

- Press the navi key to select an option/list item or to start an application/function.
- In standby mode, press to open the main menu.

Charging Light Indication

You can set the navi key to blink while charging. When the battery is fully charged and the charging cable is still connected, the navi key light is permanently on (page 115).

④ Navi ring

Predefined in standby mode:

 Press **briefly**: Open the user profiles.
Press and **hold**: Start voice dialling (page 50).

 Open the Contacts.

 Open the Inbox.

 Start the Camera in picture mode.

In lists, messages and menus:

 Scroll up and down.

During audio playback:

 Control volume.

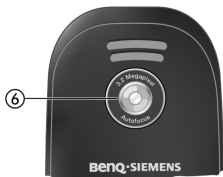
 Switch to previous/next track.

⑤ Camera key

Start the camera in picture mode.

⑥ Connection socket

For charger, headset etc.



① Camera lens (front camera)

The front camera is only available if the slider is open.

② Video call key

Press to open the video mode.

③ Voice mailbox

Press and **hold** in standby mode: Call voicemail (page 79).

④ Ringtone

- Press and **hold** in standby mode: Switch all audible signals on/off (except alarm). Vibration is activated automatically. The silent mode has no effect on the Media Player. You can change the vibration setting in the silent mode profile (page 104).
- Press and **hold** while an incoming call is signalled: Switch off ringtone for this call only.

⑤ Key lock if the slider is open

In standby mode: Press and **hold** to switch key lock on/off. Only emergency numbers can be dialled.
While dialling: Enter wildcard "?".

⑥ Camera lens (rear camera)

Opening/closing the slider

Opening the slider

Opening the slider has different effects depending on the current situation:

- If phone was switched off: the phone is switched on.
- In standby mode: The key lock is released automatically. The opening melody is played if activated. Press any key to end playback. Display and key light are switched on.
- Incoming call: You accept the call. A call in progress is not affected by opening the slider.
- Open applications remain open and in the background.
- Open prompts and notifications, e.g. in dialogs, are accepted.

Closing the slider

Closing the slider has different effects depending on the current situation:

- In standby mode: The closing melody is played if activated. Press any key to end playback.
Key lock is set automatically after about 3 sec. and the display and key light are switched off.
- Calls: All active/held calls are ended. If a headset is connected, you can continue the call. A warning tone is sounded.
- Incoming call: Reject call.
- Pending outgoing call is ended. If a headset is connected, an outgoing call is not affected.

- Generally all open applications are closed. A warning sound is played and a prompt is displayed asking whether or not you would like to continue the application. If you reject or ignore the prompt, the application is closed. Please note that unsaved data will be lost.
If you would like to continue an open application, you can put it in the background explicitly via the task key before closing the slider. Background applications remain open when the slider is closed.
- If the front camera is active (also in the background), a prompt is displayed asking whether you would like to continue with the rear camera.
- Data connections:
Ongoing data transfer (e.g. sending/receiving SMS/MMS or retrieving e-mail or ongoing synchronisation) and download are not affected by closing the slider.
During open Bluetooth or server connections, a prompt is displayed asking whether you would like to continue the connection.
- Open prompts and notifications, e.g. in dialogs, are rejected. Current events and alarms are switched off.

Display symbols

Display symbols (selection)

	Signal strength
	Charging
	Battery charge level, e.g. 50%
	Contacts
	Call records
	Internet
	Camera
	Messages
	Organiser
	Games
	Media player
	Video telephony
	Extras
	My stuff (file management)
	Settings
	All calls are diverted
	Only emergency calls possible
	Ringtone off
	Alarm set
	Keypad locked
	General profile active. If another profile is active (page 104), the corresponding icon is displayed.

	Micro SD card active
	USB connected to device
	FM radio
	Auto answer feature on
	Bluetooth active and visible
	Bluetooth active and invisible
	Bluetooth inactive and visible
	Bluetooth inactive and invisible
	Data transmitted via Internet

Events (selection)

	Voice mail received
	Missed calls
	New message
	SMS memory full
	Phone memory full

Message symbols (selection)

	Read (SMS, MMS, E-Mail)
	MMS with DRM content (page 24)
	E-mail forwarded
	E-mail with attachment

Camera symbols

	Brightness settings
	Zoom factor

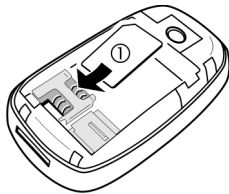
Getting started

Your phone's display is covered with a protective film. Remove this film slowly before using the phone.

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

Inserting the SIM card

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 in front of the slot with the contact surface facing **down**. Then press the SIM card down slightly to push it in ① (ensure that the chamfered corner is in the correct position).

Inserting/removing the Micro SD card

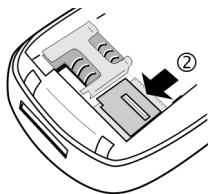
The Micro SD card gives your phone a very large memory capacity. This allows you to save picture/video files and sound recordings, for example. However, you can also use this Micro SD card like a floppy disk to save any other files.

You can access the list of folders and files in the My stuff menu (page 101).

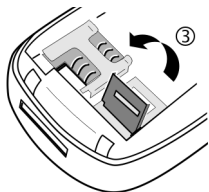
The number of files stored on your Micro SD card influences the access times. If more than 300 files are saved on your card, the performance of the phone is decreased.

To assign a file from the Micro SD card to a function in the phone such as a ringtone, you should copy the file to the phone. Otherwise the setting is reset to default when removing the Micro SD card.

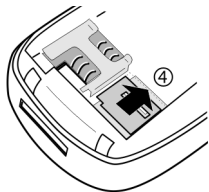
Please observe the manufacturer's operating instructions that come with the Micro SD card.



- Push back the metal cover of the Micro SD card holder in the direction indicated ②. The cover is released.



- Flip the Micro SD card holder up ③. Place the Micro SD card into the groove of the phone with the contacts facing **down** and in the correct position.

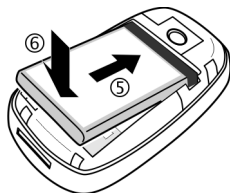


- To close the Micro SD card holder, click the metal cover down over the card and push it forward ④ until it engages.

New Micro SD card

- Create a backup copy of the data on the old Micro SD card on a PC.
- Format the new Micro SD card.
- Copy the data from the PC onto the new Micro SD card.

Inserting the battery



- Insert the battery into the phone ⑤, then press it downwards until it engages ⑥.



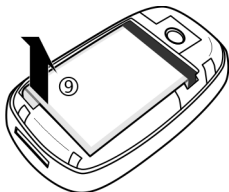
- To close the cover, place the cover in position ⑦. Then press it downwards, until it clicks into place ⑧.

Removing the battery

Attention

Please switch off your phone **before** removing the battery!

- To remove the cover, place a fingernail at the cutout end of the cover at the top of the phone and lift the cover off.



- To remove the battery, take hold of the battery at the corner indicated and lift the battery up ⑨.

Charging the battery

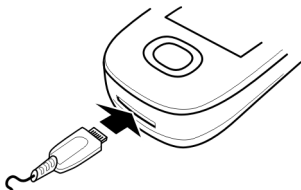
The battery is not fully charged when delivered. Plug the charger cable into the bottom of the phone, plug the power supply unit into a mains power socket and charge for at **least two hours**.

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

As an alternative, the battery can be charged in the desktop stand or via the USB port (Accessories, page 123) or in the desktop stand.

Desktop Stand

During charging the desktop stand is illuminated. To switch the lighting off when charging, turn the desktop stand upside down. Place the tip of a pencil into the hole on the middle of the stand and switch the lighting off.



Display during charging.

- In order to avoid damage, the SIM card should not be removed when the phone is connected to a charger or USB cable.
- You can set the navi key to blink indicating charging (page 115).

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 (+41°F to +113°F). 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.

The charge level of the battery is only displayed correctly after an uninterrupted charging/discharging cycle. You should therefore **not remove the battery unnecessarily** and where possible **not end the charging process prematurely**.

- The power supply unit heats up when used for long periods. This is normal and not dangerous.
- If the battery is removed for longer than 30 seconds, the clock will be reset.

Operating time and temperature

The operating time depends upon the respective network conditions and conditions of use. Certain functions may reduce the standby time, e.g. fast search (see page 126).

Extreme temperatures considerably reduce the phone's standby time. Avoid placing the phone in the sun or on a heater.

The phone may heat up during data transfer or when using 3G. This is normal and not dangerous.

Talktime

- 3G: up to 210 minutes
- GSM: up to 195 minutes

Standby time

- 3G: up to 250 hours
- GSM: up to 310 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.

Display while in service

Charge level display during operation (empty–full): 

Battery low warning

When the battery is almost empty you are warned twice. The first warning appears when the battery has 10 minutes of power remaining.

The second warning appears when the battery has 1 minute of power remaining.

OK

Press to confirm warning.

Powering off

If the battery is completely empty, the phone switches off automatically.

If phone has powered down because of low battery, it will power on again automatically when charged.

Switching phone on/off, entering PIN

Switching the phone on

Open the slider to switch the phone on.
Enter PIN or confirm prompt (page 30).
Your greeting message is displayed if activated (page 107).

The phone switches on automatically when:

- you charge the phone via USB **or**
- an alert or calendar event appears. If you do not respond, the phone switches off again. If you respond to the alert, the PIN is required.

If you close the slider before entering the PIN the phone is switched off again.

Entering the PIN

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



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

OK

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

You can change the PIN (page 29). To clear SIM card barrings, see page 30.

Selecting mode

If the phone was switched off in offline mode (see below):

Online mode/Offline mode

Select mode and confirm with .

Switching the phone off



Press and **hold** Off/End key.

Or



Press **briefly** and select one of the following options.

Switch off Switch phone off. Phone switches on automatically if alarm or calendar event occurs.

Offline mode Phone is not switched off, but has no connectivity (page 22). Press  to confirm.

Phone & alarms off Select if phone should **not** power on when an alarm or calendar event occurs while off. This mode is useful in hospitals or in aircraft, for example.

Switching between modes:



Press **briefly** and select **Offline mode/Online mode/Phone & alarms off**.



Confirm.

The shutdown is interrupted if:

- some files have not been saved or
- the phone is receiving an MMS.

A warning message is displayed.

Press **Yes** to continue shutdown. Files are not saved. Message is received when phone is switched on again.

Offline mode

In offline mode you can operate many phone functions but you are not connected to any network (you are not available for incoming calls and you cannot initiate a call).

This is the mode to be used in aircraft if you would like to use offline phone functions during a flight.

Emergency number (SOS)

Only to be used in real emergencies!

You can make an emergency call on any network **without** a SIM card and without entering a PIN (not available in all countries)

Open the slider to use the keypad.

SOS Press softkey.

Yes Confirm. The emergency number is dialed.

If the slider is open and key lock is active (page 14) only emergency numbers can be dialed.

Switching on your phone for the first time

When you switch on the phone for the first time or after the battery has been removed, you are prompted to set the time/date.



Select if you want to enter time/date.

Time zones



Select desired setting and change time zone in world map.



Select a city in the selected time zone.

Options

Open menu and select **Set time zone** to save.

Time/Date

Set the clock and date so that the correct time is displayed. You will not have to make this setting again.



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



Press to update time and date.

Further options and settings on page 117.

You can activate **Auto time mode** (page 118) to display local time by network if the network supports this function.

General instructions

Standby mode

The phone is in standby mode and is ready for use when the name of the service provider is displayed.



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

The following information might be displayed:

Logo

If logo or wallpaper is enabled (page 106) logo is displayed.

Clock

The current time is displayed.

Cell Broadcast messages

If CB display is enabled (page 78), a ticker with the latest message is displayed, scrolling horizontally if needed. The ticker is only available if there are no current events displayed in the alert region (see below).

Alert region

In the alert region the following message types can be displayed:

- New entries in missed calls list, voice mail or inbox.
- New content via Bluetooth.
- Missed calendar events.

The number of new entries is displayed (e.g. 1 Missed call).

Signal strength



Strong signal.



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

If the phone cannot obtain network service after 15 minutes the power save mode is used. The phone only attempts to acquire service in intervals.

Connectivity

Your phone supports different methods for transmitting data in the mobile network:

- The fastest method is 3G. If you use 3G, you can make video calls in high quality. You can be connected to the Internet permanently. Some service providers do not yet support this service.
- GPRS (General Packet Radio Service) is another method for transmitting data in the mobile network. With GPRS you can be connected to the Internet permanently if the network has sufficient capacity.

- GSM (Global System for Mobile Communications) is a fully digital standard for mobile networks mainly used for voice calls and text messages (SMS).

The different methods are used automatically depending on the surrounding network and your provider. You may set which method to use depending on your provider (page 122).

Digital Rights Mgmt. (DRM)

Remember that your phone has digital rights management. The use of downloaded pictures, sounds or applications can be restricted by the suppliers, e.g. copy protection, use for a limited period of time only, number of times they can be used, etc. Use the license manager to view/edit the rights associated with saved files (page 103).

User guide

Symbols

The following symbols are used to explain operation:



Enter numbers or letters.



Off/End key



Call key



Displays a softkey function.



Press the navigation key down, to call up the menu for example.



Display navigation function. Press navigation key in the direction indicated.



Function dependent on service provider, may require special registration.

Main menu

The main menu is displayed graphically with symbols:



Call up from standby mode.

Or



Press and **hold** in any situation.



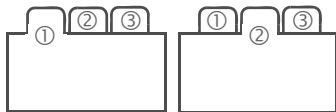
Select application symbols.



Start application.

Tabs

Tabs allow fast access to information and applications.



Switch between tabs.

While editing a tab, you navigate within the input field.



Leave input field, to switch to the next tab.

Navigation key

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

In this User Guide the symbol  is used universally when the navigation key is pressed down vertically.

The following functions are available (selection):



Display main menu



Confirm/select



Change (open options list)



Call, accept call



Edit



Camera



View



Save



Play



Pause



Stop



Record



Zoom



Insert calendar



Insert picture

Menu control

The steps needed to reach a function are shown in a **condensed form** in the user guide, e. g. to set ringtones



→ Ringtones

This comprises the following steps:



Open main menu.



Select to open **Settings** menu.



Confirm selection.



Select **Ringtones** function.



Confirm selection.

Standard functions

Options menu

The list contains functions that are offered in several options menus.

Options Open menu.

<New entry>	Create new entry.
Save	Store entry.
Change	Open options list. Select option and confirm.
View	Display entry.
Select	Select entry/connect to link/start command.
Voice call/ Video call	Initiate a voice/video call to the selected number.
Details	Display additional information about the selected entry, e.g. display message details such as date, sender, save location and attached files.
Delete/ Delete all	Delete entry/delete all entries after confirmation.
Exit	Exit application. Confirm with  if you want to save changes.
Edit	Open entry to edit/open input field to edit.
Text input meth.	Open input method menu (page 31).
Text edit menu	Open text edit menu (page 32).

Sort by	Select sort criterion (e.g. alphabetical, type, status, sender, date/time).
Set as	For example, set picture as wallpaper, logo, melodies as ringtone, open/close melody.
Rename	Rename selected entry.
Send	Select transmission type (e.g. MMS, SMS, e-mail or Bluetooth) and send entry. If you send via Bluetooth, select Search/Known devices/Last connected (page 108). If a DRM protected file is selected, the send option is not available.
Create message	Select transmission type (see above) and create message. If contact/call list entry is selected, it is used for recipient data.
Reply/ Reply to all	The sender becomes the recipient, "Re." is placed in front of the subject matter and the received text is transferred into the new message.

**Capacity/
Memory
status**

Display memory status for respective application, phone, SIM card or the Micro SD card.

If memory is insufficient to save required data, a notification is displayed. Confirm with  to open **Memory assistant** (page 27).

Fast list search

Pressing number keys while you are in alphabetically ordered lists (e.g. **Contacts**, **My stuff**) opens a fast search window.



Enter text to jump quickly to the entry that corresponds most closely with the entered text.

Memory assistant

The memory assistant is launched automatically if memory is low.

Start via main menu:



→  → Phone
→ File system
→ Memory assistant

All saved folders and files in phone memory and on Micro SD card (page 17) are listed. Display name of the folders and number of files.

If the Micro SD card is inserted, folders/files are organised on a separate tab.



Select tab (phone memory/ Micro SD card).



Select folder/file.

Options

Open menu and select function (standard functions page 26).

To free up required memory open file before deleting or delete files directly.

Mark mode

Within some applications (e.g. **Contacts**, **My stuff**) one or more entries in a list can be highlighted to carry out a function jointly.

Options

Open menu and select **Mark**.



Select entry/entries.



Mark/unmark entry.

Mark options

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

Options

Open menu.

**Mark/
Unmark**

Mark/unmark selected entry.

Mark all

Mark all entries.

Unmark all

Unmark all marked entries.

Delete marked	Delete all marked entries.
Send marked	Send marked messages (e.g. e-mails from draft folder).
Retrieve marked	Retrieve marked e-mails (if only header is retrieved).
Remove marked	Remove selected contact(s) e.g. from a distribution list or group.

Menu speed dialling

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

For example, write new SMS (from standby mode):



Press to display the main menu.

Open the slider to use the keypad.



Start the Message application.



Open the menu to create a new message.



Press to start the SMS application and create a new SMS.

Task switching

The phone supports the use of multiple applications at the same time. The function you are currently using is in the foreground, the other open applications are in the background.

You can switch from the current application to the main menu, standby mode or to any open application.



Press the Task key **briefly**. All currently open applications are listed.



Press and **hold** to open the main menu.

You can directly switch to the Main Menu, Home or to any open application:

Menu/Home/<application>

Select **Menu** to open the main menu. Select **Home** to switch to the standby screen (page 23). Or select an open application and confirm with .

