See also Index at the end of this User Guide

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 C81 phone. Siemens reserves the right to make changes and improvements to the products and any of the features of the products described in this document without prior notice. The contents of the user guide are provided "AS IS". Except as required by applicable law, no warranties of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, are made in relation to the accuracy, reliability or contents of this document. Siemens reserves the right to revise the user guide or withdraw it at any time without prior notice. Under no circumstances shall Siemens be responsible for any loss of data or income or any special, incidental, consequential or indirect damages howsoever caused.

Export Information

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

Network Services

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

Standby and Talk Time Information

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

Memory

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

Warning!

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

Safety precautions

Information for parents

Please read the operating instructions and safety precautions carefully before use.

Explain the content and the hazards associated with using the phone to your children.

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

Mobile phones can interfere with the functioning of medical devices such as hearing aids or pacemakers. Keep a distance of at least 9 inches (20cm) between the phone and pacemaker. Whilst using the mobile phone, hold it to the ear furthest away from the pacemaker. For more information consult your doctor.

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

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.

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

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.

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) and SIM Card. You must not open the battery under any circumstances. All other changes to this device are strictly prohibited and will invalidate the guarantee.

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

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

Use only 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 Mobile 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 **2.0 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 once 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 **Visib.to others** from **Always visible** to **Not visible** (page 76).

- The name of your phone is transmitted in a Bluetooth connection. The factory default is the "Bluetooth ID". The first time Bluetooth is activated, or later in the Bluetooth menu, you can change this name (**My BT name**, page 76).

- 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.

The Bluetooth® word mark and logos are owned by Bluetooth SIG, Inc. and any use of such marks by BenQ Corp. is under licence. Other trademarks and trade names are those of their respective owners.
Bluetooth QDID (Qualified Design ID): B02422

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

① **Softkeys**

The current functions of these keys are shown as text / symbols (e.g. ≡▷).

② ⊟ **Call key (green)**

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

③ ⊟ **On/Off/End key (red)**

- Switched off: press to switch on.
- During a conversation or in an application: press **briefly** to end.
- In menus: return to standby mode.
- In standby mode:
  Press and **hold** to switch off the phone;
  press **briefly**: switch-off menu.

④ **Media player key**

Direct key for media player.

⑤ **Internet key**

Key for Internet access unless otherwise preconfigured.

⑥ **Centre key**

▦ Press the centre key to open the main menu and to start an application or function (page 23).

⑦ **Navigation keys**

In standby mode:

   ⌷ Open user profiles.

   ⌷ Open contacts.

   ⌷ Open inbox.

   ⌷ Start the camera.

In lists, messages and menus:

   ⌷ Scroll upwards/downwards.

During a conversation:

   ⌷ Open contacts.

① **Integrated antenna**

② **Loudspeaker**

③ ⊕/⊖ **Volume control**

④ **Display**

⑤ ✱ **Ringtone**
   - Press and **hold** in standby mode: switch all acoustic signals on/off (except alarm clock).
   - Press and **hold** during incoming call: switch off ringtone for this call only.

⑥ # **Key lock**

   Press and **hold** in standby mode: activate/deactivate key lock.

⑦ **Plug socket**

⑧ **Slot for RS MultiMediaCard**

① **Car Kit holder**

② **Camera lens**
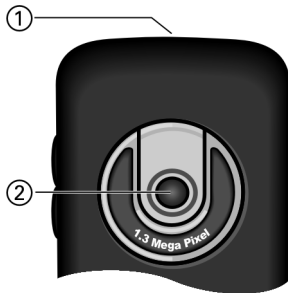
Display symbols

Display symbols (selection)	
▶▶▶▶▶	Signal strength
⊖▪	Charging
▭▪	Battery charge level, e.g. 50%
🗀	Contacts
⁜📱	Call records
🌏	Internet/Service provider portal
🎲	Games
1️⃣	Organizer
✉	Messages
📷	Camera
⭐📦	Extras
▶	Media player
🗁	My stuff
🕐	Alarm clock
✍	Settings
↵📱	All calls are diverted
🔕	Ringer (beep) off

🕐	Alarm set
🔑	Keypad locked
T9Abc	Text input with T9
GP RS	Activated and available
¦GP¦ ¦RS¦	Registered
GP RS	Temporarily interrupted
🌐	Browser offline
🌐↷	Browser is being connected
🌐GPRS	Browser online via GPRS
⊘	No network (Internet)
?⇅*	Bluetooth: Device not visible
⇉*	Bluetooth: Device visible
*📞	Call accepted on Bluetooth device

Events (selection)

▣!	SMS memory full
▷!	MMS memory full
☐!	Phone memory full
✕	No network access
◰	Inbox
▦	Memory assistant

Message symbols (selection)

✉	Unread
◁	Read
▤	Draft
⇥	Sent
◌	MMS not sent
◻	MMS notification received
▩	MMS with DRM contents (page 21)
◌	E-mail with attachment
⊙	Voice mail received

Camera symbols

⌕	Zoom factor
☼	White balance

Getting started

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

In rare cases static discharge can cause temporary discolouration in the display. However, this will disappear within approx. 10 minutes.

Inserting SIM card/battery

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

• Place the SIM card in front of the slot with the contacts facing downwards. Then push the SIM card fully into the holder using gentle pressure ①. Ensure that the cut-off corner is in the correct position.
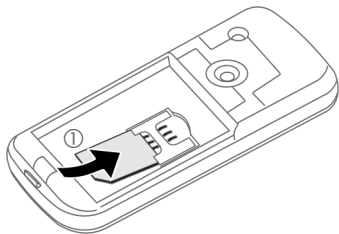
• Insert the battery sideways into the phone ②, then press it downwards ③ until it engages.
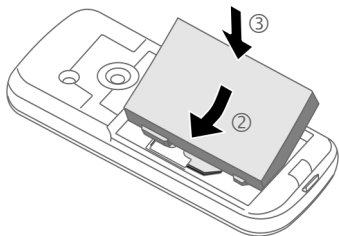
• To remove, press the retaining tab on the side of the battery, then lift the battery out.

• Place the battery cover on the phone slightly off centre ④ and then slide it until it clicks into place.
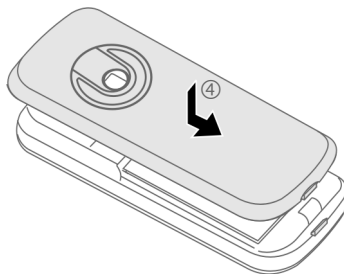
• To remove, press the battery cover ⑤, and slide it off the phone ⑥.
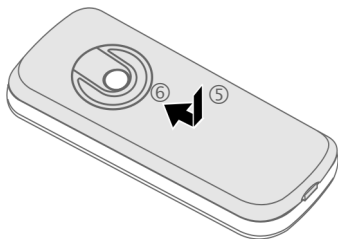
Additional information

Please switch off your phone before removing the battery!

1.8 and 3 volt SIM cards are supported. Please contact your service provider if you have a different card.

RS MultiMediaCard™

• To insert, place the card in the card holder ①, ensuring the cut off corner is in the correct position. Push the card holder with the card into the phone until it clicks into place ②.
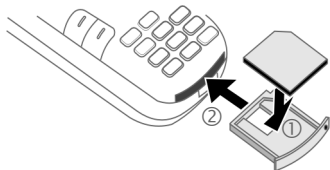
• Press the small button to remove ③ (e.g. with a pin). The card holder will pop out a little and you can remove it.
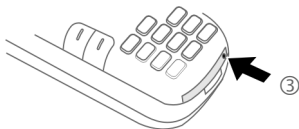
• Before removing the RS Multi-MediaCard, call up the **Eject card** function in the options menu for **My stuff**. This saves data you have not yet saved and avoids losing data.

Charging the battery

Charging

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** (for charging via USB, see page 88). Do not interrupt the charging procedure prematurely.
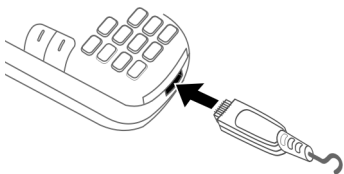
⊂▬▮ Display when charging is in progress.

Charging time

An empty battery is fully charged after about 2 hours. Charging is only possible within a temperature range of +5 °C to +40 °C (+41°F to +104°F). If the temperature rises/falls 5°C above/below this, i.e drops to 32°F or rises to 113°F, the charge symbol flashes a warning. The mains voltage specified on the power supply unit must not be exceeded.

Operating time

The operating time depends upon the respective network conditions

and conditions of use. Extreme temperatures considerably reduce the phone's standby time. You should therefore avoid the leaving the phone in the sun or on a radiator.

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

Charge icon not visible

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

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

Display during operation

Charge level display during operation (empty – full):

▭ ◁▬▮ ◁▬

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

Additional information

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

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

Switching on/off, PIN entry

Switching on/off

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

Entering the PIN

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

📱 Enter the PIN using the number keys. The characters ******** appear in the display to ensure nobody can read your PIN. Correct with ⟨C .

OK Press the left softkey to confirm. Logging on to the network will take a few seconds.

Additional information

Emergency number (SOS)

Only to be used in real emergencies!

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

Switching your phone on for the first time

Time/date

Set the clock correctly once when getting started.

☑ Confirm.

🔄 Start entry.

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

☑ Confirm. The time and date are updated.

Time zones

⬦ Select the city in the desired time zone.

☑ Confirm.

General instructions

Standby mode

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

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

Receiving signal

▶▶▶▶▶ Strong receiving signal.

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

Digital Rights Mgmt. (DRM)

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

User guide

Symbols

The following symbols are used to explain operation:

🖐 Enter numbers or letters.

⌐ On/Off/End key (red)

⌐ Call key (green)

⌐⌐ Softkeys

Menu Displays a soft-key function.

▦ Press the centre key, for example, to call up the menu.

🔄 Press the navigation key on the side marked with a triangle.

✇! Function dependent on service provider. May require special registration.

Main menu

The applications are shown with symbols in the main menu:

▦	Call up from standby mode using the centre key.
⬒/⬓	Select application with the navigation key.
✓	Start application.

Main menu options

Options	Open menu.

Search	List output of the menu. Entering letters will access a function directly.
Large font	Select one of two font sizes.
Lighting	Set display light brighter/darker.
Eject card	Starts data backup before the RS MultiMediaCard is removed.
Help	Display a help text.

Tabs

The handy tabs offer you fast access to information and functions.
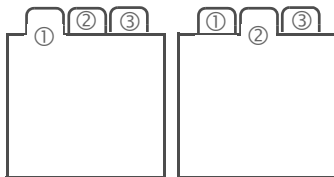
Navigation

⬒	Switch between the individual tabs.

If an input field is activated on a tab, it is only possible to navigate within the field using the navigation key.

⬓	To switch to the next tab, quit the input fields by scrolling up or down.

Menu controls

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

⊞	→ ⬚ → **Missed calls**

This comprises the following steps:

⊞	Pressing the centre key opens the main menu in standby mode.
⬡	Select the record application ⬚.
☑	Confirm with the centre key.
⬡	Select the **Missed calls** function.
☑	Confirm with the centre key.

Centre key

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

⊞	Main menu
☑	OK, confirm
⟳	Change
↰	Call
✎	Edit
⊞	Insert
☰	Options
◎	Camera
✉	Send
⊙	View
⊞	Save
▶	Play
●	Record
�II	Pause
■	Stop
⊕	Zoom

Standard functions

Option menus

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

Options Open menu.

Edit	Open the entry to edit.
View	Display entry.
Delete	Delete entry.
New entry	Create new entry.
Send…	Select transmission service and medium for sending.
Print…	Printout on a suitable terminal via, Bluetooth or USB.
Reply/ Reply to all	The sender becomes the recipient, "**Re:**" is placed before the subject, and the received text is transferred into the new message.
Save	Store entry.
Save to 🗂	Save recipient in Contacts.
Sort	Set sort criteria (alphabetical, type, time).
Rename	Rename selected entry.
Capacity	Display memory capacity.
Import	Device ready to receive data (vcard, vcal, vnotes) via Bluetooth.
Attributes	Display properties of the highlighted object.
Help	Display help text.

Printing via USB

This Mobile Printing Ready product is designed to provide easy printing from mobile phones by connecting the mobile phone to the printer with a USB data cable (first select **Print…**, then **Via USB** and then connect the USB cable).

This product follows the Guidelines Version 1.0 for PictBridge from Mobile Imaging and Printing Consortium (MIPC).

Mark mode

For some applications (e.g. deleting several SMS messages) you can highlight several entries on the tab in order to perform multiple functions at once.

Options Open menu.

Mark text Activate mark mode.

☐ Select entry/entries.

🔄 Mark or unmark.

Additional highlighting functions:

Options Open menu.

Mark all	Mark all entries.
Deselect all	Unmark all marked entries.
Delete marked	All marked entries are deleted.

Security

The phone and SIM card are protect-
ed against misuse by several security
codes.

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

PIN code

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

🔲 → ◌ → **Security** → **PIN code**
→ Select function.

PIN control

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

⟳	Edit.
⌨	Enter PIN.
✓	Confirm entry.

Change PIN

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

⟳	Edit.
⌨	Enter **current** PIN.
✓	Confirm.
⌨, ✓	Enter **new** PIN.
⌨, ✓	Repeat **new** PIN.

