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Safety precautions

Information for parents

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

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

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

Always keep the phone and accessories out of reach of small children.

Small parts such as the SIM card, dust cap, lens ring and lens cap as well as the Micro SD Card can be dismantled and swallowed by small children.

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

Do not look directly into the LED (e.g. activated infrared port, flash LED) with optical magnifiers because of radiation.

This product complies with IEC/EN 60825-1 “Safety of Laser Products” for LED Class 1M products; such products are safe under reasonably foreseeable operating conditions.

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 discomfort or buzzing in your ears, reduce the volume or discontinue use of your ear- or headphones.

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

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

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.

You may only open the phone to replace the battery, SIM and Micro SD Card. You must not open the battery under any circumstances. All other changes to this device are strictly prohibited and will invalidate the guarantee.

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.

- Only use original batteries and charging devices. Otherwise you risk serious damage to health and property. The battery could explode, for instance.
- All batteries can cause property damage, injury or burns if a conductive material such as jewelry, keys or beaded chains touch exposed terminals. The material may complete an electrical circuit and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside your pocket, purse or other container with metal objects. Your batteries are supplied with a protective cover. Please attach this cover to your batteries when detached from the phone and not in use.
- Do not dispose of batteries in fire as they may explode.

Dispose of unwanted batteries and phones as permitted by the laws in your countries.

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

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As mobile devices offer a range of functions, they can be used in positions other than the head, such as on the body. In this case, separation distance of **1.5 cm** is required.

Bluetooth®

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

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

- The initial connection between two devices, what is called "pairing", should take place in familiar surroundings.
- Both devices must be able to identify themselves one time by using a password/PIN. To ensure sufficient security, you should choose a 16-digit number combination for a password that would be difficult to guess (if a PIN has not been assigned).
- An automatic connection acceptance ("connection without confirmation") should only be used in exceptional cases.
- In general, only trustworthy devices should be linked in order to minimise security risks.
- You should restrict the "visibility" of your phone if possible. This will make it much more difficult for unknown devices to establish a connection with your phone. To do this, in the Bluetooth menu, set the option Bluetooth visibility from On to Off (page 79).
- The name of your phone is transmitted in a Bluetooth connection. The factory default is the "Bluetooth ID". The first time Bluetooth is activated, or later in the Bluetooth menu, you can change this name (Bluetooth name, page 79).
- 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.

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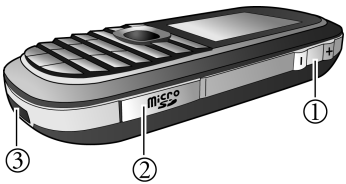
Phone overview



① **Volume key**

Press to adjust volume.

② **Micro SD Card slot**

③ **Connection socket**

For charger, headset, USB cable, etc.

④ **Earpiece**

⑤ **Display**

⑥ **/ Soft keys**

The current functions of these keys are shown in the bottom line of the display (see Shortcuts, page 81).

⑦ **Power on/off/End key**

- Press and hold to turn the phone on/off.
- Press to end a call.
- Press to reject an incoming call.
- Press to cancel dialing.

⑧ **Call key**

- Press to send or answer calls.
- In standby mode: Press to open call records.

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① **Media player key**
- In standby mode: Press to open the **Media player** menu.
- During music playback: Press to send music to background/return to Media player screen.

② **C key**
- Press to delete entered text.
- Press and hold to delete text quickly.

③ **Voicemail key**

In standby mode: Press and hold to dial your voicemail number.

④ **OK key**
- In standby mode: Press to open the main menu.
- In lists and menus: start a function/confirm selection.

⑤ - **Number keys**

Press to enter numbers.
Press and hold to start a shortcut function/speed-dial a number.

⑥ **Navigation key**
- In standby mode: Press to start shortcut functions (see Shortcuts, page 81).
- In lists, messages and menus: Scroll up, down, left and right.

⑦ **Asterisk key**
- Press to enter an asterisk "*".
- Press and hold to activate/deactivate the Silent mode.

⑧ **# key**
- Press to enter "#".
- Press and hold to activate/deactivate keypad lock.
- While dialling a number, press and hold to add a wildcard "?" to the number (see also page 30).

⑨ **0 + key**

While dialling a number, press and hold to make an international call (enter "+").

⑩ **Microphone**

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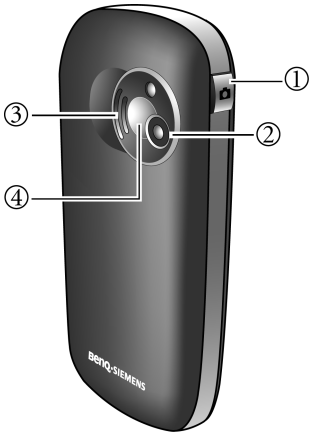
① **Camera key**

- Press to activate the camera mode.
- If the camera is active: Press to take photos.

② **Camera lens**

③ **Speaker**

④ **Self-portrait mirror**



Standby display icons

	3G signal strength.
	Battery charge level, e.g. 100%
	GSM Signal strength
	New SMS/MMS messages
	New E-mail message
	Alarm set
	Keypad locked
	General profile active
	Silent profile active
	Meeting mode active
	Outdoor profile active
	User profile 1 active
	User profile 2 active
	Car kit profile active
	Headset profile active
	Divert
	Bluetooth turned on
	Micro SD Card loaded
	Voice mail received

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Getting started

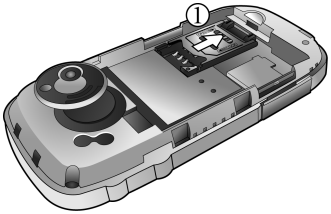
Removing the back cover

1. Use a thin object such as a finger nail to press in at the groove just below the cover on the bottom edge of the phone as illustrated.
2. Lift the cover off the phone.

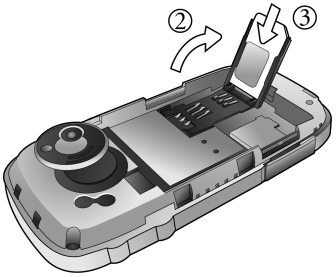
Inserting the SIM card

A SIM card can be easily damaged if its metal contacts become scratched. Therefore, take special care when holding or inserting it.

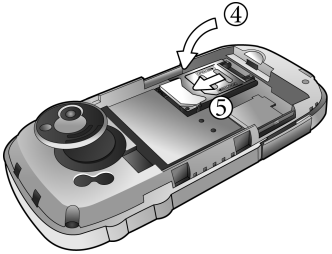
1. Slide the SIM card holder backward to release it.



2. Swing the SIM card holder upright as illustrated.
3. Slide the entire SIM card into the card holder, with the metal contacts of the SIM card facing the battery bay and the cut corner at the top right.



4. Swing the SIM card holder back onto the battery bay.
5. Slide the SIM card holder forward so that it locks in place.



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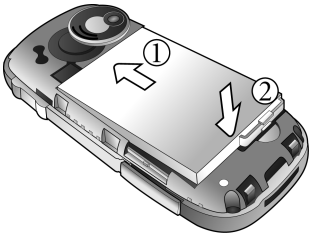
Inserting the battery

1. Slide the top end of the battery down into the top end of the battery bay.
2. Press the bottom end of the battery down so that it locks in place.



Switch off your phone before removing the battery.

Installing the back cover

1. Insert the tabs on the inside top edge of the back cover into the slots on the top edge of the phone
2. Press the cover down onto the phone to lock in place.

Micro SD card

The Micro SD Card gives your phone a very large memory capacity. This allows you to save picture/video files, sound recordings, etc. You can also use this Micro SD Card to save any other files.

You can access the list of folders and files in the **My stuff** menu (page 72).

Inserting the Micro SD card

1. Lift the cover of the Micro SD card slot.
2. Insert the entire Micro SD card into the slot. Ensure that the card's metal contacts face upwards.

3. Close the cover of the slot.

Removing the Micro SD card

1. Lift the cover of the slot.
2. Press on the Micro SD card to release the card.
3. Close the cover of the slot.

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Charging the battery

The battery is not fully charged when first unpacked.

1. Plug the charger connector into the connection socket on the bottom edge of your phone. Note that the connector is inserted with its metal contacts facing up.
2. Plug the charger into a power outlet and charge for at least 2 hours (the battery is 90% charged in 2 hours).
3. Once the phone is fully charged, remove the charger from both the power outlet and the phone.

- Do not remove the battery while charging.
- When the battery is discharged, the charging may not start immediately when you plug in the connector. Wait 10 to 15 minutes for the phone to begin charging.
- Charging is only possible within a temperature range of 0 °C (+32 °F) to +50 °C (+122 °F).

When the battery is low, you will be warned with an alert sound.

Switching phone on/off

Switching phone on

Press and hold to switch the phone on. The phone will display a greeting message (page 78).

Entering PIN

Enter your PIN using number keys and confirm with .

When the PIN code entered has been accepted, the phone will automatically search for the designated network. This search process may take a few seconds.

- The SIM card can be protected with a 4 to 8-digit PIN.
- If you enter the PIN incorrectly three times in a row, the SIM card will be locked. You must now enter the PUK (Personal Unblocking Key) for that SIM card in order to unlock it. Please contact your service provider to obtain a PUK.
- To activate/deactivate /change PIN, see page 19.

Standby mode

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

Press to return to standby mode from any situation.

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Signal strength

The signal strength is indicated in the top left corner of the display. More bars indicate a stronger signal.

Strong signal.

If the phone is not able to detect the designated network, or links to a network that you are not authorized to use, the signal strength meter will show no bars. You will only be able to make emergency calls.

Offline mode

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

To switch the offline mode on/off, see below.

Emergency Call (SOS)

You can make an emergency call even if your phone is locked or cannot access your network, or if there is no SIM card inserted, as long as you are within range of a network of the type supported by your phone.

1. Enter 112 (the international emergency number).
2. Press .

Switching phone off

Press and hold to switch the phone off.

Or

Press briefly and select one of the Switch-off options.

Switch off	Switch phone off. Phone switches on automatically if alarm or calendar event occurs.
Offline mode	Phone is not switched off, but has no connectivity to any network.
Phone & alarms off	Phone will not power on when an alarm or calendar event occurs while off. This mode is useful e.g. in hospitals or on an airplane.

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General instructions

Connectivity

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

- The fastest method is UMTS (Universal Mobile Telecommunications System). If you use UMTS, you can make video calls in high quality. You can be connected to the Internet permanently. Some service providers do not yet support this service.
- GPRS (General Packet Radio Service) is another method for transmitting data in the mobile network. With GPRS you can be connected to the Internet permanently, as well, if the network has sufficient capacity.
- GSM (Global System for Mobile Communications) is a fully digital standard for mobile networks mainly used for voice calls and text messages (SMS).

Depending on the surrounding network and your provider, the different methods are used automatically. Depending on your provider you may set which method to use.

DRM

This phone features Digital Rights Management (DRM) technology. DRM allows copyright-protected audio/visual content transmissions for playback in computers, portable devices and network devices, while protecting them from unauthorized use.

Menu control

Navigating the menus

The phone features various functions and settings organized in menus and sub-menus.

To select a function from menus:

1. Press in standby mode to open the main menu.
2. Use and to scroll up, down, right or left through the main menu. For example, scroll to **Settings** .
3. Press or (**Select**) to enter the **Settings** menu.
4. Press to scroll to a submenu, for example **Ringtones**.
5. Press or (**Select**) to enter the **Ringtones** menu.

In this user manual, the steps needed to reach a menu are shown in a condensed form, for example: **Settings** > **Ringtones**.

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Menu speed dialling

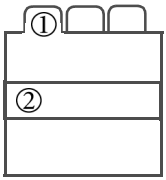
All menu functions are numbered internally according to the position of the menu icon/option on the display. A function may be selected directly by entering these numbers in sequence.

E.g., select **Settings** > **Ringtones** from standby mode:

1. Press .
2. Press then .

Tabs

Tabs allow fast access to information and applications.