If you are holding a call, select **Current call** to return to the call.

Task switching options

If any applications are currently open, an options menu is offered.

Options

Open menu.

Switch to	Move highlighted application to foreground.
Close	Close highlighted application.
Close all	Close all open applications except main menu.

Security

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

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

PIN codes

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 codes → Select function.

PIN control

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

On/Off

Activate/deactivate PIN control.



Enter PIN code.



Confirm.

Change PIN

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



Enter current PIN code and confirm with .



Enter **new** PIN code and confirm with .



Re-enter **new** PIN code and confirm with .



Confirm.

Change PIN2

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

Change phonecode

You define the phone code (4 to 8 digits) when you call up a phone-code protected function for the first time. It is then valid for all phone-code protected functions.

To change phone code proceed as with **Change PIN**.

Following the third unsuccessful attempt, access to the phone code and the functions that use it is denied. Contact the Service Centre (page 130).

Clearing SIM card barring

If the PIN is entered incorrectly three times, the SIM card is barred.



Enter **new** PIN code and confirm with .



Enter **new** PIN code again and confirm with .



Enter PUK code (MASTER PIN) provided by your service provider with the SIM card in accordance with the instructions and confirm with .



Confirm.

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

Preventing accidental activation

Even if PIN use is deactivated (page 21) 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.

Open the slider to switch the phone on.

Yes

Press. The phone switches on.

No

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

Connecting to Windows® PCs

You can connect your phone to a Windows® PC using Bluetooth or a data cable. The Windows® PC program MPM (Mobile Phone Manager, page 124) enables you to backup data on your Windows® PC and to synchronise the contacts with Outlook®, Lotus Notes™. You can download the Mobile Phone Manager from the Internet at: www.BenQ-Siemens.com/sl91

Text entry

Text entry without T9

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



Press **once briefly** to 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 left of the cursor or marked text. Press and **hold** to delete text quickly.



Move the cursor (forwards/back).



Move the cursor (up/down a line).



Press **briefly**: Swap between: abc, Abc, ABC, T9 abc, T9 Abc, T9 ABC, 123.

Press and **hold**: Input method menu is displayed.

The sequence of the input methods is language-dependent.



Press **briefly**: Special characters are shown.

Press and **hold**: Open edit menu.



Press **once/repeatedly**:

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

Press and **hold**: inserts 0.



Press to insert space. Press twice to insert line feed.

Special characters



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

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

1) Line feed



Navigate to characters.



Confirm.

Text edit menu

For text entry:



Press and **hold**: The edit menu is displayed:

Insert symbol

Spell word

Mark

Copy/Paste

Input language

Selecting the input language

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



Open edit menu.

Input language

Select.



Select language. If you select **Automatic**, the **Input language** is based on the **Display language** (page 115).



Confirm, the new language is set.

Languages with T9 support are marked with the **T9** symbol. The input language setting applies to all applications.

Marking text

You can highlight text in order to copy and paste it to a different place.



Press and **hold**. The edit menu is displayed.

Mark text

Activate highlighting mode.



Scroll to highlight text.

Copy

Copy highlighted text to the clipboard.

Paste

Paste the copied text into the desired location.

Text entry with T9

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

Activating, deactivating T9



Press and **hold**: Input method menu is displayed.

Select desired input mode.



Activate/deactivate T9.

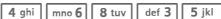
Writing with T9

The display changes as you proceed.

It is 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 T9 **Abc** then





A blank or moving the cursor to the right 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. 5,187,480, 5,818,437, 5,945,928, 5,953,541, 6,011,554, 6,286,064, 6,307,548, 6,307,549, 6,636,162 and 6,646,573; Australian Pat. Nos. 727539, 746674, and 747901; Canadian Pat. Nos. 1,331,057, 2,302,595 and 2,227,904; Japan Pat. No. 3532780, 3492981; United Kingdom Pat. No. 2238414B; Hong Kong Standard Pat. No. HK1010924; Republic of Singapore Pat. No. 51383, 66959, and 71979; European Pat. Nos. 0 842 463 (96927260.8), 1 010 057 (98903671.0), 1 018 069 (98950708.2); Republic of Korea Pat. Nos. KR201211B1 and KR226206B1. People's Republic of China Pat. Application Nos. 98802801.8, 98809472.X and 96196739.0; Mexico Pat. No. 208141; Russian Federation Pat. No. 2206118; 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

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

 Repeat until the correct word is displayed.

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

To add a word to the dictionary:

 Select.

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

Correcting a word

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

 Scroll through the T9 word suggestions again.

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

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



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

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



Moving the cursor to the right ends the word.

Input method



Press **briefly**: Switch between: **abc**, **Abc**, **T9 abc**, **T9 Abc**, **123**. Status shown in top line of display.

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

Special characters



Press **briefly**: Select special characters (page 31).

Press and **hold**: Open edit menu (page 32).

Text templates

Text templates are short excerpts of texts that you can insert in your messages (SMS, MMS).

Creating SMS templates



→ Templates → SMS

The list of existing templates is displayed.



Open menu and select **New template**.



Write text.



Open menu and select **Save**.

- To create a new message from the template menu select **Options** **New message**.
- To create a new MMS template, create an MMS (page 59) and select **Options** → **Save as** → **Template**.

Inserting text templates



Write an SMS/MMS (page 58).



Open menu.



Select and confirm with .



Select and confirm with .



Select a text template from the list and confirm with .

The text template is inserted in the message to the right of the cursor. To create a new template, continue as described above.

Calling

With your phone you can make conventional (voice) calls as well as video calls. However, it is not possible to make a voice call and a video call at the same time. You can make only one video call at a time.

You can initiate and accept a call when the slider is closed. If you close the slider during a call, the call is ended.

If a headset is connected, the call is not ended automatically when the slider is closed.

Video calls

To initiate a video call (in standby mode):



Or

(Only if the slider is open)



Press the video call key.

The phone switches to video call mode. A preview is displayed. You can enter a number (see **Dialling with number keys**) or enter a number from **Contacts** via the Options menu.

You can also decide to make a video call **after** you have already entered a number or selected a number from a call list.

The called party as well as the network have to be capable of handling video calls. If you are calling a number that does not meet these requirements you will be offered the option of making a voice call instead.

Video call if the slider is closed

If you make a video call while the slider is closed the front camera is not available. Therefore the outgoing video is stopped. Your video is not sent to the other party. Instead of the video, a picture is sent automatically. You can set this video mute picture (page 114).

Opening the slider during a video call

If you open the slider during a video call, a prompt is displayed asking whether or not you would like to send your video. Press  to confirm and show your image to the other party.

Dialling with number keys

(Only if the slider is open)

The phone must be switched on (stand-by mode).



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



Press the Call key.

Or



Press.

Or



Press the video call key to make a video call.

The displayed number is dialled.

Ending a call



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

You can also end a call by simply closing the slider.

If you close the slider and a headset is connected, a prompt is displayed asking whether or not you want to continue the call. If you do not respond the call is ended automatically after a short time.

Settings during a call

Setting the volume



Regulate the volume (only possible during a call).

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

Video settings

During a video call, you can adjust the video settings via the options menu (page 40). Additionally you can adjust the brightness setting of the camera.



Decrease/increase brightness (page 55).

Redialling previous numbers

To enter the **Dialled calls** list (in standby mode):



Press the Call key.

To redial the number last called:



Press the Call key **again**.

Or



Press the video call key to make a video call.

To redial other numbers that were dialled previously:



Pick out the number from the list.



Press the Call key.

Or



Press the video call key to make a video call.



Press and **hold** to switch microphone off.

Enter international dialling codes:



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

Use number memo:

You can enter a 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 number.

Accepting a call

The phone must be switched on.
An incoming call is indicated by a special screen:

A number and the name of the caller transmitted by the network will be displayed if the number is saved in the contacts. A picture of the caller may also be displayed (page 44).

If the incoming call is a video call a video of the caller is displayed.
However, the transmission of the video may be suppressed by the caller.

If the slider is closed you can answer a call also by simply opening the slider.



Press.

Or



Press.

Or

(Only if the slider is open)



Press to accept a video call.

Video call

If the incoming call is a video call and **Show my image** is deactivated (default, page 114) **Do you want to show your video image?** is displayed. You have the following options:

Yes

Your video is shown to the caller.

No

The video mute picture is shown to the caller (**Select image**, page 114).

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



Missed call display.



(Only if the slider is open):
Press and **hold** to switch key lock on/off.



Press to switch off ringtone for incoming call.

Rejecting a call



Press **briefly**.

You can also reject the call by closing the slider.

Handsfree talking

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

Options

Open menu.

Hands free

Activate/deactivate
handsfree talking and
confirm with

Warning!

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

Additional information

During a video call the speakerphone is activated by default.

Swapping between 2 calls

(Not during video calls)



Establish a second connection

You can call another number during a call.

Enter a number from **Contacts** via the Options menu.

Or (Only if the slider is open)



Dial the new number and press . The current call is put on hold.

Swapping calls

When the new connection is established you can swap between calls.



Press.

Or

Options

Open menu and select **Swap**.

Incoming calls during a call

You may need to register for this service with your service provider and set your phone accordingly. During a call, you will be notified of another call waiting. You will hear a special tone during the call (page 112). You have the following options:

Accepting the waiting call in addition to the first

If the slider has been closed, you can also accept the waiting call by opening the slider.

Swap / 

Accept the waiting call.

The current call is put on hold.

To swap between the two calls when two connections are established, always press .

Rejecting the waiting call

Reject Press.

Accepting the waiting call, ending the current call



End the current call.



Accept the new call.

You can also close the slider to end all current calls. The incoming call is still signalled.

Ending calls



Press the Off/End key **briefly**.

Or

Options Open menu and select **Drop**.

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

Yes

You accept the held call.

No

You end the held call.

Conference



(Not during video calls)

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.

Once a call has already been established:

Options

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



Dial a new number (Only if the slider is open) or enter a number from **Contacts** via the Options menu.
When the new connection is established ...

Options

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

Repeat procedure until all participants are linked together.

Ending a conference

Ending all calls



Press.

You can also close the slider to end all calls.

All calls in the multiparty conversation are ended.

Ending one call

Options

Open menu and select **Drop**. Then select the call to be ended.

After the **Return to conference call?** display, you have the following options:

Yes

You return to the conference.

No

You end all calls.

Private call

You can remove a party from a conference and make a private call to that party while the conference is put on hold.

Options

Open menu and select **Private**. Then select the entry for the private call.

You can swap between the private call and the conference:

Options

Open menu and select **Swap**.

When your private call is finished you have the following options:



End the private call and return to the conference.

Or

Options

Open menu and select **Conference**.

The private call is joined to the conference again.

Call options

The following functions are only available during a call:

Options Open menu.

**Mute call/
Mute
sound** The person on the other end of the line cannot hear you (muting).

Only if the slider is open:
Press and **hold** .

In video calls your video is still shown on the other end of the line.

Hands free Call via the loudspeaker.

**Upgrade to
video/
Switch to
voice** Change the current voice call to a video call or vice versa. The current call is ended and a new connection with the same partner is established.

**Transf
access'ry/
Transfer
phone** Switch the sound of the current call to the headset and back to the phone.

**To
Contacts** Select **To a new contact/
To exist. contact**. Select number type to store the number in the contacts. Confirm save notification with .

Not during video calls:

Hold call Hold current call. The menu entry changes to **Return call**.

Swap Swap between calls.

**Confer-
ence** (see page 39)

Drop End a call in a conference.

Private Make private call in a conference (see page 39).

Transfer Connect two calls in a conference and disconnect oneself.

DTMF Enter tone sequences (numbers) for remote inquiries to an answering machine.

Only during video calls:

Mute video (Only if the slider is open)
The incoming video is muted and the video mute picture is sent (**Select image**, page 114).

Pause inc. Pause the incoming video (of the other party).
The menu entry changes to **Resume inc.**

**Pause
outg.** (Only if the slider is open)
Pause the outgoing video (yours).
The menu entry changes to **Resume outg.**

**Switch
camera** (Only if the slider is open)
Switch between front and rear camera.

Zoom (Only if the slider is open)
Select zoom level and confirm with .

Full/split screen	Select the video presentation on your display (see below).
Frame rate	Adjust how many frames per second the camera will capture.
White balance	Adjust the sensitivity to light.
Flicker adjustment	Adjust the sensitivity to indoor lighting flicker rate.
Send picture/ Send video	Select a picture/video from My stuff and show it to the person on the other end of the line.

Full/split screen

Select the video presentation on your display. You have the following options:

Them fullscreen

The video of the other party is shown in full screen mode. Your own video is not displayed.

If the slider is closed the video presentation is set to **Them fullscreen** automatically, as only the selected picture is sent (page 114).

Splitscr. -- me lg.

The video of the other party as well as your own video are displayed. The video of the other party is shown in full screen mode and your video is shown in an additional small frame.

Splitscr. -- me lg.

The video of the other party as well as your own video are displayed. Your video is shown in full screen mode and the video of the other party is shown in an additional small frame.

Me fullscreen

Your video is shown in full screen mode. The video of the other party is not displayed.

Tone sequences (DTMF)

(Only if the slider is open)

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

Options

Open menu.

DTMF

Select.



Enter digits and confirm with .

Using Contacts

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



Enter number.



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



Enter DTMF codes (numbers).



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



Enter a name.



Store entry.

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

Contacts

You can store up to 500 contacts with a variety of phone and fax numbers as well as additional address details.

The contacts may contain the following types of entry:

- Contacts saved on the phone (page 44).
- SIM contacts saved on the SIM card (page 46).
- Distribution lists: short-cuts for communication with more than one person. Contacts may belong to several distribution lists (page 47).
- Groups: contact categories (e.g. shared ringtone). A contact can belong only to one group (page 45).



Or



Open Contacts.

For fast access, contacts are organised on 4 tabs.



Switch between tabs.

All contacts	All contacts (including SIM contacts) and distribution lists.
Groups	All groups.
SIM contacts	Contacts saved on the SIM card.
Filter	Apply different filter criteria to all contacts.

Dialling contact



Call selected contact.

Or

(Only if the slider is open)



Make (video) call.

Or



Press and **hold** to activate voice dialling.

Or

Initiate a voice/video call via the options menu (page 26)

Contact/SIM contact selected

Call the default/video enabled number. If several numbers are stored and no default number is set (not for SIM contacts), select which number to call.

Several numbers selected

If several contacts or a distribution list is selected, the call key  and the video call key  have no effect.

All contacts

All contacts (including SIM contacts) are displayed in alphabetical order. Distribution lists and groups are displayed additionally.

A contact can include 4 numbers, 4 e-mail addresses, 2 URLs, 2 fax numbers and 2 postal addresses. You can set one value as default for each type (page 45).

New entry

<New entry>

Select.

The possible input fields are organised on 4 tabs:

General info	First and last name, important numbers (private, business, mobile phone).
Private	E-mail address, fax number, address and notes.
Business	Office information and address.
Personal	Ringtone, picture, group, birthday and display name.

Within the tabs:



Select input fields.



Fill in input fields.

At least one name must be entered. The name of each contact must be unique. Always enter the number with prefix.

Assign media files

In some input fields you can assign ringtones and pictures.



Select media field (e.g. picture) and confirm with .

Depending on the media type you can either record a new media file via camera or sound recorder or select a file from the corresponding **My stuff** folder (page 101).

You can use the Camera key to open the camera application:



Start camera application in picture/video mode (depending on the selected field).

Save contact

Options

Open menu and select **Save contact**. Confirm with .



Confirm save notification.

Contact options

Options Open menu.

Set as default	Set selected field as default for that type (e.g. default number or e-mail).
Switch tab...	Select contact tab for more input fields.
Add birthday/ Remove birthday	(Not for SIM contacts.) If no birthday is entered, open birthday field. If birthday is entered, delete after confirmation.
Set date	If birthday field is selected: Open calendar to currently entered date (page 87).
Number field selected:	
Insert 2-s pause	Insert pause ("P").
Insert wildcard	Insert wildcard ("?"), see below.
Record voice tag/ Re-record voice	Start recording voice tag (page 50).
Play voice tag	Start playback of current voice tag.
Delete voice tag	Confirm to delete voice tag.

Further options on page 47.

Number extensions in contacts (wildcards)

Digits may be replaced by a "?" (wildcard) when numbers are entered in contacts:

Options Open menu and select **Insert wildcard**.

Or



Press down to insert "?".

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 number from contacts.



Press.



Replace "?" with numbers.



Press. Number is dialled.

Groups

Groups are collections of contacts that can be used to categorise contacts. A group can have the same incoming call alert. SIM contacts cannot belong to a group, you have to copy them to the phone contacts first.

The following groups have already been created and can be renamed but not deleted: **Family, Friends, Office, VIP**.

New group

You can add personal groups.

<New group>

Select and enter the name of a new group.

Options

Open menu and select **Save**.

Add member

You can add max. 50 contacts to a group.



Select a group. The number of entries is displayed in the second line when highlighted.

Options

Open menu and select **Add new member**. A list of all contacts that are not already in the group is displayed.



Select new members and confirm with .

Add

Confirm selection.

Edit Group

Options

Open menu and select **Edit**.

You can rename the group and attach an audio ringtone and a picture (page 44).

SIM contacts

Contacts saved on SIM card are managed on this tab. SIM contacts contain less information than contacts saved on the phone.

New entry

<New entry>

Select to create a new entry.



Navigate to input fields.



Fill in input fields: name and up to 3 numbers. Protected SIM contacts provide only one number field.

SIM/Protected SIM

Select storage location. Special SIM cards can save numbers in a protected area (protected SIM) (PIN2 required).



Select available SIM record number.

Options

Open menu and select **Save contact** and confirm with .



Confirm save notification.

