

User's Guide for Nokia 3315

List of menu functions

1. Phone book



1. Search
2. Service Nos.¹
3. Add name
4. Erase
5. Edit
6. Assign tone
7. Send b'card
8. Options
 1. Type of view
 2. Memory status
9. Speed dials
10. Voice tags

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1. Ringing tone
2. Ringing volume
3. Incoming call alert
4. Composer
5. Message alert tone
6. Keypad tones
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9. Screen saver

1. Shown only if supported by your SIM card.

2. The amount and names of sets may vary. Each set appears in its own submenu.

3. The shortcut number depends on the amount of available sets.

6. Settings



1. Call settings
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 3. Call waiting options
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6. Auto update of date and time

12. Profiles



13. Pict. editor



14. SIM services⁴



1. Shown only if supported by your SIM card.

2. Shown only if the phone is or has been connected to the PPH-1 handsfree car kit or the HDC-5 headset.

3. Shown only if the phone is or has been connected to the PPH-1 handsfree car kit.

4. The availability, name and contents depend on the SIM card used.

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Issue 1

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FOR YOUR SAFETY

Read these simple guidelines. Breaking the rules may be dangerous or illegal. Further detailed information is given in this manual.



Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.



ROAD SAFETY COMES FIRST

Do not use a hand-held phone while driving.



INTERFERENCE

All wireless phones may get interference, which could affect performance.



SWITCH OFF IN HOSPITALS

Follow any regulations or rules. Switch the phone off near medical equipment.



SWITCH OFF IN AIRCRAFT

Wireless devices can cause interference in aircraft.



SWITCH OFF WHEN REFUELLING

Do not use the phone at a refuelling point. Do not use near fuel or chemicals.



SWITCH OFF NEAR BLASTING

Do not use the phone where blasting is in progress. Observe restrictions, and follow any regulations or rules.



USE SENSIBLY

Use only in the normal position. Do not touch the antenna unnecessarily.



QUALIFIED SERVICE

Only qualified personnel may install or repair phone equipment.



ACCESSORIES AND BATTERIES

Use only approved accessories and batteries. Do not connect incompatible products.



WATER-RESISTANCE

Your phone is not water-resistant. Keep it dry.



BACKUP COPIES

Remember to make backup copies of all important data.






CONNECTING TO OTHER DEVICES

When connecting to any other device, read its user's guide for detailed safety instructions. Do not connect incompatible products.





CALLING

Ensure the phone is switched on and in service. Enter the phone number, including the area code, then press  (**Call**). To end a call, press  (**End**). To answer a call, press  (**Answer**).



EMERGENCY CALLS

Ensure the phone is switched on and in service. Press  as many times as needed (e.g. to exit a call, to exit a menu, etc.) to clear the display. Enter the emergency number, then press  (**Call**). Give your location. Do not end the call until told to do so.

Network Services

The wireless phone described in this guide is approved for use on the EGSM 900 and GSM 1800 networks.

Dualband is a network dependant feature. Check with your local service provider if you can subscribe to and use this feature.

A number of features included in this guide are called Network Services. These are special services that you arrange through your wireless service provider. Before you can take advantage of any of these Network Services, you must subscribe to them through your service provider and obtain instructions for their use from your service provider.



Note: Some networks may not support all language-dependent characters and/or services.

About accessories

Check the model number of any charger before use with this device. This device is intended for use when supplied with power from ACP-7, ACP-8, LCH-9, and DCV-10.



Warning! Use only batteries, chargers and accessories approved by the phone manufacturer for use with this particular phone model. The use of any other types will invalidate any approval or warranty applying to the phone, and may be dangerous.


For availability of approved accessories, please check with your dealer.

When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.

General information

■ Stickers on the sales package




The stickers contain important information for service and customer support purposes. Keep these stickers in a safe and secure place.

Attach the  sticker to Your Details of this user's guide.

■ Access codes

The following access codes allow you to avoid unauthorised use of your phone and SIM card.

- **Security code:** Protects your phone against unauthorised use. This code is supplied with the phone. The preset code is 12345. Change the code and set the phone to request it using the *Change access codes* and *Phone security* functions of the Security settings menu (see page 23). Keep the new code in a safe and secure place, separate from the phone.
- **PIN code:** This code, supplied with the SIM card, protects the card against unauthorised use. If the *PIN code request* function of the Security settings menu (see page 23) is activated, the code is requested when the phone is switched on.


If you enter an incorrect PIN code three times in succession, the SIM card is blocked. Key in the PUK code and press  (OK). Key in a new PIN code and press  (OK). Key in the new code again and press  (OK).





- **PIN2 code:** This code is supplied with some SIM cards and is required to access some functions, such as charging unit counters. If you enter an incorrect PIN2 code three times in succession, you are asked for the PUK2 code.
- **PUK and PUK2 code:** These codes may be supplied with the SIM card. If this is not the case, contact your local service provider.


1. Getting started





■ Keys

The basic functions of the phone keys are described below. More information is given throughout this user's guide.

Power key  (on top of the phone): Press and hold this key to switch the phone on or off. In standby mode, press this key briefly to show the list of profiles, which allows you to quickly set the phone tones for different environments. In a menu function, press this key briefly to turn on the lights for 15 seconds.

Scroll keys  and : Press  in standby mode to show the names and phone numbers saved in the phone book. Press  in standby mode to show the list of most recently dialled numbers. In the menu functions, press these keys to browse through the menus and settings. During a call, press these keys to adjust the earpiece volume.