[≡≡≡] → ✂ → **Security** → **PIN code**
→ Select function.

Change PIN2

Proceed as for **Change PIN**.

Chg.phonecode

(Change phone code)

You define the phone code
(4 to 8-digit number) the first time
you call up a phone-code protected
function (e.g. **Direct call**, page 84).
It is then valid for all phone-code
protected functions.
If the phone code is entered incor-
rectly three times, access to the
phone code and the functions that
use it is denied. If this happens
please contact the Service Centre
(page 119).

Clearing SIM card barrings

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

Preventing accidental activation

Even if PIN use is deactivated
(page 20) confirmation is required
to switch on the phone.

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

| ─ | Press and **hold**. |

| OK | Press. The phone
switches on. |

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

Connection with PCs

You can connect your phone to a PC
using Bluetooth or a data cable (ac-
cessory). The PC program MPM (Mo-
bile Phone Manager) enables you to
store data on your PC and, for exam-
ple, synchronise the contacts with
Outlook®, Lotus Notes™ and other
BenQ-Siemens phones. You will find
the Mobile Phone Manager on the
CD-ROM supplied or you can down-
load it from the Internet at:
www.BenQ-Siemens.com/c81

Text input

Text input without T9

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

2 ABC	Press once **briefly** to write the letter **a**, twice to write **b**, etc.
	Press and **hold** to write the number.
Ä, ä, 1–9	Umlauts and numbers are displayed after the relevant letters.
◀C	Press **briefly** to delete the letter before the cursor, press and **hold** to erase the whole word.
⬡	Move the cursor (forward/back).
# ⇌	Press **briefly**: swap between **abc**, **Abc**, **T9abc**, **T9Abc**, **123**. Status shown in top line of the display.
	Press and **hold**: all input variants are displayed.

* △	Press **briefly**: special characters are displayed.
0 +	Press **once/repeatedly**:
	. , ? ! ' " 0 + - ( ) @ / : _
	Press and **hold**: write **0**.
1 ⌣	Inserts a space. Press twice: line break.

Special characters

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

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

1) Line break

⬡/⬡	Scroll to a character.
✓	Confirm.

Text input with T9

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

Writing with T9

The display changes as you proceed.

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

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

(# -o)   Press **briefly** for ^{T9}**Abc**, then

(4 GHI) (6 MNO) (8 TUV) (3 DEF) (5 JKL)

(1 -oo)   A blank ends a word.

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

T9 word suggestions

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

The word must be highlighted. Then press

🔟🔟🔟   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:

Learn   Select.

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

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 the cursor **and** displays a new possible word!

Additional information

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

(0 +)   Set a full stop. The word is concluded if it is followed by a space. Within a word, a full stop represents an apostrophe or hyphen:

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

◯▷   Moving the cursor to the right ends the word.

(# ⇆)   Press **briefly**: swap between: **abc**, **Abc**, **T9abc**, **T9Abc**, **123**. Status shown in top line of the display.

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

(✳ △)   Press **briefly**: select special characters (page 27).

Text templates

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

| | ➔ ⊠ ➔ **Templates** ➔ **Text templates**

New   Select.

☑   The input field is opened.

🖐   Write text, select with **Options** or, if applicable, select input language, and copy or insert texts.

🖫   Save text module.

Using text templates

From text modules:

| | ➔ ⊠ ➔ **Templates** ➔ **Text templates**

(◌̇)   Select text template from the list.

Options   Select **Create message**.

(◌̇)   Select the type of message in which the text module is to be used.

☑   Confirm. The text module is added.

🖐   Complete the message and send.

From an application (SMS, MMS, e-mail)

🖐   Write the text for the message in the application.

Options   Open the text menu.

Insert text… Select, then **Template**.

(◌̇)   Select text module from the list.

☑   Confirm. The text module is added.

Calling

Dialling with number keys

The phone must be switched on (standby mode).

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

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

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

International dialling codes

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

Options Open call menu.

Country Press and select country.

Phone number memo

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

Ending a call

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

Setting the volume

⊕ / ⊖ Adjust the volume with the plus/minus sidekeys (only possible during a call).

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

Redialling

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

☎   Press the green Call key **twice**.

To redial other phone numbers that were dialled previously:

☎   Press the green Call key **once**.

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

☎   ... to dial.

If the number is busy

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

Either

Auto last number redial

Options   Open call menu.

Auto dial   The phone number is automatically dialled ten times at increasing time intervals.

☑   Confirm. End with:
         ⌐ End key.

Or

Call back   ⌐8!

Options   Open call menu.

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

☑   Confirm.

Reminder

Options   Open call menu.

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

Accepting a call

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

⌐   Press the green Call key.

Or

↖   Press the centre key.

A phone number transmitted by the network plus the corresponding name are displayed if they are stored in Contacts (page 39).

Rejecting a call

Reject   Press.

Or

⌐   Press the red End key **briefly**.

Warning!

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

Handsfree

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

Options Open call menu.

Handsfr. Activate/deactivate handsfree talking.

☑ Confirm.

Warning!

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

Swapping between 2 calls ☜!

Establishing a second connection

You can call another number during a call.

Options Open call menu.

Hold The current call is put on hold.

☑ Confirm.

🔢 Enter new phone number
or

📱 call up Contacts

or

🔲 open call records and select a phone number.

When the new connection is established:

Options Open call menu.

Toggle Swap between calls.

☑ Confirm.

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 may be advised that there is another call waiting. You will hear a special tone during the call (page 79). You have the following options:

• **Accept the waiting call in addition to the first**

Toggle Accept the waiting call and place the current call on hold.

Always proceed as above to swap between the two calls.

• **Reject the waiting call**

Reject Press.

Or

Forward The waiting call is diverted, for example, to mailbox.

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

🔲 End the current call (red key).

📞 Accept the new call.

Ending calls

⌐   Press the red End key **briefly**.

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

Yes   You accept the call on hold.

No   You end the second call too.

Conference   ⊲ß!

You can call up to 5 conference participants one after the other and then link them together in a conference call. Some of the functions described may not be supported by your service provider or may have to be enabled specially.

A connection has already been established:

Options   Open menu and select **Hold**. The current connection is maintained.

▢/⊞   Select phone number from Contacts or enter it manually.

     When the new connection is established ...

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

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

Ending

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

Call options

The following functions are only available during a call:

Options Open menu.

Hold	Hold current call.
Microphone on	If switched off, the person on the other end of the line cannot hear you (muting). Also: press ✳ and **hold**.
Handsfree	Playback through the loudspeaker.
Conference	(p. 34)
Time/charges	Display talktime that has elapsed so far and (if set) cost incurred during the call.
Send DTMF	Enter tone sequences (numbers) for remote inquiries to an answering machine.
Main menu	Access to main menu.
Call transfer ⌥!	Connect the original call to a second call. For you, both calls are now ended.
Call status	List all held and active calls (e.g. participants in a conference).

Direct call

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

Switching on

▦ → ⌥ → **Security** → **Direct call**

☑ Confirm selection.

🔢 Enter phone code.

When first prompted you define and enter the phone code (4–8 digits). **Please do not forget this code (page 26)!**

☑ Confirm selection.

▽/🔢 Select phone number from Contacts or enter it manually.

☑ Confirm.

Applying

Carol To dial the phone number (e.g. "Carol") press and **hold** the right softkey.

Switching off

Press and **hold**.

🔢 Enter phone code.

☑ Confirm entry.

Tone sequences (DTMF)

You can, for example, enter tone sequences (digits) for remote access to an answering machine **during** an existing connection. These entries are transmitted directly as DTMF codes (tone sequences).

Options   Open menu.

Send DTMF

     Select.

⌨   Enter phone number.

✓   Confirm.

Using Contacts

Store phone numbers **and** tone sequences (DTMF tones) in **Contacts** in the same way as a normal entry.

⌨   Enter phone number.

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

⌨   Enter DTMF tones (digits).

(0 +)   If necessary, wait again for three seconds at a time for the receiver to process the entries correctly.

⌨   Enter a name.

Save   Save entry.

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

Contacts

⚙ →🗐

You can store up to 2500 entries in this phone directory, with several phone and fax numbers plus additional address details.

For fast access, the contacts and functions are sorted and offered on five tabs:

All contacts, **Groups**, **Online status**, **SIM**, **Filter**

🗐   Open Contacts (fast access in standby mode).

🔄   Switch between the individual tabs.

Communication

🔼   Select contact.

☐   Call selected contact.

Or

Options Open menu, then **Create message** to start an message dialogue.

All contacts

Display all entries stored in the phone or on the SIM card in alphabetical order.

New entry

☑   Confirm **New entry**. The tabs for creating the entry are displayed.

🔄   Switch between the individual tabs.

The following tabs are offered:

General sett.	First name, surname and important phone numbers. A ringtone, a picture, or video with sound can be assigned to each contact.
Private	General address information and additional communication numbers such as fax and e-mail.
Business	Company information, address, communication numbers.
Person	Personal details such as date of birth, group membership and other notes.
Online status	Contact information for Instant Messaging (page 59).

In the respective tabs:

📱   Select required input fields.

⌨️   Fill in input fields. The maximum number of characters available is shown at the top of the display.

At least one name or one company must be entered. Always enter phone number with dialling code.

📋   Open options menu and select **Save**.

Viewing/editing entries

📱   Select required entry.

🔄   Switch between the individual tabs.

✏️   Open current tab to edit.

📋   Open options menu.

Synchronisation

The MPM (Mobile Phone Manager, page 112) allows you to manage contacts using PCs.

Groups

You are offered 10 different groups to enable you to arrange your contacts clearly. You can edit the names of groups as you wish.

Editing group attributes

📱   Select group.

Options   Open menu and select **Attributes**. You can make the following changes:

Name:, **Ringtone:**, **Picture:**

Adding a contact

Contacts may be added to a group via **All contacts**.

📱   Select contact, open **Options** and select **Add to group**.

A contact can only belong to one group.

Online status

Display all contacts for whom a Instant Messaging address (WV address) is entered.

SIM

Display all contacts stored on the SIM card.

New entry

☑ Confirm **New entry**, enter name and phone number, and select the storage location (SIM/protected SIM).

Viewing/editing entries

☐ Select required entry.

✎ Edit entry.

Editing menu

Options Open menu.

Add more fields	Move SIM card entry to the phone memory. Now all tabs are offered for further entries.
from contacts	Copy entry/entries from the phone memory to the SIM card (reduced information).

Change	**Location**: **SIM/ Protected SIM**.
	On special SIM cards, phone numbers can be stored in a protected location. PIN2 is required for editing.
	Record #:
	Select an unassigned number for the entry. It can be used to dial the phone number.

(For standard functions see page 24)

Filter

Those entries which match the selected filter criteria are displayed, e.g. those containing a picture.

Most used (default)

URL	**Birthday**
Pictures	**Ringtones**
E-mail	

General functions

Options Different functions are offered depending on the tab and the current situation.

Filter	Only those entries which match the filter criteria are displayed.
Create message	Create a message for a selected contact (SMS, MMS, e-mail, Instant Message).
Search ID	Search for assigned Instant Message ID.
Internet	The URL assigned to the contact is visited via the WAP browser.
Open	Display phone numbers for information.
Add to group	Add entry to a group.
Take a photo, Record video, Record sounds, etc.	Create picture, video and sound information for a contact from scratch or add from **My stuff**.
More	See below.

(For standard functions see page 24)

More

Location

Switch the storage location of entries between the phone memory and the SIM card.

Synchronizatn.

You can synchronise your mobile with an organiser stored on the Internet (**Remote sync.**, page 95).

Capacity

Display memory capacity.

Settings

Sort by…	First name or surname
Spec. numbers	Display special phone numbers, yes/no
Default remind. time:	Period of time you want to be reminded ahead of a birthday entry.
Display name	First name or surname is displayed.
Field setup	Setup for fields on a tab.
Entry Tab:	Tab that is to be shown first.

As business c.

Define a selected contact as a business card.

Business card

Establish a contact as your own business card to send to a different GSM-phone.

Import

Set up readiness to receive via Bluetooth.

Add more fields

Move SIM card entry to the phone memory. Now all tabs are offered for further entries.

Conference

⌷   Start a conference with up to five particpants highlighted in advance. The contacts are dialled one after another.

Call records

A caller's phone number is displayed if

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

Alternatively, a caller's name is displayed if it is stored in Contacts.

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

▦ → ✸▯	
◌̂	Select record.
▦	Open record.
◌̂	Select phone number.
⊟	Dial phone number.

Or

⊙ Display information on the phone number.

Up to 500 entries are stored in the records:

Missed calls ⊗8!

The phone numbers of calls made to your phone but not answered are stored for call back purposes.

⌐┴ Symbol for missed call (in standby mode).

Press the softkey beneath the symbol to bring up the inbox.

Calls received

Accepted calls are listed.

Calls dialed

Access to the last numbers you have dialled.

⊟ Fast access in standby mode.

Delete records

The records are deleted.

Time/charges

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

▦ → ▓ → **Time/charges**

 Last call

 All outg. calls

 All incom. calls

 Remain. units

◘ Select display.

▦ Open area.

Time/charges options

▤ Open menu.

Reset	Reset the currently selected setting.
Reset values	Reset all settings.
Charge settings	Call up the menu (see below).

Charge settings

Currency

Enter desired currency.