- If you want to save/edit/delete contacts in the protected SIM area, the PIN2 is required.
- If the memory on the SIM card is low, a message is displayed.

Convert SIM contact



Select SIM contact.

Options

Open menu and select **Edit**.

Options

Open menu and select **Add more fields**.

SIM contact is converted to regular contact. You cannot convert protected SIM contacts. Further options on page 47.

Filter

Depending on the selected filter, contacts and distribution lists can be listed on the filter tab.

Options

Open menu and select **Filter** and confirm with

The following filter criteria are available:

- **Voice dialling:** All contacts are listed that have a voice tag associated with one or more of their numbers.
- **Video telephony:** Contacts with a video allowed number (page 47) are listed.
- **E-mail**
- **URL**
- **Birthday**

- **Stored on phone:** all contacts (except SIM contacts)
- **Distribution lists**



Select criterion and confirm with .

A list is displayed with contacts that contain the chosen feature, e.g. all contacts including a birthday entry.

Options menu

Depending on the current 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.

Distribution lists

New distr. list

Enter name. You can rename the distribution list and attach a ringtone and a picture.

Add to distr. list

Add contact of distribution list/group to a new or existing distribution list. If SIM contact is added, confirm to convert into contact.

Add new member

Open contact list. Select contacts and add them to the selected distribution list. You can add max. 50 contacts to a distribution list.

Groups

New group Enter name.

Add to group Add contact(s) to new or existing group. If contact(s) already belong to a group confirm to switch to new group. If SIM contact selected, confirm to move contact to phone memory.

SIM contacts

Add more fields Convert SIM contact to regular contact (not for protected SIM contacts).

Special numbers
 Your provider may supply you with special numbers. Select classes you want to show/hide.

Business card

Create visit. card Create a business card, which is a contact containing your own contact information.

The business card is displayed outside the sort order at the top of the contact list. You cannot add the business card to a distribution list or group.

Set as biz card Confirm. Selected contact is set as business card. If a business card already exists, it is converted to a regular contact. SIM contacts cannot be set as business cards.

Undo biz card Convert selected business card to a regular contact.

Media field selected

e.g. **Play ringtone** Start playback of current ringtone. Same for video and picture.

e.g. **Replace ringtone** Select new ringtone. Same for video and picture.

e.g. **Remove ringtone** Confirm to delete current ringtone from contacts. Same for video and picture.

General options

Synchronise Initiate synchronisation (see below).

Open web site If contact information contains URL, start the browser and load URL.

Send contact Send contact as vCard (see below).

Set as vid. allow'd/Undo vid.allow'd Only one number of the contact can be set as video allowed. Option is set automatically if you get/initiate a video call from/to that number. Note that this option is not available for SIM contacts.

Save options	Depending on save location, select • copy/move to SIM: Only SIM information is saved. Extended version of the contact is kept. • copy/move to phone. Protected SIM contacts, special numbers and the business card cannot be copied or moved to another save location.
Save location	Select SIM/Phone as default save location.
Duplicate	Open new contact with duplicate information.
Find	Open menu (see below).
For standard functions see page 26.	

Synchronise

Initiate synchronisation of contacts (page 90).

With the MPM (Mobile Phone Manager, page 124) you can hold your addresses in a Windows® PC and synchronise with the contacts.

Send contact

If you want to send/receive complete contacts, the contact is transmitted as a vCard.

You can send your own/other contacts via Bluetooth, SMS, MMS or e-mail.

Receiving vCard

You can receive contacts included in a message or via Bluetooth. You can save vCards as contacts:

Options Open menu and select **Save contact** to save vCard as new contact.

Find

To find a contact more easily you can either search for the contact or set filter criteria for the list.

Contacts search



Enter text/number and confirm with .

A list is displayed with contacts which contain the text/number sequence.

Filter contacts



Select filter criterion (page 47) and confirm with .

Voice-activated dialling

You can dial numbers from the contacts by speaking the name. SIM contacts, distribution lists and groups cannot have a voice tag.

You have to record a voice tag for every number so your phone "recognises" you. To record voice tags you speak the name loudly and clearly into the phone and store it.

You can store 99 voice tags. You can assign one voice tag to each number of a contact.

Recording a voice tag

Record the voice tag in a quiet environment. You should speak into the phone from a distance of about 25 cm. The voice tag may be 3 sec. long.

If you use voice-activated dialling mainly with a handsfree set it is useful to record the voice tag with the handsfree set.



Open the Contacts tab.



Select a contact.



Options Open menu and select **Edit**.



Select number input field.



Options Open menu and select **Record voice tag**.



Start recording.

An appropriate prompt appears on the display. Speak the name (max. 3 seconds). Repeat the name after playback.

The two recordings have to be

- sufficiently similar to each other and
- sufficiently different from any other voice tag.



Confirm completed recording.

Recording not successful

If the recording is not successful, you are prompted to repeat recording.



Press to start recording again.

If there is not enough memory for a new voice tag, a notification is displayed. Confirm notification, delete existing tags and try again.

Voice-activated dialling



Press and **hold**.

Speak the name after the signal tone. If the name matches the saved voice tag the number is dialled.

- If the name does not match a saved voice tag, you are prompted to repeat the name. If three attempts fail, voice dialling is terminated automatically.
- You can assign the voice dialling function to any shortcut key (page 111).
- If a headset is plugged into the phone: Press the ptt key on the headset to activate voice dialling.

Call records



Or



Press in standby mode.

Your phone stores dialled, missed and received calls for convenient redialling. Audio and video calls are stored.

The different call information is listed on 5 tabs:

All calls, Dialled calls, Missed calls, Received calls and Duration/charges.



Navigate to tabs.

Each list displays the 100 most recent calls.

The number of a caller is displayed if

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

Alternatively, a caller's name is displayed if it is stored as a contact.

If the number was not transmitted for the reasons above, a message is displayed instead.

Redial number



Select call record list (e.g. **Missed calls**).



Select entry.



Dial number (if available), make video call.

All calls

Access all missed, dialled and received calls.

Dialled calls

Access last numbers dialled by you.

Missed calls



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

Missed calls are displayed in standby mode (page 23). Select entry and confirm with  to open missed calls list.

Received calls

Accepted calls are listed.

List menu

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

Options Open menu.

Call	Dial number (if number is available)
View contact/ Add to Contacts	If number is saved as contact, view contact. If number is not yet saved, create new contact.
Details	Display call type (video/voice call), number, name, time/date and duration of the call.
For standard functions see page 26.	

Duration/charges

You can display the call duration and the currency and rate of a call. You can set the currency and rate for charge display.

Last call/Outgoing calls/Incoming calls
Select list and confirm with .

For the selected call type the following information is displayed: the date/time and the duration and charges. For all incoming and all outgoing calls the number of recorded calls is displayed, too.

If the charge display is disabled or the currency is not entered, charge information is not displayed.

Reset all incoming/outgoing calls lists

View list (see above).

Reset Press to reset the current list.

Yes Confirm reset notification.

Charge settings



Settings Select and confirm with .

Currency
(PIN2 protected)



Enter currency
(up to 3 characters).

Options Open menu and select **Save**.

Personal rate
(PIN2 protected)



Enter per minute rate.

Save Press to save changes.

To enter ". " press .

Display costs

On/Off Activate/deactivate cost display and confirm with .

Account limit info



(PIN2 protected)

The account limit is not supported by all SIM cards. If your SIM card does not support the account limit, an corresponding notification is displayed.

• Switch on/off account limit

Account limit

Select and confirm with .

On/Off Activate/deactivate account limit and confirm with .

When switched off, the max. limit is reset to 0 automatically.

• Enter account limit

Enter max. units:

Select and confirm with .



Enter maximum units for the account.

Save

Press to save changes.

• Reset account limit

Reset remaining

Select and confirm with .



Confirm notification to reset account limit.

Camera

The phone has a front and rear camera (page 12).

If the slider is closed, you can only use the rear camera.

You can view photos/videos taken with the integrated camera immediately:

- Use a picture as background image or logo.
- Send picture/video via MMS or e-mail.
- Save pictures/videos on the phone or on the memory card (page 17).

Start the camera



Picture mode/Video mode

Select mode and confirm with  / .

Start the camera in picture mode



Press the side key to start the camera from standby mode and from other applications.



Press to start the camera from standby mode.

You can also start the camera using the media player or MMS editor.

The current (preview) image is displayed.

Displayed information

Current picture/video setting

The following symbols are displayed:



Current brightness setting.



Current zoom level.

Active self timer is indicated only in picture mode.

Remaining memory

The following memory information is displayed:

- Memory location: Pictures/videos can be saved either on the phone or on the Micro SD card. To change save location see page 56.
- Remaining memory: Picture count/available record time on the current memory location. The remaining memory depends mainly on the selected resolution and the motif.

When video recording is started from the MMS application, the maximum length will be the time allocated for messaging (10 seconds).

Taking pictures/videos

Settings prior to taking pictures/recording videos



Decrease/increase brightness. Brightness can be set in 7 levels (-3 to +3).



Zoom in/out.

For further settings see options menu.

Taking pictures

Start the camera in picture mode.



Press to take picture.

When taking pictures with the **rear** camera you can use the auto focus:



Press **half** down to invoke auto focus.

When the focus is adjusted, a signal tone is sounded.

Recording videos

Start the camera and switch to video mode. You can record up to 5 minutes.



Start recording.



Control recording.



End recording.

- You can also press  to pause/resume recording.
- A video record/playback is paused if you open/close the slider.

Reviewing pictures/videos



Confirm save notification.

The picture/video is displayed.

The picture/video is saved with a name, the date and the time in the **Media player** folder (page 98).

Start video playback



Open menu and select **Play video**. To control playback, see page 99.

Return to view finder



Open view finder to take another picture/record another video.

Delete pictures/videos



Delete picture/video and open view finder.

- If the available memory is insufficient, confirm warning with  and change save location.
- If camera was launched from another application (contacts/messages): Press  to add picture/video and return to the original application.

Camera options

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

Options Open menu.

**New picture/
New video** Open view finder to take another picture/record another video.

Add Add video to original application (messages).

Play video Play recorded video.

**View pictures/
View videos** Open corresponding **Media player** tab (page 98).

**Picture mode/
Video mode** Switch between picture and video mode.

Switch camera (Only if the slider is open) Switch between front and rear camera.

Message mode Switch to message mode after confirmation. Message mode is optimised for sending via MMS/Bluetooth:

- record time 10 seconds
- low resolution

Message mode is activated automatically if video mode is started from MMS application.

Audio record Turn microphone on/off.

Self timer Photo shooting is delayed. You can set the duration of the self timer (page 57). Press  to start countdown. For the last 3 seconds, you will hear a signal tone each second.

**Picture settings/
Video settings** Open settings (see below).

For standard functions see page 26.

Picture settings/Video settings

Resolution front/Resolution back

Change Open settings.



Select resolution and confirm with .

A setting can be made for the quality of the picture/video regardless of the preview image resolution.

The resolution setting concerns the current active camera mode. The resolution may decrease depending on the selected digital zoom.

Default name

Change Open settings.



Enter default file name (up to 4 characters).

Options Open menu and select **Save**.

Save location

Change Open settings.

Phone memory/MicroSD card

Select default save location and confirm with .

Frame rate (only for video settings)

Set how many frames per second the video should capture.

Low (7 fps)/High (15 fps)

Select and confirm with .

White balance

Change Open settings.

Auto/Indoor/Outdoor

Select and confirm with .

Flicker adjustment

Adjust the sensitivity to indoor lighting flicker rates.

Off/Auto/50 Hz/60 Hz

Select and confirm with .

Self timer (only for picture settings)

Set the duration for the self timer.



Select time duration and confirm with .

Press  to start video call with current camera and current settings.

Create message

You can create SMS and MMS messages and e-mails.



You will find information on writing texts with and without T9 in the chapter "Text entry" (page 31).

SMS/MMS

About SMS

You can transmit and receive long messages (up to 755 characters) on your phone. They are automatically divided into concatenated SMS messages (note higher charges).

About MMS

The Multimedia Message Service (MMS) 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 into 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.

An MMS is composed of slides, each containing text/pictures or a sound/video.



Navigate MMS slides.

Please note that media files may be protected (DRM, page 24).

Writing/sending an SMS



Enter text/add items (see options menu).



Open menu and select **Add recipient** (page 60).



Send message.



Confirm.

If the SMS could not be sent successfully, press **Retry**.

- The following is displayed in the top display line: text entry mode, number of segments needed to send the current message and number of remaining characters.
- If the text is too long for a single SMS, you can choose whether to convert the SMS to an MMS.

SMS options

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

Options Open menu.

Add item Select **Picture/Video/Sound**. Select file from the corresponding **My stuff** folder (page 101). Remember that files may be protected (DRM, page 24). If you try to add items that cannot be sent via SMS, the message is converted to MMS after confirmation.

Send options Set **Status report/Validity period/SMS type/Send with** for current SMS. See also SMS settings (page 70).

Further functions, see page 60.

Writing/sending an MMS

 →  → Create message
→ MMS



Enter text (up to 1024 characters depending on your provider)/add items (see options menu).

Options Open menu and select **Add recipient** (page 60).



Send message.



Confirm.

If the MMS could not be sent successfully, press **Retry**.

The following is displayed in the top display line: text entry mode, number of remaining characters and size of the message.

MMS options

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

Options Open menu.

Add item

- **Picture/Video/Sound** (see SMS options).
- **Text**: add text to current slide.
- **Contact**: select and add as vCard.

Note that you cannot attach more than one vCard per MMS.

Remove item Remove selected attachment from MMS.

Add subject Enter subject.

Preview MMS Start view mode (see below).

Send options Set **Read Report, Validity Period and Priority** for current MMS. See also MMS settings (page 72).

Further functions, see page 60.

View mode

If you start the view mode you can change the presentation of the message.

Options Open menu.

Play again	Start playback of all slides.
Page duration	Select time interval (in sec.), each slide is displayed when presented.
Order page	Swap current slide with previous/next.

SMS/MMS options

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

Options Open menu.

Add recipient	See below.
Edit recipient	Edit entered number/address.
Create item	• Take picture/Record video: start camera in message mode (page 56). • Record sound: start dictating machine (page 89).
Insert text	• Template (page 34). • Contact details: open contact and select contact information.
Save as	Select Draft (page 69)/ Template (page 34).
e.g. Remove picture	Remove picture/video/sound/contact/appointment or recipient from message.

For standard functions see page 26.

Add recipient

After at least one recipient has been added, the **To:** field is displayed. You can add multiple recipients.

Enter number/address or select contact:

From Contacts

Select and confirm with  to open contacts.



Select contact(s)/distribution list(s) and confirm with .

If you select a contact with more than one entry (e.g. several numbers), the possible entries are displayed in a second line when the contact is highlighted:



Select entry you want to use.

E-mail

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

To create new e-mails you have to configure at least one e-mail account (page 75).

If you enter the e-mail editor from another application, e.g. the Inbox, all used input fields (**To:**, **CC:**, **Bcc:**, **Subject:**, **Attachment**) are displayed.

If the cursor is at the top of the text entry, you can navigate the input fields with  / .

Writing/sending e-mails



Options

Enter text/add items
(see options menu).

Open menu and select
Add recipient
(see options menu).



Send message. The sending
progress is displayed.

The send progress is displayed in terms of either the number of bytes or the number of e-mails.

E-mail options

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

Options

Open menu.

- Add recipient**
- **From Contacts:** Open contacts (page 44).
 - **Enter e-mail addr.:** Enter address manually. T9 is not available.

Edit recipient Edit entered address.

Add subject Enter subject.

Edit subject Edit subject.

Attach item

- **From My stuff:** Select any file (also unknown type).
- **From Contacts:** Select contact and add as vCard.

Name and size of the attachment are displayed.
Note that you cannot attach more than one vCard per e-mail.

Add Cc

Add contact(s) of copy recipient(s). See also **Add recipient**.

Add Bcc

Add contact(s) of copy recipient(s) (See also **Add recipient**). Bcc recipients are not visible to other recipients.

e.g. Remove item

Remove highlighted attachment/recipient.

Save as draft

Save e-mail in draft folder (page 69).

Add signature

Add signature at the current cursor position.

Send options

Set **Req. deliv. receipt**, **Request read receipt**, **Priority**: for current e-mail. See also e-mail settings (page 73).

For standard functions see page 26.

Inbox

The inbox contains all MMS, SMS, CB, e-mail and WAP push messages received on the phone.



Or



Press in standby mode.

Receiving messages

SMS

If a new SMS is received a notification is displayed. New messages are saved in the Inbox automatically.

View

Press if you want to read new message immediately.

Or

Ignore

Press if you want to open message via the Inbox later.

MMS

An MMS is received in two steps: first the MMS notification, then the MMS.

If a new MMS message is available for downloading, the MMS notification is displayed including number/contact and subject of the MMS. You can download the MMS immediately or later:

Yes

Press if you want to download MMS immediately. The download progress is displayed.

Or

No

Press if you want to download later. The notification is saved in the Inbox.

When the download is completed, a notification is displayed (see SMS section). You can change MMS settings to download new MMS immediately without prompt (page 72).

Cell Broadcast

Some service providers offer information services (**Cell Broadcast Service**). If reception is activated (page 78), your provider will supply you with messages on the activated topics.

When the function is activated (page 78), CB messages are received automatically. Depending on the current setting, CB messages can be displayed in standby mode (page 23).

Only one CB of the same type is saved. If another message is received, it overwrites the older one.

E-mail

E-mails are not received automatically. Before an e-mail can be read, it must be retrieved from the server (page 65).

WAP push

WAP push messages are provided by special service centres. Depending on the current setting (page 82) WAP push messages are received or rejected automatically (for receiving WAP push messages see receiving SMS page 62).