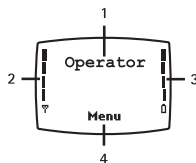
Clear/exit key : When you are keying in a name or number, press this key to delete the character to the left. In the menu functions, press this key to return to the previous menu level or press and hold this key to exit the menu. When you receive a call, press this key to reject the call.


The function of the **Nokia Navi™ key** () depends on the text shown above it. In this user's guide, the  symbol is followed by the guiding text relating to its current function, e.g.  (**Menu**) or  (**Select**).

■ Display and standby mode










The indicators described below are shown when the phone is ready for use, with no characters keyed in by the user. The phone is said to be in 'standby mode'.

1. Indicates in which cellular network the phone is being used.



2. Shows the signal strength of the cellular network at your current location.
3. Shows the battery charge level.
4. Shows the current function of the Nokia Navi™ key ()

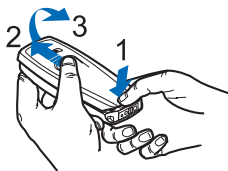
Other essential indicators

-  You have received a text or picture message.
-  The phone does not ring or beep when you receive a call.
-  The keypad is locked.
-  The alarm clock is on.
-  The timed profile is in use.
-  All your calls are diverted.
-  Your calls are limited to a closed user group.
-  The countdown timer is running.
-  The stopwatch is running.

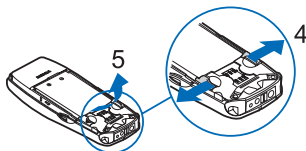
■ Inserting a SIM card

- Keep all miniature SIM cards out of the reach of small children.
- The SIM card and its contacts can easily be damaged by scratches or bending, so be careful when handling, inserting or removing the card.
- Before installing the SIM card, always make sure that the phone is switched off and then remove the battery.

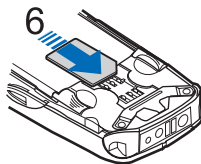
1. Press the locking catch (1), slide the cover (2), and lift it off the phone (3).



2. Push the two catches in the opposite directions (4), and remove the battery (5).

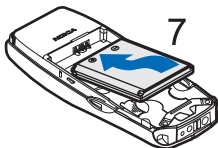


3. Slide the SIM card carefully into the SIM card slot (6).

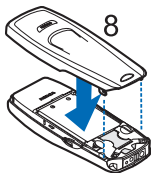


Make sure that the golden connectors on the card are facing downwards and that the bevelled corner is on the left.

4. Align the golden connectors on the battery with the corresponding connectors on the phone, and push the opposite end of the battery until it snaps into place (7).



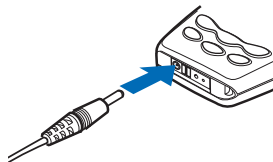
5. Insert the two catches of the back cover in the corresponding slots in the phone (8), and slide the cover towards the bottom of the phone until it locks into place (9).



■ Charging the battery

- Do not charge the battery when one or both of the phone covers is removed. See also "[Battery statements](#)" on page 32.

1. Connect the lead from the charger to the bottom of the phone.



2. Connect the charger to an AC wall outlet. The battery indicator bar starts scrolling on the display.

- The phone can be used while charging if it is switched on.
- Charging the battery supplied with the phone may take up to six hours when using the ACP-7 charger.
- If **Not charging** is displayed, wait for a while, disconnect the charger, plug it in again and retry. If charging still fails, contact your dealer.

3. When the battery is fully charged, the bar stops scrolling. Disconnect the charger from the AC outlet and the phone.

■ Switching on or off

Press and hold the **Ⓜ** key for a second.



If the phone requests a PIN code or a security code:

Key in the code and press **Ⓜ** (OK). See "[Access codes](#)" on page [viii](#).



Warning! Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.



Note:

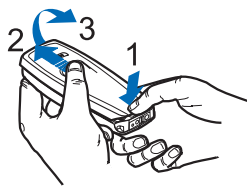
- Use the phone only with both covers mounted.
- Normal position: Hold the phone as you would any other telephone.
- **TIPS ON EFFICIENT OPERATION:** Your phone has a built-in antenna (see the grey area in the picture). As with any other radio transmitting device, do not touch the antenna unnecessarily when the phone is switched on. Contact with the antenna affects call quality and may cause the phone to operate at a higher

power level than otherwise needed. Not touching the antenna area during a phone call optimises the antenna performance and the talktime of your phone.

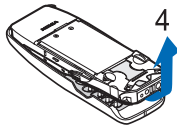


■ Changing the covers

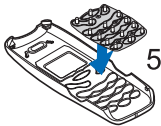
- Before changing the cover, always switch off the power and disconnect the phone from the charger or any other device. Always store and use the phone with the covers attached.
1. Press the locking catch (1), slide the cover (2), and lift it off the phone (3).



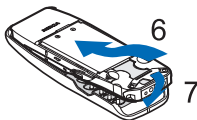
2. Gently pull the cover off the phone starting from the bottom of the phone (4).



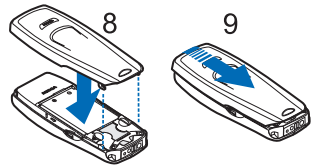
3. Insert the keypad mat in the front cover (5).



4. Align the top of the phone with the top of the front cover (6). Push the phone towards the cover until it locks into place (7).