① Press to switch between tabs.

② Press to leave the current input field/entry and switch to the next input field/entry.

While editing a tab, press to navigate within the input field.

Standard functions

Options menu

The list below contains standard functions offered across various options menus.

Press (**Options**).

<New entry>	Create new entry.
Save	Store entry.
Change	Open options list.
View	Display entry.
Details	• Display additional information about the selected entry. • Display properties of the file.
Delete/ Delete all	Delete entry/delete all entries after confirmation.
Exit	Exit application.
Edit	Open entry to edit/open input field to edit.
Text input meth.	Open input method menu (page 20).
Text edit menu	Open text edit menu (page 22).
Sort by	Select sort criterion (e.g. alphabetical, type, status, sender, date/time).
Set as	e.g. set picture as wallpaper, melodies as ringtones.

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Rename	Rename selected entry.
Send	Select transmission type (e.g. MMS, SMS, e-mail or Bluetooth) and send file.
Create message	Select transmission type and create message.
Reply/ Reply to all	The sender becomes the recipient.
Capacity/ Memory status	Display memory status for respective application, phone, SIM card or the Micro SD Card. If memory is insufficient start **Memory assistant** (page 84).

Mark mode

In some applications (e.g. Contacts/ My Stuff) one or more entries in a list can be highlighted to carry out a function jointly.

Press [–] (**Options**) and select **Mark**.

Press [◯]: select entry/entries.

Press [●] : Mark/unmark entry.

Mark options

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

Press [–] (**Options**).

Mark/ Unmark	Mark/unmark selected entry.
Mark all	Mark all entries.
Unmark all	Unmark all marked entries.
Delete marked	Delete all marked entries.
Send marked	Send marked messages (e.g. e-mails from draft folder).
Retrieve marked	Retrieve marked e-mails (if only header is retrieved).

Fast list search

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

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

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PIN codes

Settings > Security > PIN codes

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

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

- If you enter the PIN incorrectly three times in a row, the SIM card will be locked. You have to enter the PUK for that SIM card in order to unlock it. Please contact your network operator to obtain a PUK.
- If the PUK has been lost, please contact your network operator.

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

PIN control

The PIN is the password provided by your network operator and is usually requested each time the phone is switched on. You can deactivate this feature but you risk unauthorised use of your SIM card. Some network operators do not permit deactivating the control.

Activating/deactivating PIN status

1. Select PIN control.
2. Enter PIN and confirm with .

Change PIN

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

1. Enter current PIN code and confirm with .
2. Enter new PIN code and confirm with .
3. Re-enter new PIN code and confirm with .

Change PIN2

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

Change phone code

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

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

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

Text input

Changing input methods

When an editing screen is displayed, the current text input method is indicated in the upper right corner of the display. The phone has the following input methods:

abc	Lowercase text input without T9.
Abc	Text input without T9 with the first letter capitalized.
ABC	Uppercase text input without T9.
T9abc	Lowercase text input with T9.
T9Abc	Text input with T9 with the first letter capitalized.
T9ABC	Uppercase text input with T9.
123	Numeric input.

- Press [#] briefly: Swap between input methods.
- Press and hold [#] : Input method menu is displayed.

Text input without T9

- Press a number key repeatedly until the required letter appears. After a brief interval the cursor will advance. Example:
  Press [2 abc] once briefly to write the letter **a**, twice to write **b** etc. Press and hold to write the number.
- Press [C] briefly to delete the letter left of the cursor or marked text.
  Press and hold to delete text quickly.
- Press ◀▶ / ▲▼ to move the cursor.
- Press [0 +] once/repeatedly: **. , ? ! ' " 0 + - ( ) @ / : _**
  Press and hold: insert **0**.
- Press [1] : insert space.
  Press twice: insert a line feed
  Press three times/press and hold: insert **1**.

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Text input with T9

T9 word suggestions

T9 predicts the most probable word from a sequence of keys you press.

1. Simply press the keys once where the relevant letter is located.
2. If several options are found in the dictionary for a key sequence (a word), the most probable is displayed first.
3. If the first highlighted word is not the one you want, press (<< T9 ...). The displayed word is replaced with a different word. If this word is also incorrect, press repeatedly until the correct word is displayed.
4. To end a word, press to insert a blank, or press to move the cursor to the right of the word.

Adding a new word to the T9 dictionary

If a desired word is not in the list of word suggestions (as a dotted line e.g. --- indicates), the word is not yet included in the T9 dictionary. You can add the word to the dictionary.

1. Press (Spell), or press and hold to select Text edit menu> Spell word.
2. Enter the word and confirm with . The word may now be entered without T9 support.
   The next time you enter the same word, it is in the list of suggestions.

Correcting a word

1. Move left or right, word by word, until the required word is highlighted.
2. Press (<< T9 ...) to scroll through the T9 word suggestions again.
   Alternatively, press C to delete the character to the left of cursor and displays a new possible word.

T9® Text Input is licensed under one or more of the following: U.S. Pat. Nos. 5,187,480, 5,818,437, 5,945,928, 5,953,541, 6,011,554, 6,286,064, 6,307,548, 6,307,549, 6,636,162 and 6,646,573; Australian Pat. Nos. 727539, 746674, and 747901; Canadian Pat. Nos. 1,331,057, 2,302,595 and 2,227,904; Japan Pat. No. 3532780, 3492981; United Kingdom Pat. No. 2238414B; Hong Kong Standard Pat. No. HK1010924; Republic of Singapore Pat. No. 51383, 66959, and 71979; European Pat. Nos. 0 842 463 (96927260.8), 1 010 057 (98903671.0), 1 018 069 (98950708.2); Republic of Korea Pat. Nos. KR201211B1 and KR226206B1. People's Republic of China Pat. Application Nos. 98802801.8, 98809472.X and 96196739.0; Mexico Pat. No. 208141; Russian Federation Pat. No. 2206118; and additional patents are pending worldwide.

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Special characters

Press briefly: Special characters are shown.

- Press / to navigate to characters.
- Press to insert the selected character or a line feed if is selected.

Text edit menu

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

Insert symbol	Insert a special character or a line feed
Mark	You can highlight text in order to copy and paste it to a different place.
Copy/Paste	Copy/paste highlighted text to a different place.
Input language	Select the language in which you want to compose your message. If you select **Automatic**, the Input language is based on the display language.
Only if T9 is activated	
Spell word	Open the spell box and add new words to dictionary.

Text templates

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

Creating text templates

Messages > **Templates** > **Text**

The list of existing templates is displayed.

1. Press (**Options**) to select **New template**.
2. Write text.
3. Press to select **Save**.

- To create a new SMS directly from the **Templates** menu:

1. Select a text template.
2. Press or press (**Options**) and select **New message**.

- To set a template as header/signature for new messages:

1. Select a text template.
2. Press (**Options**) and select **Set as header/signature**.

Inserting text templates

Messages > **Create message** > **SMS/MMS**

1. Write a message.
2. Press (**Options**) to select **Insert text**.
3. Select **Template**.

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4. Select a text template from the list and confirm with . The text template is inserted in the message.

Calling

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

Making a video call

To initiate a video call (in standby mode):

1. Press and select **Video call** .
2. The phone switches to video call mode. A preview is displayed. You can enter a number (see **Dialling with number keys**) or enter a number from **Contacts** via the **Options** menu.
3. Press or to make the call.

- You can also select a number from call records to make a video call (see **Dialling previous numbers**).
- For options available during a video call, see page 27.

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

Video call options

In video call mode press (**Options**).

Video call	Call the entered number.
Save	Save the entered number to a new or existing contact.
View	View the entered number's contact information, if any.
Insert pause	Insert "P" for extension dialling.
Contacts	Enter a number from the contact list.

Dialling with number keys

1. Enter a phone number in standby mode.
2. Make a voice call: Press or .
   Make a video call: Press (**Options**) and select **Video call**.
3. The displayed number is dialled.

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Entering international dialling codes:

- Press and hold 0 + until "+" is displayed. Then enter country and area codes.

Dialling with number extension:

1. Enter the number.
2. Enter press (Options) and select Insert 2-s pause to insert "P".
3. Enter the extension number.
4. Press or (voice call).

You can also use the Contacts list to dial a number (page 34).

Ending a call

Press or (End call). You will be asked whether or not to save the number to a new or existing contact.

Setting earpiece volume

(Only possible during a call)

Press or the volume key to adjust the volume.

Dialling previous numbers

1. Press to open call records.
2. Press to scroll to the preferred tab: All calls/Dialled/Missed/Received calls.
3. Press to pick out a number from the list.
4. Press or to call the number.

   To make a video call press (Options) and select Video call.

Listening to voicemail

Press and hold 1 .

If the voicemail number is not stored on your SIM card, you will be asked to set the number.

Accepting a call

Press , or (Answer) to accept a call.

Video call

If the incoming call is a video call and Show my image is deactivated (default, page 83) Do you want to show your video image? is displayed. You have the following options:

- Press (Yes): Your video is shown to the caller.
- Press (No): The video mute image is shown to the caller (page 83).

- If Any key answer is activated (page 82), you can accept the call by pressing any key.
- To avoid the disturbance caused by a ringing phone, press and hold to switch Silent mode on/off (indicates Silent mode is activated).

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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.

Rejecting a call

Press or (**Reject**).

Handsfree talking

You can put the phone aside during a call and hear the caller via the loudspeaker.
Press (**Options**) and select **Hands free** to activate/deactivate handsfree talking.

Warning!

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

Additional information

During a video call the **speakerphone** (loudspeaker) is activated by default.

Swapping between 2 calls

(Network support dependent and not available during video calls)

Establish a second connection

1. Press (**Options**) and select **Hold call**. The active call is put on hold.
2. Dial a new number and press or .

Alternatively, dial the new number and press or . The active call is put on hold.

Swapping calls

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

Press .

Or

Press (**Options**) and select **Swap**.

Incoming calls during a call

You will hear a special tone during the call (page 82). You have the following options:

Accepting the waiting call in addition to the first

Press , or (**Swap**) to accept the waiting call. The current call is put on hold.

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

Or

Press (**Options**) and select **Swap**.

Rejecting the waiting call

Press (**Reject**).

Accepting the waiting call, ending the current call

1. Press to end the current call.
2. Press , or (**Answer**) to accept the new call.

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Ending calls

Press [end] or [-] (**End call**) to end the active call.

Or

Press [-] (**Options**) and select **Drop** to select the call to end.

If **Return to held call?** displays, you have the following options:

- Press [-] (**Yes**): Accept the held call.
- Press [-] (**No**): End the held call.

Conference

(Network support dependent and not available during video calls)

Call up multiple parties one by one and link them together in a multiparty call.

Once a call has already been established:

1. Press [-] (**Options**) and select **Hold call**. The active call is put on hold.
2. Dial a new number and press [call] or [oval].
   Alternatively, dial the new number and press [call] or [oval]. The active call is put on hold.
3. When the second call is established, Press [-] (**Options**) and select **Conference**. The held call is joined.

Ending a conference

Ending all calls

Press [end].

All calls in the multiparty conversation are ended.

Ending one call

Press [-] (**Options**) and select **Drop** to select the call to end.

Private call

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

Press [-] (**Options**) and select **Private**. Then select the entry for the private call.

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Swapping between the private call and conference

Press (Options) and select Swap.

When a private call is finished

- Press : End the private call and return to the conference.
- Press (Options) and select Conference. The private call is joined to the conference again.

Call options

The following functions are only available during a call

Press (Options) or .

Mute call/ Mute sound	The person on the other end of the line cannot hear you (muting). In video calls your video is still shown on the other end of the line.
Hands free	Call via the loudspeaker.
Upgrade to video/ Switch to voice	Change the current voice call to a video call or vice versa. The current call is ended and a new connection with the same partner is established.
To Contacts	Save the number To new contact/To exist.(existing) contact
Main menu	Open the main menu.