Inbox structure

For fast access, the inbox is organised on three tabs:

- MMS, SMS, CB
- E-mail
- WAP push messages

If the inbox contains a new message a symbol is displayed in standby mode (page 23). If you open the inbox in this case, you directly access the message folder containing the new message.

If the message is highlighted, two lines are displayed:

- The first line contains the number or the respective contact and the time or date the message was received. An icon indicates the message type.
- In the second line either the beginning of the message or the subject is displayed.

Make a call: Select SMS, MMS or e-mail and press  / .

SMS, MMS, CB

All new messages are shown in chronological order.



Select message and confirm with .

Numbers, e-mail addresses, vCards and other saveable objects are highlighted automatically.



Set volume.



Switch sound on/off.

Only MMS:



Navigate within a slide.



Switch to next/previous slide. On first/last page switch to last/first page.



Play media file.

Options menu

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

Options Open menu.

View	Read SMS, MMS, MMS notification or CB.
Download message	Download MMS if MMS notification is received.
Reply/Reply to all	Select SMS/MMS and create message.
Forward	Forward message to another recipient. • SMS: Select SMS/MMS. • CB: Create SMS. • MMS: Select MMS. If you forward as SMS, attached media files are removed automatically.
Mark as unread	Display message in bold type.
Add to Contacts	Save as contact (page 67).
For standard functions see page 26.	

- SMS messages may be stored on the phone memory or on the SIM card. The storage location is indicated with an icon.
- You can activate the option to have the oldest SMS message in the inbox automatically deleted when a new message arrives (page 71).

Read options menu

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

Options Open menu.

View	Start view mode (page 59).
Send	CB: If e-mail address is highlighted select MMS/E-mail .
Send MMS	MMS: If e-mail address is highlighted create new MMS.
Open link	If URL is highlighted: Start browser (page 80).
Save link	If URL is highlighted: Start browser and add URL to bookmarks (page 80).
Play again	MMS: Start playback video/audio slide.

e.g. Save sound	Select the save location (phone/memory-card). Downloaded file is saved in corresponding My stuff folder (page 101). Same for picture, text and attachment.
Call number	If number is highlighted: Dial number.
Save contact	Save as contact (page 67).
Save appoint.	If calendar object is selected: Save calendar event (page 89).
For standard functions see page 26.	

Downloading ringtones and logos

You can receive links for downloading ringtones, logos and information about applications with an SMS. Highlight this link and, by pressing the Call key , start the download. Please check that the dial-in access is configured.

Remember that ringtones/logos may be protected (DRM, page 24).

E-mail

If more than one account is configured, the list of accounts is displayed (page 75).

Before an e-mail can be read, it must be retrieved from the server. The e-mail application is blocked until download is completed.

The listed files and the options menu vary depending on the receive server type (page 76) of the selected account.

POP3 account

The inbox on the phone contains all the e-mails that are in the inbox on the POP3 server.

You can configure whether or not an e-mail is deleted on the server when deleted on the phone (page 77).

IMAP4 account

The inbox lists e-mails as well as subscribed folders (e.g. mailboxes). You can subscribe to various folders on the IMAP4 server (page 66). E-mails are retrieved only from the subscribed folders.

If you delete e-mails on the phone they are deleted on the server automatically and vice versa.

E-mail options menu

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

Options Open menu.

View	Display e-mail. If only headers are retrieved, retrieve body and display e-mail.
Retrieve e-mail	Retrieve new e-mail for selected account (page 66).
Retrieve all accts	Retrieve new e-mail for all configured accounts.

Account settings	Open account settings for highlighted account (page 75). If no account is configured create new account.
Reply/Reply to all	Create new e-mail with the sender/all recipients as recipients.
Forward	Forward e-mail to another recipient.
Add to Contacts	Save as contact (page 67).
Only POP3 account:	
Delete on server	Delete e-mail on server only. The local copy is retained.
Only IMAP4 account:	
Subscr. to folders	(see below)
Move to folder	(see below)
Unsubscribe	E-mail within the folder is deleted on the phone only. The synchronisation of e-mails to server is stopped.
Display order	Select Folders first/ E-mail first.
For standard functions see page 26.	

Retrieve e-mail

Depending on the download mode (page 77), either entire e-mails or only the headers are retrieved, or you may be asked whether the entire e-mail or only the header should be downloaded. The number of retrieved e-mails is displayed.

IMAP4 accounts: only e-mails in the subscribed folders are retrieved.

Subscr. to folders

(only IMAP4 accounts)

You have to subscribe to folders on the receive server in order to retrieve e-mail from these folders.

All subscribed and unsubscribed folders on the receive server are listed. Only two levels of folders are supported.



Select folder(s) and confirm with  to subscribe/unsubscribe to folders.

Options

Open menu and select **Subscr. to marked**.

If you select the function **Subscr. to marked** while no folder is selected, you unsubscribe to all folders.

You can set the max. size of downloaded e-mails (page 77).

Move to folder

You can move e-mails from one subscribed folder to another. The move is synchronised with the server the next time you retrieve e-mails.



Select e-mail(s) you want to move.

Options

Open menu and select **Move to folder**. The subscribed folders are listed.



Select folder and confirm with **Move**.

Read options menu

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

Options Open menu.

Voice call/ Video call	Start voice/video call to sender (if number available).
Send e-mail	If e-mail address is highlighted: create new e-mail.
View/Play/ Download	View/play attachment. If not downloaded yet: download attachment (only IMAP4 accounts).

Delete on phone Delete downloaded attachment on phone. POP3 account: the attachment is deleted permanently on phone and cannot be downloaded again.

Go to URL If URL is highlighted: Start browser and load URL (page 80).

Save Select the save location (phone/memory-card). Downloaded file is saved in corresponding **My stuff** folder (page 101). Selected vCard is saved as contact. Selected calendar object saved as calendar event.

For standard functions see page 26

Add to Contacts

You can add contacts received via SMS, MMS or e-mail.

You can add the following contact details:

- contact details of the sender
- contact details (e.g. number, e-mail address) included in the message as contact (page 43). Note that you cannot receive a postal address.
- vCard: contact included in a message.

Save sender/contact details

Contact details included in a message are displayed in the **highlighted** text. Numbers can be dialled immediately (.

Options Open menu and select **Add to Contacts**.

To exist. contact

Select and confirm with .

Or

To a new contact

Select and confirm with . Select number/address type (e.g. private number) and confirm with .

Save vCard

Options Open menu and select **Save contact** and confirm with .

WAP push

The following messages are displayed:

- Service Indication (SI)
- Audio, video, image, text
- Service loading

Reading WAP push message



Select desired message and confirm with .

Read messages/information about received data. Where required start download.

Service loading message

You can connect to the browser and download the service.

Load Press.

Message with audio/video/image content

The message can contain attached files. You can view/play and save the attached content.

Message lists

Messages are displayed the same as in the inbox (page 62). The most recently edited/sent message is displayed at the top of the list.

Drafts



The list is organised on two tabs: SMS/MMS and e-mail.

You can save a message as a draft while creating it. Messages are saved as drafts automatically

- if transmission fails, or
- if you close the message application while creating a message.

Draft e-mails are not synchronised with the server.

Draft options

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



Select message.

Options

Open menu.

Edit

Edit Message.

Send

Send directly without editing (at least one recipient is added).

For standard functions see page 26.

Sent messages



The list contains all sent messages and is organised on two tabs: SMS/MMS and e-mail.

Send options

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



Select message.

Options

Open menu.

View

Read message.

Forward

- E-mail: Forward e-mail to another recipient.
- SMS/MMS: Select **SMS/MMS** (menu depends on selected message type). Create message and send it.

For standard functions see page 26.

Message settings

You can configure SMS, MMS, e-mails, cell broadcast (CB) and voice mail.

SMS settings



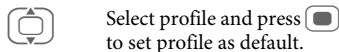
SMS profiles

The SMS parameters are configured in up to 10 different profiles. Profiles can be renamed, edited and set as default.

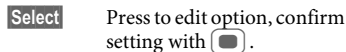
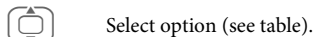
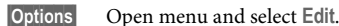
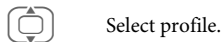
The first 5 profiles are saved on the SIM card, the last 5 profiles are saved on the phone memory. When replacing the SIM card, the profiles saved on the phone are not changed.

Setting default profile

If profile is already configured:



Edit profile



The following options are displayed:

Rename	Rename SMS profile.
Message centre	Enter number of message centre.
Recipient	You can set a default recipient for the profile. Select From Contacts and select contact/distribution list or enter number. This recipient is added to each SMS automatically.
Validity period	Select Maximum/1 week/1 day/12 hours/1 hour . If SMS could not be delivered during this period, it is deleted from message centre automatically.
Status report	Select On/Off/Ask on send . A status report is sent when a message is delivered successfully. If Ask on send is activated, a prompt is displayed when SMS is sent.
Send confirmation	Select On/Off/Ask on send to set whether or not a confirmation for successfully sent messages is displayed.
SMS access	Select GSM/GPRS mode for sending/receiving SMS.

SMS memory Select **Phone/SIM** as default save location for incoming SMS.

SMS type  Select delivery type.

Reset profile



Select profile.

Options Open menu and select **Reset profile**.

Yes Confirm.

The SMS profile is reset to an unconfigured state. If your provider has locked a predefined profile, it cannot be reset.

Auto header

If the function is activated the Header template is automatically inserted at the start of any created SMS.

On/Off Activate/deactivate and confirm with .

Auto signature

If the function is activated, the Signature template is automatically inserted at the end of any created SMS.

On/Off Activate/deactivate and confirm with .

Save sent items

If the function is activated, all sent SMS messages are saved automatically in the Sent folder (page 69).

On/Off Activate/deactivate and confirm with .

Auto delete SMS

If the function is activated, the oldest SMS message in the Inbox will be deleted upon arrival of a new SMS message.

On/Off Activate/deactivate and confirm with .

Emoticons

Emoticons are little symbols (Smilies) expressing your feelings. If the function is activated, emoticons are automatically displayed as little pictures.

On/Off Activate/deactivate and confirm with .

Text size

You can set the displayed size of the text in the SMS Viewer.

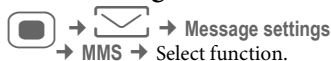
Small/Standard/Large

Select size and confirm with .

The Message sent notification is displayed when an SMS is transmitted successfully to the SMS centre. The centre forwards the SMS to the recipient.

If the message was not transmitted to the SMS centre, you can retry once. If transmission fails again, contact your service provider.

MMS settings

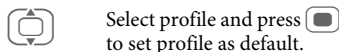


MMS profiles

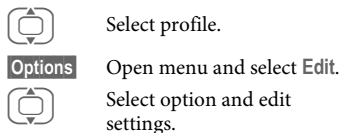
The MMS parameters are configured in up to 5 different profiles. Profiles can be renamed, edited and set as default. You will receive the necessary data from your service provider or via the "Setting Configurator" (page 126).

Setting default profile

If profile is already configured:



Edit profile



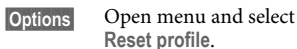
The following options are displayed:

Name	Enter profile name.
Connect. profile:	Select profile (page 110).
Internet profile:	Select profile (page 110).
Relayserver URL:	Enter Internet address.
Secure relay URL:	Enter Internet address.

Reset profile



Select profile.



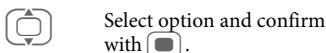
The MMS profile is reset to an unconfigured state. If your provider has locked a predefined profile, it cannot be reset.

Home retrieval/Roaming retrieval

You can configure when new MMS messages are to be downloaded from the message server for Home and Roaming retrieval.

The following settings are possible:

Automatic	Messages are automatically downloaded as soon as an MMS notification is received.
Always ask	When an MMS notification is received, you are asked whether to download it or not.
Restricted	(only for Home state) When an MMS notification is received, only the notification is displayed.



Req. read report

If the function is activated a report is sent back when the recipient reads the MMS message for the first time.

Yes/No Activate/deactivate function and confirm with .

Req. deliv report

If the function is activated a report is sent back when the recipient has downloaded the MMS message.

Yes/No Activate/deactivate function and confirm with .

Delivery time

Select how long an MMS message should be held on the server before sending it to the recipient.



Select **Immediate** or up to **7 days** and confirm with .

Validity period

If an MMS message could not be delivered during this period, it is deleted from the server automatically.

Maximum/1 week/2 days/1 day
Select and confirm with .

Hide number

If the function is activated your number is withheld from the recipient.

Yes/No Activate/deactivate function and confirm with .

Anon. messages

If set to **Reject**, anonymous MMS messages are rejected automatically.

Accept/Reject

Select and confirm with .

Allow read report



If the function is activated, requested read reports are enabled.

Yes/No/Always ask

Activate/deactivate function and confirm with .



If set to **Yes** or **Always ask** confirm the charge notification.

Allow deliv report

If the function is activated, requested delivery reports are enabled.

Yes/No Activate/deactivate function and confirm with .



If set to **Yes** confirm the charge notification.

Creation mode

You can restrict the content that can be added to an MMS.

The following settings are possible:

Free	You can add any content to the MMS.
Warning	You are warned when attempting to add content to an MMS that cannot be sent.
Restricted	If you attempt to add content that is not compliant (see above) an error message is displayed.



Select option and confirm with .

Auto signature

See SMS settings page 71.

Save sent items

See SMS settings page 71.

Allow adverts

If the function is deactivated MMS-based advertisements are automatically rejected.

Yes/No Activate/deactivate function and confirm with .

Emoticons

See SMS settings page 71.

Text size

See SMS settings page 71.

Max msg size

The size restriction affects only MMS messages you create. It does not restrict message download.

This setting is not available if the creation mode is set to **Free**.

If the limit is exceeded a warning is displayed or the creation is restricted depending on the current creation mode.

95 kb/195 kb/Network max

Select and confirm with .

E-mail settings

Before using this service you must set the server access and your e-mail parameters. You will receive the necessary data from the service provider or via the "Setting Configurator" (page 126).

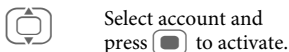
The e-mail parameters are configured in up to 5 different accounts. One account might be predefined by your provider. You cannot edit predefined accounts. You can activate, edit or rename accounts.

Forwarded and answered e-mails use the account that was used to receive the original e-mail.

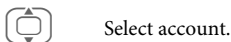


Activating an account

If account is already configured:



Deleting an account



Options Open menu and select **Delete**.

Yes Confirm warning prompt.

All e-mails in the Inbox, the Drafts and the Sent folders and all attachments belonging to the deleted account are deleted.

Editing an account

The account settings are grouped in the following areas: User Info, Connection Info and Message preference. Additionally you can add/create a signature.

Edit the account according to the information from your provider.



Select account.

Options Open menu and select **Edit**.

User info/Connection info/
Msg preferences/
Add signature/
Create signature
Select and press **Change**
(see below).



Navigate to input fields.



Open/close input fields.

User info

You can edit the following fields:

Your name:	Your name.
E-mail address:	Your e-mail address (name@domain.abc)
Reply-to address:	Additional e-mail address to use for replies.
User ID:	Your login name for the e-mail server.
Password:	Your password for the e-mail server.

SMTP user ID:	Your login name for the the send server. Only if SMTP authenticate: is enabled in "Connection info" settings (see below).
----------------------	--

SMTP password:	Only if SMTP authenticate: is set to Yes (see below): Your password for the SMTP server.
-----------------------	--

Connection info

You can configure accounts with two different receive server types: POP3 and IMAP4. The configured accounts may have different server types.

You can edit the following fields:

Data service provider:	Select connection profile (page 110).
-------------------------------	---------------------------------------

Receive server type:	Select POP3/IMAP4 .
-----------------------------	----------------------------

POP3 server:	If you want to use a POP3 server, enter the Internet address of the receive server. If you do not want to use a POP3 server you may leave the input field empty.
---------------------	--

POP3 server port:	Enter the port number of the POP3 receive server (default: 110).
--------------------------	--

POP3 uses SSL/TLS:	Select Yes/No to activate/deactivate encryption in communication with the POP3 server.
---------------------------	---

IMAP4 server:	If you want to use an IMAP4 server, enter the Internet address of the receive server. If you do not want to use an IMAP4 server you may leave the input field empty.
----------------------	--

IMAP4 server port:	Enter the port number of the IMAP4 receive server (default: 143).
---------------------------	---

IMAP4 uses SSL/TLS:	Select Yes/No to activate/deactivate encryption for communication with the IMAP4 server.
----------------------------	---

SMTP server:	Enter the Internet address of the send server.
---------------------	--

SMTP server port:	Enter port number of send server (default: 25).
--------------------------	---

SMTP uses SSL/TLS:	Select Yes/No to activate/deactivate encryption in communication with the send server.
---------------------------	---

SMTP authenticate:	Select Yes/No to activate/deactivate authentication on the send server.
---------------------------	--

Msg preferences

You can edit the following fields:

Download mode:	Select Only headers/Full message/Ask user .
Max msg size (KB):	Enter maximum e-mail size that is retrieved on the phone (in KB). For POP3 this value includes attachments, for IMAP it includes only the e-mail body.
Copy on serv.(POP3):	(Only POP3 accounts) Select Yes/No . If No is selected, the e-mail is deleted on the server when it has been downloaded to the phone.
Delete on phone:	(Only POP3 accounts) Select Del. on server/Leave on serv. If Del. on server is selected, the e-mail is deleted on the server when it is deleted on the phone. IMAP4 accounts always delete e-mail on server when deleted on phone.
Save sent message:	Select Yes/No to save a copy of the sent e-mails in the local Sent folder (page 69). To save sent e-mails on server you should set your own address as CC.

Include orig on reply:	Select Yes/No to include the original text in the reply message or not.
-------------------------------	--

Req. deliv. receipt:	Select Yes/No .
-----------------------------	------------------------

Request read receipt:	Select Yes/No .
------------------------------	------------------------

Add signature



Select **No e-mail/New e-mail/All e-mails** and confirm with .