5. Insert the two catches of the back cover in the corresponding slots in the phone (8). Slide the cover until it locks into place (9).



2. Basic functions

■ Making a call

1. Key in the area code and phone number using the keys to . If you make a mistake, press to delete the character to the left.

To call abroad: Press twice for the + character (replaces the international prefix) and key in the country code, area code (omit the leading 0 if necessary) and phone number.

2. Press (**Call**) and wait for the answer.

To adjust the volume: Press to increase or to decrease the earpiece volume.

3. Press (**End**) to finish the call (or to cancel the call attempt).

Calling a phone number saved in the phone book

In standby mode, press (**Menu**) and then (**Select**) twice. Key in the first letter of the name and press (**OK**). Scroll with or to the desired name (press and hold for the related number) and press (**Call**).



Quick find: Press in standby mode. Find the desired name and press (**Call**).

Calling a recently dialled number

To call one of the 20 phone numbers you have most recently called or attempted to call: Press in standby mode, scroll with or to the desired phone number or name, and press (**Call**).

Voice dialling

See "Voice tags" in phone book (Menu 01) on page 12.

■ Answering a call

In standby mode, press (**Answer**). To divert or reject the call, press .

■ In-call functions

During a call, press and then (**Options**) for the following functions (some of them are network services): *Mute / Unmute, Hold / Unhold, Send DTMF, New call, Answer, Reject, Swap, End active call, End all calls, Phone book.*


Use *New call* to make a new call that is in progress during a call (network service).

Use *Answer* to answer a new call that is in progress during a call (network service).

Use **Swap** to switch between the active and held call while you have two calls in progress.

Use **End active call** or **End all calls** to end the active call or both the active and held call while you have two calls in progress.

■ Listening to voice messages



In standby mode, press and hold  to call your voice mailbox. You can obtain the voice mailbox number from your service provider.

To save the voice mailbox number, see "**Voice mailbox number (Menu 2-9)**" on page 18.

■ Locking the keypad



You can lock the keypad to avoid accidental keypresses, for example, when the phone is in your handbag.

To turn the lock on or off:


In standby mode, press  and then  quickly.

You can also set the phone to lock the keypad automatically after a certain time. See "**Keylock settings (Menu 6-5)**" on page 25.






When the keypad is locked:

The indicator  is shown. To answer a call, press  (**Answer**). During a call, the phone can be operated normally. When you end or reject a call, the keypad will be automatically locked. The HDC-5 headset can be used normally.







Note: When Keypguard is on, calls may be possible to the emergency number programmed into your phone (e.g. 112 or other official emergency number). Key in the emergency number and press  (**Call**). The number is displayed only after you have keyed in its last digit.

■ Saving a phone number in the phone book


In standby mode, press  (**Menu**) (*Phone book* is displayed) and then  (**Select**). Scroll to *Add name* and press  (**Select**). Key in the desired name (see "**Writing text**" on page 8) and press  (**OK**). Key in the area code and phone number, and press  (**OK**).





Quick save: In standby mode, key in the phone number. Press  or  and then  (**Save**). Key in the name and press  (**OK**).

■ Writing text


You can key in characters in two ways: by pressing a letter key once for each character (predictive text input) or by pressing a letter key one or more times for each character (traditional text input).

To exit from text input to standby mode, press and hold  twice.






Alternatively: Press  (Options), scroll to *Exit*, and press  (OK).


By pressing a key once for each character (predictive text input)












Predictive text input is a fast way to write, for example, text messages (see page 14) and reminder notes (see page 27).





This input method uses a dictionary built into the phone. To use this input method, check that  is shown at the top of the display.


1. Write the desired word by pressing each key once for one letter.

For example, to write 'Nokia', press     .

- To delete a character to the left, press . To clear the screen, press and hold this key.


- To switch between letter cases, press  repeatedly and check the indicator at the top of the display. For example, abc is shown when you can write lower case letters.
 - To insert a punctuation mark, press  and then  repeatedly until the desired punctuation mark is displayed.
 - To insert a special character: Press and hold , scroll to the desired character, and press  (Use).
 - To insert a number, press and hold the desired number key. To insert several numbers, press and hold  and key in the numbers.
 - To use traditional text input, press  twice. To return to predictive text input, press  twice.
2. If the displayed word is the one that you want, press  (a space is inserted) or  and start writing the next word.
 - If you want to change the word, press  repeatedly until the desired word appears.

- If the ? character is shown after the word, no more words in the dictionary correspond to your keypresses. To add the word into the dictionary: Press  (**Spell**), key in the word using traditional text input and press  (**OK**).
 - If you want to change the previous word, press  to select it and edit it.
3. If the text **Options** is shown above , you can access the following options by pressing this key:


Matches: Shows a list of words that correspond to your keypresses. Scroll to the desired word and press  (**Use**).

Insert word: You can key in a word using traditional text input and add it to the dictionary.


Insert number: You can key in numbers by pressing each number key once.

Insert symbol: You can select a special character from a list. Scroll to the desired character (such as %) and press  (**Use**).


Writing compound words

Write the first half of the word, press , and then write the second half.


Selecting a dictionary for predictive text input



Enter the *Write messages* menu (Menu 2-1) and press  (**Options**). Select *Dictionary* and then the desired language.





Turning predictive text input off








Enter the *Write messages* menu (Menu 2-1) and press  (**Options**). Select *Dictionary* and then *Dictionary off*.