Not available during video calls:	
Hold call	Hold current call.
Swap	Swap between calls.
Conference	(see page 26)
Drop	End a call in a conference.
Private	Make private call in a conference.
DTMF	Enter tone sequences (numbers) for remote inquiries to an answering machine.
Only during video calls:	
Mute video	The incoming video is muted and the video mute image is sent (see page 83).
Pause inc./ Pause outg.	Pause the incoming video (of the other party) or outgoing video (yours). The menu entry changes to Resume inc./ Resume outg.
Full/split screen	Select the video presentation on your display. See details below.
Frame rate	Adjust how many frames per second the camera will capture.
White balance	Adjust the sensitivity to light.

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Flicker adjustment	Adjust the sensitivity to indoor lightening flicker rate.
Send picture/ Send video	Select a picture/video from the My stuff menu and show it to the person on the other end of the line.
Speakerphone	Activate speakerphone (loudspeaker).

Full/split screen

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

Them fullscreen

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

Splitscr. -- me sm.

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

Splitscr. -- me lg.

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

Me fullscreen

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

Contacts

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

The contacts may contain the following types of entries:

- Contacts saved on the phone (see **All contacts**).
- SIM contacts saved on the SIM card (page 31).
- Distribution lists: shortcuts for communication with more than one contact (e.g. sending SMS). Contacts may belong to several distribution lists (page 32).
- Groups: contact categories (e.g. shared ringtone). A contact can belong only to one group (page 30).

Accessing Contacts

In standby mode press and select Contacts .

Or

Press to open Contacts (default shortcut, page 81).

For fast access, contacts are organised on 4 tabs. Press to switch between tabs.

All contacts	All contacts (including SIM contacts) and distribution lists.
Groups	All groups.

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SIM contacts	Contacts saved on the SIM card.
Filter	Apply different filter criteria to all contacts.

All contacts

All contacts (excluding SIM contacts) are saved on the phone and displayed in alphabetical order. Distribution lists are displayed additionally.

A contact can include 4 numbers, 4 e-mail addresses, 2 URLs, 2 fax numbers and 2 postal addresses.

Adding a new contact

Opening a contact entry

- In the **All contacts** tab: select **New entry**.
- In standby mode:

1. Enter a number
2. Press (**Options**) and select **Save**.
3. Select **To new contact**.
4. Select a phone type.

Filling contact information

The input fields are organised on 4 tabs:

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

Within the tabs:

1. Press to select input fields.
2. Fill in input fields.

Assigning media files

In some input fields (ringtone, picture) you can assign ringtones and pictures.

Press to select a media field (e.g. picture) and confirm with .

Depending on the media type you can either record a new media file via camera or sound recorder or select a file from the corresponding **My stuff** folder (page 72).

Saving a contact

1. Press (**Options**) and select **Save contact**.
2. Press to confirm save notification.

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Additional options for editing a contact

Press (Options).

Set as default	Set selected field as default for that type (e.g. default number or e-mail for use).
Switch tab...	Select contact tab for more input fields.
Add birthday/ Remove birthday	If no birthday is entered, open birthday field. If birthday is entered, delete after confirmation.
Set date	If birthday field is selected, open calendar to set the birthday.
With a number field selected:	
Insert 2-s pause	Insert a pause P followed by an extension number.
Insert wildcard	Insert wildcard ("?"). See below.
Record voice tag/ Re-record voice	Start recording voice tag (page 34).
Play voice tag	Start playback of current voice tag.
Delete voice tag	Confirm to delete voice tag.
Further options on page 32.	

Adding numbers with wildcards

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

Press (Options) and select Insert wildcard.

Or

Press and hold #o to insert "?".

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

Calling a number containing a wildcard "?"

1. Select the number from contacts.
2. Press .
3. Enter numbers to replace "?".
4. Press or . Number is dialled.

Groups

Groups are collections of contacts that can be used to categorise contacts. A group can have the same incoming call alert.

SIM contacts cannot belong to a group, you have to copy them to the phone contacts first.

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

Adding a new group

You can add personal groups.

1. Select New group and enter the name of a new group.
2. Press (Options) and select Save.

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Adding members

1. Press to select a group. The number of entries is displayed in the second line when highlighted.
2. Press (Options) and select **Add new member**. A list of all contacts that are not already in the group is displayed.
3. Select new members and confirm with .
4. Press (Add) to confirm selection.

Viewing members in a group

Select a group and press .

Editing a group

1. Press (Options) and select **Edit**.
2. Rename the group and attach an audio ringtone and a picture.

SIM contacts

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

Adding a new SIM contact

1. Select **New entry** and fill in the following fields:

First & last name	Contact name
Storage location	Save to **SIM/Protected SIM**. Special SIM cards can save numbers in a protected area (protected SIM) that requires entry of PIN2.
Private phone	phone number
Record number	Available SIM record number

2. Press (Options) and select **Save**.

Moving a SIM contact to phone

1. Press to select a SIM contact.
2. Press (Options) and select **Edit**.
3. Press (Options) and select **Add more fields**. The SIM contact is converted to a regular contact saved on phone memory.

You cannot convert protected SIM contacts.

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Filter

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

Press (Options) and select Filter.

The following filter criteria are available:

- Voice dialling: List all contacts that have a voice tag associated with one or more of their numbers.
- Video teleph.: List contacts with a number set as default for video call dialling (page 33).
- E-mail
- URL
- Birthday
- On phone: all contacts stored on the phone (except SIM contacts).
- Distrib. (Distribution) lists

Press to select criterion and confirm with .

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

Options menu for Contacts

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

Press (Options).

Distribution lists	
New distr. list	Enter name. You can rename the distribution list and attach a ringtone and a picture using the Edit option.
Add to distr. list	Add contact/distribution list/group to a new or existing distribution list. If SIM contact selected, confirm to move contact to phone memory.
Add new member	Open contact list. Select contacts and add them to the selected distribution list.
Groups	
New group	Enter name.
Add to group	Add contact(s) to new or existing group. If SIM contact selected, confirm to move contact to phone memory.

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SIM contacts	
Add more fields	Convert SIM contact to a regular contact saved on phone memory. (not for protected SIM contacts).
Special numbers	Your provider may supply you with special numbers. Select classes you want to show/hide (Network support dependent).
Business card	
Create visit. card	Create a business card, which is a contact containing your own contact information. The business card is displayed outside the sort order at the top of the contact list. You cannot add the business card to a distribution list or group.
Set as biz card	Selected contact is set as business card. If a business card already exists, it is converted to a regular contact. SIM contacts cannot be set as business cards.
Undo biz card	Convert selected business card to a regular contact.
Media field selected	
Play ringtone/video/View picture	Start playback of current ringtone/video/ View picture.
Replace ringtone/video/picture	Select new ringtone/video/picture.
Remove ringtone/video/picture	Confirm to delete current ringtone/video/picture from contacts.
General options	
Video call	Make a video call to the selected number.
Open web site	If contact information contains URL, start the browser and load URL.
Send contact	Contacts are sent/received as a vCard via Bluetooth, MMS, or e-mail.
Set as vid. allow'd/ Undo vid.allow'd	Set a number as default for video call dialling. When you select **Video call** to call contact, this number will be dialled as default. (Not available for SIM contacts.)
Save options	Depending on save location, select **Copy/Move to SIM**: Only SIM information is saved while copying/moving contact from phone to SIM. **Copy/move to phone**. Protected SIM contacts, special numbers and the business card cannot be copied or moved to another save location.

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Save location	Select **SIM card/Phone memory** as default save location.
Duplicate	Add new contact with duplicate information.
Find	• **Contacts search**: Enter text/number and confirm with . • **Filter contacts**: Display contacts and distribution lists according to the selected filter.
Synchronise	Initiate synchronisation.
For standard functions see page 17.	

Fast contact search

In the contact list, pressing number keys opens a fast search window.

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

Dialling a contact

1. Scroll to a contact in Contacts list.
2. Press : Make a voice call to the displayed (default) number.
   Press (**Options**) and select **Video call**: Make a video call to the video enabled number.

If several numbers are stored and no default number is set (not for SIM contacts), press to view all numbers and select one to call.

Voice-activated dialling

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

You can associate one voice tag to each number of a contact.

Recording a voice tag

Record the voice tag in a quiet environment.

1. Open the **All contacts** tab.
2. Select a contact.
3. Press (**Options**) and select **Edit**.
4. Select a number input field.
5. Press (**Options**) and select **Record voice tag**.
6. Press (**Start**) to start recording.
7. Speak the name. Repeat the name after playback.

Using Voice-activated dialling

In standby mode press and hold .

Speak the name after the signal tone.

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Call records

(Network support dependent)

In standby mode press and select **Call records** .

Or

Press .

The different call information is listed on 5 tabs:

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

Each list displays the 100 most recent calls.

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

Redial number

1. Select a records tab (e.g. **Missed calls**).
2. Select entry.
3. Press or : make a voice call to the number
   Press (**Options**) and select **Video call**: make a video call.

Options for call records

Press (**Options**).

Call	Make a voice call to selected number.
Video call	Make a video call to selected number.
View contact/ Add to Contacts	If number is saved as contact, view contact. If number is not yet saved, create new contact.
Details	Display call type (video/voice call), number, name, time/date and duration of the call.
For standard functions see page 17.	

Duration/charges

(Network support dependent)

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

These call types are displayed: **Last call**/**Outgoing calls**/**Incoming calls**

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

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If the display of costs is disabled or the currency is not entered, cost information is not displayed.

Reset all incoming/outgoing calls lists

Press (Reset) to reset the current list.

Charge settings

Select Settings.

Currency

(PIN2 protected)

1. Enter currency code (up to 3 characters).
2. Press (Options) and select Save.

Personal Rate

(PIN2 protected)

1. Enter per minute rate.
2. Press (Save).

To enter "." press .

Display costs

Activate/deactivate cost display.

Account limit info

(PIN2 protected)

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

- **Account limit**
  Activate/deactivate account limit.
- **Enter maximum units**
  Enter maximum units for the account.
- **Reset remaining**
  Confirm notification to reset account limit.

Camera

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

- Use a picture as wallpaper.
- Send picture/video via MMS, e-mail or Bluetooth.
- Save pictures/videos on the phone or on the Micro SD Card.

Start the camera

Picture mode

In standby mode press and select Camera > Picture mode.

Or

Press the camera key on the side of the phone.

Video mode

In standby mode press and select Camera > Video mode.

Or

Press (Video) (default shortcut).

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The current preview image is displayed.

Displayed information

Current picture/video settings

The selected resolution is displayed in the top line.

The following symbols are displayed:

Current brightness setting.

Current zoom level.

Flash (when activated).

Night mode (when activated).

Self timer (when activated).

Active self timer, flash and night mode are indicated only in picture mode.

Remaining memory

The following memory information is displayed:

- Memory location: Pictures/videos can be saved either on the phone or on the Micro SD Card . To change save location see page 39.
- Remaining memory: Picture count/available record time on the current memory location. The remaining memory depends mainly on the selected resolution and the motif.

Taking pictures/videos

Settings prior to taking pictures/recording videos

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

For further settings see options menu.

Taking pictures

1. Start the camera in picture mode.
2. Press or camera key .

Recording videos

You can record up to 5 minutes.

1. Start the camera in video mode.
2. Press or camera key : Start recording.
3. Press or (**Pause/Resume**): Control recording.
4. Press (**Stop**): End recording.

Reviewing pictures/videos

Start video playback

Press (**Options**) and select **Play video**.

- Press : Playback/pause.
- Press or the volume key : Control volume during playback.

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- Press (Stop): Stop playback.

Save pictures/videos

Press to confirm save notification.

The picture/video is displayed.

The picture/video is saved with a name, the date and the time in **Media player**/**My stuff** > **Pictures/Videos** (page 69, page 72).

Return to view finder

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

Delete pictures/videos

Press (Discard): Delete picture/video and open view finder.

Camera options

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

Press (Options).