Charge/Unit

(PIN2 prompt)

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

Account limit

(PIN2 prompt)

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

↻ Press.

▦ Enter PIN2.

Account limit

 Activate.

▦ Enter number of units.

Options Open menu, then select **Save**.

Auto display

Call duration and charges are displayed during and after a call if a personal rate is set.

Camera

A camera is integrated in the phone. Take photos / record videos and

- use photos as wallpaper, a logo, screensaver or startup and shutdown animation
- assign a photo/video to a contact
- send photos/videos via MMS or e-mail

Save photos and videos in **My stuff** (page 109) or on the **RS MultiMedia-Card** (page 111).

Switching on

$\boxed{\text{⊞}}$ → $\boxed{\text{☜}}$

$\boxed{\text{⟳}}$　　Switch between the **Take a photo** and **Record video** tabs.

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

$\mathbb{Q}$　　Zoom factor.

$\mathbb{C}_{+}$　　Night mode.

$\maltese$　　White balance.

The number of photos that can still be taken in the selected resolution is displayed in the preview image. This number varies considerably depending on the subject matter and how much storage space is required. You will also see an indication of the selected resolution or, if video mode

has been selected, there is an indication as to how much recording time has already been used and the maximum time still available.

Take a photo

$\boxed{\text{◎}}$　　Take a photo. A beep is heard as the photo is taken (this cannot be deactivated).

$\boxed{\hat{\text{⟳}}}$ If necessary, set the zoom factor first.

The photo is saved with a name, the date and the time in the **Pictures** (page 111) folder in **My stuff**. To rename, see the camera options.

Image resolution

It is possible to set the quality of the image regardless of the preview image resolution. The best possible resolution is 1280 × 960 pixels.

To take individual wallpaper images you need to set **Background** as the image resolution in the options.

The resolution may decrease depending on the selected digital zoom.

Record video

The video mode resolution is the same as the preview image resolution.

| ● | Start video recording. |

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

| ■ | End video recording. |

The video is saved with a name, the date and the time in the **Videos** folder (page 111) in **My stuff**.

Video resolution

It is possible to set the quality of the image for a video regardless of the preview image resolution.
The best possible resolution is 176 × 144 pixels.

Camera options

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

Options Open menu.

Memory assis.	If there is insufficient memory available the memory assistant is started.
Pictures	Display list of photos.
Other videos	Display list of videos.

Microphone on	Switch microphone on or off.
Settings	• Name for recordings • Video resolution • Image resolution • Brightness • Colour mode • Night mode for poor lighting conditions • ISO sensitivity • Autotimer delay in seconds • Location: **My stuff** (page 109) or **RS MultiMediaCard** (page 111).
Frame	Selection of various decorative frames.
Auto-timer	Set camera to take photo after a defined period of time.
White balance	Choose between: **Automatic**, **Indoor**, **Outdoor**

(For standard functions see page 24)

SMS/MMS

You can use your phone to send and receive text messages and MMS (**M**ultimedia **M**essaging **S**ervice) messages.

Information about SMS

You can use your phone to transmit and receive very long messages (up to 760 characters). They are automatically composed of several "normal" SMS messages (note higher charges). Using special letters in some languages reduces the maximum possible length of an SMS. If you do not wish to use these letters, please change the input language in the options menu.

Information about MMS

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

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

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

Writing an SMS

⊞ → ⊠ → **Create new** → **SMS**

🎜 Enter text.

You will find information on writing texts with and without T9 in the chapter "Text input", (page 27).

─ Enter phone number or ≣ open menu, then select **Add from** 🕮, select recipient from Contacts. You can add more than one.

─ Start sending process.

Additional information

The following is displayed in the uppermost line: text input status, number of SMS messages required, number of characters still available for the current SMS.

If the length of the text exceeds 760 characters, the message is converted into an MMS.

SMS options

Different functions are offered for editing an SMS depending on the selected part of the message.

Options Open menu.

Add addressee	Add recipient.
Add from 🗀	Add a recipient from Contacts.
Remove recip.	Remove recipient.
Save as draft	Store the SMS as a draft.
Text Edit menu	**Input language**, **Mark text**, **Copy**, **Insert**
Send options…	See page 51.
Insert text…	**Template** (page 30) **Signature Open. sentence Contact details Bookmark**

Emoticons	Insert small symbols (smileys), page 53
Add item…	When melodies, pictures, videos or animations are added the SMS is converted into an MMS (page 47). Remember that these may be protected (DRM, page 21).
Create item…	**Take a photo**/ **Record video** Start camera (page 44). **Record sounds** Start sound recorder (page 100). SMS will be converted to MMS.

(For standard functions see page 24)

Writing an MMS

⊞ → ⊠ → **Create new** → **MMS**

Layout

An MMS may comprise a series of pages. Each page may contain a text, a picture/video and a sound. Remember that pictures and sounds may be protected (DRM, page 21).

For functions related to this see **MMS options**, page 48.

Contents

✍ Enter text.

▤ Open menu, then select **Add item/Create item**.

Text

You will find information on writing texts with and without T9 in the chapter "Text input" (page 27).

Pictures/Videos

Add pictures and videos from **My stuff** or take new ones with the camera.

Audio

Add melodies from **My stuff** or record new ones with the sound recorder.

Contacts

Add address data from Contacts.

Attachment

Add any files from **My stuff**.

Sending

⌐ Enter phone number or ▤ open menu, then select **Add from** 🖽 , select recipient from Contacts. You can add more than one.

If you want to insert a subject:

Open menu, then select **Add Subject:** and enter a brief description of the MMS.

⌐ Start sending process.

MMS options

Different functions are offered for editing an MMS depending on the selected part of the message.

Options Open menu.

Save as templ.	Save MMS as a template.
Add addressee	Add recipient.
Add from 🖽	Add a recipient from Contacts.
Remove recip.	Delete recipient.
Add Subject:	Add subject field.
Add item…	Add contents.
Create item…	**Take a photo/ Record video** Start camera (page 44). **Record sounds** Start sound recorder (page 100).
Preview MMS	Play entire MMS in the display.
Save as draft	Store the MMS as a draft.
Text Edit menu	**Input language Mark text Copy Insert**
Send options…	See page 52.

Insert text...	**Template** (page 30) **Signature** **Open. sentence** **Contact details** **Bookmark**
Emoticons	Insert small symbols (smileys), page 53.
Page duration:	Adjust the time the page will be displayed.
Delete Page	Delete currently edited page.
View pictures/ Play sound	Play back animations and melodies with the media player.
Open attach.	Play back attachment with the media player.

(For standard functions see page 24)

Receiving/reading

A new incoming message is displayed (⊠) in standby mode.

⌐┴ Use the softkey underneath to open the **Inbox**.

Or

⊞ → ⊠ → **Inbox**

◉ Select the required message.

◉ Read the message or the notification about an MMS.

To receive a complete MMS later on:

Options Then select **Retrieve MMS**.

Inbox options

Different functions are offered depending on the situation.

Options Open menu.

View	Read the SMS/MMS or the notification about an MMS.
Reply/ Reply to all	• With new SMS. • With new MMS. • Quoted original: new SMS with the sender as recipient and the first 50 characters of the received message.
Forward	Forward message to another recipient. If wished, additional contents can be added to an MMS.

(For standard functions see page 24)

Additional information	
Plus/minus keys	Adjust volume.
(∗△)	Activate/deactivate sound.
For MMS only:	
⌀	Scroll up/down within a page.
⌀	Jump to next page and return at end to first page.
⌀	Jump to the start of a page or to the previous page.

Read options

Different functions are offered depending on the situation.

📋	Open menu.

Save picture/ Save sound	Allows you to save selected pictures, videos or sounds on the phone.
Play	Play back MMS.
Pause	Pause playback of an MMS.
Select	Opens submenu for **Call**, **Save to contact**, **Open link**, etc. depending on the text selection.
Open link	Starts the WAP browser (page 67).
Open item	The contents of the MMS are listed for playback with the media player or for saving.
Save item	The contents of the MMS are listed for saving in the relevant folder.
Open attach.	Open an attachment.
Save attach.	Opens the relevant folder in My Stuff for saving.
Move to archiv.	Moves the selected message to the archive.

(For standard functions see page 24)

Draft

📱 → ✉ → Draft → SMS/MMS

The list of drafts is displayed. Messages you have not yet finished can be saved as drafts.

Outbox

📱 → ✉ → Outbox → SMS/MMS

The list of messages not sent is displayed. Failure may be caused by loss of network connection.

Sent

📱 → ✉ → Sent → SMS/MMS

The list of messages sent is displayed.

Msg. archive

📱 → ✉ → Msg. archive → SMS/MMS

Messages are saved in the archive. Select the list and read required message(s).

You can move important messages to the archive with **Options**, **Move to archiv.**.

Templates

▦ → ✉ → **Templates**
  → **MMS templates/Text templates**

MMS templates

MMS templates are messages saved without an address. They can be sent as a whole or as part of a new MMS.

| ⟨ ⟩ | Select MMS template. |
| ✉ | Prepare message and send. |

Text templates

See page 30.

SMS settings

▦ → ✉ → **Settings** → **SMS**
  → Select function.

Send options

| Message center | Enter the phone numbers for the service centre as provided by the service provider. |
| Default recipi. | Enter recipient's name as the default for all SMS messages. |

Transm. rpt.	Request delivery confirmation.
Validity period	Period in which the service centre is to to try to deliver the message.
SMS via GPRS	SMS messages are sent via GPRS.
Direct reply ⊗!	If activated, the reply to your SMS message is handled via your service centre (for information, please contact your service provider).

Creation

Add signature	A "signature" is attached to each SMS. Choose between: **Never**, **Always**, **New messages**
Signature	Create signature.
Add open. sent.	An introductory sentence or salutation is placed at the beginning of each SMS. Choose between: **Never**, **Always**, **New messages**
Open. sentence	Create introductory sentence.
Message type	May be set by the service provider. Default: **Standard text**: Normal SMS message.

MMS settings

$\boxed{\coprod}$ → $\boxtimes$ → **Settings** → **MMS**
→ Select function.

Send options

Transm. rpt.	Request delivery confirmation.
Read report	Request confirmation that the message has been read.
Validity period	Period in which the service centre is to try to deliver the message:
Delivery time	Set the time for delivery.
Hide number	Hide sender's phone number.

Creation

Create mode	**Free**, **Limited**, **Warning**
Max. msg. size	**Unlimited**, **95 kB**, **295 kB**
Page duration	Default lifespan of a page in seconds.

Add signature	A "signature" is attached to each MMS. Choose between: **Never**, **Always**, **New messages**
Signature	Create signature.
Add open. sent.	An introductory sentence or salutation is placed at the beginning of each MMS. Choose between: **Never**, **Always**, **New messages**
Open. sentence	Create introductory sentence.

Retrieval

Retrieval	**Automatic**: the whole MMS is saved. **Limited**: only the notification is saved.
Retriev.(roam.)	Receive when outside your home network.
Reject anonym.	Reject anonymous messages.
Allow deliv. rep.	Permit delivery report.
Allow read rep.	Permit confirmation that the message has been read.
Allow advertise.	Permit receipt of advertising material.

Connectiv. set.

Select the required MMS profile in which the connection attributes are specified (page 76). You can obtain the data you need for this from the service provider or at:
www.BenQ-Siemens.com/mobilesettings

Zoom in

You can select one of three specified text sizes for presenting a message.

Emoticons

Emoticons are small symbols (smileys) with which you can show your feelings in pictorial form.

You can set whether the emoticons are to be displayed as graphics or made up of special text characters.

Insert Emoticons into message with
Options, Emoticons.

🖮/🕀   Select symbol.

☑   Insert at the cursor position.

You can set whether the emoticons are to be displayed as graphics or made up of special text characters ;-).

Save aft. send

Configure whether messages are saved in the **Sent** list after sending.

E-mail

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

Writing/sending

⊞ → ☒ → **Create new** → **E-mail**

📟 Enter text.

You will find information on writing texts with and without T9 in the chapter "Text input", (page 27).

☐ Enter e-mail address or
≣ open menu, then select **Add from** 🗂, select recipient from Contacts. You can add more than one.

Add Subject

Options Open menu, then select **Add Subject:** and enter a brief description of the e-mail.

Add additional address fields

Options Open menu, then select **Add Cc:** or **Add Bcc:** and add additional recipients (see above).

Add attachments

Options Open menu, then select **Attach item**. Select any file from your phone to add as an attachment.

☐ Send e-mail.

Write/send options

Different functions are offered depending on the situation.

≣ Open menu.

Text Edit menu	**Input language** **Mark text** **Copy** **Insert**
Add addressee	Add a recipient.
Add from 🗂	Add a recipient from Contacts.
Attach item…	• **My stuff**: Open to make a selection. Remember that pictures and sounds may be protected (DRM, page 21). • **Take a photo**/ **Record video**: Start camera. • **Record sounds** Start sound recorder. • **Contacts**: Open to make a selection.

Add Subject:	Add subject line (max. 255 characters).
Add Cc:	Add address(es) of copy recipient(s).
Add Bcc:	Add address(es) of copy recipient(s) who are not visible to the other recipients.
Remove attach.	Remove attachment from e-mail.
Open attach.	Open selected attachment.
Insert text…	**Template** (page 30) **Signature Open. sentence Contact details Bookmark**
Save as draft	Store the e-mail as a draft.
Emoticons	Insert small symbols (smileys), page 53.
Send options…	• **Transm. rpt.** Request delivery confirmation. • **Read report**: Request confirmation that the message has been read. • **Priority: Medium, High, Low**

(For standard functions see page 24)

Receiving/reading

▦ → ✉ → **Inbox**

Select the **E-mail** tab.