By pressing a key one or more times for each character (traditional text input)



To use this input method, check that  is shown at the top of the display.

Press a key ( to ) one or more times until the desired character is displayed. Not all available characters are printed on the keys. The characters available depend on the *Language* setting chosen in "Phone settings (Menu 6-2)".






- To insert a space, press .
- To add a punctuation mark or a special character, press  repeatedly. Alternatively: Press , scroll to the desired character, and press  (**Use**).

- To move the cursor left or right, press  or  respectively.
- To delete the character to the left, press . To clear the screen, press and hold this key.
- To switch between upper and lower case, press  quickly.
- To add a number, press and hold the desired key. To switch between letters and numbers, press and hold .
- To key in a letter that is under the same key as the previous one, press  or  (or wait for one second) and key in the letter.

■ Speed dialling

Speed dialling is an easy way to call a phone number that you have assigned to the key  to . To assign a phone number to a number key, see *Speed dials* in "Phone book (Menu 01)" on page 12.

To make a call using speed dialling:









- **Either:** In standby mode, press a number key ( to ) and then  (**Call**).
- **Or:** If the *Speed dialling* function in the *Call settings* menu (see page 22) is activated, press and hold a number key ( to ) in standby mode until the call is started.

3. Menu functions

The phone offers a range of functions that allow you to tailor the phone to your needs. These functions are arranged in menus and submenus.


■ Accessing a menu function

By scrolling



1. Press  (**Menu**) in standby mode.
2. Press  or  to scroll to the desired main menu, for example *Settings*, and press  (**Select**) to enter it.
3. If the main menu contains submenus, scroll to the desired one (for example *Call settings*), and press  (**Select**) to enter it.
4. Scroll to the desired function (for example *Speed dialling*) and press  (**Select**) to enter it.
5. Scroll to the desired setting (for example *Off*) and press  (**OK**) to confirm it. If you do not want to change the setting, press .

By shortcut number

The menus, submenus and setting options are numbered and can be accessed by keying in the appropriate shortcut number. This number is shown on the top right of the display.

- Press  (**Menu**) in standby mode. Within three seconds, key in the shortcut number of the main menu you want to access (repeat this for a submenu). Within three seconds, key in the shortcut number of the desired function and setting option.

■ Exiting a menu function

You can return to the previous menu level by pressing  or exit the menu by pressing and holding  twice.

■ Phone book (Menu 01)





In this menu you can manage the names and phone numbers saved on the SIM card.




To access this menu: In standby mode, press (Menu) and then (Select).

To access this menu during a call, press to change the text above to **Options**, press (Options), and select *Phone book*.

- **Search:** You can recall the desired name and phone number from the phone book for example for calling. See "[Calling a phone number saved in the phone book](#)" on page 6.
- **Service Nos.:** You can call the service number of your service provider saved in your SIM card.
- **Add name:** You can save a name and phone number in the phone book (see also "[Saving a phone number in the phone book](#)" on page 7).
- **Erase:** You can delete names and phone numbers from the phone book one by one or all at once.
- **Edit:** You can modify the saved names and phone numbers. Scroll to the desired name or phone number and press (Edit). Edit the name and press (OK). Repeat this with the number.
- **Assign tone:** You can set the phone to play the desired ringing tone when you receive a call from a particular phone number. Scroll to the caller's name or phone number, press (Assign), and select the desired ringing tone.
- **Send b'card:** You can send a name and phone number to a compatible phone. Scroll to the desired name or phone number, press (Send), key in the recipient's name or phone or search it from the phone book, and press (OK).
- **Options - Type of view:** You can select how the saved phone numbers and names are shown.
- **Options - Memory status:** You can check how many names and phone numbers can still be saved and are currently saved in the phone book.
- **Speed dials:** You can set the desired number key (2abc to xyz9) to work as a speed dialling key. Scroll to the desired key and press (Assign). Scroll to the desired a name or phone number and press (Select). To view, change, or delete an assignment you have made, scroll to the desired key, press (Options) and select the desired function. To make a call using speed dialling, see page 10.

- **Voice tags:** You can dial a phone number by saying one or more words ('voice tags'), for example a name, attached to it. Up to eight phone numbers in the phone book can have a voice tag at the same time. You can also listen to, change, or erase the recorded voice tags.

To record a voice tag: Select **Add voice tag**, scroll to the desired name or phone number, and press  (**Add voice tag**) and then  (**Start**). Say clearly the word(s) you want to record as a voice tag.

To make a call using a voice tag: In standby mode, press and hold  (**Menu**). Say the desired voice tag clearly. The phone plays the voice tag and dials the related phone number. If no match for the voice tag is found or recognised, press  (**Yes**) to say the voice tag again or  to return to standby mode. If you use the HDC-5 headset, press and hold the headset button until you hear a short tone and say the voice tag clearly.

When using voice dialling, note the following:

- Voice tags are not language dependent. They are dependent on the speaker's voice.
- Voice tags are sensitive to background noise. Record them and make calls in a quiet environment.
- When recording a voice tag or making a call by saying a voice tag, hold the phone in the normal position near to your ear.
- Very short names are not accepted. Use long names and avoid similar names for different numbers.
- Voice tags are saved in the phone and are removed when you insert another SIM card into the phone.



Note: You must say the name exactly as you said it when you recorded it. This may be difficult in, for example, a noisy environment or during an emergency, so you should not rely solely upon voice dialling in all circumstances.