New picture/ New video	Open view finder to take another picture/record another video.
Play video	Play recorded video.
View pictures/ View videos	Open corresponding **Media player** tab to view pictures/videos (page 69).
Picture mode/ Video mode	Switch between picture and video mode.
Message mode	Message mode is optimised for sending video via MMS/Bluetooth: • record time 10 seconds. • Low resolution. Message mode is activated automatically if video mode is started from MMS application.
Flash	Turn flash on/off for picture mode.
Audio record	Turn microphone on/off for video mode.
Night mode	Turn night mode on/off for picture mode.
Self timer	Picture is taken approx. 10 seconds after triggering. For the last 3 seconds, you will hear a signal tone each second.
Picture settings/ Video settings	Open settings (see below).
For standard functions see page 17.	

Picture settings/Video settings

Resolution

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

Default name

Enter default file name (up to 4 characters).

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Save location

Select default save location: **Phone memory/Card**.

Frame rate (only for video settings)

Set how many frames per second the video should capture: **Low/High**.

White balance

Select: **Auto/Indoor/Outdoor**.

Flicker adjustment

Adjust the sensibility to indoor lightening flicker rates: **Off/50 Hz/60 Hz**.

Create message

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

Messages **> Create message**

SMS/MMS

About SMS

You can transmit and receive long messages on your phone.

The phone will automatically convert long SMS messages that you send to MMS. Long SMS messages you receive are automatically divided into concatenated SMS messages.

About MMS

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

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

Writing/sending an SMS

Messages **> Create message > SMS**

1. Enter text/add items (see SMS options).

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2. Press and select **Add recipient**.
3. Select a contact from Contacts list (**Add fr. Contacts**) or enter a number manually.
4. Press or press and select **Send**.

- The following is displayed in the top display line: text entry mode, number of segments needed to send the current message and number of remaining characters.

SMS options

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

Press (**Options**).

Add item	**Picture/Video/ Sound**: Select file from the corresponding **My stuff** folder (page 72) If you try to add items that cannot be sent via SMS, the message is converted to MMS after confirmation.
Send options	Set **Status report**/ **Validity period**/ **SMS type**/**Send with** for current SMS. (page 48).
Further functions, see page 41.	

Writing/sending an MMS

Messages > **Create message** > **MMS**

1. Enter text/add items (see MMS options).
2. Press and select **Add recipient**.
3. .Select a contact from Contacts list (**Add fr. Contacts**) or enter a number/e-mail address manually.
4. Press or press and select **Send**.

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

MMS options

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

Press (**Options**).

Add item	• **Picture/Video/Sound/**: Select any file from the corresponding **My stuff** folder (page 72) and add to a new slide. • **Text**: Enter text to a new slide. • **Contact**: Select a contact and add as vCard. (You cannot attach more than one vCard per MMS).
Add subject	Enter subject.

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Preview MMS	Start preview mode (see below).
Send options	Set **Read Report**, **Delivery report**, **Validity period**, **Priority** and **Delivery time** for current MMS (see also MMS settings, page 50).
Further functions, see below.	

Preview MMS

If you start **Preview MMS** you can change the presentation of the message.

Press (**Options**).

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

SMS/MMS options

Depending on the current situation, different functions will be offered for both SMS and MMS.

Press (**Options**).

Add recipient	Specify the number/e-mail address of the recipient.
Edit recipient	Edit entered number/ e-mail address.
Create item	• **Take picture/Record video**: Take a photo/record a video (page 37) to add to the message. • **Record sound**: Make a sound recording (page 64) to add to the message.
Insert text	• **Template** (page 22). • **Contact details**: open contact and select contact information.
Save as	• **Draft**: Save message in draft folder. • **Template**: Save message as text/MMS template.
Remove picture/ video/ sound/contact /recipient	Remove picture/ video/ sound/contact/recipient from message.
For standard functions see page 17.	

E-mail

Your phone has an e-mail program (client). You can use it to create and receive e-mails. To create new e-mails you have to configure at least one e-mail account (page 52).

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Writing/sending e-mails

Messages > **Create message** > **E-mail**

1. Enter text/add items (see E-mail options).
2. Press ⬭ and select **Add recipient** (see E-mail options).
3. .Select a contact from Contacts list (**Add fr. Contacts**) or enter a number/e-mail address.
4. Press ⬭ or press ⬭ and select **Send**.

E-mail options

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

Press ⬭ (**Options**).

Add subject	Enter subject.
Add recipient	• **From Contacts**: Select a contact from Contacts list. • **Enter e-mail addr.**: Enter e-mail address manually. T9 is not available.
Edit recipient	Edit entered address.
Edit subject	Edit subject.
Attach item	• **From My stuff**: Select any file from the **My stuff** folder. • **From Contacts**: Select contact and add as vCard. (You cannot attach more than one vCard per e-mail).
Add Cc	Add contact(s) of copy recipient(s).
Add Bcc	Add contact(s) of copy recipient(s). Bcc recipients are not visible for other recipients.
Remove item/ recipient	Remove highlighted attachment/recipient.
Save as draft	Save e-mail in draft folder.
Add signature	Add signature at the current cursor position.
Send options	Set **Req. deliv. receipt:**, **Request read receipt:**, **Priority:** for current e-mail (see E-mail settings, page 52).
For standard functions see page 17.	

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Inbox

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

Messages > Inbox

Or

Press to open the inbox in standby mode (default shortcut).

Receiving messages

When new messages are received, a notification is displayed.

SMS

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

Press (View) or to read new message.

MMS

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

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

You can change MMS settings to download new MMS immediately without request.

Cell Broadcast Service

Some service providers offer Cell Broadcast Services (CB), supplying you with messages on the activated topics.

When the function is activated, CB messages are received automatically. Depending on the current setting, CB messages are displayed in standby mode.

E-mail

E-mails are not received automatically. Before an e-mail can be read, it must be retrieved from the server (page 45).

WAP push

WAP push messages are provided by special service centres. Depending on the current setting, WAP push messages are received or rejected automatically.

Inbox structure

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

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

Make a call to the sender: Select SMS, MMS or e-mail and press .

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Reading SMS, MMS, CB

All new messages are listed in chronological order.

Select a message and press .

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

Use these keys while reading a message

Set volume.

Switch sound on/off.

Only MMS:

Navigate within a slide.

Switch to next/previous slide.

Play media file.

Options on the In-SMS/MMS/CBS tab

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

Press (Options).

View	Read SMS, MMS, MMS Notification or CB.
Downld message	Download MMS if MMS notification is received.
Reply/ Reply to all	Select SMS/MMS and create reply message.
Forward	Forward Message to another recipient. • SMS: Select SMS/MMS. • CB: Create SMS. • MMS: Select MMS. If you forward as SMS, attached media files are removed automatically.
Mark as unread	Display message in bold type.
Add to Contacts	Save the sender as contact (page 29).
For standard functions see page 17.	

Additional options while reading a message

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

Press (Options).

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

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Save Picture/Video/ sound	Select the save location (phone/Micro SD card). Downloaded file is saved in corresponding **My stuff** folder (page 72).
Call number	If number is highlighted: Dial number.
Save to Contacts	Save numbers displayed in the message or vCard as a contact (page 29).
Save appoint.	If calendar object is selected: Save calendar event (page 62).
For standard functions see page 17.	

Downloading ringtones and logos

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

Remember that ringtones/logos may be protected by DRM.

Reading E-mail

If more than one account is configured, the list of accounts is displayed.

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

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

POP3 account

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

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

IMAP4 account

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

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

For details on E-mail settings, see page 52.

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Options on the Inbox-E-mail tab

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

Press [–] (Options).

View	Display e-mail. If only headers are retrieved, retrieve body and display e-mail.
Retrieve e-mail	Retrieve new e-mail for selected account (see details below).
Retrieve all accts	Retrieve new e-mail for all configured accounts.
Account settings	Open account settings for highlighted account. If no account is configured create new account.
Reply/ Reply to all	Create new e-mail with the sender/all recipients as receiver.
Forward	Forward e-mail to another recipient.
Add to Contacts	Save as the e-mail sender as contact (page 29).
Only POP3 account:	
Delete on server	Delete e-mail on server only. The local copy is retained.
Only IMAP4 account:	
Subscr. to folders	See details below.
Move to folder	You can move e-mails from one subscribed folder to another. The move is synchronised with the server the next time you retrieve e-mails.
Unsubscribe	E-mail within the folder is deleted on the phone only. Synchronisation of e-mails to server is stopped.
Display order	Select Folders first/ E-mail first.
For standard functions see page 17.	

You can set the max. size of downloaded e-mails.

Retrieve e-mail

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

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

Subscr. to folders

(only IMAP4 accounts)

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

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

1. Press to select folder(s) and confirm with to subscribe/unsubscribe to folders.
2. Press (**Options**) and select **Subscr. to marked**.

Options while reading an e-mail

Press (**Options**).

Voice call	Start voice call to sender (if number available).
Send e-mail	If e-mail address is highlighted: create new e-mail.
View/Play/ Download	View/play attachment. If not downloaded yet: download attachment (only IMAP4 accounts).
Delete on phone	Delete downloaded attachment on phone. POP3 account: the attachment is deleted permanently on phone and cannot be downloaded again.
Go to URL	If URL is highlighted: Start browser and load URL.
Save	Select the save location (phone/ Micro SD Card). • Downloaded file is saved in corresponding **My stuff** folder. • Selected vCard is saved as contact. • Selected calendar object saved as calendar event.

For standard functions see page 17.

WAP push

The following messages are displayed:

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

Reading WAP push message

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

Service loading message

Depending on your setting, you are connected to the browser and the service is loaded automatically.

Message with audio/video/image content

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

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Message lists

Messages are displayed the same as in the Inbox. The most recently edited/sent message is displayed at the top of the list.

Drafts

Messages > Drafts

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

You can save a message as a draft while creating it.

Outbox

Messages > Outbox

The list contains all messages you failed to send and is organised on two tabs: **SMS/MMS** and **E-mail**.

Sent messages

Messages > Sent messages

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

Message settings

Configure SMS, MMS, e-mails, cell broadcast (CB) and voice mail.

SMS settings

Messages > Message settings > SMS

SMS profiles

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

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

Setting default profile

If profile is already configured: Select profile and press to set profile as default.

Edit profile

1. Select profile.
2. Press (**Options**) and select **Edit**.

Rename	Rename SMS profile.
Message centre	Enter number of message centre.

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Recipient	Set a default recipient for the profile. Select **Add fr. Contacts** and select contact/distribution list, or enter number. This recipient is added to each SMS automatically.
Validity period	If SMS could not be delivered during this period, it is deleted from message centre automatically.
Status report	A status report is sent when a message is delivered successfully. If **Ask on send** is activated, a prompt is displayed when SMS is sent.
Send confirmation	Set whether or not a confirmation for successfully sent messages is displayed.
SMS access	Select **GSM/GPRS** mode for sending/receiving SMS.
SMS memory	Select **Phone/SIM** as default save location for incoming SMS.
SMS type	Select delivery type. (Network support dependent.)

Reset profile

Press [−] (**Options**) and select **Reset profile**.
If your provider has locked a predefined profile, it cannot be reset.

Auto header

If the function is activated the Header template (page 22)is automatically inserted at the start of any created SMS.

Auto signature

If the function is activated, the Signature template (page 22) is automatically inserted at the end of any created SMS.

Save sent items

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

Auto delete SMS

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

Emoticons

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

Text size

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

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MMS settings

Messages > Message settings > MMS

MMS profiles

The MMS parameters are configured in up to 5 different profiles. You will receive the necessary data from your service provider.

Setting default profile

If profile is already configured: Select profile and press ● to set profile as default.

Edit profile

1. Select profile.
2. Press ▭ (Options) and select Edit.

Name	Enter profile name.
Connect. profile:	Select profile provided by your provider (page 80).
Internet profile:	Select profile provided by your provider (page 80).
Relayserver URL:	Enter Internet address.
Secure rs URL:	Enter Internet address.