Before an e-mail can be read, it must be retrieved from the server.

▤	Open menu, then select **Retrieve e-mail** or **Ret. content**.
◌	Select the required message.
◉	Read message.

Options

▤	Open menu.

Reply/ Reply to all/ Forward	Send reply or forward e-mail.
Ret. content	Retrieve the contents of downloaded e-mail headers.
Save attach.	Store e-mail attachments in **My stuff** (page 109).
Select	Open submenu **Call, Save to contact, Open link,** etc. depending on the text selection.
Save to ▯	Store sender in Contacts.
Move to archiv.	Move e-mail to archive.

(For standard functions see page 24)

Draft

⊞ → ✉ → **Draft** → **E-mail**

The list of drafts is displayed.

Sent

⊞ → ✉ → **Sent** → **E-mail**

The list of messages sent is displayed.

Outbox

⊞ → ✉ → **Outbox** → **E-mail**

The list of messages not sent is displayed. Failure may be caused by loss of network connection.

Msg. archive

⊞ → ✉ → **Msg. archive** → **E-mail**

Messages are saved in the archive. Select tab and read required message(s).

You can move important messages to the archive with **Options**, **Move to archiv.**.

Setting

⊞ → ✉ → **Settings** → **E-mail** → Select function.

General sett.

General settings for receiving and sending.

Download option	Download either complete e-mails or only the header to save download costs.
Size limit	Limit size for receiving an e-mail in KB.
Copy on server	Leave copy of e-mail on the server.
Delete option	Delete e-mail on phone only or also at the server.
Add signature	A "signature" is attached to each e-mail. Choose between: **Never, Always, New messages**
Signature	Create signature.

Connectiv. set.

You can obtain the necessary data to set the server access and your e-mail parameters from your service provider or at:
www.BenQ-Siemens.com/mobilesettings

Change active profile

🔄	Press.
🔘	Select the new profile.
✅	Activate.

Change profile settings

🔘	Select the fields to edit.

Connect. list	List of preferred accesses.
User name:	Your name.
E-mail address:	Your e-mail address, e.g.: name@domain.abc
Reply address:	E-mail address where replies to your mails will be sent.
User ID:	User ID for your e-mail account.
Password:	Password for your e-mail account.
POP3 server:	Enter Internet address if the server type is POP3 and SMTP.
POP3 port:	(Default: 110)
SMTP server:	Enter Internet address.

SMTP port:	(Default: 25)
SMTP authentic.:	Set if separate authentication for SMTP server is required.
SMTP User ID:	Separate User ID for SMTP authentication. Only if SMTP authentication is set.
SMTP password:	A user password will be required if "Authentication" is set to **Yes**.

Options   Open, then select **Save**.

WAP push

WAP push messages are transmitted from special service centres. If, for example, you have requested configuration data from your service provider this will be transmitted via WAP push.

A new incoming message is displayed ($\boxtimes$) in standby mode.

⌐┴ Use the softkey underneath to open the **Inbox**.

Or

▦ → $\boxtimes$ → **WAP push**

◌ Select the required message.

◉ Read the message or information about the transmitted data/programs and, if applicable, start a download.

Inbox options

Different functions are offered depending on the situation.

Options Open menu.

Execute	Execute program.
Install	Start installation.
Accept/ Reject	Accept/reject message.
Settings	Call up settings.

Settings

▦ → $\boxtimes$ → **Settings** → **WAP push**

Options Open menu, then select **Settings**.

Allow push	Settings to receive WAP push messages: **Allow specific**, **Allow none**, **Allow all** If **Allow specific** has been set, the following lists may be edited.
Accept list	All messages from senders included in this list are accepted (max. 20 entries possible).
Reject list	All messages from senders included in this list are automatically deleted (max. 20 entries possible).
Unk. address	Handling of messages from senders are neither in the Accept list nor the Reject list: **Reject**, **Delete**

Chat room   ⊗!

You can chat on your phone or PC with dialogue partners who are also registered for this service. Your partners are entered in contact lists for this and selected from them for a private or group dialogue. Similarly, you can be invited to a dialogue by other subscribers.
(IMSG = Instant Messaging)

GPRS must be switched on.

Start menu (offline)

If **Autom. login** is activated the main overview is displayed immediately.

⊞ → ⊠ → **Chat room**

Login   Start to make a connection.

Account   The access settings are normally preconfigured. If necessary, enter **User ID:** and **Password:** to activate access.

Please contact your service provider if you do not have access data.

Online status

Call up the Presence Manager to set your personal attributes (page 99).

Saved convers.

Access to permanently saved dialogues.

Conversa. hist.

Read all dialogues from the last session offline (deleted next time you log in).

Settings   Settings for applications and servers.

Automatic login:
Select your preferred log-in procedure: e.g. manual or when the phone is switched on.

Timeout:
Set the timeout in minutes after which **Chat room** is put in the background if no action is taken. The session continues and can be called up again via the menu.

Pop-up info:
Activate/deactivate pop-ups for new messages or change the online status, for **Chat room** only, if the application is visible.

Main overview (online)

After you have logged in successfully, depending on your service provider you will see up to 5 tabs as described below:

> **Conversations**
>
> **IM contacts**
>
> **IM groups**
>
> **Info messages**
>
> **Saved convers.**

(IMSG = Instant Messaging)

Conversations

The following are shown in the list:

- Online contacts in ongoing conversation.
- Offline contacts with unread messages.
- Joined groups.

Starting a dialogue

🔘	Select an entry (individual contact or group) for a dialogue.
✅	Start dialogue.

Dialogues that have taken place previously are displayed.

Navigation:

🔘	Scroll in the dialogue.
🔘	Switch between different dialogues.

Dialogue:

✎/📱	Write text.
✉	Send text.

Of course you can also receive messages from contacts you do not know. This will be pointed out to you in the display, and you can either switch to the dialogue or block the contact.

Options

Options   Open menu.

Different functions are offered depending on the selection and situation:

Contact details	Additional information about the contact.
Group details	Additional information about the group.
Online status	Set your personal attributes (page 99).
Add member	Add a new member.
Find member	Look for member.

Invite	Invitation to the contacts in your own group to join the dialogue.
Delete member	Delete contact from the list of members.
IM contact	Save contact in the current contact list on the server.
Settings	Settings for auto login.
Block contact	No more messages are received from the contact and the contact receives no status information from you.
Message to ID	Enter ID manually.
Logout	The session is ended and the start menu displayed. Only the display is ended with **Exit** or the ⌷ end key. The session continues in the background. New messages are stored in the **Inbox**. To continue the dialogue, open the application again via the main menu.

(For standard functions see page 24)

IM contacts

Display the contact list last used and, if applicable, entries from **Contacts** with Instant Message ID.

⌷   Select an entry in a contact list for a dialogue.

✓   Start dialogue.

At the end the offline contacts are displayed, visually separated and in alphabetical order.

IM contacts options

Options Open menu.

Different functions are offered depending on the selection and situation:

Add contact	**User ID:** Enter a unique user (login) name. **Display name:** Enter your own nickname for the contact.
Find contact	Look for the contact in the contact lists.
Block contact	No more messages are received from the contact and the contact receives no status information from you.
Delete contact	Delete contact from the list.

Contact lists	Display your personal contact lists.
	Create new contact list:select **New entry** and assign an ID and a name.
Block list	Display the list of rejected contacts.

For further functions see page 60.

IM groups

Display all groups created by you or in which you are yourself a member.

Hold dialogue as for IM contacts.

IM groups options

Options Open menu.

Different functions are offered depending on the selection and situation:

Invite	Invite the contacts in your own group for Inst. Message.
Add member	Add new group member.
Find member	Search for group member.
Delete member	Delete contact from the group member list.

Add group	Add new group.
Find group	Search for group on the server (also groups no longer managed in the list).
Create group	**Group ID:** Enter an unique group name.
	Name: Name of group.
	Topic: Topic of group.
	Searchable: Other people can look for the group.
	Welcome message: Enter own greeting.
	Type: Restricted or open.
Create group	Delete group.
Screen name	My name for group dialogue.

For further functions see page 60.

Info messages

Display messages such as invitations to a group, server messages or other system messages.

⊚   Display selected message.

Or

⊚   Reply to invitation/requests.

To reject, open **Options** menu and select **Deny**.

Saved convers.

Display permanently saved dialogues.

⊚   Display selected dialogue.

Saved dialogues can be renamed or deleted via the **Options** menu.

Voice mailbox/Mailbox

⊞ → ◻️ → **Voice mailbox**

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

- if your phone is switched off or
  not ready to receive,
- if you do not want to answer,
- if you are making a phone call
  (and if **Call waiting**, page 79 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 it manually. The
following sequence may vary from
service provider to service provider.

Settings ⚹!

The service provider supplies you
with two phone numbers:

Save mailbox number

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

⊞ → ◻️ → **Voice mailbox**

📱/🔢   Select phone number
from Contacts or enter/
change it manually.

OK   Confirm.

Save call divert number

Calls are diverted to this phone num-
ber.

⊞ → ⚙️ → **Call settings** → **Forward**

🎛️   Select condition,
e.g. **Unanswered**.

🔄   Confirm change, then se-
lect **Set**.

🔢   Enter phone number.

Options   Open, then select **Save**.

Listen ⚹!

One of the following symbols will ap-
pear when you receive a new voice
message:

📼   Symbol plus beep.
    Or

✉️   Notification via SMS.
    Or

You receive a call with an automatic
announcement.

Call your mailbox and play the mes-
sage(s) back.

☎   Press and **hold** (if neces-
sary enter mailbox num-
ber once only). Confirm
with OK and Mailbox de-
pending on your service
provider.

CB services

$\boxed{\vdots\vdots\vdots}$ → $\boxtimes$ → **CB services**

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

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

Receive CB

$\boxed{\smallfrown}$	Activate/deactivate CBservice. If the CB service is activated, standby time for the phone will be reduced.

Read new CB

$\boxed{\checkmark}$	All new messages are displayed in chronological order.

Topic list

Add up to 10 topics to your personal list from the topics index.

Requirements: **Use Topic index** is activated and the service provider supports the function.

$\boxed{\smallfrown}$	Activate/deactivate topic.
$\boxed{\bullet}$	Display message on current topic if any received.

Displays	
$\boxed{\checkmark}$, $\boxed{}$	Topic activated/deactivated.
$\boxtimes$	New messages received on the topic.
$\diagdown\!\!\!\diagup$	Messages already read.

New topic Add to topic list.

- If the topic index is available, select a topic from it and confirm.
- Create a new topic. Enter topic name and channel number. Open **Options** menu and select **Save**.

Auto display

$\boxed{\smallfrown}$	Choose to display: no messages, all messages, or only all new messages.

Use Topic index

$\boxed{\smallfrown}$	Activate/deactivate use of the topic index.

CB languages

Receive Cell Broadcast messages in just one language, in several, or in all languages.

Internet

▦ → 🌍 → **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 visit **wap.BenQ-Siemens.com** ("Downloads") where you can download or update games, applications, sounds, graphics and more for your phone. Internet access may require registration with the service provider.

Access to the service provider

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

Download wiz.

Offers you support when downloading.

Enter URL

On inputting a URL the browser is started and the entered page displayed.

Bookmarks

Display URL/call up page

List bookmarks

Display list of bookmarks stored in the phone.

(🗘)   Select bookmark.

☑   Call up URL.

Saving

Bookmark site

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

Bookmark options

Options   Open menu.

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

Internet

Calling the function opens the browser with the preset option.

Browser menu

Options Open menu.

Homepage	Call up the preset homepage of the current profile.
Bookmarks	• **List bookmarks** Display list of bookmarks stored in the phone. • **Bookmark site** The current page is saved as a bookmark.
Go to…	Enter URL to dial an Internet address directly, e.g. **wap.BenQ-Siemens.com**
Reload	Reload current page.
Show URL	Display the URL of the page currently loaded for sending via SMS/MMS/e-mail.
History	Display most recently visited Internet sites.
Disconnect	Disconnect the Internet.
File	Save the object on the current page or the complete page; display saved pages.
Settings	Set or reset browser.
Exit browser	Close the browser (page 68).

End connection

⌐	Press to end the connection and close the browser.

Navigation in the browser

☑	• Select a link. • Settings, status on/off.
Back	• Go back a level.
🔲	• One input field/link forward/back. • Scroll one line.

Display symbols in the browser (selection)

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

Enter special characters

⟨＊⟩, ⟨０＋⟩ Select important special characters.

Browser settings

⊞ → 🕐 → **Internet**

Options Open menu.

Settings Select.

Browser	Set start option as well as handling of pictures and sounds plus send options.
Protocol parameters	Set protocol parameters, push messages and abort time as well as handling of cookies.
Security	Set encryption.
Context	Reset session; delete cache, history and cookies.

Connection settings

Handling depends on the service provider (see page 76).

Your Internet browser is licensed by:

OPENWAVE™ **RSA SECURE**

History

Display most recently visited Internet sites.

Saved websites

Display list of pages stored in the phone.