■ Messages (Menu 2)



With the Short Message Service (SMS) network service you can send text and picture messages to phones which have SMS capability. In this menu you can write and read text and picture messages. You can also listen to voice messages and change message settings.

To access this menu: In standby mode, press (**Menu**), scroll to **Messages**, and press (**Select**).

Before you can send text or picture messages, you need to save your message centre number in the phone. See "[Message settings \(Menu 2-7\)](#)" on page 17.



Note: When sending messages via the SMS network service, your phone may display the words **Message sent**. This is an indication that the message has been sent by your phone to the message centre number programmed into your phone. This is not an indication that the message has been received at the intended destination. For more details about SMS services, check with your service provider.

Writing and sending a text message (Write messages – Menu 2-1)


You can write and send multi-part text messages that may contain almost three ordinary text messages (network service). Invoicing is based on how many ordinary messages are needed for any multi-part message.



To exit from this menu at any time to standby mode, press and hold twice. Alternatively: Press (**Options**), scroll to **Exit**, and press (**OK**).


1. Write the message (see "[Writing text](#)" on page 8). The number of available characters and the current message part number are shown on the top right of the display.

By pressing (**Options**) you can access the following functions that help you in writing the message: **Template**, **Insert smiley**, **Insert word**, **Insert number**, **Insert symbol**, **Dictionary**.

- Select **Template** to use a preset message available in the phone as a part of your message. See also "[Templates \(Menu 2-5\)](#)" on page 17.
- Select **Dictionary** to set predictive text input on or off.


2. When the message is complete, press  (**Options**) to access the following functions that you can use for sending the message: *Send*, *Send to many*, *Send by set*.







- Select *Send* to send the message to the desired recipient. Key in the recipient's phone number and press  (**OK**).
- Select *Send to many* to send the message to several persons. Scroll to the first recipient, and press  (**Send**). Repeat this for each recipient.
- Select *Send by set* to send the message using a predefined set of sending settings. See "Message settings (Menu 2-7)" on page 17.

In addition to the functions described above, pressing  (**Options**) allows access to the functions *Save*, *Erase*, and *Exit*.

- Select *Save* to save the message in the *Outbox* menu.
- Select *Erase* to delete all the characters from the display.
- Select *Exit* to return to standby mode for example to make a call.


Reading a text message (Inbox - Menu 2-2)

When you receive a text message, you hear a message alert tone and the number of new messages as well as  are shown in standby mode.

1. Press  (**Read**) to view the message immediately. If you want to read the message later, press . You can read the message later in the *Inbox* menu (Menu 2-2).
2. Scroll to the message you want to read and press  (**Read**).
3. Use  or  to browse through the message.
4. While reading the message, you can press  (**Options**) for the following functions: *Erase*, *Reply*, *Chat*, *Edit*, *Use number*, *Forward*, *Details*.

- Select *Chat* to have a conversation using text messages with another party. See also page 19.
- Select *Use number* to copy a phone number in the message to standby mode for calling or saving.
- Select *Details* to view, for example, the sender's name and phone number and the message centre used.

Viewing a message you have saved (Outbox – Menu 2-3)

In the *Outbox* menu you can view the messages that you have saved in the *Write messages* menu (Menu 2-1). Pressing  (**Options**) allows access to the same functions as in *Inbox* (Menu 2-2), except for *Reply*, *Chat*, and *Details*.

Picture messages (Menu 2-4)

In this menu you can view and send text messages that contain pictures (network service). You can also edit the pictures used in the picture messages.








Note: This function can be used only if it is supported by your network operator or service provider. Only phones that offer picture message features can receive and display picture messages.

Each picture message is made up of several text messages. Therefore, sending one picture message may cost more than one text message.





Since picture messages are saved in the phone, you cannot view them if you use the SIM card with another phone.

When you receive a picture message



To view the message immediately, press  (**View**). You can save the message by pressing  (**Save**) or delete it by pressing  twice.

To view the message later in this menu: Press  and then  (**OK**) to save the message. If there is no space for the new message, you need to replace one of the old messages with it.

Sending a picture message



Within this menu, scroll to a preset picture message and press  (**View**). Press  (**Options**) and select *Edit text*. Write the message. To view the whole message, press  (**Options**) and select *Preview*. To send the message, press  (**Options**) and select *Send*.


Editing a picture

Within this menu, scroll to a preset picture message and press  (**View**). Press  (**Options**) and select *Edit*. Modify and save the picture as described in "Picture editor (Menu 13)" on page 30.

Templates (Menu 2-5)





You can view, edit, and erase the preset messages ('templates') that are available for writing a message.

Scroll to the template you want to use and press  (**Read**). To edit or erase the template, press  (**Options**) and select the desired function.

When you edit a template, pressing  (**Options**) allows access to a further set of functions, including *Send* and *Save*.

If you want to create a template from scratch, select one of the empty templates at the end of the template list.

Smileys (Menu 2-6)

You can create smileys such as ":-)" that you can use when writing or replying to a message. Scroll to the desired smiley and press  (**Read**). Press  (**Options**) and select *Edit*. Change the smiley to your liking (press and hold  for special characters). Pressing  (**Options**) allows access to a further set of functions, including *Save*.

Message settings (Menu 2-7)

The phone offers two kinds of message settings: settings specific to each setting group or 'set', and settings common to all text messages.