Reset profile

Press ▭ (Options) and select Reset profile.
If your provider has locked a predefined profile, it cannot be reset.

Home retrieval/Roaming retrieval

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

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

Req. read report

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

Req. deliv report

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

Delivery time

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

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Validity period

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

Hide number

Your number is withheld from the recipient.

Anon. messages

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

Allow read report

(Network support dependent.)

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

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

Allow deliv report

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

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

Creation mode

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

The following settings are possible:

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

Auto signature

See SMS settings page 49.

Save sent items

See SMS settings page 49.

Allow adverts

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

Emoticons

See SMS settings page 49.

Text size

See SMS settings page 49.

Max msg size

The size restriction affects only created MMS messages. It does not restrict the message download.

This setting is not available, if the **Creation mode** is set to **Free**.
If the limit is exceeded a warning is

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displayed or the creation is restricted depending on the current creation mode.

E-mail settings

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

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

Messages > **Message settings** > **E-mail**.

Activating an account

If an account is already configured: Select the account and press ⬭ to activate.

Deleting an account

Press ⊟ (**Options**) and select **Delete**.

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

Editing an account

Edit the account according to the information from your provider.

Press ⊟ (**Options**) and select **Edit**

User info

Your name:	Your name.
E-mail address:	Your e-mail address (name@domain.abc)
Reply-to address:	Additional e-mail address to use for replies.
User ID:	Your login name for the e-mail server.
Password:	Your password for the e-mail server.
SMTP user ID:	Your login name for the send server. Only if **SMTP authenticate:** is enabled in "Connection info" settings (page 53).
Send server password:	Only if **SMTP authenticate:** is enabled: Your password for the SMTP server.

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Connection info

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

Data service provider:	Select connection profile.
Receive server type:	Select **POP3**/**IMAP4**.
POP3 server:	If you want to use a POP3 server, enter the Internet address of the receive server. If you do not use a POP3 server you may leave the input field empty.
POP3 server port:	Enter the port number of the POP3 receive server (default: 110).
POP3 uses SSL/TLS:	Activate/deactivate encryption in communication with the POP3 server.
IMAP4 server:	If you want to use a IMAP4 server, enter the Internet address of the receive server. If you do not use a IMAP4 server you may leave the input field empty.
IMAP4 server port:	Enter the port number of the IMAP4 receive server (default: 143).
IMAP4 uses SSL/TLS:	Activate/deactivate encryption for communication with the IMAP4 server.
SMTP server:	Enter the Internet address of the send server.
SMTP server port:	Enter port number of send server (default: 25).
SMTP uses SSL/TLS:	Activate/deactivate encryption in communication with the send server.
SMTP authenticate:	Activate/deactivate authentication on the send server.

Msg preferences

Download mode:	Select **Only headers**/ **Full message**/**Ask user**.
Max msg size (KB):	Enter maximum e-mail size that is retrieved on the phone. For POP3 this value includes attachments, for IMAP it includes only the e-mail body.
Copy on serv.(POP3):	(Only POP3 accounts) Select **Yes**/**No**. If **No** is selected, the e-mail is deleted on the server when it has been downloaded to the phone.

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When del.ph. (POP3):	(Only POP3 accounts) Select Del. on server/ Leave on serv.. If Del. on server is selected, the e-mail is deleted on the server when it is deleted on the phone. IMAP4 accounts always delete e-mail on server when deleted on phone.
Save sent message:	Save a copy of the sent e-mails in the local Sent folder. To save sent e-mails on server you should set your own address as CC.
Include orig on reply:	Include the original text in the reply message or not.
Req. deliv. receipt:	A report is sent back when e-mail is delivered successfully.
Request read receipt:	A report is sent back when the recipient reads e-mail.

Add signature

Select No e-mail/New e-mail/All e-mails.

Create signature

Enter signature and confirm with .

CB settings

Messages > Message settings > Cell broadcast

Receive broadcasts

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

Cell info display

Select whether or not the local cell information should be displayed in standby mode.

Topic list

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

Press (Options).

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

Voice mail

(Network support dependent.)

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

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

Voicemail settings

Messages > Message settings > Voicemail

Voicemail no.:

Enter your voicemail number.

Notification

Activate and deactivate display of a message notifying of new voice mail entries.

Listening to voicemails

In standby mode press and hold 1 .

Or

Messages > Voicemail.

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Internet

Internet

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

The browser is activated with the preset option as soon as you call up the function. Settings may be specified/pre-assigned by the service provider.

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

BenQ-Siemens

Start the browser and display the official BenQ-Siemens portal.

Enter URL

Enter URL and confirm with .

Start the browser and display the entered Internet site.

Changing the prefix

1. Press (Options) and select **Prefix**.
2. Select a prefix or select **Custom** and enter prefix.

Bookmarks

Display the list of bookmarks stored in the phone.

Select the bookmark and confirm with to call up URL.

History

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

1. Press : select the history entry.
2. Press : call up the URL.

Settings

Multimedia

Choose whether or not to show/play images/sounds or download objects embedded on the Internet pages.

Images	Select **Show images/ Don't show**.
Sounds	Select **Play sounds/ Don't play**.
Objects	Select **Dwnld objects/ Don't dwnld**.

Press (Options) and select **Save**.

Look and feel

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

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

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

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

Press (**Options**) and select **Save**.

Security

Secure prompt
Display a security request when leaving a page with secure connection to enter a page that is non-secure.

ID cache Set whether or not the browser should store your user ID and password.

Cookies **Enable/Disable** cookies.

Link referral
Allow/Do not allow the current page to see previous URL.

Press (**Options**) and select **Save**.

Certificates

Display the list of stored certificates.

Current

Display the current certificate information.

Certificates list

1. Press to display the selected certificate information, e.g. serial number, algorithm, validity period.
2. Press (**Options**) and select **Enable/Disable** for the highlighted certificate.

WAP push

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

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

Lockout time
Enter lockout time.

Press (**Options**) and select **Save**.

Browser profiles

You can choose one of 5 browser profiles. A browser profile is a superset of an Internet profile, a connection profile, a startpage URL and the show/hide title region setting.

The current browser profile is marked.

Activate profile

Press to select a profile and confirm with .

Edit profile

Press (**Options**) and select **Edit**.

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Profile Name
Enter profile name.

Internet profile/Connection profile
Select profile (page 80).

Start page Set current URL as startpage for the profile.

Press (Options) and select **Save**.

Reset profile

Press (Options) and select **Reset profile**.

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

Browser options

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

Press (Options).

Prefix	Change URL prefix.
Display Mode	• **Normal Screen**: Web contents are displayed to fit the screen. • **Wide Screen**: Web contents are displayed exactly as they are arranged on the current page. • **Smart Screen**: The phone switches between the normal screen and wide screen according to the current web contents.
Forward	Load the following page in the current session, if there is one.
Back	Load the previous page in the current session, if there is one.
Home	Call up the preset homepage for the current profile.
Bookmarks list	Display the list of stored bookmarks.
Add bookmark	Add current page to bookmarks. Enter name and address and select whether to save the bookmark for offline browsing.
Update bookmark	(only if offline bookmark) Reload bookmark.
Enter URL	Enter the URL for direct link to an Internet address.
Save items	Show the list of items (images/sounds) of current page. Select **Save** from Options menu. Select save location and save selected item in **My stuff** folder.
History	Display recently visited pages.
Reload page	Reload the current page.

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Send link	Display the URL of the current page for sending via SMS/MMS/e-mail.
Information	Shows URL, type and size of the current page.
Privacy	Select the item to clear.
Set as start page	Set the current page as browser startpage.
Browser settings	Open browser settings (page 56).
About	Display information on browser, e.g. version.
For standard functions see page 17.	

Navigation in the browser

Select a link (if link is a phone number, initiate call).

If link is a phone number, initiate call.

(Back) Press to go back a page.

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

Tab through active content (links on page).

Ending a connection

Press and then (Yes) to end the connection and close the browser.

Your Internet browser is under license of:

OPENWAVE™ RSA SECURE

Download

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

You cannot download more than one content at the same time.

There are 3 categories of downloads:

- Web browsing.
- Open Mobile Alliance (OMA): Download of the media content that has associated digital rights. Normally you have to pay for the content. The Browser interacts with the DRM (page 16) while downloading.
- Download of Java applications: Java applications are decrypted and processed by the Java Application Manager (JAM). When you start the download, JAM is started automatically (see below).

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- An incoming call pauses the data connection. The download is resumed automatically after you reject or end the incoming call.
- If the downloaded content type is not supported, a request is displayed. Confirm if you want to continue the download.
- If you download an application you have to confirm the signer of the application before the download is started.
- When the download is completed, you can either continue browsing or open the downloaded content and use it (e.g. set picture as wallpaper, play sound/video).
- Downloaded content is listed in the corresponding folder in **My stuff** (page 72). You can select to save downloaded applications in the games or applications folder.

Java Application Manager (JAM)

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

Press ◯ to select the desired application.

Depending on the application selected, different options are available.

Press [−] (**Options**).

Select	Open the selected link.
Launch	Launch the selected application, that has been fully installed.
Open suite	Select MIDlet application from the MIDlet suite.
Move	Move the MIDlet application to another folder.
Attributes	Display the MIDlet application information, e.g.name/ version.
Security	Edit the security settings of the MIDlet application. Depending on the application you can set the access rights for the MIDlet on the phone.
Reinstall	Download and reinstall the MIDlet application (update).
Java settings	Select connection profile (page 80).
For standard functions see page 17.	

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Additional information

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

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Google

Google

Google Search

Start the browser and link to the **Google Search** portal, where you can enter key words to find your desired websites.

Google Maps

Google Maps is a downloadable application that incorporates driving directions, maps, and satellite imagery, enabling you to find the desired locations from your phone.

Before using the Google menu, be sure you have selected the correct Connection profile and Internet profile (page 80).

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Organiser

Organiser

Calendar

Organiser > Calendar

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

AM/PM or 24h display depends on your clock settings (page 84).

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

Daily view

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

One day forward/back.

One hour forward/back.

Edit/New event (page 63).

Birthdays are displayed with subject "Birthday" in a single hour slot at the day start time (page 63). If a birthday event is highlighted, press to open the contact.

Weekly view

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

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

Forward/back two hours through the day.

Display daily view for highlighted day.

Monthly view

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

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

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

Display daily view for highlighted day.

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Calendar options

Depending on the current view different functions are offered.

Press [–] (**Options**).

New event	Set up a new event (see below).
Edit event	Edit the highlighted event. (see below).
Delete event	Before deleting a repeating event: Select **This occurrence**/ **All occurrences**.
Daily/Weekly/ Monthly view	Switch to the daily/weekly/ monthly view.
Go to date	Enter the date and confirm.
Synchronise	Initiate synchronisation of the calendar (page 65).
Settings	Open the calendar settings (see below).
Delete events	Delete all events of the day/week/month. If there are repeating events, only the current event is deleted.
For standard functions see page 17.	

Calendar settings

Press [–] (**Options**) and select **Settings**.

Default repeat

Set the default repeat time frame for newly created events.

Default alarm mode

Set the default alarm time span for newly created events.

To set the ringtone see page 76.

Day start time

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

Week start day

Set the start day displayed in the weekly/monthly view.

New event/Edit event

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

Press [–] (**Options**) and select **New event**/**Edit event**.

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

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

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

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

Alarm:/Repeat:
You can change the alarm/repeat for the current event.

Press (−) (**Options**) and select **Save** to save the event.

If the time format **12-hour** is activated (page 84) press 2abc/ 7pqrs to switch between **am/pm** for start and end time.

Information on the alarm

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

Reset alarm

Press (−) (**Snooze**): Reset the alarm for 10 minutes.

End alarm

Press (−) (**Off**): Disable the alarm.

Launch calendar

Press ● : Launch the calendar and display the event.

An alarm sounds even when the phone is switched off (except the phone is switched off in alarms off mode, page 15).