Settings

Profiles

$\boxed{::::}$ → ⚙ → **Profiles**

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

- Six profiles are provided with default settings. These can be changed, however:

   General

   Silent alert

   Meeting

   Outdoor

   Car Kit

   Headset

- You can name two personal profiles (**<Name>**).

Switching on

(↕)   Select default profile or personal profile.

☑   Activate the profile.

Changing profile settings

Edit a default profile or create a new personal profile:

(↕)   Select profile.

Options   Open menu.

Change sett.

     Select.

The list of available functions is displayed.

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

Additional information
• To call up the list in standby mode: ⬆ profile list is displayed.
• The active profile is identified with ◉.

Profile options

Options   Open menu.

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

Car Kit

If an original car kit is used, the profile is switched on automatically when the phone is connected to the Car Kit (see Accessories, page 139).

Headset

The profile is only switched on automatically if an original headset is used (also see Accessories, page 139).

Ringtones

▦ → ⚒ → **Ringtones**
→ Select function.

Volume

Set the volume for all tones.

(◯)   Set the volume.

☑   Confirm setting.

You can also make individual settings for the following functions:

• **Calls**
• **Messages**
• **Organizer**
• **Alarm clock**
• **Chat room**
• **Games**
• **Shutdown tune**
• **Startup tune**
• **Sound recorder** (record your own ringtones (page 100).

Different options are available depending on the function:

Tunes

(◯)   Select a ringtone from
        My stuff.

Ringer setting

Ring	Play back the ringtone or melody at the set volume.
Ascend	Set ringtone to a rising volume.
Beep	Reduce ringtone to a short beep.
Off	Deactivate all tones for the function concerned.

Topics

▦ → ⬎ → **Topics**

Load a completely new visual presentation onto your phone. Various media settings are reorganised on a theme basis at the press of a key, e.g.

• **Animations**

• **Sounds**

• **Color skins**

• **Background**

Theme files are compressed to save memory space. On activation, Theme packages are extracted and registered automatically. Animations, Sounds and Pictures are placed in **My stuff** in their corresponding folders.

Additional information

Existing display and ringtone settings could be overwritten.

Activating a new theme

⬚ Select theme.

✓ Activate; if required, view **Preview**.

Display

▦ → ⬎ → **Display**
→ Select function.

Background

Set wallpaper graphic for the display.

Logo

Choose picture to be displayed instead of the provider logo.

Screensaver

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

Preview

Display the screensaver.

Style:

Choose between: **Standard**, **Digital clock**, **Analog clock**, **Picture**, **Energy saving**, **Off**.

Picture:

Select image in **My stuff**.

Timeout:

Set period after which the screensaver starts.

Code protection:

The phone code is requested to close the screensaver.

Note

The **Digital clock**/**Animation** screen-savers reduce your phone's standby time.

Start up anim.

Select animation to be shown when the phone is switched on.

Shutdn anim.

Select animation to be shown when phone is switched off.

Welcome text

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

Large font

You can choose between two font sizes for the display.

Lighting

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

Press the navigation key repeatedly at the top/bottom to adjust up or down.

Silent alert

→ → **Silent alert**

To avoid the disturbance caused by a ringtone, you can activate vibration as an alternative. The vibration can be switched on in addition to the ringtone (in a noisy environment, for example). This function is deactivated when the battery is being charged and accessories are connected (except the headset).

Silent alert

Activate/deactivate vibration.

Play demo

The types of vibration offered are demonstrated.

Assigning types of vibration

Each of the following applications can be assigned their own type of vibration:

Calls, **Messages**, **Alarm**, **Chat room**

Connectivity

⊞ → ⤵ → **Connectivity**
→ Select function.

EGPRS

🔄   Activate/deactivate
       EGPRS.

EGPRS is a method for transmitting
data in the mobile network faster
than with GPRS. Use EGPRS and if the
network has sufficient capacity, you
can be connected to the Internet
permanently. Only the actual trans-
mission time is charged by the net-
work operator. Some service provid-
ers do not yet support this service.

Shown in the display:

GP
RS   Activated and available.

¦GP¦
¦RS¦   Registered.

GP
RS   Temporarily interrupted.

EGPRS info

Display information on connection
status.

Bluetooth® (BT)

Bluetooth is a short-range radio con-
nection by means of which a headset
or car kit, for example, can be con-
nected without the need for wires.
Using the **Send…** function in the op-
tions menu for the application con-
cerned you can also use this route to
send data.

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

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

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

🔄   Activate/deactivate
       Bluetooth.

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

Shown in the display in standby mode	
?⋰≹	Device not visible.
⇉≹	Device visible to others.
≹🆔	Call accepted on Bluetooth device.

Bluetooth sett.

☑ Bluetooth activation.

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

Search

The search can be global or just for certain BT devices specified in the options menu.

☑ Open selection.

Specify which BT devices are to be searched for:

All All BT devices.

Audio E.g. headset, Car Kit.

Phone Other BT phones.

PC Personal computer with BT connection.

☑ Start search.

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

☑ The search is ended and the first 10 devices found are shown in a list.

Repeat Start new search.

⇕ Scroll to the required entry.

☑ Dial the device and start the procedure for acceptance as a "trusted" device in the list of known devices. To do this, enter the password for the other device. If the list is full it is not possible to add another device.

Device list

• **Known devices**

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

• **Last connected**

List of most recently and/or still connected devices.

• **Reject list**

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

• **Last srch result**

List of the last devices found.

List options

Different functions are offered depending on the list.

Options   Open menu.

Search/Retry	Search for BT devices or repeat search.
Use as audio	If not possible automatically, specify device as an "audio" device.
Higher priority	Move entry up the list so that, for example, a specific audio device is used first.
Lower priority	Move entry down the list.
to reject list	Move entry to the reject list.
to known list	Move entry to the list of known devices.

(For standard functions see page 24)

My BT Info

The phone is given a name (max. 20 characters) – this is the name the partner sees. If no name is given, the phone uses the non-changeable device address.

Information about the BT hardware cannot be modified.

• **Visib.to others**

Make settings to specify how your phone should "act" when in contact with other BT devices. This means that if "visible"is set, the device address or the BT name of your phone is shown to other BT devices if they request this in order to receive or send data.

• **Not visible**

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

• **Auto mode**

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

• **Always visible**

Your phone is always "visible" to other BT devices. These devices can create a connection to your phone and be added to the known device list if necessary.

BT aud. stream

When a Bluetooth headset is used, all audio signals are transmitted to this exclusively.

Online settings

Default setting and activation of the connection profiles for data transmission.

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

• The settings have already been implemented by the service provider. You can start immediately.

• Access profiles have already been created by your service provider. Then select profile and activate.

• The access profiles must be con-
figured manually. In this case, you
can obtain the necessary data
from the service provider or visit:
**www.BenQ-Siemens.com/
mobilesettings**

Selecting profile

⟨◯⟩   Select the profile.

✓   Confirm selection.

Fax/data

Send voice/fax   ⊲⦚!

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

Rcve fax/data   ⊲⦚!

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

The call is signalled by a special ring-
tone and the type of call (fax or data)
is displayed. Now start the communi-
cation program in your PC to re-
ceive the fax/data.

Shortcuts

▦ → ⊲⦚ → Shortcuts

Softkeys

You can assign one function to the
right softkey.

Editing

⟨◯⟩   Select key.

⟳   Call up the edit function.

⟨◯⟩   Scroll to new assignment
in the list.

✓   Confirm.

Additional information

The service provider may have already as-
signed functions to all the keys (e.g. access
to "SIM services" or direct call-up of the In-
ternet portal). It may not be possible to
modify this key assignment.

Apply

The "Internet" is just used as an ex-
ample here.

Internet   Press and **hold**; the appli-
cation is started.

Navigation keys

The navigation key can be assigned a function for three directions (only effective in standby mode). The downwards movement is assigned to opening contacts and cannot be modified.

⟳ Select the desired direction.

↻ Call up the edit function.

⟳ Choose application from the list.

✓ Confirm selection.

Number keys

Number keys 2 to 9 can be used as speed dialling numbers for fast access to functions.

Number key 1 is reserved for the mailbox phone number (page 64).

Show features

Show the functions set for the number keys.

Assigning numbers or functions

⟳ Select the key.

↻ Call up the edit function.

⟳ Choose application from the list.

✓ Confirm selection.

Apply

Start a stored application (e.g. **Internet**).

In standby mode:

3 DEF Press **briefly**.

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

Internet Press and **hold**.

Or simply

3 DEF Press and **hold**.

Call settings

▦ → ⌇ → **Call settings**
→ Select function.

Hide ID ⊲8!

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

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

Call waiting ⊲8!

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

Forward

Select the condition under which calls should be diverted to your mailbox or another phone number. To set diversion:

⌢ Select condition,
e.g. **Unanswered**.

⟳ Confirm change, then select **Set**.

⬚⬚ Enter phone number.

Options Open, then select **Save**.

All calls

All calls are diverted.

↵▯ Symbol in top line of display in standby mode.

Unanswered ⊲8!

Includes the conditions **Not reachable**, **No reply**, **Busy**, see below.

Not reachable

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

No reply

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

Busy

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

Receiving fax ⊲8!

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

Receiving data ⊲8!

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

Status check

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

Clear all   ⊲8!

All set diverts are cleared.

Additional information

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

Reactivating divert

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

Call screening   ⊲8!

Only calls from phone numbers that are in Contacts or on the SIM card or assigned to a group are signalled audibly. Other calls are only displayed.

Any key

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

Minute beep

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

Phone settings

▦ → ◱ → **Phone settings**
→ Select function.

Language

Set the language for the display text. When **Automatic** is set, the language of your service provider is used.

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

* # 0 0 0 0 # ⌐

Input language

Select the language for text input. Languages supported by T9 are marked with the **T9** symbol.

User dictionary

T9 import

Load database for T9 support for the current language.

T9 export

Save database for T9 support for the current language to **My stuff**.

Key tones

Set the type of acoustic key acknowledgement.

Tune, **Tone**, **Silent**

Info tones

Set service and alarm tones:

On/off   Activate/deactivate tones.

Extended   If switched on, a wider range of service tones is available, e.g.: end of menu, network connection interrupted.

Auto off

The phone switches off each day at the set time.

Activating

Set   Select.

🖳   Enter time.

Save   Save.

Switching off

Switch off Select.

✓   Confirm.

File system

Format

(Phone-code protected)

The phone memory is formatted and **all** saved data such as ringtones, pictures, games, etc. is deleted. Formatting may take longer than 1 minute.

Format card

Format the RS MultiMediaCard.

Eject card

Remove the RS MultiMediaCard without loss of data while the phone is switched on.

License mgr.

The licensed data or applications can be displayed and managed (see also DRM, page 21).

Phone identity

ID no.

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

About phone

Product name, production date, software version.

CC Monitor

The call centre monitor shows information for customer service purposes.

Device check

A self-test and individual tests are offered. If you select **Self test**, all individual tests are carried out.

Software version

Display the software version for your phone in standby mode:

Press **∗ # 0 6 #**, then press ▢.

Memory assis.

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

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

Device manag.

The device manager can be used, for example, to transfer configuration data from the service provider via WAP push (page 58).

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

- The settings have already been implemented by the service provider. You can start immediately.

- The access profiles must be configured manually. If necessary, contact your service provider. You will also find the current settings for the service provider on the Internet at
  www.BenQ-Siemens.com/ mobilesettings

Active account: Software

| Start | Establish a connection to the server. |

After the data has been transferred:

| OK | Confirm and switch off the phone. |

Switch on the phone then ...

| Yes | The software will be updated. This procedure can take up to 15 minutes. During this time all other applications on your phone will be locked. Emergency calls are also not possible. |

Afterwards your phone will restart automatically. Now call up the **Device manag.** again

| Start | A connection to the server will be established. |

Finally the successful update will be confirmed on the display.

Change profile

🔄	Show settings.
🔲	Select the profile **Software Update** with the navigation key.
🔲	Check the default settings and if necessary enter your service provider's access settings.
Options	Open the options menu.
Save	Save the profile.

Last connection

⦿	The data for the last connection is displayed.

Fact. settings

The phone is reset to the default values (factory setting). This does not affect SIM card and network settings or data saved during Instant Messaging.

Alternatively, in standby mode enter:

*#9999#⎯

Clock

▦ → 🔌 → **Clock**
→ Select function.

Time/date

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

🔄	Start editing.
🔲	First enter the date (day/month/year), then the time (hours/minutes/seconds).

Additional information

⊞	Display the calendar to select the date.

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

Time zones

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

World map

🔲	Select the desired time zone.

City list

🔲	Select a city in the selected time zone.

Or

Options	Open menu and select **Search city**.

Time format

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

Date format

Select the display format for the date.

Start of week

Select the weekday on which the monthly and weekly view on the left starts.

Buddhist date ⏣!

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

Show clock

Activate/deactivate time display in standby mode.

Auto time ⏣!

Time and time zone are set automatically. The time zone is detected automatically.

Security

⊞ → ⏣ → **Security**
→ Select function.

Auto key lock

The keypad is locked automatically if no key has been pressed for a specific (pre-determinable) time. This prevents the phone from being used accidentally. However, you can still be called and you can still make an emergency call.

⎙	Select **Set**.
🔢	Enter time in minutes and seconds after which the keypad lock is to be activated.