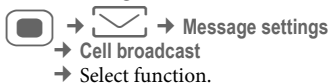
Create signature

The signature may span multiple lines.



Enter signature and confirm with .

CB settings



Receive broadcasts

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

On/Off Select and confirm with .

Cell info display

You can select whether or not the local cell information should be displayed in standby mode.

On/Off Select and confirm with .

Topic list

You can configure the types of broadcast messages you want to receive. The list of configured topics is displayed. You can add/remove topics.

Options Open menu.

Topic status	Select • Receive: New messages are received and stored in the Inbox. No notification is displayed. • Receive and notify: New messages are received and stored in the Inbox. A notification is displayed in standby mode (page 62). • Do not receive: Messages on this topic are rejected.
Add topic b. index	Enter topic index number.
Remove topic	Delete list entry.

Voice mailbox



Most service providers supply you with a mailbox in which a caller can leave a voice mail for you if

- your phone is switched off or not ready to receive,
- you do not want to answer,
- you are making a phone call (and if **Call waiting** (page 112) is not activated).

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

Settings



Voicemail no.:



Enter number.



Open menu and select **Save**.

Notification

You can activate and deactivate display of a message notifying of new voice mail entries.

On/Off Select and confirm with .

The service provider may supply you with two numbers:

- Mailbox number

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



Select number from contacts or enter/change it and confirm with .

- Call divert number

Calls are diverted to this number.



Enter number.

Or



Open menu and select **Mailbox**. Accept number or enter if necessary.

Listening to messages

A new voice message may be announced as:

- Icon plus beep or
- Notification via SMS or
- You receive a call with an automatic announcement.

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

Open the slider to use the keypad.



Press and **hold** (if necessary enter mailbox) and confirm.

Internet

 →  → Select function.

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

The browser is activated with the preset option as soon as you call up the function. Browser settings (page 80) may be specified/pre-assigned by the service provider.

In a GSM network, an incoming call pauses the data connection. The session is resumed automatically after you reject or end the incoming call. In a UMTS network, a call and a data connection should be possible at the same time.

Enter URL

 Enter URL and confirm with .

Start the browser and display the entered Internet site.

Changing the prefix

Options

Open menu and select **Prefix**.



Select a prefix or select **Custom** and enter prefix.

Bookmarks list

Display the list of bookmarks stored in the phone.



Select the bookmark and confirm with  to call up URL.

History

Display the list of most recently visited Internet domains and pages. Up to 10 domains and 30 pages per domain can be stored.



Select the history entry.



Call up the URL.

Standard functions see page 26.

Browser settings

Change the settings of the browser.



Select one of following functions:

Multimedia

Choose whether or not to download images, sounds or objects embedded on the Internet pages.



Navigate to functions.

Images Select **Show images/Don't show.**

Sounds Select **Play sounds/Don't play.**

Objects Select **Dwnld objects/Don't dwnld.**

Options Open menu and select **Save.**

Look and feel



Navigate to functions.

Font size Select **Small/Medium/Large.**

Text wrap Select **Char. bounds./Word bounds..**

Scroll step Select **Single line/Half page/Whole page.** Set the increment by which pages are scrolled when navigating within the Internet page.

Connect. timeout Set the maximum wait time for the web response. Select **60 seconds/90 seconds/No timeout.**

Options Open menu and select **Save.**

Security



Navigate to functions.

Secure prompt

Select **Yes/No.** Display a security prompt when leaving a page with secure connection to enter a page that is non-secure.

ID cache Select **On/Off.** Set whether or not the browser should store your user ID and password.

Cookies Select **Enabled/Disabled** to activate/deactivate cookies.

Link referral

Allow the current page to see previous URL. Select **Allow/Do not allow.**

Certificates

Display the list of stored certificates.

Current

Display the current certificate information.

Certificates list



Select certificate.



Display the selected certificate information, e.g. serial number, algorithm, validity period.

Or

Options Open menu and select **Enable/Disable** for the highlighted certificate.

WAP push

You can accept or reject messages from trusted and untrusted sources. If **Ask first** is set, you can decide for each message whether or not the content should be downloaded.



Navigate to input fields.

Allow push

Set whether or not to accept WAP push messages. Select **Operator/All/None**. If **Operator** is set, only messages from senders specified by the operator, are accepted.

Trusted content/Untrusted content
Select **Fetch content/Ignore/Ask first**.

Lockout time

Press  to open editor. Enter lockout time (in seconds) and confirm with .

Options Open menu and select **Save**.

Browser profiles

You can choose one of 5 browser profiles. A browser profile is a superset of an Internet profile, a connection profile and a startpage URL.

The current browser profile is marked.

Activate profile

Select profile and confirm with .

Edit profile

Options Open menu and select **Edit**.



Navigate to input fields.

Profile name

Enter profile name.

Internet profile/Connection profile

Select profile (page 110).

Start page Set current URL as startpage for the profile.

Options Open menu and select **Save**.

Reset profile

Select profile.

Options Open menu and select **Reset profile**.

Yes Confirm.

The browser profile is reset to an unconfigured state. If your provider has locked a predefined profile, it cannot be reset.

Browser options

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

Options Open menu.

Prefix	Change URL prefix.
Home	Call up the preset homepage for the current profile.
Bookmarks list	Display the list of stored bookmarks.
Add bookmark	Edit bookmarks. Enter name and address and select whether to save the bookmark for offline browsing.
Update bookmark	(only if offline bookmark) Reload bookmark.
Enter URL	Enter the URL for direct dial to an Internet address.
Save items	Show the list of items (images/sounds) of current page. Select Save from options menu. Select save location and save selected item in My stuff folder (page 101).
History	Display recently visited pages (page 80).
Forward	Load the following page in the current session, if there is one.
Reload page	Reload the current page.

Send link	Display the URL of the current page for sending via SMS/MMS/e-mail.
Privacy	Clear cache , Clear cookies or Clear history and confirm with  .
Set as startpage	Set the current page as browser startpage and confirm with  .
Settings	Open browser settings (page 80).
About	Display information on browser, e.g. version.
For standard functions see page 26.	

Ending a connection



Press to end the connection and close the browser.

Yes

Confirm.

OK

Confirm connection details.

Navigation in the browser



- Select a link (if link is a phone number, initiate call).
- Settings, status on/off.



If link is a phone number, initiate (video) call.

Back

Press to go back a page.



- One input field/link forward/back.
- Scroll one line.



Tab through active content (links on page).

Entering special characters



Select special characters.

The Internet browser is under licence of:



Download

Downloads are offered on the Internet. Once downloaded, the content is available to you on the phone.

You cannot download more than one content at a time.

Ongoing downloads are not affected when the slider is closed.

There are 3 categories of downloads:

- Web browsing.
- Open Mobile Alliance (OMA):
Download of the media content that has associated digital rights. Normally you have to pay for the content. The Browser interacts with the DRM (page 24) while downloading.
- Java applications are decrypted and processed by the Java Application Manager (JAM). When you start the download, JAM is started automatically (see below).

- If you would like to quit the browser while downloading: Press **Exit** and confirm to continue downloading in the background. Closing the slider has no effect on downloading in the background.
- An incoming call pauses the data connection. The download is resumed automatically after you reject or end the incoming call.
- To start the browser, see page 80.
- If the downloaded content type is not supported, a prompt is displayed. Confirm if you want to continue the download.
- If you download an application you have to confirm the signer of the application before the download is started.
- When the download is completed, you can either continue browsing or open the downloaded content and use it (e.g. set picture as wallpaper, play sound/video).
- Downloaded content is listed in the corresponding folder in **My stuff** (page 101). You can select whether to save downloaded applications in the Games or Applications folder.

Java Application Manager (JAM)

Display the list of Java applications currently available on the phone and manage those applications.



Select application.

Options

Open menu.

Depending on the application selected, different options are available:

Select	Open the selected link.
Launch	Launch the selected application, that has been fully installed.
Open suite	Select MIDlet application from the MIDlet suite.
Move	Move the MIDlet application to another folder.
Attributes	Display the MIDlet application information, e.g.name/version.
Security	View/edit the security settings of the MIDlet application. Depending on the application you can set the access rights for the MIDlet on the phone.
Reinstall	Download and reinstall the MIDlet application (update).
Java settings	Select connection profile (page 110).
For standard functions see page 26.	

You can use the browser to download applications (e.g. ringtones, games, pictures, animations) from the Internet.

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Games



Games are offered on the Internet. You can download games to the phone (page 84). Once downloaded, these are available to you via the phone.

Some games are already pre-installed on your phone. You will find these listed here:

www.BenQ-Siemens.com/sl91

Organiser

Calendar



You can enter events in the calendar. The time and date must be set for the calendar to work correctly.

AM/PM or 24 h display depends on your settings (page 117).

The calendar offers you 3 views: daily, weekly and monthly. When you switch the view, the current hour/day/week is marked.

Daily view

Display events of the current day. You can scroll from 12 AM to 11 PM. A vertical line indicates the event duration.



One day forward/back.



One hour forward/back.



Edit/New event (page 89).

Birthdays are displayed with the subject "Birthday" in a single hour slot at the day start time (page 88). If a birthday event is highlighted, press  to open the contact.

Weekly view

Events are shown as vertical bars of different colours on the horizontal hour division. The first 2 upcoming or current events for the current day are displayed below the calendar.



One day forward/back or one week forward/back if Monday or Sunday is highlighted.



Forward/back two hours through the day.



Display daily view for highlighted day.

Monthly view

Week numbers are displayed in the first column. The first 2 upcoming or current events for the current day are displayed below the calendar.



One day forward/back or one month forward/back if first or last day is highlighted.



One row up/down or one month forward/back if first or last row is highlighted.



Display daily view for highlighted day.

Calendar options

Depending on the current view different functions are offered.

Options Open menu.

Delete event Non-repeating event: Confirm with **Yes**.
Repeating event: Select **This occurrence/ All occurrences**.

e.g. Daily view Switch to the daily/weekly/monthly view.

Go to date Enter the date and confirm.

Synchronise Initiate the synchronisation of the calendar (page 90).

Settings Open the calendar settings (see below).

Delete events Delete all events of the day/week/month. Confirm with **Yes**. If there are repeating events, only the current event is deleted.

For standard functions see page 26.

Settings

Options Open menu and select **Settings**.



Navigate to input fields.

Default repeat:

Set the default repeat state for newly created events.



Select the required time frame.

Possible settings are: **Never, Daily, Weekly, Monthly, Yearly**.

Default alarm mode:

Set the default alarm state for newly created events.



Select the required time span before the event.

To set the ringtone see page 105.

Day start time:

Set the time displayed on the first line in the daily/weekly view.



Enter time.

Week start day:

Set first day of the week, e.g. Sunday.



Select day.

Save settings

Options Open menu and select **Save** to save calendar settings.

New event/Edit event

Events are displayed in all calendar views. Overlapping events are displayed in parallel as different vertical bars.

Options Open menu and select **New event/Edit event**.

If you edit a repeating event, select whether you want to save changes to the highlighted event or to all occurrences and confirm with .



Navigate to input fields.

Subject: Enter description of event (max. one line).

Start date:/Start time:
Enter the date/time when event starts.

End date:/End time:
Enter the date/time when event ends.

Alarm:/Repeat:
Default setting is selected (page 88). You can change the alarm/repeat for the current event.

Options Open menu and select **Save** to save the event.

If the time format **12-hour** is activated (page 117) press  /  to switch between **am/pm** for start and end time.

Information on the alarm

When the set date and time of the event are reached an audio and a visual alarm occur.

Reset alarm

Snooze Select the snooze option. Re-set the alarm for 10 minutes.

End alarm

Off Disable the alarm.

You can also end the alarm by opening/closing the slider.

Launch calendar

 Launch the calendar and display the event.

- An alarm sounds even when the phone is switched off (unless the phone is switched off in alarms off mode, page 21). The phone does not go to standby mode.
- To deactivate the alarm press any key.

Dictat. machine

 →  → Dictat. machine

Use the function to record short memos.

- Use your phone as a dictating machine when on the move.
- Record a memo as a reminder or as a note for others.

To start/playback recording see sound recorder (page 96).

Memos are saved in .amr format in the sounds folder (page 101).

Time zones



Time zones

You can select the time zone in the world map or the city list (page 117).

Synchronisation



Synchronisation

→ Select function.

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

If you receive an update prompt via WAP push (page 68), you have to confirm the update to initiate it.

Remote sync

You can configure up to 5 profiles for remote synchronisation. Before you start the synchronisation, check **Active profile**, **Sync mode** and **Apps to synchronise** (page 91).

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

- If an error message is displayed, correct respective settings.
- If you accept/establish a call during synchronisation, the synchronisation might be stopped depending on your network.
- Closing the slider does not affect an ongoing synchronisation.

Active profile



Select profile you want to use for synchronisation and confirm with .

Edit profile



Select profile.

Options

Open menu and select **Edit**.



Navigate to input fields.

Provider: Select a service provider.

URL: Enter the URL that points to SyncML server, e.g.:
//path.to/syncmlserver

Port: Enter the port number to connect with the SyncML server (1 to 65535).

Username: Enter your login name.

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

Cont.database:

Enter the path to the contact database on the synchronisation server.

Cal. database:

Enter the path to the calendar database on the synchronisation server.

HTTP authent.:

Enable/disable HTTP authentication. Select No/Yes.

HTTP username:

Enter your user name when HTTP authent.: is active.

HTTP passwd:

Enter your password when HTTP authent.: is active (shown as a series of asterisks).

Restore defaults**Options**

Open menu and select **Restore defaults**.

Sync mode

Navigate to input fields.

Data to sync:

Select whether **All data** or only **Modified data** is to be transferred during synchronisation.

Sync direction:

Select the direction in which synchronisation is to occur. **Two-way**: data is transferred in both directions between the phone and the server. **Mob.overwrite**: phone transfers data to the server. **Serv.overwrite**: server transfers data to the phone.

Apps to synchronise

Check/Uncheck highlighted item. Select the data type: **Contacts**, **Calendar** or both.

Done

Press to confirm.

Sync log

Display a summary of the latest synchronisation. The log indicates whether the synchronisation attempt was successful, e.g. date, time and details about the synchronised application.

For original accessories, e.g. Data Cable, see page 151. During the synchronisation all applications are locked.

Extras

My menu



Create your own menu with frequently used functions, phone numbers from the contacts list or applications. The list of 10 entries is preset. You can, however, change it as you wish.

Using



Select an entry.



Confirm.

Or



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

Change menu

You can replace each entry with another entry from the selection list.



Select an entry.

Change

Press to open the function list.



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



Confirm to save the entry.

If **None** is selected, the assignment is cleared from the list.

If **Speed dial** is selected, the contacts list is opened. Select a contact. If the contacts list is empty, select **Initialising...** to create a new contact.

SIM toolkit (optional)



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

If you have such a SIM card, the SIM services will appear in the main menu under "Extras" or directly above the 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 in your service provider's user package. For further information, please contact your service provider.

Alarm clock



The alarm clock can be set for each day of the week separately.

Set alarm



Select day of the week.

Options

Open menu and select **Set alarm**.



Set time (hh:mm).



Press to save changes.

The saved alarm is activated automatically.

- The alarm will ring with the set melody and volume, page 105.
- If the time format **12-hour** is activated (page 117) press **2 abc** / **7 pqrs** to switch between am/pm.

Apply to every day



Open menu and select
Apply to every day.

Options alarm clock

Depending on the current situation different functions are offered.



Open menu.

Set alarm	Edit currently highlighted alarm and save it (see above).
Turn on/Turn off	If alarm is off, turn it on and vice versa. If any alarm is active, you can also turn all alarms off.
Apply to every day	Use the time of the highlighted alarm for every day of the week.
For standard functions see page 26.	

End alarm

The alarm will ring at the set time, even when the phone is switched off (unless the phone is switched off in alarms off mode, page 21).

If the phone is switched on by the alarm, it won't switch off again when you end the alarm.

Reset alarm



Stop the alarm tone, and reset it for 10 minutes.

The original time of the alarm is not changed.

End alarm



End alarm.

You can also end the alarm by opening/closing the slider.

The alarm remains active and will occur at the same time in one week.



Display in standby mode:
alarm clock is turned on.

FM radio



To use the radio function, the stereo headset must be connected to the phone.

If no stereo headset is connected when the radio is started or while the radio is active, a message to this effect is displayed. Connect headset to start FM radio or press **OK** to return to the main menu.

- Volume is set by pressing .
- An incoming call exits the FM radio.
- If you start audio playback with another application, e.g. Media Player, the FM radio is closed.
- To activate the key lock during playback, press  → **Home** → .

Selecting a radio station

You can either select a frequency, scan for radio stations or select a radio station from the preset list.

Selecting frequency or scanning



Press **briefly**: Go down/up one frequency (0.1 MHz).

Press and **hold**: Start scan mode to search for reachable radio stations.

Selecting from preset list

Options Open menu and select **Preset stations**.



Select station 1-10 from the list and confirm with **OK**.

You can also enter the preset number:



Press **briefly**.

Adding a radio station to preset list

You can add the current radio station to the preset list.



Press and **hold**.

Or

Options Open menu.

Add to presets

Select and confirm with . The first unassigned preset number is pre-selected. Press  if you want to change preset number.

Select Press softkey and confirm with **OK**.

To overwrite a preset number, select a number which is already assigned.

FM radio options

Options Open menu.

Preset stations	Open list of preset radio stations.
Add to presets	Add current radio station to preset list.
Speaker-phone	Press Change to turn speakerphone on/off.
Auto store	Start automatic search for the 10 strongest radio stations and store them in the preset list.
Mono mode	Press Change to turn mono audio mode on/off.