Dictat. machine

Organiser 1 > **Dictat. machine**

Use the function to record short memos.

New recording

1. Select **Record new**
2. Select save location: Phone memory/Card.
3. Press ● or (−) (**Record**): Start recording.
4. Press ● : Pause/record.
5. Press (−) (**Done**): End recording.

The recording is saved in the **Sounds** folder in **My Stuff** (page 72).

An incoming call ends recording. The record is saved automatically.

Playback

1. Select recording.
2. Press ● : Playback/pause.
3. Press (−): (**Stop**): Stop playback.
4. To adjust volume press + / − .

Set as call ringtone

1. Select recording.
2. Press (−) (**Options**) and select **Set as call melody**.

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Time zones

Organiser 1 > Time zones

The world clock shows the current system time, the time zone (colour vertical bar on the map), the time zone name and the time in the selected city.

The time zone display can be changed:

1. Press : Select the time zone in the world map.
2. Press : Select a city in the selected time zone.
3. : Set time zone to the selected city and confirm change.

Time zone options

Press (Options).

Set time zone	Set the time zone to the selected city.
Auto time	Enable/disable automatic update of the time and the time zone.
Search city	Open the city list and select a city.

If you changed the time zone:

- The alarm clock is not affected.
- Calendar events are updated to the current time zone.

Synchronisation

Organiser 1 > Synchronisation

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

If you receive a update request via WAP push (page 47), you have to confirm the update to initiate it.

Remote sync

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

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

If you accept/establish a call during synchronisation, the synchronisation might be stopped depending on your network.

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Active profile

Select profile you want to use for synchronisation and press ● .

Edit profile

Press [−] (Options) and select Edit.

Provider: Select a service provider.

Proxy:

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

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

Username: Enter your login name.

Password: Enter your password.

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

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

HTTP authent.: Enable/disable HTTP authentication.

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

HTTP passwd: Enter your password when HTTP authent.: is active.

Restore defaults

Press [−] (Options) and select Restore defaults.

Sync mode

Data to sync: Select whether All data or only Modified data is to be transferred during synchronisation.

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

Apps to synchronise

1. Press ● to check/uncheck the data type to sync: Contacts, Calendar.
2. Press [−] (Done) to confirm.

Sync log

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

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Extras

Extras

SIM toolkit (optional)

(Network support dependent)

Extras > SIM toolkit

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

For further information, please contact your service provider.

My menu

Extras > My menu

Create your own menu with frequently used functions, phone numbers from the contact list or applications.

Using My menu

Select an entry and press ● to activate the function.

Or

If the selected entry is a phone number, Press ↶ to call it.

Change My menu

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

1. Select an entry.
2. Press ● or [−] (Change) to open the function list.
3. Select a function to assign to the entry and press ● or [−] (Select) to save the entry.
   If None is selected, the assignment is cleared from the list.
   If Assign speed dial is selected, the Contacts list is opened. Select a contact's phone number.

Alarm clock

Extras > Alarm clock

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

Set alarm

1. Select a day of the week and press ● .
2. Enter time.
3. Press ● or [−] (Save) to activate alarm.

If the time format 12-hour is activated (page 84) press 2abc / 7pqrs to switch between am/pm.

is displayed in standby mode when alarm is turned on.

Apply Alarm to every day

Apply the highlighted alarm time to every day of the week.

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Press (Options) and select Apply to every day.

End alarm

The alarm will ring at the set time, even when the ringtone or the phone is switched off (except the phone is switched off in alarms off mode, page 15).

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

Reset alarm

Press (Snooze): Stop the alarm tone, and reset it for 10 minutes.

The original time of the alarm is not changed.

End alarm

Press (Off): End alarm.

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

Calculator

Extras > Calculator

The calculator can be used in a basic version and with an advanced range of functions.

- Number keys: Enter digit(s).
- / : Navigate to functions.
- : Select function.

The result is calculated and displayed immediately.

Press (Options) to set:	
Basic mode	
+, -, *, /	Basic calculator types
=	Result
1/x	Reversion
%	Convert to percentage
.	Decimal point
±	Sign change "+"/ "–"
Extended mode	
$\sqrt{x}$	Square root
x^2	Square
e	Exponent
MS	Save displayed number
MR	Call up saved number
M+	Add current number to saved number

Unit converter

Extras > Unit converter

You can convert various amounts into other units.

Converting the units/currency

1. Press to select the desired measure type: length, temperature, currency, etc.
2. Press to switch to the input field.
3. Enter the quantity to be converted.

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4. Press to switch to the selection field.
5. Press to select the source unit/ currency.
6. Press to select the target unit/ currency. The result is displayed below.

Currency settings

When you call up the function, you must enter both source and target currencies as well as their exchange rate.

1. Enter source currency (e.g. euro) in the input field.
2. Press (Options) and select Save.
3. Scroll to the target currency field.
4. Press (Options) and select Add currency.
5. Enter target currency and exchange rate.
6. Press (Options) and select Save.

Sound recorder

Extras > Sound recorder

Same function as Organiser > Dictat. machine (page 64).

Stopwatch

Extras > Stopwatch

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

- Press : Start/Stop/Restart.
- Press (Lap): Save lap time. A lap is counted as the time between subsequent key presses.
- Press (Reset): Reset time to zero.

Media player

Media player

Or

In standby mode press .

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

Press : Select tab.

The media player contains files stored on the phone memory as well as on the Micro SD Card.

Music

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

- Playlists: Display configured/new playlists.

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- **Recent**: Display the 20 most recently played tracks (up to 25).
- **All**: Display all saved tracks sorted by track name.

Playback

Select the desired track/playlist and confirm with .

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

The media player offers the following functions during music playback:

- Playback/Pause.
- Press: Skip to previous/next track.
  Press and hold: Rewind/ fast forward within the current track.
- Set the volume.

- Once playback starts, press to send music to background.
- While the phone plays music in background, you can perform other functions as usual. To return to Media player screen press again.

Create new playlist

1. Select **Playlists**.
2. Select **<New playlist>**.
3. Enter the playlist name.
4. Press (**Options**) and select **Save**.

You can add/remove files and change the order within the playlist via the options menu (see Media player options).

Pictures

All files are listed with file name and size.

Display picture

Select the desired picture and press to display it.

The following functions can be applied to a displayed picture:

- Switch to full screen mode.
- Skip to previous/next picture.

Videos

Select the desired video and press to start playback.

The media player offers the following functions for video playback:

- Playback/Pause.
- Press and hold: Rewind/Fast forward.
- Switch full screen mode and normal view.
- Set the volume.

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Bookmarks

Play music/video directly from bookmarks.

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

Select the desired bookmark and press to start playback of music/video directly from the bookmark (live stream).

- You cannot pause an audio/video live stream.
- Incoming calls, alarms and events stop streaming.

Media player options

Press (Options).

Music file selected	
Add to playlist	Open list of all tracks. Select track(s) you want to add, then press Press (Options) and select Done. Select a new/existing playlist. The selected tracks are added.
Playlist selected	
Edit playlist	Select Remove tracks/Change order to remove tracks from the playlist or to change the order within the playlist.
Picture viewing	
Zoom in/ Zoom out	Zoom picture. Press / to navigate within the picture in zoom mode.
Fit to screen	If picture is zoomed, return to original sizing.
Slideshow	Start automatic flow through pictures of current folder. Jump to next/previous picture manually with navigation key. Slide show ends when all pictures in the folder are viewed. End manually with / .
Bookmark selected	
Settings	Select connection profile.
Further functions	
Play/Pause	Playback/Pause current file.
Full screen	Enter full screen mode.
History	Access a history comprising the last 10 files opened regardless of their type and their storage location. Streaming data is also included.

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New picture/ New video	Start camera in picture/ video mode to take another picture/record another video.(page 37).
New sound	Start Sound recorder (page 64).
Set as bookmark	Add to bookmarks list. (Only for streaming content)
For standard functions see page 17.	

My stuff

My stuff

You can use **My stuff** to organise your files in folders.

If the Micro SD Card is inserted, folders/files stored on it are organised on a separate tab. Files are managed the same way as files saved on the phone.

Select tab (phone memory/Micro SD Card). List of folders/files is displayed.

Select folder/file or link and confirm with .

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

Remember that pictures, sounds or applications may be protected (DRM, page 16).

Folder structure

Files are organised in folders. Predefined folders have already been created for different data types and cannot be changed.

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

You can add personal folders on the top level as well as subfolders. Personal

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folders are displayed behind the default folders.

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

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

Folder	Content	Formats (e.g.)
Sounds	MP3 tracks, ringtones, recordings.	mp3, aac+ m3u, mid, amr, wav
Pictures	Pictures.	bmp, jpg, jpeg, png, gif
Videos	Videos	3gp, H263, MPEG4
Themes	Load theme (packed) Theme configuration (unpacked). Select theme to activate it.	*
Appl.	Launch Java Application Manager and display list of saved applications.	*
Games	Launch Java Application Manager and display list of saved games.	jar, jad
Misc.	Files of media types that are not included in other folders, e.g. text modules, Internet pages. If you try to open a file of unknown type an error message is displayed.	e.g. html, wml

Depending on your provider the structure, content and functionality may differ.

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Options for organising folders

Press (Options).

View/Play	Start Media player and view/play selected file.
New folder	Create new folder on the current level.
Search	Enter file name/key word to search files. A list of results is displayed.
Move/Copy	Move/copy highlighted file(s) from the source folder.
Paste	Paste highlighted file(s) to the destination folder. Note that DRM protected items cannot be transferred to the Micro SD Card.
Assign to contact	Assign media file as ringtone/picture/video to a contact.
License manager	Start licence manager (see below).
For standard functions see page 17.	

License manager

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

If the selected file has no license:

1. Press (Yes) to start License manager anyway.
2. Select license.

Press (Options).

View license	Display license details.
Renew license	Open browser to URL of license server. Purchase new rights.
License search	Enter rights name to search for license.
Go to content / Downld content	Go to associated content file for specified license in according folder. If chosen content is not found on the phone or the Micro SD Card, you have to download content first. Load URL of content server.
Delete license	Remove license from phone. Confirm notification.

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Using the phone as card reader

Only available with the Micro SD Card inserted.

You can use your phone as a card reader to transfer files between the computer and the Micro SD Card.

1. Connect the phone to a computer via the USB cable.
2. When asked to activate **mass storage device**, press ● or [—] (**Yes**) to establish connection.
3. On the computer, double-click on the My Computer icon to open the My Computer panel, where a removable disk icon representing the storage capacity of the Micro SD Card is displayed.
   You can now use the phone as a card reader by copying/pasting/deleting files between the computer and Micro SD card.

When copying a file from your computer to the Micro SD Card, you must place the file in the folder intended for the type of file.
For example, an MP3 file must be placed in the MP3 folder in order to be successfully used in the phone.

Settings

Settings

Profiles

Settings > **Profiles**

Or in standby mode press
(default shortcut)

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

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

Bluetooth Car Kits do not support profiles, e. g. General, Silent, Meeting, Outdoor, Car kit, Headset.

Activating a profile

1. Select a default profile or a personal profile.
2. Press ● to activate profile.

Profile settings

Edit a default profile or create a new personal profile:

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1. Select profile.
2. Press (Options) and select Change settings.

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

Profile options

Press (Options).

Activate	Activate selected profile.
Change settings	Change profile settings.
Return to default	Set profile settings to default.
Copy from	Copy settings from another profile.

Headset

The special profile Headset is automatically set when an original headset is attached.

Ringtones

Settings > Ringtones

Volume

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

Voice calls/Video calls/ Calendar/Alarm clock

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

Melody

Select a sound file to use as ringtone.

1. Press (Change) and select melody from My stuff folder (page 72)
2. Confirm with (Change).

Tone

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

On/Off	Activate/deactivate melody specified above. You cannot turn off the alarm clock tone.
Beep	Set ringtone to beep.

Messages

Melody

Select a sound file to use as message alert tone.