Set 1 (Menu 2-7-1) ¹

A set is a collection of settings needed for sending text and picture messages.

You can, for example, send a text message as a fax, if supported by your service provider, by simply selecting the set in which you have earlier defined the proper settings for fax transmissions.

Each set has the following settings: *Message centre number*, *Messages sent as*, *Message validity*.

- Select *Message centre number* to save the phone number needed for sending text and picture messages. You can obtain this number from your service provider.
- Select *Messages sent as* to choose the message format (network service).
- Select *Message validity* to select the time that your messages are stored at the message centre (network service).

1. The total number of sets depends on how many sets your SIM card offers.

Common (Menu 2-7-2) ¹

The settings in this submenu apply to all text messages that you send, irrespective of the chosen set. The available settings are: *Delivery reports*, *Reply via same centre*.

- Select *Delivery reports* to request the network to send delivery reports on your messages (network service).
- Select *Reply via same centre* to allow the recipient of your message to send you a reply message via your message centre (network service).

Info service (Menu 2-8)


This network service allows you to receive messages on various topics, such as traffic conditions, from the network. For details, contact your service provider.

Select *On* to receive messages on the active topics. *Topic index* sets the phone to receive a list of available topics from the network.

Select *Topics* to mark the topics as active or inactive, add a new topic to the topic list, or edit or erase the existing topics on the list.

Select *Language* to choose the language for the messages. Only messages in the selected language will be shown.



Voice mailbox number (Menu 2-9)

You can save the phone number of your voice mailbox (network service). Key in the number and press  (OK).

See also "Listening to voice messages" on page 7.

For diverting calls, see "Call divert (Menu 7)" on page 25.

Service command editor (Menu 2-10)

You can send service requests to your service provider. Key in the desired characters. Press and hold  to switch between letters and numbers. Press  (Send) to send the request.

1. The shortcut number of this menu depends on the number of sets available. Here it is assumed that only one set is available.



Erasing messages (Menu 2-11)

You can delete read text messages from the *Inbox* menu, all text messages from the *Outbox* menu or both (*All read*).








■ Chat (Menu 3)





Chat is a fast way to have a conversation using text messages.

To access this menu: In standby mode, press  (**Menu**), scroll to *Chat*, and press  (**Select**).

You can start a chat either within this menu or by selecting the *Chat* option while reading a received text message.

1. Key in the other party's phone number or search it from the phone book (press  or ) and press  (**OK**).
2. Key in a nickname you want to use in the chat (see "[Writing text](#)" on page 8) and press  (**OK**).
3. Write your message, press  (**Options**) and select *Send*.
4. The reply message from the other person is shown above the message you sent. To reply to the message, press  (**OK**), write your message and send it by pressing  (**Options**) and selecting *Send*.



When writing a message, you can edit your nickname and view the messages sent and received during the current chat.

- To edit your nickname, press  (**Options**) and select *Chat name*.
- To view the previous messages, press  (**Options**) and select *Chat history*. The sent messages are indicated by "<" and your nickname. The received messages are indicated by ">" and the sender's nickname.


■ Call register (Menu 4)



In this menu you can view the phone numbers registered by the phone and the approximate duration and cost of your calls. You can also view and change the settings of a prepaid SIM card.

To access this menu: In standby mode, press  (**Menu**), scroll to *Call register*, and press  (**Select**).

The phone registers missed and received calls if it is switched on and within the network's service area, and if the network supports these functions.

When you press  (**Options**) in the *Missed calls*, *Received calls* or *Dialled numbers* menu, you can view the date and time of the call and edit, view or call the registered phone number, save it in the phone book or delete it from the list of registered phone numbers. You can also send a text message to the caller (*Send SMS*).

- *Missed calls* : This network service shows the 10 phone numbers from which somebody has most recently tried to call you with no success.
- *Received calls*: This network service shows the 10 phone numbers from which you have most recently accepted a call.
- *Dialled numbers*: Shows the 20 phone numbers that you have most recently called or attempted to call.
- *Erase recent call lists*: Allows you to delete all the phone numbers and names from Menus 4-1 to 4-3. The phone numbers are also erased if you
 - switch on the phone with a SIM card inserted which is not one of the five SIM cards used most recently with the phone.
 - change the *Phone security* setting, see "*Security settings (Menu 6-3)*" on page 23.

- *Show call duration*: Shows the approximate duration of dialled and received calls. You can also clear these call timers.



Note: The actual time invoiced for calls by your service provider may vary, depending upon network features, rounding-off for billing, and so forth.

- *Show call costs*: This network service shows the approximate cost of your last call or all calls in terms of units set within the *Show costs in* function (Menu 4-7-2). You can also clear these cost counters.



Note: The actual invoice for calls and services from your service provider may vary, depending upon network features, rounding-off for billing, taxes and so forth.

- *Call cost settings*: With the *Call cost limit* network service you can limit the costs of your calls to a selected number of charging units or units of currency. With the *Show costs in* function you can set the units in which the phone shows the remaining talk-time (contact your service provider for charging unit prices).



Note: When no more charging units or currency units are left, calls may only be possible to the emergency number programmed into your phone (e.g. 112 or other official emergency number).

- **Prepaid credit:** If you use a prepaid SIM card, you can make calls only when there are enough credit units on the SIM card (network service). Options: **Credit info display** (to show or hide remaining units in standby mode), **Credit available** (to view the number of remaining units), **Last event costs** (to view information about previous calls), **Recharge status**.