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 display half.

 Enter digit(s).

 /  Navigate to functions.

 Select function.

 Enter digit(s).



Use function. The result is calculated and displayed immediately.

Basic functions

+, -, *, /	Basic calculator 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+	Add current number to saved number

Unit converter

 →  → **Unit converter**

You can convert various amounts into other units.

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 amount/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 basic currency into which the conversions are to be made.



Enter currency (e.g. euro).



Store entry.

Enter the name and the exchange rate of the currency to be converted.

Sound recorder



→ Sound recorder

Use the sound recorder to record noises and tones for use as ringtones. Tone recording is normally started by other applications/functions such as the "Media Player".

New recording

Record new

Select.

If a memory card is inserted (page 17), select save location:

Phone memory/MicroSD card

Select default save location and confirm with

The remaining recording time as well as the available time are displayed.



Press to start recording. If info tones are activated (page 115) a brief tone sounds when the recording starts.



Pause/record alternately.



End recording.

The recording is saved in a file in .wav format with a time stamp in the sounds folder (page 101).

If the sound recorder was started from another application, e.g. Media Player, you return to that state automatically.

- An incoming call ends recording. The record is saved automatically.
- Opening/closing the slider has no effect on recording.
- If available memory is insufficient, recording is not started. If phone runs out of memory during recording, recording stops. A corresponding message is displayed.
- Alerts (e.g. new message, alarm) pause recording.

Playback



Select recording.



Playback/pause, alternately.



Stop playback.

For volume settings and additional options see media player (page 98).

Stopwatch



Stopwatch

Use the stopwatch to measure time or to save intermediate times.



Start/Stop/Restart.



When stopwatch is running:
Switch to lap mode.

After a stop:



Reset time to zero.

Lap mode

While the stopwatch is running, the lap mode is available (see above). In lap mode, a lap is counted as the time between subsequent key presses.

The stopwatch continues to run and is displayed above the laps.



Save lap time.



Start/Stop/Restart
stopwatch.

After a stop:



Reset lap times to zero.

99 laps can be saved. The last 6 laps are displayed.



Stop and exit application.



Exit application, but stopwatch continues to run.

If you close the slider a prompt is displayed asking whether or not you want to continue the stopwatch application.

Media player



When you view a picture/video or listen to a melody, the application (e.g. Camera, Messages, My stuff) starts the media player automatically.

The media player functions are accessible via 4 tabs: **Music**, **Pictures**, **Videos** and **Bookmarks**.



Select tab.

The media player contains files stored on the phone memory as well as files stored on the memory card (those files are marked).

- An incoming call puts playback in the background automatically (page 28).
- You can use the Media player also if the slider is closed.
- See page 102 for possible media types.

Music

The music tab includes MP3 and AAC files. For fast access, the tracks are sorted by the following categories:

- **Playlists:** Display configured/new playlists (page 98).
- **Recent:** Display the 20 most recently played tracks (up to 25).
- **All tracks:** Display all saved tracks sorted by track name.

Playback



Select track/playlist (page 98) and confirm with .

The playback is started. At the end of the track, the next track in the list/playlist is played automatically.

If playback was started from another application, e.g. My Stuff, playback stops at the end of the track.

The media player offers the following functions during music playback:



Playback/Pause depending on current state.



Press **briefly**: Skip to previous/next track.

Press and **hold**: Rewind/fast forward within the current track (for MP3).



Set the volume.

- If the slider is open: Press  →  to activate the key lock during playback,
- To change the volume setting, the audio playback has to be in the foreground, see task switching (page 28).

Create new playlist

You can order several tracks in playlists.

Playlists Select category at the top level of the music tab and confirm with .

<New playlist>

Select and confirm with .



Enter name.

Options

Open menu and select **Save**.

You can add/remove files and change the order within the playlist via the options menu (page 100).

Pictures

All files are listed with file name and size.

Display picture



Select file and confirm with .

The following functions can be applied to a displayed picture:



Zoom picture.



Skip to previous/next picture in the directory.

If started from the camera application, skip to previous/next picture in that folder.



Switch full screen mode and normal view.

Videos



Select file and confirm with .

The media player offers the following functions for video playback:



Playback/Pause depending on current state.



(not within live stream)

Rewind/Fast forward if supported.



Switch full screen mode and normal view.

For volume settings, see music playback (page 98).

Bookmarks

The Bookmarks tab shows a listing of up to 30 streaming content links. Each URL must correspond to a single online audio/video file. These bookmarks are not listed as browser bookmarks.

The first line of each item is the name of the bookmark. When selected, a second line with the URL/path to the online content is displayed.



Select bookmark and confirm with .

Start Playback music/video directly from bookmark (live stream).

Music/Video is downloaded. To ensure continuous playback, the data is buffered on the phone. The playback starts about 5 seconds after the connection was established. The buffer progress is displayed before and during playback.

For volume settings, see music playback (page 98).

- You cannot pause an audio/video live stream.
- If you close the slider after having started audio/video streaming, the streaming continues.
- Incoming calls, alarms and events stop streaming.

Media Player options

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

Options Open menu.

Music file selected

Add to playlist Open list of all tracks. Select track(s) you want to add, press **Options** to open menu and select **Done**. Select new/existing playlist. The highlighted tracks are added.

Playlist selected

Edit playlist Open menu. Select **Remove tracks/** **Change order** to remove tracks from the playlist or to change the order within the playlist.

Picture file selected

Zoom in/
Zoom out Zoom picture.  /  navigate within the picture in zoom mode.

Fit to screen If picture is zoomed, return to original sizing.

Slideshow Start automatic flow through pictures in current folder. Jump to next/previous picture manually with navigation key. Slide show ends when all pictures in the folder are viewed. End manually with softkey.

Bookmark selected

Settings Select connection profile (page 110). Press **Options** to open menu and select **Save**.

Further functions

Play/Pause Playback/Pause current file.

Full screen Enter full screen mode.

History Open history (see below).

New picture/
New video Start camera in picture/video mode (page 56). You may also press  to start the camera.

New sound Start Sound recorder (page 96).

Set as bookmark (Only streaming content) Add to bookmarks list.

For standard functions see page 26.

History

You can access a history comprising the last 10 files opened regardless of their type and their storage location. Streaming data is also included. If you try to open a file which has been deleted already, an error message is displayed.

My stuff

To organise your files, you can use the file system like a PC file manager. There are some folders in **My stuff** for various data types for this purpose. 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, page 24).

You can open **My stuff** either from other applications, e.g. media player, messages, settings or via the main menu:



If a memory card is inserted (page 17), folders/files are organised on a separate tab. Files are managed the same way as files saved on the phone.



Select tab (phone memory/memory card). List of folders/files is displayed.



Select folder/file or link and confirm with .

Back

Go back to previous folder level.

Depending on your selection, the file and respective application are opened, or the download is started.

Index structure

Files are organised in folders. Some folders have already been created for different data types. These folders cannot be changed: **Sounds, Pictures, Videos, Misc..**

The phone memory tab has, additionally, the folders **Themes, Games and Applications**. When selected, the number of entries is displayed.

The content of the fixed folders is filtered. The folders contain special media types (see table page 102). Files that do not fit in another folder are listed in **Misc**.

You can add personal folders on the top level as well as subfolders. Personal folders are displayed behind the default folders.

Personal folders on the top level can contain mixed media types. You can delete personal folders.

Within fixed folders you can add personal subfolders, which are restricted to the media type of the fixed folder.

When you enter **My stuff** from other applications, e.g. messages, to open/send file with a specific media type, the respective fixed folder is opened. In that mode you can select files of the same type stored in personal folders via links from fixed folders.

Folder	Content/Options	Formats (e.g.)
Sounds	Melodies, recordings The subfolder Ringtones is fixed. New entry: Start sound recorder (page 96).	mp3, aac, aac+, m3u, mid, amr, wav, real audio 8/9
Pictures	Pictures New entry: Start camera in picture mode	bmp, jpg, jpeg, png, gif
Videos	Videos New entry: Start camera in video mode	3gp, H263, MPEG4
Themes	Load theme (packed) Theme configuration (unpacked). Select theme to activate it.	*
Games	Launch Java Application Manager (page 84).	jar, jad
Applications	Launch Java Application Manager (page 84) and display list of saved applications.	*

Misc.	Files of media types that are not included in other folders, e.g. text modules, Internet pages. If you try to open a file of unknown type an error message is displayed.	e.g. html, wml
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Depending on your provider the structure, content and functionality may differ.

My stuff options

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

Options Open menu.

View/Play/Open	Start Media player and open selected file.
New folder	Create new folder on the current level and name it.
Search	Enter file name/key word to search files. A list of results is displayed.
Move/Copy	Place highlighted file(s) in temporary memory. Move: delete selection in the originating folder. Copy: duplicate selection in the destination folder. If a DRM-protected file is selected, the copy/move option is not available.

Paste	Transfer content of temporary memory into current folder. If you paste content to another top level folder, only folders are displayed which accept this media type. Note that protected items cannot be transferred to the Micro SD card (DRM, page 24).
Select	Activate selected theme.
Assign to contact	Assign media file as ring-tone/picture to a contact.
License manager	Start licence manager (see below).
For standard functions see page 26.	

License manager

Display alphabetical list of all rights associated with files stored on the phone or the Micro SD card.

If the selected file has no license:

Yes Press to start license manager anyway.



Select license.

Options Open menu.

View license	Display license details (e.g. name, forwarding, remaining, content location, etc.).
Renew license/Buy more usage	Open browser to URL of license server. Purchase new/supplementary rights.
License search	Enter rights name to search for license.
Go to content / Downld content	Go to associated content file for specified license in respective folder (page 101). If chosen content is not found on the phone or the Micro SD card, you have to download content first. Load URL of content server.
Delete license	Remove license from phone. Confirm notification.

Settings

Profiles



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

- The following standard profiles are provided with default settings: **General**, **Silent**, **Meeting**, **Outdoor**, **Car kit**, **Headset**, **Music cable**. You can edit the default settings.
- You can set and rename 2 personal profiles (**User profile 1** and **User profile 2**).

- Bluetooth Car Kits do not support profiles, e.g. **General**, **Silent**, **Meeting**, **Outdoor**, **Car kit**, **Headset**.
- When you activate a profile, all the settings defined in the profile are updated. If you change one of these settings via the settings menu, that change is reflected in the currently active profile automatically.

Activating a profile



Select a default profile or a personal profile.



Activate profile.

Profile settings

Edit a default profile or create a new personal profile:



Select profile.

Options

Open menu and select **Change settings**.

The list of available settings is displayed. For details see corresponding menu descriptions.

When you have finished setting one function, you return to the profile menu and can change further settings.

In standby mode: Press **briefly**  to display Profile list.

Profile options

Options

Open menu.

Activate

Activate selected profile.

Change settings

Change profile settings.

Return to default

Enter phone code (page 29) and confirm with **Yes** to set profile settings to default.

Copy from

Copy settings from another profile. Select profile whose settings you want to copy and confirm with .

Headset

The special profile **Headset** is automatically set when an original headset is attached (see also accessories, page 151).

Ringtones



→ Ringtones

Volume

Set the tones on the phone to suit your requirements. The volume setting controls the volume of the ringtone as well as the general volume level of beeps and tones played by different applications. The volume setting does not affect the media player or the FM radio.

You can set the volume in 5 Levels or switch ringtones off.



Set volume and confirm with .

While editing the volume level, the currently set level is played.

Voice calls/Video calls/ Calendar/Alarm clock

Select function and set melody and tone for each function separately.

Melody

Select a sound file to use as ringtone.



Select melody from **My stuff** folder (page 101) and confirm with **Select**.

Tone

Depending on the selected function, the following options will be offered:

On/Off

Activate/deactivate melody specified above. You cannot turn off the alarm clock tone.

Beep

Set ringtone to beep.

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.

Messaging

Melody

For melody settings, see above.

SMS & MMS tone/CBS alert tone/ E-mail tone

Set alert tone used for the different types of messages.

For tone settings on, see above.

Game sounds/Startup sound/Shutdown sound

Set pre-defined sound effect for the selected function.



Press to switch tone **On/Off**.

If you want to use the navigation software, you should switch on **Game sounds**. Otherwise the navigation does not announce directions.

Open ProSlide tone/ Close ProSlide tone

Set melody to be played when the slider is opened/closed.

Melody

Melody settings on page 105.

Tone

Tone settings on page 105.

Themes



→  → Themes

Load a completely new user interface in your phone. With the press of a key, various functions are re-organised based on a theme, e.g. switch on/off melody and opening/closing melody.

Theme files are automatically packed to save memory space. Themes are temporarily unpacked when activated, e.g. after a download (page 84) or a call from **My stuff** (page 101).

In addition to the automatic exchange of theme parameters (e.g. switch on/off melody), you will have to manually set parameters such as Logo.

- When you select a theme all the components of the theme apply to the phone, e.g. ringtones, wallpaper. The existing settings might be overwritten.
- Subfolders within the theme folder are not supported. The theme might not be recognized.
- If a preview of the theme is available, press **Preview** to view the selected theme.

Activating a theme



Select theme and confirm with .

If you delete an active theme, some used elements are reset to default.

Display



→  → Display

Set Wallpaper/Logo

You can set pictures separately for the following functions:

Wallpaper

Background image used on the display in standby mode.

Logo

Graphic to be displayed instead of the provider logo.

Set Wallpaper/Logo

Wallpaper/Logo



Select and confirm with .

Select file from corresponding folder in **My stuff** (page 101) and confirm with **Select**.

Change Wallpaper/Logo

Change



Press to open wallpaper/logo setting.

Select file and confirm with **Select**.

Greeting message

Set a message to be displayed when phone is switched on.



Enter greeting (up to 2 lines) and confirm with .

Backlight time

Set the backlight duration for the display.



Select time and confirm with .

Brightness

Set the brightness level for the display and keys.



Decrease/increase brightness and confirm with .

Power save

Set the time when the display goes into power save mode automatically.



Select time or deactivate the function and confirm with .

Vibration (silent alert)



→  → Vibration

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).

Vibration is deactivated when the battery is being charged and accessories are connected (except the headset).

Vibration

Select the vibration pattern.

Off/Standard/Helicopter/UFO/Shock/
Mosquito/Train

Select vibration mode and confirm with .

Decreasing the brightness of the display extends the operating time of your phone.

Connectivity



Bluetooth® (BT)

Bluetooth is a short-range radio connection by means of which a headset or car kit or such can be connected without the need for wires.

Using the **Send** function in the options menu for the application concerned you can also use this route to send data.

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 of "confidential" devices.

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

The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by BenQ Corp. is under license. Other trademarks and trade names are those of their respective owners.

If the slider is closed:

- A prompt is displayed asking whether or not you would like to continue data transfer via Bluetooth. Reject the prompt to cancel the data transfer.
- If another user tries to establish a connection and the device is trusted (page 109), the connection is established automatically. If the other device is not trusted a prompt is displayed to open the slider.

Bluetooth active



Press to switch Bluetooth On/Off.

Bluetooth reduces the phone's standby time if it is activated.

File location

Select where the files are to be stored after being transferred via Bluetooth.

Phone/microSD card

Select and confirm with .

Search

Search for specific categories of devices or for all Bluetooth devices.

All devices/Audio/Phone/PC

Select and confirm with to start search.

Found devices are displayed in a list (for list options see below).

If **Audio** is selected, headsets, car kit and audio or video devices are listed.

Known devices

Display the list of known devices (max. 10 devices).

Last connected

Display the list of last 10 connected devices, including those that are currently connected.

Bluetooth name

Display device address. Enter the device name that is shown to other BT devices when they request this (see **Bluetooth visibility**).



Enter BT name for your phone (up to 16 characters) and confirm with .

If no name is entered, the device address is shown to other BT users (the device address cannot be changed).

Bluetooth visibility

The device address/name is shown or not to other BT devices if they request this in order to receive or send data.



Select one of the following options and confirm with .

On/Off	Activate/deactivate visibility.
Auto	Set visibility for 5 minutes, then visibility is disabled automatically.

List options

Depending on the current list (known or last connected), different functions will be offered.



Select device from list.

Options

Open menu.

Trust/ Do not trust	Enter the password to trust the device or remove trust option of device. Trusted devices are added to the known list automatically and do not require the password to connect.
Connect/ Disconnect	Establish/end BT connection to a known audio device. Only one audio device may be connected at a time.
View details	Display the device details: Name: , Device type: and Address: .
Add to known list	Add the device to the known list.
New search	Start a new search.

Data counter

Display the data transfer information.



Reset the data counter and confirm with .

Connect.profiles



Depending on your provider up to 25 profiles may be preset containing a collection of settings utilised by applications. Depending on your provider you may rename/edit/delete the profiles via the options menu.



Select profile from list and confirm with .

The following information is displayed and may be edited:

Profile name:

Default/changed name.

APN: Access point name (URL).

Login: Your login name.

Password: Your password.

Authentication:

Select authentication mode:
Normal/Secure/ None.

DNS 1 (opt);, DNS 2 (opt):

The IP addresses of the used primary/secondary DNS server. DNS servers are used on the Internet to translate IP addresses into domain names and vice versa.

Your provider will supply you with your login and password.

Internet profiles



Depending on your provider up to 25 profiles are preset containing a collection of settings utilised by applications. Depend on your provider you

may rename/edit/delete the profiles via the options menu.



Select profile from list and confirm with .

The following information is displayed and may be edited:

Profile name:

Default/changed name.

Type: Select profile type: **HTTP/WAP.**

Security: Select security mode.

Proxy server:

IP address or domain of the server used for Internet access.

Proxy port:

Communication port of the server (1 to 65535).
Commonly the setting is 80 or 8080 for HTTP and 9201 for WAP.