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

Set alert tone used for the different types of messages.

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Game sounds/ Startup sound/ Shutdown sound

Activate/deactivate predefined sound effect for the selected function.

Themes

Settings > Themes

Load a completely new user interface in your phone. With the press of a key, various functions are re-organised based on a theme, e.g.

- switch on/off melody
- opening/closing melody
- additional animations

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

- When you select a theme all the components of the theme apply to the phone, e.g. ringtones, wallpaper. The existing settings might be overwritten.
- Subfolders within the theme folder are not supported. The theme might not be recognized.

Display

Settings > Display

Set Wallpaper/Logo

You can set pictures separately for following functions:

Wallpaper

Background image used on display in standby mode.

Logo

Graphic to be displayed instead of the provider logo.

To Set Wallpaper/Logo:

Press (Change) and select file from corresponding folder in My stuff (page 72), then confirm with (Select).

Screensaver

The screensaver is displayed when a specified time period has elapsed. An incoming call or pressing any key will end the function.

Style: Select style or deactivate the screensaver.

Timeout: Select standby time before screensaver is shown.

Auto key lock Activate/deactivate function to automatically lock the

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keys when screensaver is active.

Press [-] (Options) and select (Save) to save the screensaver.

Warning!

When the screensaver is manually set, talk/standby time is reduced dramatically.

Greeting msg

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

Backlight time

Set the backlight duration for the display.

Brightness

Press ◁ / ▽ to set the brightness level for the display.

Decreasing the brightness of the display extends the operating time of your phone.

Power save

Activate/deactivate power save mode. The standby time before the display goes into power save mode is fixed.

Vibration

Settings > Vibration

To avoid the disturbance caused by a ringing phone, you can activate the silent alert function as an alternative. The silent alert can also be activated in addition to the ringtone (e.g. in noisy environments).

Connectivity

Settings > Connectivity

Bluetooth®

Bluetooth is a short-range radio connection by means of which a headset or car kit or such can be connected without the need for wires.

Using the Send function in the options menu for the application concerned you can also use this route to send data.

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

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

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Bluetooth active

Activate/deactivate Bluetooth.

Bluetooth reduces the phone's standby time if it is activated.

is displayed when Bluetooth is activated.

File location

Select where the files are to be stored after being transferred via Bluetooth.

Search

Search for specific categories of devices or for all Bluetooth devices.

Found devices are displayed in a list (for list options see below).

If **Audio** is selected Headsets, Car kit and audio or video devices are listed.

Known devices

Display the list of known devices (max. 10 devices).

Last connected

Display the list of last 10 connected devices, including those that are currently connected.

Bluetooth name

Display device address. Enter the device name that is shown to other BT devices when they request this (see Bluetooth visibility).

If no name is entered, the device address is shown to other BT users (the device address cannot be changed).

Bluetooth visibility

The device address/name is shown or not to other BT devices if they request this in order to receive or send data.

On/Off	Activate/deactivate visibility.
Auto	Set visibility for 5 minutes, then visibility is disabled automatically.

Bluetooth device options

Depending on the current list (**Known devices** or **Last connected**), different functions will be offered.

1. Press to select a device from list.
2. Press (**Options**).

Trust/ Do not trust	Enter the password to trust the device or remove trust option of device. Trusted devices are added to the known list automatically and do not require the password to connect.
Connect/ Disconnect	Establish/end bluetooth connection to a known audio device. Only one audio device may be connected at a time.

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View details	Display the device details: Name:, Device type: and Address:.
Add to known list	Add the device to the known list.
New search	Start a new search.

Data counter

Display the data transfer information.

Connect.profiles

(Network support dependent)

Depending on your provider up to 25 profiles may be preset containing a collection of settings utilised by applications.

The following information is displayed and may be edited:

Profile name: Default/changed name.

APN: Access point name (URL).

Login: Your login name.

Password: Your password.

Authentication: Select authentication mode.

DNS 1 (opt):, DNS 2 (opt): The IP addresses of the used primary/secondary DNS server. DNS servers are used on the Internet to translate IP addresses into domain names and vice versa.

Your provider will supply you with your login and password.

Internet profiles

(Network support dependent)

Depending on your provider up to 25 profiles are preset containing a collection of settings utilised by applications.

The following information is displayed and may be edited:

Profile name: Default/changed name.

Type: Select profile type: HTTP/ WAP.

Security: Select security mode.

Proxy server: IP address or domain of the server used for Internet access.

Proxy port: Communication port of the server (1 to 65535). Commonly the setting is 80 or 8080 for HTTP and 9201 for WAP.

Login: Your login name.

Password: Your password.

Your provider will supply you with your login and password.

Linger time

(Network support dependent)

Depending on your provider you may be able to specify the linger time which will apply to all applications.

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Shortcuts

Settings > Shortcuts

You can assign one important number/function to each soft key, the navigation key (up, down, left, right) and the number keys 2 to 9. These keys can then be used as shortcuts to start functions/dial numbers (speed-dial numbers).

Setting a function shortcut

1. Select the desired key and confirm with .
2. Select shortcut function and confirm .

Setting a speed-dial key

To assign a number to a key select the **Assign speed dial** and then select the desired contact.

is predefined as the speed dial key for the voicemail number. You cannot change its function.

If no function is assigned, you can set a function if you

- press and hold the number key in standby mode and confirm request.
- press the soft key and navigation key briefly.

Start function/call number using shortcuts

- Press the corresponding soft key and navigation key briefly to start the function.
- Press and hold a corresponding number key to start the function/dial number.

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

The left soft key may sometimes be replaced automatically by **View** to access a new message for example.

Call setup

Settings > Call setup

Hide ID

(Network support dependent)

When you make a call, your number can be shown on the display of the called party or suppressed.

Default	Set to default.
On/Off	Activate/deactivate display of the number for all subsequent calls.
Next call only	Activate/deactivate display of the number just for next call.

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The setting applies to voice and video calls.

Call waiting

(Network support dependent)

If you are registered for this service, set call waiting.

You will hear the call waiting tone during a call when there is another call waiting.

Diverts

(Network support dependent)

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

Divert video calls/Voice calls

1. Select call type.
2. Select **Set**.
3. Enter the number to divert to. Or Press [ ] (**Options**) and select **Contact** to choose a contact's number.

Divert other call types: All calls/Data/Fax/Messages

1. Select **Set**.
2. Enter the number to divert to. Or Press [ ] (**Options**) and select **Contact** to choose a contact's number.

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

All calls

All calls are diverted (is displayed when activated).

Unanswered

A call is diverted in the following situations: **Not reachable**, **No reply**, **Busy**.

Not reachable

A call is diverted if the phone is switched off or is out of range.

No reply

A call is only diverted after a delay that is determined by the network.

Busy

A call is diverted if another call is in progress.

Fax

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

Data/Messages

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

Any key answer

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

Auto redial

If a call you make is not answered, the phone will automatically redial that call.

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Video calls

Specify the additional settings for video calls.

Show my image

If the function is activated, your video image is always transmitted to the caller during a video call.

If the function is deactivated, you can choose whether or not to send the video image when you receive an incoming video call.

Select image

If you do not want to transmit your video image to the caller (**Show my image** is deactivated), you can select a video mute picture that is shown instead.

1. Press (**Change**) to change setting.
2. Select a picture from **My stuff** (page 72) folder and confirm with (**Select**).

Display call timer

Display the call timer during a voice/video call.

Phone

Settings > **Phone**.

Language

Set the language of the display text.

Display language

Show the currently set display language. When **Automatic** is set, the language of your home service provider is used.

Input language

Select a language for text entry. Languages with T9 support are marked with the **T9** symbol. When **Automatic** is set, the input language is based on the display language.

If a language that you do not understand happens to be set, the phone can be reset to the language of your home service provider with the following input (in standby mode): *** # 0 0 0 0 #**

T9 mode

Set T9 (intelligent text entry) or the multi-tap (ABC) as default text entry method for most of the text entry items.

Key tones

Set the tone that is played when pressing keys.

Info tones

Activate/deactivate the service and alarm tones.

File system

Format card

Format the Micro SD card and delete all saved data.

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Eject card

To protect your files stored on the Micro SD card from being accidentally deleted, you can select this function before removing the card.

When activated, the Micro SD card will not be detected even if it is already inserted in the phone.

Memory assistant

Works the same way as **My stuff** (page 72), listing all saved folders and files in phone memory and on Micro SD Card.

Phone identity

Switch between tabs to display the phone identity number (IMEI), the software configuration or start a Device check.

The IMEI number may be useful for customer service.

Device check

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

To start the Phone identity feature in standby mode, press * # 0 6 #.

Device manager (DM)

With the device manager you can start and control software updates. You can set server profiles for the update.

Sessions can be initiated in different ways.

- Manual session: You start the DM session via this menu option.
- Software update: The phone checks the software status each time it is switched on. If an update is available a request is displayed. Confirm the requests to start the software update and to re-boot your phone.

If you want to start a session the battery must be charged at least 50%.

The phone default settings vary from service provider to service provider.

Master reset

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

To reset the phone in standby mode press * # 9 9 9 9 #.

Clock

Settings > **Clock**

Time/Date

Enter time (hours/ minutes) or date (day/ month/year) and confirm with .

If **Auto time** is activated (page 85), the network time is displayed.

If the 12-hour time format is activated in **Time format**, press 2 abc / 7 pqrs to switch between am/pm.

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Time zone

The same function as **Organiser** > **Time zones** (page 65).

Time format

Set the 24-hour/12-hour format for time used in various applications.

Date format

Set the display format for date.

Show clock

Set the time and date display in standby mode.

Auto time

If you activate auto time, the time zone is switched automatically to local time by the network.

Security

Settings > **Security**

Auto key lock

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

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

Only protect. SIM

(PIN2 or phone code protected)

Dialling options are restricted to the SIM protected numbers in the contacts.

PIN codes

See page 19.

This SIM only

(PIN2 or phone code protected)

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

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

Barrings

(Network support dependent)

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

All outgoing

All outgoing calls except emergency numbers are barred.

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Outg. internat.

(International outgoing)

Only national calls can be made.

Outg. int. x home

(International outgoing without home country)

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

All incoming

The phone is barred for all incoming calls.

When roaming

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

Status check

Check the status of selected or all call type(s).

Clear all

All barrings are deleted.

License manager

Start the License manager to view/edit license information of all saved files.

Downld prompt

Enable or disable a content download notification.

Network

Settings > Network

Network info

Retrieve information about the network operator currently set.

Choose network

Start network search. This is useful if you are not in your home network or want to register in a different network.

The list of networks currently available is displayed.

Auto network

If you activate this function, the phone searches automatically for the available network. Otherwise you can select a different network manually from the network list.

Preferred network

Display a list of preferred networks. Customise the list by changing entries.

Mode selection

(Network support dependent)

Select the preferred network mode.

Fast search

If you activate this function, network reconnection is speeded up (standby time is reduced).

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Data con. auto attach

If activated, the phone will register for the designated GPRS/UMTS packet service network when it is turned on.

If deactivated, the phone will register for the designated GPRS/UMTS packet service network only when you start the browser.

Accessories

Settings > Accessories

Car kit

The **Car kit** profile is activated automatically as soon as the phone is connected to the car kit.

Edit profile

To edit the **Car kit** profile see Profiles, page 75.

Auto answer

Voice and video calls are accepted automatically after a few seconds.

Key assignments

(only for Car kit)

You can assign new functions to keys on the car kit.

Headset

If an original headset is used, the **Headset** profile is automatically activated when the headset is plugged in.

Edit profile

To edit **Headset** profile see Profiles, page 75.

Auto answer

Voice and video calls are accepted automatically after a few seconds.

Charge via USB

The phone is charged via USB when connected to a computer via USB cable.

Mass storage

See **Using the phone as card reader**, page 75.

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Mobile Phone Manager

MPM (Mobile Phone Manager) enables you to use extended phone functions from your PC. The phone and PC communicate via a data cable or Bluetooth. MPM offers you a wide range of functions.