Additional information

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

In each case:

# ⤶	Press and **hold**.

Direct call

(Phone-code protected)

Only **one** phone number can be dialled (page 35).

Only ⌨ ⦿!

(PIN2 or phone-code protected)

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

If the SIM card does not support PIN2 input, all phone numbers on the SIM card can be protected with the phone code.

This SIM only ⦿!

(PIN2 or phone-code protected)

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

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

Certificates

Display certificates for secure data connections.

PIN code

For description, see page 25:

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

Call blocking ⦿!

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

All outgoing

All outgoing calls except emergency numbers are barred.

Outgoing intl.

(Outgoing international)

Only national calls can be made.

Out.int.x home

(International outgoing without home country)

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

All incom. calls

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

When roaming

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

Status check

Status check for network barrings.

Clear all

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

Network

| ▦ → ⌇ → **Network**
→ Select function.

Line   ⚛!

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

Select line

| ⟳ | Change the connection. |
| ⊖ | Display the current phone number. |

Protected

(Phone-code protected)

You may limit usage to one phone number.

Additional information

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

Network info

The list of GSM networks currently available is displayed.

| ⊘ | Indicates forbidden service providers (depending on SIM card). |

Choose netwrk

Network search takes place again if, for example, you **leave** your home network or want to register on a **different** network. The search can take place in **Manual** (see **Network info**) or **Automatic** mode (see also **Preferred net**).

Preferred net

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

The current service provider is displayed.

| ☑ | Show list of preferred networks. |

<Empty> Select.

| ⟳ | Confirm change, then select a new service provider from the list. |

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

Furth.network
Select, enter the provider data and save it.

Additional information

If you are outside your home network, your phone automatically dials another GSM network.

If the signal strength of the preferred network is inadequate when you switch on the phone, the phone may register in a different network. This can change when the telephone is next switched on or if another network is selected manually.

Band selection ⌀!

Select either GSM 900, GSM 1800, or GSM 1900. Make sure that your service provider also supports the selected band.

Fast search

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

User group ⌀!

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

Active

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

Select group

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

All outgoing

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

Pref. group

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

Accessories

⊞ → ⚙ → **Accessories**
→ Select function.

Car Kit

Only in combination with an original wired handsfree car kit (see Accessories). The car kit profile is activated automatically when the phone is connected to the Car Kit.

Edit profile

See page 70.

Auto answer

(Factory default: off)

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

Auto answer

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

Auto off

(Factory default: 2 hours)

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

Automatic settings

- Permanent illumination: activated.
- Auto key lock: deactivated.
- Charging the phone battery.
- Automatic activation of the Car Kit profile when the phone is connected to the car kit.

Headset

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

Edit profile

See page 70.

Auto answer

(Factory default: off)

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

Automatic setting

Accept call with Call key or Call acceptance key, even when the auto key lock is activated.

Upload via USB

If the phone is connected with the data cable to a PC, the battery can also be charged in this way (only with original accessories, page 139).

Organizer

Calendar
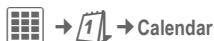
⊞ → *1* → **Calendar**

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

The calendar offers you three views:

Monthly view

Special appointments are highlighted in colour.

ⓒ	Press **briefly** to go forward/back a week.
	Press and **hold** to go forward/back a month.
ⓒ	Press **briefly** to go forward/back a day.
✓	Open daily view.

Weekly view

Appointments are shown as a colour bar on the vertical hour division. Conflicting appointments are highlighted in colour.

ⓒ	Press **briefly** to go forward/back a day.
	Press and **hold** to go forward/back a week.
ⓒ	Forward/backward by the hour through the day.
✓	Open daily view.

Daily view

Description of appointment.

ⓒ	One day forward/back.
ⓒ	Scroll by the hour or to next/last entry.
✓	Display current entry.

Settings

Options Open menu, then select **Settings**.

Start of day:

Time when the working day begins.

Start of week:

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

Weekend

Set the days for the weekend.

Show birthdays:

Yes/No.

Appointments

$\boxed{\text{⊞}}$ → $\boxed{1}$ → **Appointments**

Appointments are displayed in chronological order in a list.

Enter new appointment

<New entry>

Select.

Category:

$\boxed{\checkmark}$ **Memo**

Text input for description.

$\boxed{\text{≡}}$ **Voice memo**

Create a voice memo. Shown with alarm.

$\boxed{\text{▣!}}$ **Call**

Enter phone number to be displayed with the alarm.

♟♟ **Meeting**

Text input for description.

$\boxed{\text{⌒}}$ **Vacation**

Enter start and end date.

🎁 **Birthday**

Enter name and date.

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

Description:

Description of nature of appointment.

Phone number:

Enter a phone number or select one from Contacts.

Voice memo:

Enter a voice recording, see **Dictat.machine,** page 93.

Location:

Location of appointment.

Whole day:

Day-long appointment: yes/no.

Start date:

Date when appointment begins.

Start time:

Time when appointment starts.

End date:

Date when appointment ends.

End time:

Time when appointment ends.

Additional information	
$\boxed{\text{�→ }}$	Insert date from calendar.

Alarm:

On/off or **Silent alert**.

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

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

Recurrence:

Select a timeframe for repeating the appointment:

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

Enter a parameter for repeating:

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

If **Weekly** is selected, certain week-days can be highlighted.

All fields/Fewer fields

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

Options Open menu.

Save Save appointment.

Information on the alarm

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

Alarm type **Birthday**:

You can send special birthday greetings by SMS, MMS, e-mail or a call via **Options**. The alarm sounds one day before the birthday.

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

Additional information
Display above set alarms:
⏰ Alarm clock
⚲ Appointment
An alarm sounds even when the phone is switched off. The phone does not go to standby mode. To deactivate it press any key.

Tasks

⊞ → $\boxed{1}$ → **Tasks**

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

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

Status:

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

Priority:

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

Date used:

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

Date due:/Due time:

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

Alarm:

As for **Appointments**.

Save   Save task.

Notes

⊞ → $\boxed{1}$ → **Notes**

Write and manage brief text notes. Protect confidential information with the phone code (do not save any important data or the PIN for credit cards etc. here).

Entering a new note

<New entry>

Write a normal note.

<Confidential>

Write a protected note (phone code).

🖑   Enter text. The first line is displayed later as a "title" in the notes list.

💾   Save.

Organiser options

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

Options Open menu.

Delete by	Delete all entries prior to a certain date.
Delete done	Delete all completed tasks.
Activate/ Deactivate	Switch alarm on/off.
Done	Set task to completed/in progress.

(For standard functions see page 24)

Dictat.machine

⊞ → *1* → **Dictat.machine**

Use the dictating machine to record short voice memos.

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

Warning!

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

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

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

New recording

Record new

> Select. The remaining time available, as well as the recording time, are shown in the display.

⏺   A brief beep sounds when the recording starts. Now dictate the text.

⏸/⏺   Switch between pause/record.

Stop   End recording.

> Recording is saved with a time stamp. **Rename** with **Options**.

Playback (via Media player)

🔘   Select the desired recording.

▶/⏸   Switch between playback/pause.

🔘/🔘   Press and **hold** for fast forward and rewind.

Dictating machine options

Options   Open menu.

Play	Play back current recording.
Loudspeaker	Playback through the built-in loudspeaker.
Settings	Set recording quality: **Low**, **Medium**, **High**

(For standard functions see page 24)

Time zones

▦ → ⫯ → **Time zones**

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

World map

🔘   Select the desired time zone.

City list

🔘   Select a city in the selected time zone.

Or

Options   Open menu and select **Search city**.

☑   Set time zone.

Remote synchronisation

$\boxed{}$ → $\boxed{1}$ → **Remote sync.**

You can use this function to synchronise the personal data on your phone (contacts, notes, calendar entries) with a remote server. The external data can, for example, be saved on a company computer.

A request to synchronise data can also be received via **WAP push** (page 58). The user, however, must agree to the start.

Settings and functions

$\boxed{\updownarrow}$ Select the desired function.

$\boxed{\odot}$ Display.

Active account

Two profiles can be set for synchronisation.

$\boxed{\circlearrowleft}$ Display menu for changing.

$\boxed{\leftrightarrow}$ Select profile.

$\boxed{\circlearrowleft}$ List of profiles is displayed, select a profile.

$\boxed{\checkmark}$ Activate the profile.

Set profile:

$\boxed{\circlearrowleft}$ Display menu for changing.

Connect. list	Select connection/proxy.
Address:	Enter the URL that points to remote server.
Port:	Enter port number, e.g. 80.
User name:	Enter login name.
Password:	Enter password (shown as a series of asterisks).
Server ID:	Default ID/Enter server address (for WAP push messages).

Last sync:

Tabview of:
Contacts, **Appointments**, **Tasks**, **Notes**

Display date, time and sync type of the last synchronisation.

Date range   ⚏!

Limit the time for the synchronisation of appointments in days/weeks. Only appointments within the date range will be synchronised.

Contacts, Appointments, Tasks, Notes

Mark application(s) whose data is to be synchronised. You can set the synchronisation mode for each application separately.

Synchronisation modes

You can choose between six modes for each application. The mode will influence the amount of data transferred and the result.

Off: The data of this application will not be synchronised.

Fast sync.: Only the modifications made after the last sync will be exchanged between server and mobile.

Sync all: All data for the selected application will be transferred from server to mobile and also from mobile to server. Server and mobile will contain the same data afterwards.

Update server: Data modified on the mobile will be transferred to the server.

Update cell: Data modified on the server will be transferred to the mobile.

Backup: All data from the mobile will be transferred to the server.

Warning! All server data will be deleted before backup!

Restore: All data from the server will be transferred to the mobile.

Warning! All mobile data will be deleted before restore!

Synchronisation

Before synchronisation you must select a profile (**Active account**) and the sync mode for the database(s). Confidential notes are not transferred.

Sync   Synchronisation with the selected server is started.

Whaen synchronisation has been carried out successfully, the actions that have been performed are displayed on several tabs.

Extras

SIM services (optional)

$\boxed{\vdots}$ → $\overrightarrow{\text{★}}$ → **SIM services**

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

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

$\boxed{\text{⎗}}$ Symbol for SIM services.

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

My applications

To help you organise the applications you download from the Internet you can use the **My applications** folder in **My stuff**.

For further information, see page 111.

Calculator

$\boxed{\vdots}$ → $\overrightarrow{\text{★}}$ → **Calc.**

The calculator is offered in a basic version and with an advanced range of functions.

The input line is in the middle of the display with two calculation lines above it.

Beneath it is the matrix with the calculation functions.

$\boxed{\text{🖑}}$ Enter digit(s).

$\boxed{\text{☉}}$/$\boxed{\text{☉}}$ Navigate to functions in the matrix.

$\boxed{\checkmark}$ Accept function.

$\boxed{\text{🖑}}$ Enter digit(s).

$\boxed{\checkmark}$ Apply function. The result is calculated and displayed immediately.

Basic functions	
+, -, *, /	Basic calculation types
=	Result
1/x	Reversion
%	Convert to percentage
.	Decimal point
±	Sign change "+" / "−"
AC	New calculation
Extended functions:	
Options	Open menu, then select **Extended mode**.
√x	Square root
x²	Square
e	Exponent
MS	Save displayed number
MR	Call up saved number
M+	Insert number from memory

Calculator options

Options   Open menu.

Convert	Call up the current result in the unit converter.
Clear all	Delete all units.
Memory save, Memory recall, Memory clear	Save or recall result; delete memory.
Extended mode/ Basic mode	Switch calculator functionality.

(For standard functions see page 24)

Unit converter

⊞ → 🗄 → **Unit converter**

You can convert various measurement units in the decimal system into other measurement units.

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

Example for **Velocity** units:

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

Converting the units/currency

|	
🔘	Select the source unit/currency.
🔘	Switch to the input field.
🔢	Enter the quantity to be converted.
🔘	Switch to the selection field.
🔘	Select the target measurement unit/currency. The result is displayed.

You can use both input fields alternately.

Special key functions:

(✳△)	Set the decimal point.
(#⌐)	Change the preceding sign.

Currency

When you call up the function for the first time, you must enter currencies into which the conversions are to be made.

✍	Enter the name of the currency (e.g. Euro).
Options	Open menu and save the entry with **Save**.

Now enter the names and exchange rates of up to three additional currencies for conversion.

Options Open menu.

Sign change	Change the preceding sign.
Memory save, Memory recall	Save or recall result.
Edit rate	Change the exchange rate for the base currency.
Add currency	Enter new currency and exchange rate.
Set as base	Use current currency as base currency.
Calculator	Start calculator.

(For standard functions see page 24)

Online status ⬡!

The application can be called up from various other applications, such as **Chat room** or **Contacts**.

In **Online status** you can set such attributes as **Availability** or **Mood**. These are visible to people who have subscribed to your **Online status**. You can also edit your status lists for the respective service here.

Depending on the service provider and available services, five tabs are offered.

Online status

For Instant message:

Available, **Busy**, **Not available**
Indicate whether you can be reached in the respective service.

Options	Select **Private area**. Depending on the choice between **Public**, **Private** or **Hide** the following attributes can be seen by all subscribers, only by members of the **Private list** or by no-one.
My alias:	Enter your personal nickname.
My text:	Enter your personal information text (access to saved texts via **Options**).
My logo:	Select your personal logo (start via **Options My stuff** or **Camera**).