Login: Your login name.

Password: Your password.

Your provider will supply you with your login and password.

Linger time



Depending on your provider you may be able to specify the linger time which will apply to all applications.



Enter time (1-999 seconds).

Shortcuts

You can assign one important number/function to each softkey, the navigation key (every direction) and the number keys 2 to 9 (speed dial numbers).



Select key

Left soft key/Right soft key

Select key and confirm with .

Navigation keys

Select and confirm with . Select **Up/Down/Left/ Right** and confirm with .

Number keys

Select and confirm with . Select number key and confirm with .

Set/change shortcut function



Select function and confirm with .

To assign a number to a key, select the contact application and then select the desired contact.

Start function/call number

The function is started or the number is dialled at the touch of a button.

Press and **hold** key to start application/dial number.

Pre-defined key functions

The following key functions are predefined. You cannot change their function.



Dial the mailbox number (page 79).

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 **View** to access a new message for example.

If no function is assigned, you can set a function if you

- press and **hold** the number key in standby mode and confirm
- press the softkey **briefly**.

Call setup



Hide ID



When you make a call, your number can be shown on the display of the called party or suppressed. You may need to register separately with your service provider for these functions.



Select one of the following options and confirm with .

Default	Set to default.
On/Off	Activate/deactivate display of the number for all subsequent calls.
Next call only	Activate/deactivate display of the number just for next call.

The setting applies to voice and video calls.

Call waiting



If you are registered for this service, set call waiting.

On/Off Activate/deactivate call waiting and confirm with .

Or

Check status .

Select to display current setting.

Diverts

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

The different call types are described below.

Divert video calls/voice calls

Voice calls/Video calls

Select call type and confirm with .

All video calls/All voice calls/

Unanswered/Not reachable/No reply/Busy

Select option and confirm with .

Options



Open menu and select **Set**.

Enter the number you want to divert to. Or select **Contacts** from the options menu and select a contact.

Divert other call types

All calls/Data/Fax/Messages

Select a call type and confirm with .

Options

Open menu and select **Set**.



Enter the number you want to divert to. Or select **Contacts** from the options menu and select a contact.

Check status



Options

Open menu and select **Check status**.

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

Clear all



Options

Open menu and select **Clear all**.

All set diversions are cleared. Confirm with .

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

All calls



All calls are diverted.



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

Unanswered



A call is diverted in the following situations: **Not reachable**, **No reply**, **Busy** (see below).

Not reachable



A call is diverted if the 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



A call is diverted if another call is in progress. If you activated **Call waiting** (page 112), you will hear the call waiting tone during a call (page 38).

Fax



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

Data/Messages



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

Any key answer

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



Press to switch function
On/Off.

Video calls

Specify the additional settings for video calls.

Show my image

If the function is activated, your video image is always transmitted to the caller during a video call.

If the function is deactivated, you can choose whether or not to send the video image when you receive an incoming video call.



Press to switch function
On/Off.

Select image

If you do not want to transmit your video image to the caller (**Show my image** is deactivated), you can select a video mute picture that is shown instead.

If the standard picture is set, the default video mute file provided by the manufacturer or the service provider is displayed.

Change

Press to change setting.



Select a picture from
My stuff (page 101) folder
and confirm with .

- You cannot send protected files during a video call (DRM, page 24).
- The video mute file is sent during video calls when the slider is closed.

Phone



Language

Set the language of the display text.

Display language

Show the currently set display language. When **Automatic** is set, the language of your home service provider is used.

Input language

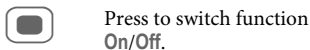
Select a language for text entry. Languages with T9 support are marked with the **T9** symbol. When **Automatic** is set, the input language is based on the display language.

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#.

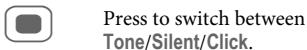
T9 mode

Set T9 (intelligent text entry) or the multi-tap as default text entry method for most of the text entry items.



Key tones

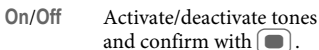
Set the tone that is played when pressing keys.



If **Click** is set, a tone is played only for the sensor keys (page 12).

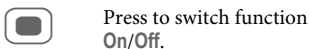
Info tones

Set the service and alarm tones.



Charging Light Indication

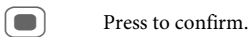
If activated the navi key blinks while the battery is charging. When the battery is fully charged and the charging cable is still connected, the navi key light is permanently on.



File system

Format card

Format the **Micro SD card** and delete **all** saved data. Formatting can last longer than one minute.



Memory assistant

Start the memory assistant (page 27).

Phone identity

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



Switch between tabs to display additional information about the device, the software configuration or start a device check.

Software version

To display the software version for your phone in standby mode:

***#06#**, and select the Configuration tab.

Device check

A self-test as well as individual tests are offered. If you select **Self test**, all individual tests are carried out.

Master reset

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

The reset has no bearing on files saved in **My stuff** (page 101).

Alternatively enter in standby mode:

***#9999#** 



Enter the phone code (page 29) twice and confirm with .

Note that the master reset does not wipe your settings (incl. files stored on the phone) but only resets to factory settings.

Clock



The clock must be set correctly once at start-up (page 22).

Setting the time and date

Time/Date Select with .



Enter time (hours/minutes) or date (day/month/year) and confirm with .

If **Auto time** is activated (page 118), the network time is displayed.

- If the battery is removed for longer than 30 seconds, the clock is reset automatically.
- If the time format **12-hour** is activated (see below) press  /  to switch between **am/pm**.

Time zone

The world clock shows the current system time, the time zone (grey vertical bar on the map), the time zone name and the time in the selected city.

The time zone can be changed:



Select the desired setting and change the time zone in the world map.



Select a city in the selected time zone.



Display set time zone.



Confirm.

Time zone options

Options Open menu and select option.

Set time zone	Set a new time zone for the selected city. Confirm with Yes .
Auto time	Enable/disable automatic update of the time and the time zone.
Search city	Open the city list and select a city.
For standard functions see page 26.	

If you change the time zone:

- The alarm clock is not affected.
- Calendar events are updated to the current time zone.

Time format

Set the display format for time used in various applications.



Press to change time format **24-hour/12-hour**.

Date format

Set the display format for date.



Select date format and confirm with .

Show clock

Set the time and date display in standby mode.



Press to switch function **On/Off**.

Auto time



If you activate auto time, the time zone is switched automatically to local time by the network.



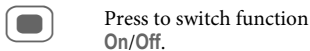
Press to switch function
On/Off.

Security



Auto key lock

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



The keypad can also be directly locked and unlocked in standby mode. In each case:

 Press and **hold**.

Only protect. SIM



(PIN2 or phone-code protected)

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

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

On/Off Activate/deactivate and confirm with .

PIN codes



See page 29:

PIN control, Change PIN, Change PIN2, Change phonecode

This SIM only



(PIN 2 or phone-code protected)

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

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

On/Off Activate/deactivate and confirm with .

Barrings



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 supply you with this password. You may need to register separately for each barring.

Activate/deactivate barrings

 Select call type described below and confirm with .

Activate/Deactivate

Select and confirm with .

Enter the network password and confirm with  to activate/deactivate barring for selected call type.



Confirm barring message.

All outgoing

All outgoing calls except emergency numbers are barred.

Outg. internat. (International outgoing)

Only national calls can be made.

Outg. int. x home (International outgoing without home country)

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

All incoming

The phone is barred for all incoming calls (forwarding of all calls to 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

Check the status of selected or all call type(s).



Enter the network password.



Confirm barring message.

Clear all

All barrings are deleted.



Enter the network password.



Confirm to clear all barrings.

License manager

Start the License manager to view/edit license information of all saved files (page 103).

Download prompt

Enable or disable a content download notification (page 24).



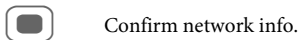
Press to switch function On/Off.

Network



Network info

Retrieve information about the network operator currently set. Information is displayed.

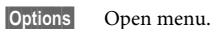


Choose network

Start network search. This is useful if you are **not** in your home network or want to register in a **different** network.

If **Auto network** is activated (see below), confirm to deactivate the auto network function.

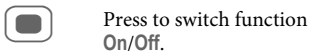
The list of networks currently available is displayed.



Info	Display network information.
Select	Set as current network operator.

Auto network

If you activate this function, the phone searches automatically and selects the next network on the preferred network list. Otherwise you can select a different network manually from the network list.

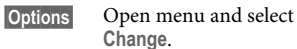
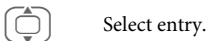


When function is deactivated, the **Choose network** function is started automatically (page 121).

Preferred network



Display a list of preferred networks. Customise the list by changing entries.



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

Mode selection



Make sure that your service provider supports the selected mode.



Select **Automatic/GSM only/UMTS only** and confirm with .

Fast search

If you activate this function, network reconnection is speeded up.



Press to switch function **On/Off**.

Accessories



Car kit

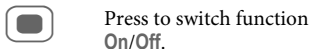
The **Car kit** profile is activated automatically as soon as the phone is connected to a car kit.

Edit profile

To edit the **Car kit** profile see page 104.

Auto answer

Voice and video calls are accepted automatically after a few seconds.



- **Auto answer** does not apply if you are already in a call or if a Bluetooth headset is connected to the phone.
- Closing the slider: In conjunction with a car kit or headset closing the slider will not cancel dialling or incoming calls.
- An information tone is sounded when the call is accepted. If you do not notice that your phone has accepted a call, there is the danger that the caller may eavesdrop.
- Power save settings are disabled automatically when the phone is connected to a car kit.

Key assignments

(only for Car Kit Comfort)

You can assign new functions to keys on the car kit.

Key 1/Key 2/Key 3

Select the key and confirm with .



Select function and confirm with .

Headset

Only in combination with an original handsfree headset (page 151). If an original headset is used the **Headset** profile is automatically activated when the headset is plugged in.

Edit profile

To edit **Headset** profile see page 104.

Auto answer

Voice and video calls are accepted automatically after a few seconds.



- **Auto answer** does not apply if you are already in a call.
- An information tone is sounded when the call is accepted. If you do not notice that your phone has accepted a call, there is the danger that the caller may eavesdrop.

Charge via USB

The phone is charged via USB when connected to a computer via USB cable.



Mobile Phone Manager

The MPM (Mobile Phone Manager) enables you to use extended phone functions from your PC. The phone and PC communicate via a data cable (see Accessories, page 131) or Bluetooth.



You can download the latest version of the MPM software from the Internet at:

www.BenQ-Siemens.com/sl91

SmartSync



With SmartSync you can always synchronise your data with Outlook®, OutlookExpress® or Lotus Notes™ as soon as the phone is connected to a PC. New and changed contacts are synchronised in just the same way as messages and appointments.

Photos > PC



Copy photos taken with the phone onto your computer's hard disk.

Songs > Phone



Copy MP3 or other music files from the hard disk of your computer to your phone.

Images



Images offers you the opportunity to conveniently create, edit and manage pictures and photos. Filters and effects are offered to help you 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.

Media Pool



The Media Pool offers you a convenient option for managing ringtones, music and videos. You can store your music files in your phone automatically converting them into a suitable format.

Mobile Modem Assistant



The Mobile Modem Assistant quickly and easily establishes an Internet connection via your mobile phone enabling you to use your PC at home or when traveling to surf the Internet.

Phone Explorer



You can access the data in your phone quickly and easily with the Phone Explorer. The phone is simply integrated in the data structure of your PC and handled exactly as if it was another folder in your PC.

Options



Here you can adjust all the program settings.

Questions & Answers

If you have any questions about using your phone, visit us at www.BenQMobile.com/customercare any time. For additional help, we have listed below some frequently asked questions and answers.

Configuration service

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

As an alternative you can also use the "Setting Configurator" at www.BenQMobile.com/customercare. We will then send you the configuration messages. Please follow the instructions contained in those messages.

Problem	Possible causes	Possible solution
Phone cannot be switched on.	Flat battery.	Charge battery. Check charging indicator in the display.
	Battery contacts dirty.	Clean contacts.
	See also below under "Charging error".	
Too little standby time.	The operating time depends on the respective operating conditions. Extreme temperatures significantly reduce the phone's standby time!	
	Some settings/functions negatively affect the standby time.	It may be useful to restrict the use of the following functions in order to improve the standby time: Bluetooth function, Cell Broadcast, Silent Alert/Vibrator Alarm, Fast Search, display illumination (can be adjusted to a lower level or switched off), frequent use of organiser and games.
	Data cable connected.	When a data cable is connected, the battery will be empty within a few hours even if there is no active data connection at all. Connect data cable only if necessary.
	Unintentional keystrokes (illumination!).	Activate auto key lock (page 119).

Problem	Possible causes	Possible solution
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 +45 °C (+41°F to +113°F).	Make sure the ambient temperature is right, wait for a while, then recharge.
	Contact problem	Check power supply and connection to the phone. Check battery contacts and phone connection socket, clean them if necessary, then insert battery again.
	No mains voltage.	Use different mains power socket, check mains voltage.
	Wrong charger. Battery faulty.	Only use original accessories. Replace battery.
SIM error.	SIM card not inserted correctly.	Check that the SIM card is inserted correctly (page 17).
	Dirty SIM card contacts.	Clean SIM card with a dry cloth.
	SIM card with wrong voltage.	Use 3V and 1.8V SIM cards only.
	SIM card damaged (e.g. broken).	Carry out a visual check. Change SIM card at service provider.
No network connection.	Weak signal.	Move higher, to a window or an open space.
	Outside GSM/3G 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 (page 121).
	Network call barring is set. Network overloaded.	Check network barrings (page 119). Try again later.
Phone loses network.	Signal too weak.	Reconnection to another service provider is automatic (page 121). Switching phone off and on again can speed this up.
Calls not possible.	New SIM card inserted.	Check for new barrings.
	Charge limit reached.	Reset limit with PIN2 (page 29).
	Credit used up.	Load credit.
Certain uses of phone not possible.	Call restrictions are in place.	Barrings can be set by service provider. Check barrings (page 119).

Problem	Possible causes	Possible solution
Impossible to make entries in contacts.	Memory is full.	Delete entries in contacts (For standard functions see page 26) or call up memory assistant (page 27).
Voice mailbox not functioning.	Call divert to mailbox not set.	Set call divert to mailbox (page 79).
Function cannot be set.	Not supported by service provider or registration required.	Contact your service provider.
Capacity problems with, for example, games, ringtones, pictures, videos, messages.	Phone memory full.	Delete files in the relevant areas. You can use the memory assistant to delete specific files (page 27).
No WAP access, downloading not possible.	Wrong or incomplete WAP settings.	Check WAP settings (page 82). If necessary ask your service provider.
Text message cannot be sent.	Service provider does not support this service.	Contact your service provider.
	Number for service centre not set or incorrectly set.	Set service centre (page 70).
	SIM card contract does not support this service.	Contact your service provider.
	Service centre too busy.	Repeat message.
No Internet access possible.	Recipient does not have a compatible phone.	Check.
	Wrong or incomplete WAP settings.	Check WAP settings (page 82) and contact your service provider if necessary.
PIN error/ PIN2 error.	Three wrong entries.	Enter the PUK (MASTER PIN) supplied with the SIM card according to the instructions. If the PUK (MASTER PIN) has been lost, please contact your service provider.
Phone code error.	Three wrong entries.	Contact Service (page 130).
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.

Problem	Possible causes	Possible solution
Picture quality not good when viewing a picture.	Pictures taken with the rear camera (2MPix pictures) are displayed in thumbnail quality on the phone. The displayed quality does not correspond to the actual resolution.	Transfer your pictures to a PC to view/zoom them. On the PC the pictures are displayed in the resolution you set for the camera (page 56).

Charge meter does not work.	SIM card does not support the charge pulse.	Contact your service provider.
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Damage

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

Reset all settings to factory default, page 116: ★ # 9 9 9 9 # 

Customer Care

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

Our online support on the Internet:

www.BenQMobile.com/customer-care

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

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 select the configuration tab) and if available, your 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 page 126.

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 81 02 22 66 24
Australia	13 00 55 76 68
Austria	05 17 05 17
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	40 08 88 56 56
Colombia	01 80 07 00 66 24
Croatia	0 16 10 53 81
Czech Republic	2 33 03 27 27
Denmark	35 25 65 29
Dubai	0 43 96 64 33
Ecuador	18 00 10 10 00
Egypt	0 23 33 41 11
Estonia	56 64 54 00
Finland	09 22 94 37 00
France	01 56 38 42 00
Germany	0 18 05 33 32 26
Greece	80 11 11 11 16
Hong Kong	28 61 11 18
Hungary	06 14 71 24 44
Iceland	5 20 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 45 27 90 36
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	40 66 61 56 40
Macedonia	0 23 13 18 48
Malaysia	+ 6 03 77 12 43 04
Malta	+ 35 32 14 94 06 32
Mauritius	2 11 62 13
Mexico	01 80 01 23 87 46
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 57 77 46

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	8 800 200 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	08 57 92 90 49
Switzerland	08 48 84 08 45
Taiwan	02 23 96 10 06
Thailand	0 29 53 50 00
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
Uruguay	00 04 05 46 62
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 manufactured to the highest of standards and should be treated with great care. The suggestions below will help you to enjoy your phone for many years.

- Protect your phone from moisture and humidity. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits. Should your phone become wet, disconnect it immediately from the power supply to avoid electric shock. Do not place your phone (even to dry it) on/in a source of heat such as a microwave oven, oven or radiator. The phone may become overheated and possibly explode.
- Do not use or store the phone in dusty, dirty areas. Its moving parts may be damaged and the casing may become deformed and discoloured.
- Do not store your phone in hot environments (e.g. vehicle instrument panel in the summer). High temperatures can shorten the life of electronic devices, damage batteries and warp or melt certain plastics.
- Do not store your phone in cold environments. When the phone warms up again (to its normal ambient temperature), moisture can form inside the phone, which may damage electronic circuit boards.
- Do not drop, knock or shake your phone. Rough handling can damage internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone.