If you wish, the software can automatically take over such routine tasks as synchronising your contacts, downloading the latest photos you have taken, or updating your music files.

MPM makes managing your music and sound files, ring tones and videos effortless. With a mouse click you can transfer the entire contents of a music CD to your phone in the form of space-saving AAC or MP3 files, maintaining first-class quality.

With MPM you can easily and conveniently edit your photos, pictures and wallpaper logos and add a wide variety of effects.

Mobile Modem Assistant enables you to use your phone conveniently and easily as a modem both at home and when travelling.

With Phone Explorer you can access the files in your phone as if it was simply another folder in your PC.

MPM, a detailed user guide and online help are contained on the CD enclosed with this phone.

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Questions & Answers

If you encounter problems while using the phone, or if it performs erratically, you can consult the information in the chart below. If your particular problem cannot be resolved using the information in the chart, contact the dealer where you purchased the phone.

Problem	Possible causes	Possible solution
Poor reception	The network signal is too weak at your current location, for example, in a basement or near a tall building, because wireless transmissions can not effectively reach it.	Move to a location where the network signal can be properly received.
	The network is busy at the current time (for example, during peak times, there may be too much network traffic to handle additional calls).	Avoid using the phone at such times, or try again after waiting a short time.
	You are too far away from a base station for your service provider.	You can request a service area map from your service provider.
Echo or noise	Poor network trunk quality on the part of your service provider.	Press the End key and dial again. You may be switched to a better-quality network trunk or phone line.
	Poor local telephone line quality.	Press the End key and dial again. You may be switched to a better-quality network trunk or phone line.
Battery will not charge.	The battery or battery charger is damaged.	Contact the dealer.
	The phone's temperature is below 0 °C (+32 °F) or higher than +50 °C (+122 °F).	Adjust the battery charging environment to avoid extremes of temperature.
	Poor contact between the battery and charger.	Check all connectors to make sure all connections have been properly made.

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Problem	Possible causes	Possible solution
Shortened standby time	The standby time is related to your service provider system configuration. The same phone used with different service providers' systems will not provide exactly the same length of standby time.	If you are located in an area where signalling is weak, temporarily switch off the phone.
	The battery is depleted. In high-temperature environments, battery life will be shortened.	Use a new battery.
	If you are not able to connect to the network, the phone will continue to send out signals as it attempts to locate a base station. Doing so consumes battery power and will consequently shorten standby time.	Change your location to one where the network is accessible, or temporarily turn off your phone.
You cannot switch your phone on.	Battery power has been depleted.	Recharge the phone's battery.
SIM card error	SIM card malfunction or damage.	Take the SIM card to your service provider for testing.
	SIM card inserted improperly.	Insert the SIM card properly.
	Debris on the SIM card contacts.	Use a soft, dry cloth to clean the SIM card contacts.
Unable to connect to the network.	SIM card invalid.	Contact your service provider.
	You are not within the network's service area.	Check the service area with your service provider.
	Poor signal.	Move to an open space, or if you are inside a building, move closer to a window.
You cannot answer incoming calls.	You have activated the **Call Barring** feature.	Go to **Settings** > **Security** > **Barrings**, and then select **Clear All**.

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Problem	Possible causes	Possible solution
You cannot make outgoing calls.	You have activated call barrings.	Go to **Settings** > **Security** > **Barrings**, and then select **Clear All**.
	Charge limit reached.	Reset limit with PIN2.
PIN Code is blocked.	You have entered an incorrect PIN code three consecutive times.	Contact your service provider. If the service provider provides the SIM card's PUK code, use the PUK code to unlock the SIM card.
Unable to add contacts to the Phone.	Memory for contacts is already full.	Delete unnecessary contact information from the Phone.
Unable to select certain features.	Your service provider does not support these features, or you have not applied for services that provide these features.	Contact your service provider.

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Care and maintenance

Your phone has been designed and manufactured to the highest of standards and should be treated with great care. The suggestions below will help you to enjoy your phone for many years.

- Protect your phone from moisture and humidity. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits. Should your phone become wet, disconnect it immediately from the power supply to avoid electric shock. Do not place your phone (even to dry it) on/in a source of heat such as a microwave oven, oven or radiator. The phone may become overheated and possibly explode.
- Do not use or store the phone in dusty, dirty areas. Its moving parts may be damaged and the casing may become deformed and discoloured.
- Do not store your phone in hot environments (e.g. vehicle instrument panel in the summer). High temperatures can shorten the life of electronic devices, damage batteries and warp or melt certain plastics.
- Do not store your phone in cold environments. When the phone warms up again (to its normal ambient temperature), moisture can form inside the phone, which may damage electronic circuit boards.
- Do not drop, knock or shake your phone. Rough handling can damage internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone.
- The phone has better protection against splashes, dust and knocks if the supplied seals are used.

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 statement

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.

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Product data

Declaration of conformity

Hereby, BenQ Mobile, declares that this E81 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The relevant declaration of conformity (DoC) has been signed. Please call the company hotline if you require a copy of the original or visit: **www.BenQMobile.com/conformity**

CE 0168

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.

Lost phone

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

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Weight data

Weight phone: 89g.

Weight charger: 75g.

Weight battery: 19.2g.

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SAR

European Union (R&TTE) and international (ICNIRP)

INFORMATION ON RF EXPOSURE / SPECIFIC ABSORPTION RATE (SAR)

THIS MODEL MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and was adopted into the European Standard EN 50360 and into other national standards. The CE mark demonstrates that the EU requirements are met.

The highest SAR value for this device when tested at the ear was **1.13 W/kg**[1]. As mobile devices offer a range of functions, they can be used in positions other than the head, such as on the body. In this case, a separation distance of **1.5 cm** is required.

As SAR is measured utilizing the device's highest transmitting power, the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you nevertheless want to reduce your exposure then you can do so by limiting the length of calls or using a 'hands-free' device to keep the mobile phone away from the head and body.

Additional Information can be found on the websites of the World Health Organization (**www.who.int/emf**) or BenQ Mobile (**www.BenQMobile.com**).

Maximum SAR measurement for FCC requirements

Head: **0.477 W/kg** (1g)

Body: **0.116 W/kg** (1g)

1 The tests are carried out in accordance with international guidelines for testing.

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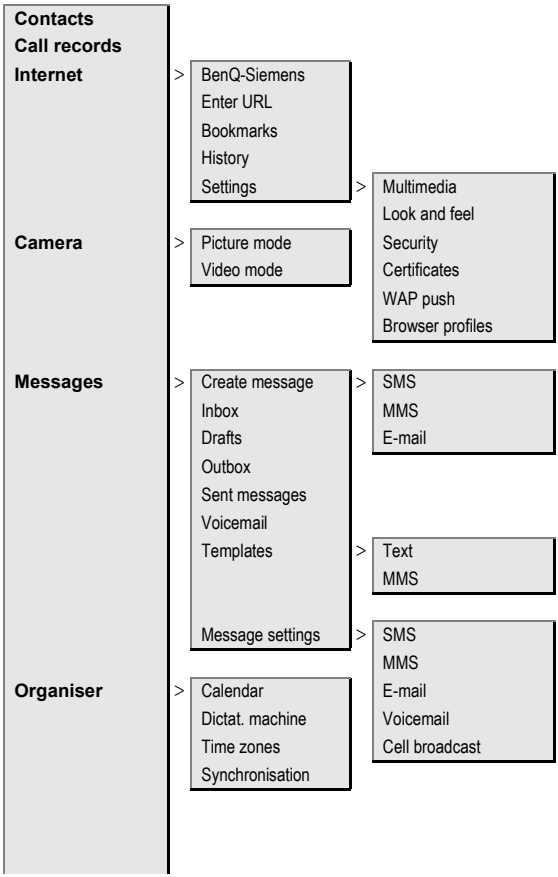
Menu tree



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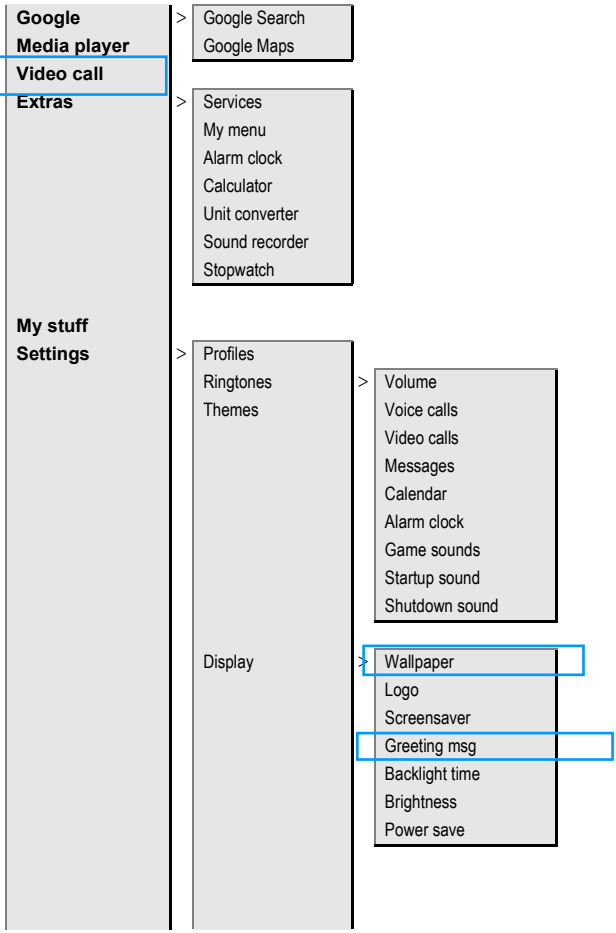

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- **Settings** >
  - Vibration >
    - Off
    - Standard
    - Helicopter
    - UFO
    - Shock
    - Mosquito
    - Train
  - Connectivity >
    - Bluetooth
    - Data counter
    - Connect.profiles
    - Internet profiles
    - Linger time
  - Shortcuts >
    - Left soft key
    - Right soft key
    - Navigation keys
    - Number keys
  - Call setup >
    - Hide ID
    - Call waiting
    - Diverts
    - Any key answer
    - Auto redial
    - Video calls
    - Display call timer
  - Phone >
    - Language
    - T9 mode
    - Key tones
    - Info tones
    - File system
    - Phone identity

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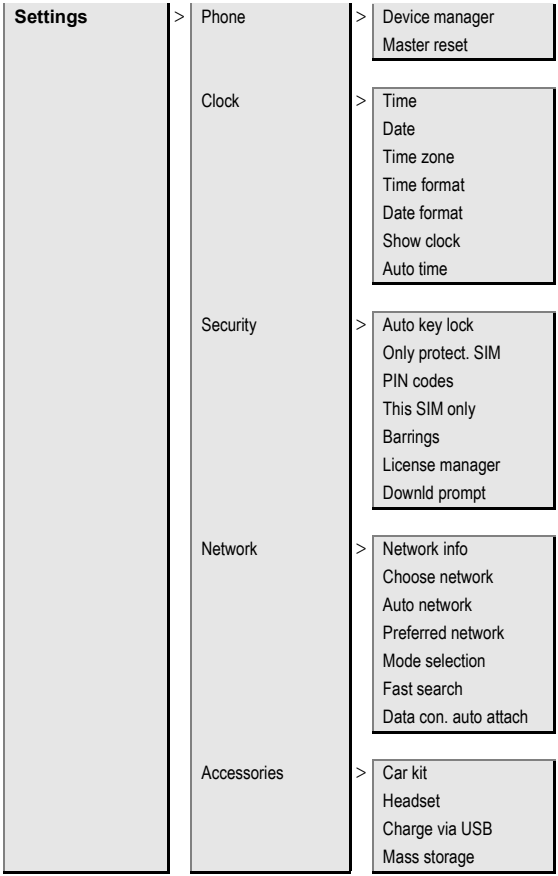

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