My mood: Indicate your personal mood.

MSG lists ⊲8!

(Instant Messaging lists)

Access to the following lists:

Pend. requests

Display the current requests for your personal attributes.

Watcher list

Display who is watching your attributes.

Private list

Display subscribers who can see all attributes set to **Private**.

IM block list

Display all subscribers who can see no attributes and are blocked for **Chat room**.

Info messages

List the messages sent by the service provider.

Settings

The dependence of **Online status** settings on those of the current profile (page 69) can be activated/deactivated.

Sound recorder

⊞ → 🗗 → **Sound recorder**

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

New recording

New entry Select.

The remaining time available, as well as the recording time, are shown in the display.

⏺ A brief beep sounds when the recording starts.

⏸/⏺ Switch between pause/record.

Stop The recording is ended and saved with a time stamp in **My stuff/Sounds**.

Start the recording from **Sound recorder**:

▶ Play back.
Rename the recording via **Options**.

Start the recording from another application:

☑ Back to application.

Playback (via Media player)

(arrows)	Select the desired recording.
▶/❚❚	Switch between playback/pause.
(arrows)	Press and **hold** for fast forward and rewind.
Options	Open menu.

Play	Play back current recording.
Set as…	Set the recording as a ringtone.
→ contact	Assign recorded sounds to a contact.
Settings	Set recording quality: **Low**, **Medium**, **High**

(For standard functions see page 24)

Stopwatch

▦ → 📦 → **Stopwatch**

The stopwatch can work with lap times and intermediate times.

With **Lap timing**, each time a time is taken the stopwatch returns to zero.

With **Split timing**, the clock continues to run and the respective intermediate time is stored (max. 99).

Display, also in standby mode.

▶/■	Start, stop or continue, depending on the situation.
Lap / **Split**	Store the current intermediate/lap time.

Stopwatch options

Options	Open menu.

Start	Start the stopwatch.
Next	Continue to take an intermediate time.
Reset	Reset to zero.
Stopwatch list	Display saved entries.
Lap timing/ Split timing	Switch mode.

(For standard functions see page 24)

Countdown

|▦| → |☆| → **Countdown**

A set time elapses. The last
4 seconds are indicated by a beep.
At the end a special beep sounds.
Display, also in standby mode.

|☷| Enter period of time

or

|◌̂| select standard timing.

|▶| Start countdown.

Standard timings

It is possible to call up or set five
timings with different countdown
times.

|◌̂| Select standard timing.

|Change| Open input field.

|☷| Enter name, then period
       of time.

|Save| Save entries.

> **Additional information**
>
> For **Stopwatch** and **Countdown**:
>
> |Stop| ends the function
>   prematurely.
>
> |Exit| or |–| end only the display, **not** the
>   function.

Date calculator

Calculate the period between two
specified dates.

|☷| **From:** enter date, then
       Until: enter date.

|Calc.| Start calculation.

|🔄| Edit output units.

|◌̂| Select previous/next
       value.

My menu

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

The list of 20 entries is preset. You
can, however, change it as you wish.

Using

|◌̂| Select the required 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 (1–10) with another entry from the selection list.

⬍   Select the required entry.

Change   The function list is opened for selection.

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

☑   Confirm. The entry is saved.

If **Phonebook** is selected, the phone number must also be selected; if **Internet** is selected, the bookmark must also be selected.
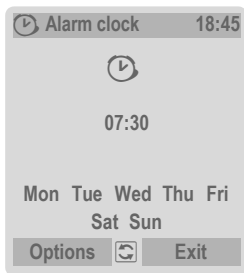
Conversa. hist.

> Read all dialogues from the last session offline (deleted next time you log in).

Alarm clock

⊞ → ⟨⟩

The alarm sounds at the set time even when the ringtones or the phone are switched off. The alarm clock is activated automatically after a change is made.

Off   Press to end the alarm.

```
🕐 Alarm clock        18:45

            🕐

          07:30


    Mon Tue Wed Thu Fri
        Sat Sun
    Options  🔄   Exit
```

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

Or

🔄   Activate/deactivate the alarm clock.

Setting the days for an alarm

Options   Open the menu and select **Set days**.

〇   Switch between the days of the week.

🔄   Mark or unmark the days for an alarm.

Save   Save the alarm call time.

Alarm clock options

Options   Open menu.

Alarm on	Activate the alarm clock.
Set time	Set the alarm call time.
Set days	Set the days for an alarm.
Set Tune	Set ringtone.
Clock	Set time (page 83).
Auto snooze	If user does not react: snooze only or deactivate alarm.

(For standard functions see page 24)

Additional information

🕐   Screen display in standby mode: alarm clock activated.

Use **Pause** or press any number key to set the current alarm to repeat.

Media player

Starting from an application

When you are viewing a picture/video or listening to a melody, the application starts a media playback.

Direct number for the media player

🎵 Press

or

▦ → 🔘

For fast access, all the media files on your phone are offered on four tabs:

Music, **Play list**, **Pictures**, **Videos**

🔘 Select tab.

🔘 Select file.

✓ Start playback.

Media library

All music, playlist, video and image files contained on the phone and the RS MultiMediaCard are automatically added to the media library. If you would like a rebuild of the media library, however, press
Options → **Refresh**.

After the media player starts the following tabs are displayed:

Music

All AAC, AAC+, AAC++ and MP3 files are displayed.

All files stored in the phone are automatically shown in a list in the Music tab. This list can be arranged according to the meta data (ID3 tags) by album, artist, genre or title.

Play list

All playlists (file format: *.m3u) are displayed.

Pictures

All supported picture formats are displayed.

Videos

All supported video formats are displayed.

Music/Videos

Functions for playing back songs or videos.

☑	Play or pause, depending on the situation.
⟨⊙⟩	Fast forward/rewind while key is pressed.
⟨⊙⟩	Load next/previous media file.
(# ⁻)	Video: Switch to full screen mode and back again. Music: Switch between file list and music animation.
⊕/⊖	Set the volume with the plus/minus sidekeys.
(* △)	Switch to mute.
Stop	End playback.

For further services, see **Options** page 107.

Play list

Several pieces of music are compiled in a playlist (*.m3u).

Options Open menu, select **New** and then **Play list**.

Edit playlist options
Options Open menu.

Add track	Add a piece of music.
Remove track	Remove a piece of music.
Move track	Move piece of music up/down with the navigation key.

Centre key functions	
▶	Play, play back.
‖	Pause.
■	Stop.

Playlists in "*.m3u" format created on a PC can be transferred together with the songs into the sounds directory in **My stuff** using the Mobile Phone Manager (see page 26 and page 112). When the songs are located in the same directory, the playlist can be played back without any modification.

Pictures

Zoom functions for a displayed picture.

⊕   Zoom function if the displayed picture has a higher resolution than the display. The two softkeys (+/−) enlarge/reduce the picture.

⊙/⟨⟩   The enlarged picture detail is moved using the navigation key.

5 JKL   Centre picture.

For further services, see **Options** page 107.

Media player options

Options   Open menu.

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

Play/Pause	Play back the current media file or pause.
Open	Select the media source such as **My stuff**, **Bookmarks** or **URL**.
New	Select an application to create a new object or a new playlist for music.
Zoom	Activate/deactivate zoom mode.
Set as…	Set picture as **Background**, **Logo**, for example, and sounds, for **Incoming call**, for example.
→ contact	Assign a picture or melody to a contact.
Edit playlist	Edit a playlist (page 106).
Play mode	• Individual piece of music • Repeat (piece of music/playlist) • All pieces of music • Introduction; the first 5 seconds of each piece of music is played.
Slideshow	Automatic run-through in full screen mode. Change individual picture with navigation key.

Edit	Access to picture editing (application must be loaded).
To background	Put **Media player** into the background.
Full screen	Full screen display of a picture/video.

(For standard functions see page 24)

Incoming call

An incoming call pauses the playback and puts the media player into the background. After the call has ended the playback continues automatically.

Playback in the background

You can put the media player in the background in order to work with other applications. Playback, e.g. of songs, continues.

Press key repeatedly to switch to foreground or background operation.

My stuff

To organise your files, you can use the file system like a PC file manager. There are separate folders for the various data types in **My stuff**.

▦ → 🗂

The list of the folders and files is displayed (on two tabs if an RS MultiMediaCard is used).

🖺	Select file or folder.
☑/⦿	Open folder and select file or link.
	Depending on the selection, the file with the associated application is opened or the download started.

Download

Melodies, pictures, games and other applications are offered on the Internet. Once downloaded, you can access these via the phone. Most applications include instructions. The appropriate folders contain the download function for downloading new pictures, sounds, etc.

Remember that pictures and sounds may be protected (DRM, page 21).

Some applications and games are already pre-installed on your phone.

Downloading can, if necessary, take place in two stages:

Description file only

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

or complete download

☆	The application/game is completely loaded.

My stuff options

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

Options   Open menu.

New folder	Create a new folder and name it.
Attributes	Display information on file or folder selected.
Move/Copy	Select file(s) or folder, then select destination folder and insert with ☑.
Format card	Format RS MultiMedia-Card.
Eject card	Remove the RS Multi-MediaCard without loss of data.
License mgr.	Handling of DRM rights.

(For standard functions see page 24)

Additional information

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

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

You will find this on the supplied CD-ROM or you can download the relevant latest version of the MPM from the Internet at:
www.BenQ-Siemens.com/c81

Directory structure

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

Folder	Description	Format
Sounds	Sounds, ringtones	mp3 aac aac+ aac++ m3u mid amr wav
Pictures	Pictures	bmp bmx jpg jpeg png gif
Videos	Videos	3gp
Topics	Loaded theme (zipped)	sdt
	Theme configuration (unzipped)	stc
Games	Java archive	jar
	Download info	jad
Applications	Applications, such as Photo Editor or Download Assistant	*
Other	Text modules	tmo
	Internet pages	html wml

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

RS MultiMediaCard™

The RS MultiMediaCard extends the memory capacity of your phone by up to a gigabyte. This permits you, for example, to store a large number of pictures, videos or sounds. You can also use the memory card as a removable medium.

⊞ → 🗁

🖸 Open RS MultiMediaCard tab.

The list of the folders and files is displayed. The folders and files are treated as in **My stuff**. If a file is opened whose application is in the phone the file is copied to there.

Additional information

RS MultiMediaCard is a trademark of the MultiMediaCard Association.

Changing the **RS MultiMediaCard**

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 139) or Bluetooth.

You can download the latest version of the MPM software from the Internet at:
www.BenQ-Siemens.com/c81

Organiser

You can use the organiser to manage the contacts and appointments you have stored in your phone and synchronise them between your phone, Outlook® and other BenQ-Siemens phones. You can use all Call Control functions from the organiser.

Call Control

You can dial straight from the Organiser at the click of a mouse. It also makes establishing and managing conference calls extremely easy – the parties to the call are displayed on-screen in a virtual conference room, allowing you to swap effortlessly between the conference call and a private call and to call and add new subscribers at the click of a mouse.

SMS and EMS management

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

Backup and restore

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

Bookmark Management

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

Phone explorer

You can 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.

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 travelling to surf the Internet.

Picture and photo processing

Picture/photo processing 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.

My stuff

My stuff offers you a convenient option for managing ringtones, music, playlists and videos. You can sore your music files in your phone automatically converting them into a suitable format.

Plug & Sync

Plug & Sync carries out your routine tasks for you as you wish.
With "Music > phone" you can always copy your latest tracks and playlists automatically to your phone. With "Photos > PC" you can transfer your newly taken photos to your PC.

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.

Notifier

If your phone is connected to a PC you will always be notified on the PC screen, if required, about incoming calls or messages – even when the phone is switched to mute.

Questions & Answers

If you have any questions about using your phone, visit us anytime at **www.BenQMobile.com/customercare**. 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.	On/Off key not pressed long enough.	Press On/Off key for at least 2 seconds.
	Flat battery.	Charge battery. Check charging indicator in the display.
	Battery contacts dirty.	Clean contacts.
	See also below under "Charging error".	
Standby time is too short.	Frequent use of organiser and games.	Restrict use if applicable.
	Fast search activated.	Deactivate fast search (page 87).
	Display illumination switched on.	Switch off display illumination (page 73).
	Unintentional keystrokes (illumination!).	Switch on Auto key lock (page 84).

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 telephone connection socket, clean them if necessary, then insert battery again.
	No mains voltage.	Use different mains power socket, check mains voltage.
	Wrong charger.	Only use original accessories.
	Battery faulty.	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 1.8-V and 3-V SIM cards only.
	SIM card damaged (e.g. broken).	Carry out a visual check. Have service provider change the SIM card.
No network connection.	Weak signal.	Move higher, to a window or an open space.
	Outside the GSM range.	Check service provider's coverage area.
	Invalid SIM card.	Complain to the service provider.
	New network not authorised.	Try manual selection or select a different network (page 86).
	Network call barring is set.	Check network barrings (page 86).
	Network overloaded.	Try again later.
Phone loses network.	Signal too weak.	Reconnection to another service provider is automatic. Switching phone off and on again can speed this up.
Calls not possible.	Second line set.	Set line 1 **1⟩⟩⟩⟩** (page 86).
	New SIM card inserted.	Check for new barrings.
	Charge limit reached.	Reset limit with PIN2 (page 43).
	Credit used up.	Load credit.
Some calls not possible.	Call restrictions are in place.	Barrings can be set by service provider. Check barrings (page 85).
Impossible to make entries in contacts.	Contacts list is full.	Delete entries (see Standard functions, page 24).
Voice message not functioning.	Call divert to mailbox not set.	Set call divert to mailbox (page 64).