■ Tones (Menu 5)



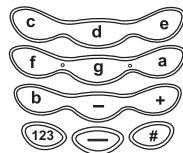
In this menu you can change the settings of the currently selected profile and create ringing tones of your own. See also "Profiles (Menu 12)" on page 29.

To access this menu: In standby mode, press (**Menu**), scroll to **Tones**, and press (**Select**).

- **Ringing tone:** You can select the tone that rings when you receive a call.

- **Ringing volume:** You can select the volume level for the ringing tones and message alert tones.
- **Incoming call alert:** You can select the way the phone notifies you of incoming voice calls. For example, if you select **Off**, the phone remains silent when you receive a call and is shown in standby mode.

- **Composer :** You can create your own ringing tones. Select one of the




preset tones that you want to edit and key in the notes. For example, press for note f.

shortens (-) and lengthens (+) the note or rest to the left of the cursor. inserts a rest. sets the octave. makes the note sharp (not available for notes e and b). and move the cursor right or left. deletes a note or rest to the left.

When the tone is complete, press (**Options**) and select one of the following functions: **Play, Save** (to add the tone to the ringing tone list), **Tempo, Send** (to send the tone to a compatible phone), **Clear screen, Exit**.





Note: Your phone must be switched on to use this function. Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.

- **Message alert tone:** You can select the tone you hear when you receive a text or picture message. If you want to select the tone from the ringing tone list, select *Personal*, scroll to the desired tone and press  (OK).
- **Keypad tones:** You can select the volume for keypad tones.
- **Warning tones:** You can set the phone to sound tones, for example, when the battery is running out of power. This setting has no effect on the tones that are related to network services.
- **Vibrating alert:** You can set the phone to vibrate when you receive a call or a message.
- **Screen saver:** You can select the picture that is displayed in standby mode after a certain time (*Timeout*). You can select from the same pictures as in the *Picture messages* menu.



■ Settings (Menu 6)



In this menu you can change various settings of the phone. You can also reset some settings to their default values.

To access this menu: In standby mode, press  (Menu), scroll to *Settings*, and press  (Select).


Call settings (Menu 6-1)

- **Automatic redial:** You can set the phone to make up to ten attempts to connect the call after an unsuccessful call attempt.
- **Speed dialling:** When this function is on, you can dial the names and phone numbers assigned to the speed dial keys  to  by pressing and holding the corresponding key.
- **Call waiting options:** When this network service is activated, the network notifies you of a new incoming call while you have a call in progress.
- **Own number sending:** You can set your phone number to be displayed (*On*) or hidden (*Off*) from the person you are calling (network service). If you select *Set by network*, the phone will use the setting that you have agreed with your service provider.

- **Phone line in use:** With this network service you can select the phone line (that is, subscriber number) 1 or 2 for making calls, if supported by your SIM card. Calls on both lines can be answered regardless of the selected line.

You cannot make calls if you select line 2 and you have not subscribed to this network service. When line 2 is selected, 2 is shown in standby mode.



Tip: In standby mode, you can switch between the lines by pressing and holding .

- **Automatic answer:** You can set the phone to answer an incoming call after one ring when the phone is connected to the PPH-1 handsfree car kit or the HDC-5 headset. When using the car kit, note that some cigarette charger plugs do not provide power when the ignition is off. This function does not work when the **Incoming call alert:** function is set to **Off**.

Phone settings (Menu 6-2)

- **Language:** You can select the language for the display texts.
- **Cell info display:** You can set the phone to indicate when it is used in a network based on Micro Cellular Network (MCN) technology (network service). In such a network, local calls may cost less than otherwise.

- **Welcome note:** You can write a note that is shown briefly when the phone is switched on.
- **Network selection:** You can set the phone to automatically select a cellular network available in your area, or you may select the desired network from a list (**Manual**).

The network must have a roaming agreement with your home network. If no such agreement exists, **No Access** will be displayed and you must select another network.

The phone stays in manual mode until the automatic mode is selected or another SIM card is inserted into the phone.

- **Lights:** You can set the display and keypad lights on or off when the phone is connected to the PPH-1 handsfree car kit.
- **Confirm SIM service actions:** You can set the phone to show (**Asked**) or hide (**Not asked**) confirmation messages when you use SIM card services (see page 31).

Security settings (Menu 6-3)

- **PIN code request:** You can set the phone to ask for the PIN code of the SIM card when the phone is switched on. Some SIM cards do not allow turning off this function.

- **Call barring service:** With this network service you can restrict calls that are made and received with your phone. Select one of the barring options and set the option on (*Activate*) or off (*Cancel*), or check whether the barring option is activated (*Status*).



Note: When calls are barred, calls may be possible to certain emergency numbers in some networks (e.g. 112 or other official emergency number).

- **Fixed dialling:** You can restrict your outgoing calls to selected phone numbers, if allowed by your SIM card. Select *Numbers* to check the phone numbers (*Search*), add new numbers to the fixed dialling list (*Add name*) or clear the list (*Erase all*).



Note: When Fixed Dialling is set on, calls may be possible to certain emergency numbers in some networks (e.g. 112 or other official emergency number).

- **Closed user group:** This network service specifies a group of people to whom you can call and who can call you. Select *Default* to set the phone to use the group that you have agreed with your service provider. For more information, contact your network operator or service provider.



Note: When calls are limited to Closed User Groups, calls may be possible to certain emergency numbers in some networks (e.g. 112 or other official emergency number).