The suggestions given above apply equally to your phone, battery, charger and all accessories. If any of these parts is not working properly, obtain fast and reliable help at our service centres.

Battery quality statement

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

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

Display quality declaration

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

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

Product data

Declaration of conformity

Hereby, BenQ Mobile, declares that this SL91 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The relevant declaration of conformity (DoC) has been signed. Please call the company hotline if you require a copy of the original or visit: www.BenQMobile.com/conformity

CE 0168

Technical data

3G class:	3 (0.25 watt)
Frequency range:	1,920 - 2,170 MHz (Band I)
GSM class:	4 (2 watt)
Frequency range:	880 - 930 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:	< 100 g (3.5 oz)
Size:	89 × 47 × 23 mm (78 ccm) (3.5 x 1.85 x 0.9 inch)
Li-Ion battery:	950 mAh
SIM card:	3.0 V/1.8 V

Phone ID

You will need the following details if you lose your phone or SIM card:

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

.....

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

.....

the customer service number of the service
provider:

.....

Lost phone

If you lose your phone or SIM card contact your service provider immediately to prevent misuse.

Operating time

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

The phone may heat up during data transfer or when using UMTS. This is normal and not dangerous.

Talk time

- 3G: up to 210 minutes
- GSM: up to 195 minutes

Standby time

- 3G: up to 250 hours
- GSM: up to 310 hours

Action taken	Time (min.)	Reduction of standby time by
Calling	1	30 - 90 minutes
Light *	1	50 minutes
Network search	1	15 minutes
* Key input, games, organiser etc.		

SAR

INFORMATION ON RF EXPOSURE /
SPECIFIC ABSORPTION RATE (SAR)

THIS MODEL MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES

Your cellular phone is a radio transmitter and receiver. It is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (FCC, USA) and by Health Canada. These requirements include safety margins designed to assure the protection of all persons, regardless of age and health. They use a unit of measurement known as the Specific Absorption Rate (SAR). The SAR limit is 1.6 W/kg averaged over one gram of tissue.

The highest SAR value for this device when tested at the ear was **0.14 W/kg**. In positions other than the head, such as on the body, a separation distance of **1.0 cm** is required. The highest SAR value in this case was **1.13 W/kg**.

Information about this device model can be found at <http://www.fcc.gov/oet/fccid> by searching the equipment authorization system using **FCC ID: PWX-SL91**.

As SAR is measured utilizing the device's highest transmitting power, the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

Additional Information can be found on the websites of the World Health Organization (<http://www.who.int/emf>), the Cellular Telecommunications Industry Association (CTIA) web-site at www.phonefacts.net, the Canadian Wireless Telecommunications Association (CWTA) website www.cwta.ca or BenQ Mobile (www.BenQMobile.com).



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 known – and what remains unknown – about whether these products can pose a hazard to health, and what can be done to minimize any potential risk. This information may be used to respond to questions.

Why the concern?

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

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

What kinds of phones are in question?

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

How much evidence is there that 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, neuroepitheliomatous tumors. It is possible with multiple comparisons of the same sample that this association occurred by chance. Moreover, the risk did not increase with how often the mobile phone was used, or the length of the calls. In fact, the risk actually decreased with cumulative hours of mobile phone use. Most cancer causing agents increase risk with increased exposure. An ongoing study of brain cancers by the National Cancer Institute

is expected to bear on the accuracy and repeatability of these results.¹

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

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

funded research based on such recommendations.

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

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

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

undertaken to provide the necessary answers to the outstanding questions about the safety of mobile phones.

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

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

by industry, will begin to generate this type of information.

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

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

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

- Support needed research into possible biological effects of RF of the type emitted by mobile phones;
- Design mobile phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing mobile phone users with the best possible information on what is known about possible effects of mobile phone use on human health.

- At the same time, FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of mobile phone safety to ensure a coordinated effort at the federal level. These agencies are:
- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Health and Safety Administration
- National Telecommunications and Information Administration

The National Institutes of Health also participates in this group.

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

If there is a risk from these products – and at this point we do not know that there is – it is probably very small. But if people are concerned about avoiding even potential risks, there are simple steps they can take to do so. For example, time is a key factor in how much exposure a person receives. Those persons who spend long periods of time on their hand-held mobile phones could consider holding lengthy conversations on conventional phones and reserving the hand-held models for shorter

conversations or for situations when other types of phones are not available.

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

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

Where can I find additional information?

For additional information, see the following websites:

- Federal Communications Commission (FCC) RF Safety Program (select “Information on Human Exposure to RF Fields from Cellular and PCS Radio Transmitters”):
www.fcc.gov/oet/rfsafety
- World Health Organization (WHO) International Commission on Non-Ionizing Radiation Protection (select Qs & As):
www.who.int/emf
- United Kingdom, National Radiological Protection Board:
www.nrpb.org.uk
- Cellular Telecommunications Industry Association (CTIA):
www.wow-com.com
- U.S. Food and Drug Administration (FDA) Center for devices and Radiological Health:
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 Valey, 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.

Statement required by 15.19 and RSS210

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and that positions the handset a minimum of **1.0 cm** from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of **1.0 cm** from your body when the phone is switched on.

Intellectual property

Intellectual Property Restrictions

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Ten Driving Safety Tips

Your BenQ 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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- (iii) digital images, stock photographs, clip art or other artistic works ("Stock Files");
- (iv) related explanatory written materials ("Documentation");
- (v) fonts;
- (vi) upgrades, modified versions, updates, additions and copies of the Software, if any, licensed to You by Licensor (collectively "Updates") and
- (vii) any other possible documentation related thereto.

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7. Except as expressly provided

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Office

Data Cable USB DCA-140

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

Multitainment

Music cable IHM-100

Cable to connect the mobile phone to the hi-fi system.

Car Solutions

Mobile Holder HMM-100

Universal cradle without antenna port. Ideal for use with Headset or Car Kit Portable.

Car Kit Portable HKP-100

The portable handsfree car kit can easily be moved from one car to another. Simply plug into the cigarette lighter socket, connect and talk.

Car Kit Bluetooth® Easy HKW-100

Bluetooth high-tech handsfree kit without cable connection to the mobile phone. Plugs into cigarette lighter socket - no installation effort required.

Car Kit Bluetooth® Portable HKW-700

Bluetooth high-tech handsfree kit with integrated display and without cable connection to the mobile phone. Plugs into cigarette lighter socket - no installation effort required.

Car Kit Bluetooth® Voice Classic HKW-110

Innovative Bluetooth® handsfree kit with an external key unit and voice recognition for making in-car calls safely and conveniently.

Car Kit Bluetooth® Voice HKW-120

Innovative Bluetooth® handsfree kit with an external display and voice recognition for making in-car calls safely and conveniently.

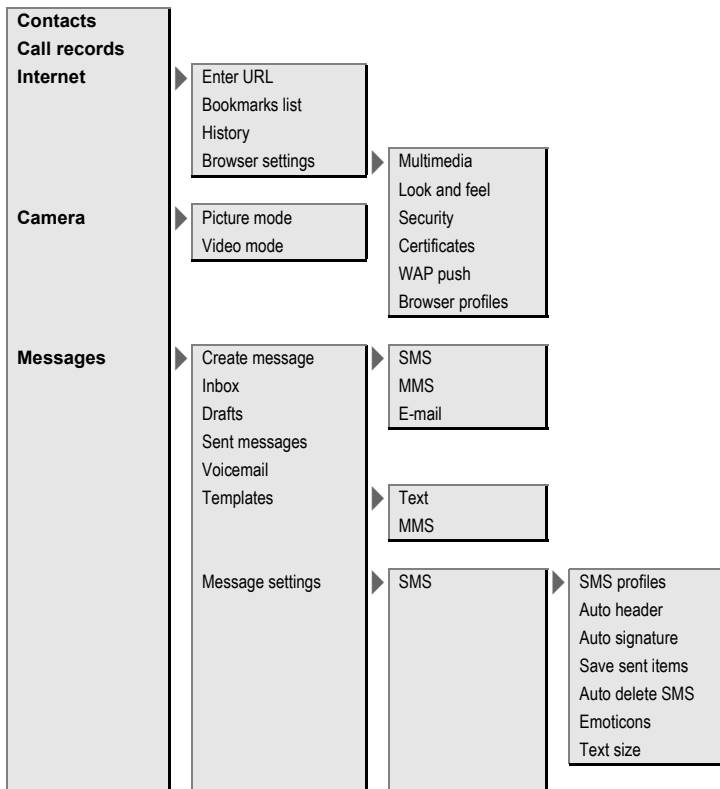
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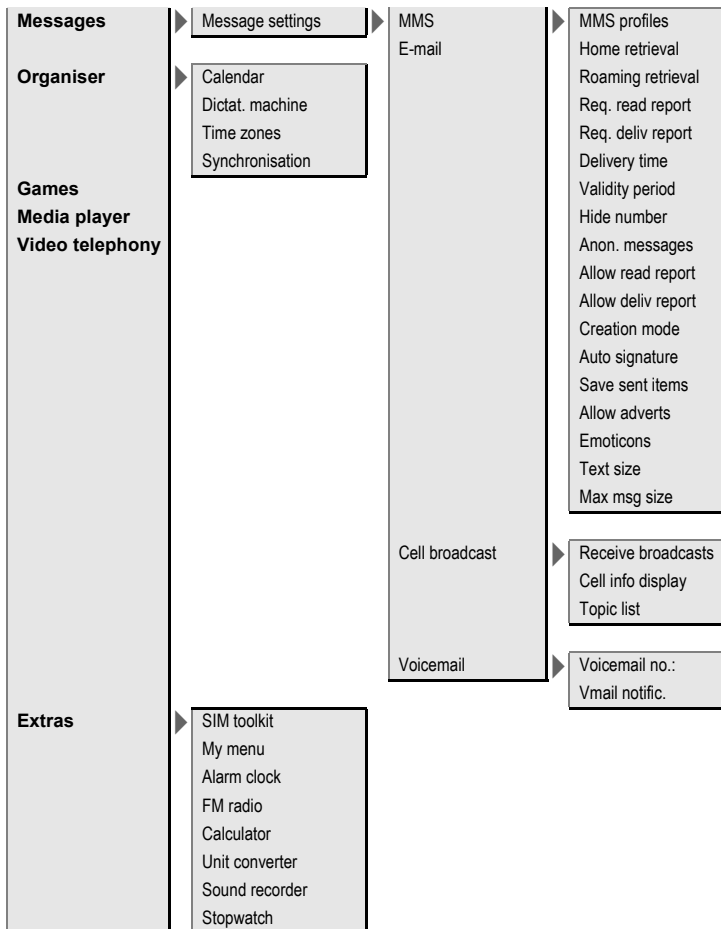


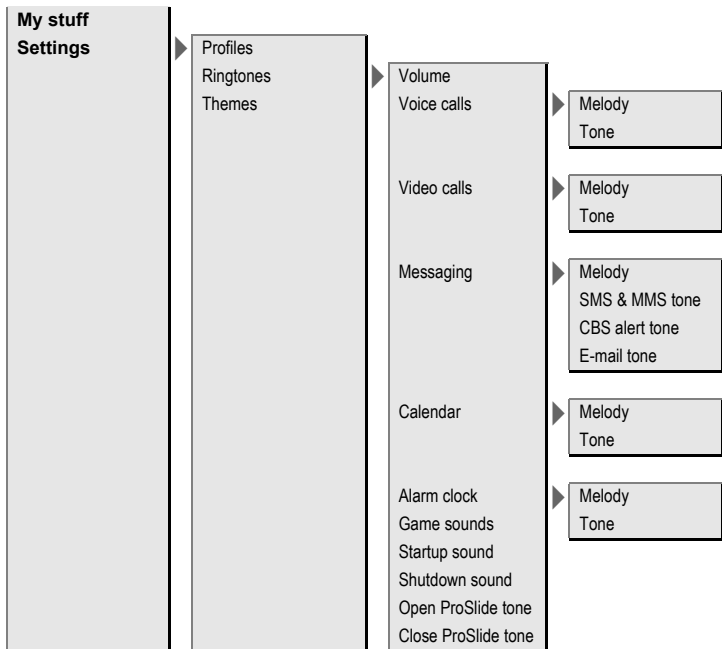
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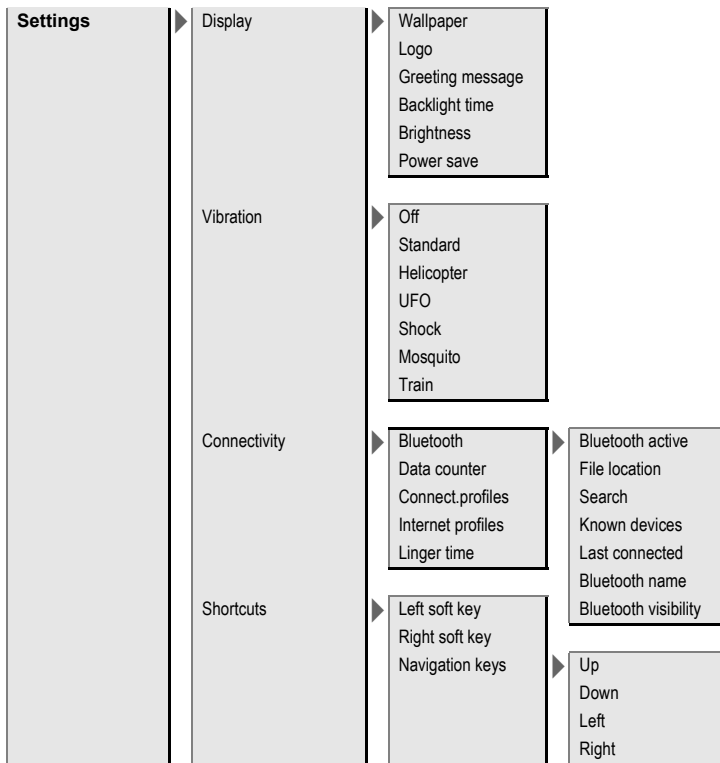
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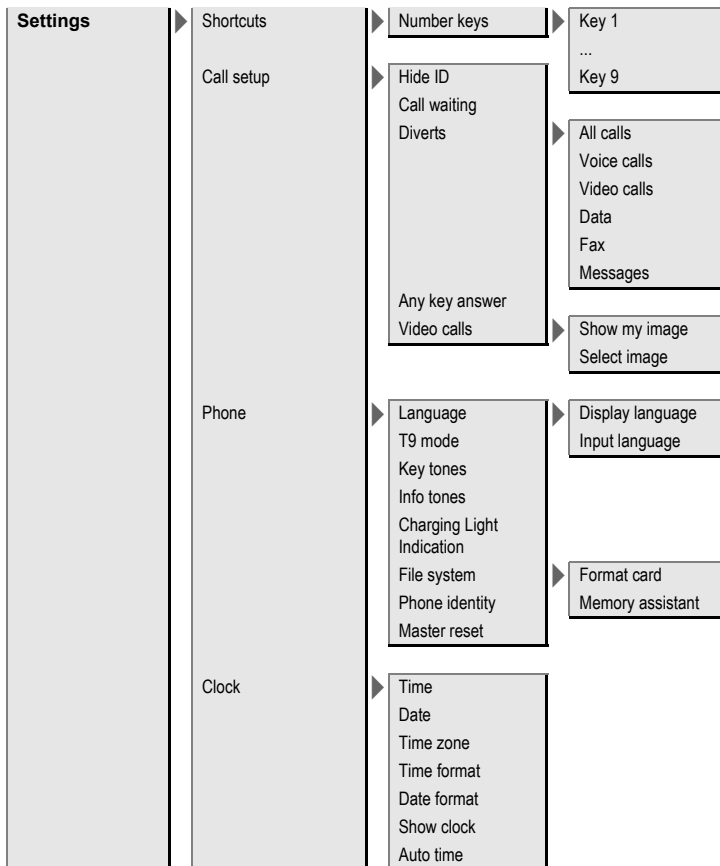
Menu tree

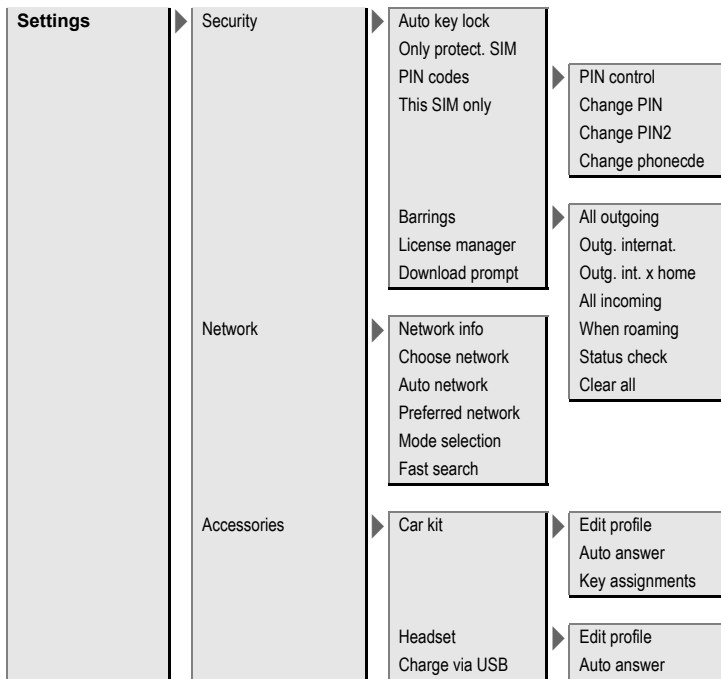












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