Problem	Possible causes	Possible solution
▯! flashes.	SMS memory is full.	Delete SMS messages (see Standard functions, page 24) or archive them (page 50).
⊠! flashes.	MMS memory is full.	Delete MMS messages (see standard functions, page 24).
▢! flashes.	Phone memory full.	Delete messages, pictures, videos, games or applications.
Function cannot be set.	Not supported by service provider or registration required.	Contact your service provider.
Capacity problems with, for example, Games & More, ringtones, pictures, videos, SMS archive.	Phone memory full.	Delete files in the relevant areas. You can use the memory assistant to delete specific files (page 82).
No Internet access, downloading not possible.	Profile not activated, profile settings wrong/incomplete.	Activate or set browser profile. If necessary consult your service provider.
Message cannot be sent.	Service provider does not support this service.	Check with your service provider.
	Phone number for service centre not set or incorrectly set.	Set service centre (page 52).
	SIM card contract does not support this service.	Contact your service provider.
	Service centre too busy.	Repeat message.
	Recipient does not have a compatible phone.	Check.
EMS pictures are not displayed on the destination phone.	Destination phone does not support the EMS standard.	
No Internet access possible.	Incorrect browser profile set, or wrong or incomplete settings.	Check browser settings; 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, contact your service provider.
Phone code error.	Three wrong entries.	Contact Service Centre (page 119).

Problem	Possible causes	Possible solution
Service provider code error.	No authorisation for this service.	Contact your service provider.
Too few/too many menu entries.	Functions may have been added or deleted by the service provider via the SIM card.	Check with your service provider.
No fax possible.	Wrong settings in the PC.	Check settings.
	No authorisation for this service.	Contact your service provider.
Charge meter does not work.	Charge pulse is not being transmitted.	Contact your service provider.
Damage		
Severe shock.	Remove battery and SIM and re-insert them. Do not dismantle the phone!	
Phone became wet.	Remove battery and SIM. Dry immediately with a cloth, but do not apply heat. Dry connector contacts thoroughly. Stand mobile upright in an air current. Do not dismantle the phone!	

**Reset settings to the factory default, page 83: * # 9 9 9 9 #** ☐

Customer Care

We offer fast, individual advice! You have several options:

Our online support on the Internet:

www.BenQMobile.com/customercare

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 ▢) 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 115.

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

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

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

Abu Dhabi	0 26 42 38 00
Argentina	0 81 02 22 66 24
Australia	13 00 66 53 66
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 07 11 00 03
Morocco	22 66 92 09
Netherlands	0 90 03 33 31 00
New Zealand	08 00 27 43 63
Nigeria	0 14 50 05 00
Norway	22 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 80 02 00 10 10
Saudi Arabia 0 22 26 00 43
Serbia 01 13 07 00 80
Singapore 62 27 11 18
Slovak Republic 02 59 68 22 66
Slovenia 0 14 74 63 36
South Africa 08 60 10 11 57
Spain..9 02 11 50 61
Sweden...08 57 92 90 49
Switzerland 08 48 84 08 45
Taiwan 02 23 96 10 06
Thailand 0 27 22 11 18
Tunisia 71 86 19 02
Turkey...0 21 64 59 98 98
Ukraine 8 80 05 01 00 00
United Arab Emirates.......................0 43 66 03 86
United Kingdom 0 87 05 33 44 11
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. Nevertheless, 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 you 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

BenQ Mobile hereby declares that the phone described in this user guide is in compliance with the essential requirements and other relevant provisions of European Directive 1999/5/EC (R&TTE). The relevant declaration of conformity (DoC) has been signed. Please call the company hotline if you require a copy of the original:
www.BenQMobile.com/conformity

$C \epsilon$ 0168

Technical data

GSM class:	4 (2 watt)
Frequency range:	880–960 MHz
GSM class:	1 (1 watt)
Frequency range:	1,710–1,880 MHz
GSM class:	1 (1 watt)
Frequency range:	1,850–1,990 MHz
Weight:	90 g (3.2 oz)
Size:	103 × 47 × 18.5 mm (4 x 1.8 x 0.7 inches) (84 ccm)
Li-Ion battery:	820 mAh
Operating temperature:	–10 °C to 55 °C (14°F to 131°F)
SIM card:	1.8 V and 3.0 V
RS MultiMediaCard:	max. 1 GB

Phone ID

You will need the following information if you lose your phone or SIM card:

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

....

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

....

the customer service number of the service provider:

....

Lost phone

If you lose your phone or SIM card, contact your service provider immediately to prevent misuse.

Operating time

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

The operating time depends upon the respective network conditions and conditions of use. Extreme temperatures considerably reduce the standby time. You should therefore avoid the leaving the phone in the sun or on a radiator.

The following applications reduce the standby time and can be deactivated if required:

SAR

INFORMATION ON RF EXPOSURE /
SPECIFIC ABSORPTION RATE (SAR)

THIS MODEL MEETS THE GOVERN-MENT'S REQUIREMENTS FOR EXPO-SURE TO RADIO WAVES

Your cellular phone is a radio trans-mitter and receiver. It is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commis-sion (FCC, USA) and by Health Cana-da. These requirements include safe-ty 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 **0.44 W/kg**. In positions other than the head, such as on the body, a separation distance of **2.0 cm** is required. The highest SAR value in this case was **0.34 W/kg**.

Information about this device model can be found at
http://www.fcc.gov/oet/fccid
by searching the equipment authori-zation system using **FCC ID**: **PWX-C81**.

As SAR is measured utilizing the de-vice's highest transmitting power, the actual SAR of this device while operating is typically below that indi-cated above. This is due to automatic changes to the power level of the de-vice to ensure it only uses the mini-mum level required to reach the net-work.

Additional Information can be found on the websites of the World Health Organization
(**http://www.who.int/emf**),
the Cellular Telecommunications In-dustry Association (CTIA) web-site at **www.phonefacts.net**,
the Canadian Wireless Telecommuni-cations Association (CWTA) website **www.cwta.ca**
or BenQ Mobile
(**www.BenQMobile.com**).

FDA

U.S. FDA

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

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

Why the concern?

Mobile phones emit low levels of radio frequency energy (i.e., radio frequency radiation) in the microwave range while being used. They also emit very low levels of radio frequency energy (RF), considered non-significant, when in the stand-by mode. It is well known that high levels of RF can produce biological damage through heating effects (this is how your microwave oven is able to cook food). However, it is not known whether, to what extent, or through what mechanism, lower levels of RF might cause adverse health effects as well. Although some research has been done to address these questions, no clear picture of the biological effects of this type of radiation has emerged to date. Thus, the available science does not allow us to conclude that mobile phones are absolutely safe, or that they are unsafe. However, the available scientific evidence does not demonstrate adverse health effects associated with the use of mobile phones.

What kinds of phones are in question?

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

How much evidence is there that hand-held mobile phones might be harmful?

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

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

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

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

pected 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 Varey, A. Effect of a 915- MHz simulated mobile phone signal on cognitive function in man. Int. J. Radiat. Biol., April 8, 1999.

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

FCC/Industry Canada Notice

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

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.

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 co-incide 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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6. Commencement & termination.

This Agreement is effective from the first date You use or install the Software. Your end user rights automatically and immediately terminate without notice from Licensor if You fail to comply with any provision of this Agreement. In such event, You must immediately delete, destroy or return at Your own cost and expense, and without entitlement to any refund of the purchase price, the phone and the Software, and all related material to Licensor.

7. Except as expressly provided

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10. Technical support.

Licensor has no obligation to furnish You with technical support except as agreed in writing between You and Licensor in the Limited Warranty provided with the phone.

11. Export control.

The Software may be subject to export regulations of the United States and other countries. You agree that You shall comply with all applicable export laws, restrictions and regulations of the United States or foreign agencies or authorities, and shall not export, or transfer for the purpose of re-export, any Software, product or technical data received under this Agreement or any Software or product produced by use of such technical data, including processes and services, in violation of any applicable restrictions, laws or regulations, or without all necessary approvals.

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This Agreement shall be governed by and construed in accordance with the laws of the State of California without regard to its conflicts of laws rules. This is the entire agreement between Licensor and You relating to the Software and it supersedes any prior representations, discussions, undertakings, end user agreements, communications or advertising relating to the Software.

Accessories

Products can be obtained in specialist shops or you can visit the Mobile Store online: **www.BenQMobile.com/shop**

Fashion & Carry

Carrying Cases
Belt Case FCL-600
Tour Case FCT-650

Energy

Li-Ion Battery EBA-760 (820 mAh)
Spare battery.

Travel Charger
Travel Charger EU ETC-100
Travel Charger UK ETC-110
Travel charger with an extended input voltage range of 100–240 V.

Car Charger Plus ECC-100
Charger for the cigarette lighter socket in the car. It is possible to make phone calls during charging.

Desk Top Stand EDS-100
Desk top stand charger for the phone.

Handsfree Portable

Headset Basic HHS-100
Headset HHS-110
Headset with PTT key (push to talk) to accept and end calls.

Headset Purestyle HHS-120
High quality headset with detachable earphones and key to make/end phone calls.

Headset Stereo HHS-150
Stereo headset with key for enjoying music and making phone calls.

Headset Bluetooth®
HHB-700 with EU mains adapter
HHB-710 with UK mains adapter
Elegant, small Bluetooth® headset that is very comfortable to wear.

HHB-100
Easy to wear Bluetooth headset.

Headset Bluetooth® Clip
HHB-130 with EU power supply unit
HHB-131 with UK power supply unit
Stylish Bluetooth headset to clip at your clothing.

Headset Bluetooth® Comfort
HHB-160 with EU power supply unit
HHB-161 with UK power supply unit
Elegant Bluetooth headset to wear behind the ear.

Headset Bluetooth® Stereo HHB180/181
HHB-180 with EU power supply unit
HHB-181 with UK power supply unit
Stereo Bluetooth® headset for high quality and convenient handsfree talking and listening to music.

Headset Bluetooth® Stereo HHB-750
Stereo Bluetooth® headset with integrated display for high quality and convenient handsfree talking and listening to music.

Office

Data Cable DCA-100

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

Data Cable USB DCA-140

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

SyncStation DSC-100

Table support for the phone to facilitate simultaneous data exchange and telephone charging. Includes a desktop stand and a USB data cable.

Multitainment

Mobile Music Set Bluetooth® IMS-100

The portable Mobile Music Set Bluetooth allows you to listen to music on your mobile phone via the active loudspeaker anywhere you go and with excellent sound quality in a wireless way.

Car Solutions

Mobile Holder HMH-100

Holds the mobile phone securely in the vehicle. Ideal for use with headset or Car Kit Portable (universal input).

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

High-tech Bluetooth handsfree car kit with no cable connection to the mobile phone. Installation is easy – simply plug into the cigarette lighter socket.

Car Kit Bluetooth® Portable HKW-700

High-tech Bluetooth handsfree car kit with an external display and with no cable connection to the mobile phone. Installation is easy – simply plug into the cigarette lighter socket.

Car Kit Bluetooth® HKW-710

Innovative Bluetooth® handsfree kit with an external display for making in-car calls safely and conveniently.

Car Kit Bluetooth® SIM HKW-720

Innovative Bluetooth® handsfree kit with an external display for making in-car calls safely, conveniently, and with low power consumption.

Menu tree

Contacts	▶	All contacts
		Groups
		Online status
		SIM
		Filter

Call records	▶	Missed calls
		Calls received
		Calls dialed
		Delete records
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				All incoming
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		Enter URL
		Bookmarks
		Internet
		History
		Saved websites

Camera	▶	Take a photo
		Record video

Messages	▶	Create new	▶	SMS
				MMS
				E-mail

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- E-mail
- WAP push

Draft
- SMS, MMS
- E-mail

Sent
- SMS, MMS
- E-mail

Outbox
Chat room
Voice mailbox
WAP push
- SMS, MMS
- E-mail

CB services
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- Read new CB
- Topic list
- Auto display
- Use Topic index
- CB languages

Msg. archive
- SMS, MMS
- E-mail

Templates
- Text templates
- MMS templates

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- Zoom in
- Emoticons
- Save aft. send
- SMS
- MMS
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- WAP push set.

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Tasks
Notes
Dictat.machine
Time zones
Games Remote sync.
Media player
Alarm clock

Extras ▶ SIM services
My applications
Calc.
Unit converter
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Sound recorder
Stopwatch
Countdown
Date calculator
My stuff My menu

Settings ▶ Profiles
Ringtones ▶ Volume
Calls
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Startup tune
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EGPRS info
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Forward
Call screening
Any key
Minute beep

Settings	Phone settings	Language
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		Info tones
		Auto off
		Memory assis.
		File system
		License mgr.
		Phone identity
		Device manag.
		Fact. settings
	Clock	Time/date
		Time zones
		Time format
		Date format
		Start of week
		Buddhist date
		Show clock
		Auto time
	Security	Auto key lock
		Direct call
		Only
		PIN code
		This SIM only
		Certificates
		Call blocking

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				Upload via USB

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