- **Phone security:** You can set the phone to ask for the security code when a new SIM card is inserted in the phone (option *On*). When you change this setting, the phone numbers in the menus 4-1 to 4-3 are cleared.
- **Change access codes:** You can change the security code, PIN code, PIN2 code, or barring password. These codes can include the numbers 0 to 9 only.





Note: Avoid using access codes similar to emergency numbers, such as 112, to prevent accidental dialling of the emergency number.



Restore factory settings (Menu 6-4)

You can reset some of the menu settings to their original values. This function has no effect, for example, on the names and phone numbers saved in the phone book.

Keylock settings (Menu 6-5)

You can set the phone to automatically lock the keypad if the phone is not used for a certain length of time and it is in standby mode. See also "Locking the keypad" on page 7.

To turn on the automatic keylock: Scroll to *On* and press  (**OK**). Key in the delay time in minutes and seconds and press  (**OK**).

To turn off the keylock in standby mode, press  and then  quickly.






Note: When the Keypad lock is on, calls may be possible to the emergency number programmed into your phone, (e.g. 112 or other official number).


■ Call divert (Menu 7)




You can direct your incoming calls to your voice mailbox or some other phone number (network service). See also "Voice mailbox number (Menu 2-9)" on page 18.

To access this menu: In standby mode, press  (**Menu**), scroll to *Call divert*, and press  (**Select**).

1. Scroll to the desired divert option and press  (**Select**). For example, select *Divert when busy* to divert the calls when you are speaking on the phone or when you reject a call.
2. Set the selected divert option on (*Activate*) or off (*Cancel*), check whether the option is activated (*Status*), or specify a delay for it (available for *Divert if not answered* only).
3. If you selected *Activate*, select where the incoming calls are to be diverted.



If you selected *Status*, press  (**Number**) to view the phone number to which the calls are diverted. With *Divert if not answered*, press **Details** to view the number and delay time.

Several divert options can be active at the same time. When all calls are diverted,  is shown in standby mode.

■ Games (Menu 8)



The phone offers you the following games to play: *Snake II*, *Space impact*, *Bantumi*, *Pairs II*.

To access this menu: In standby mode, press  (**Menu**), scroll to *Games*, and press  (**Select**).



Note: Your phone must be switched on to use this function. Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

Adjusting the settings common to all the games

Select *Settings* and the setting you want to change.



You can set the sounds, lights, and vibrations (*Shakes*). Note that when the *Vibrating alert* function is off, the phone does not vibrate even if you set *Shakes* on.

Starting a game

Select the game you want to play.

Select *New game* to start the game.



Select *Instructions* to view a help text about the game. Select

Continue to resume a game that you have paused by pressing a  or . Select *Top score* to view the highest scores so far (this option is not available in all the games).

■ Calculator (Menu 9)









The phone includes a calculator that can also be used for rough currency conversions. The calculator has a limited accuracy and rounding errors may occur, especially in long divisions.

To access this menu: In standby mode, press  (**Menu**), scroll to *Calculator*, and press  (**Select**).







Note: Your phone must be switched on to use this function. Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

Making a calculation





- Press a number key to insert a digit. Press  to insert a decimal point. Press  to delete the digit to the left.
- Press  once (for +) to add, twice (for -) to subtract, three times (for *) to multiply and four times (for /) to divide. Or: Press  (**Options**) and select the desired function.
- For a total, press  (**Options**) and select *Equals*. Press and hold  to clear the display for a new calculation.

Making a currency conversion

To set the exchange rate: Press  (**Options**), select *Exchange rate*, select the desired option, key in the exchange rate (press  for a decimal point), and press  (**OK**).

To make the conversion: Key in the currency amount to be converted, press  (**Options**), and select *In domestic* or *In foreign*.



Currency conversion in standby mode

In standby mode, key in the amount that you want to convert (press  for a decimal point, shown as an asterisk). The exchange rate that you have set in this menu is used. Press  or  twice. Press  (**Convert**).

Reminders (Menu 10)





In this menu you can save short reminder notes with an alarm.




To access this menu: In standby mode, press  (**Menu**), scroll to **Reminders**, and press  (**Select**).





Note: Your phone must be switched on to use this function. Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

Scroll to one of the following functions and press  (**Select**):

- **Add new:** Write a reminder (see "Writing text" on page 8) and press  (**OK**). You can add an alarm to the reminder if you like.



- **View all:** Shows all the reminders. You can browse through the reminders with  or . The alarm date and time are shown in the top right corner. Press  (**Options**) for the functions **Erase**, **Edit** and **Send**. Select **Send** to send the current reminder as a text message to a compatible phone.
- **Erase:** You can delete the reminders one by one or all at once.


When the reminder time is reached, you can stop the alarm by pressing . If you press  (**Snooze**), the alarm stops for a few minutes and then resumes.



Clock (Menu 11)







In this menu you can adjust and use the time-related features of your phone.

To access this menu: In standby mode, press  (**Menu**), scroll to **Clock**, and press  (**Select**).

- **Alarm clock:** You can set the phone to alarm at the desired time. Key in the time, and press  (**OK**).

When the alarm time is reached, the phone sounds an alarm tone and flashes the text *Alarm!*. Stop the alarm by pressing any key. If you press  (**Snooze**), the alarm stops for a few minutes and then resumes, if you do not press  (**Stop**).




If the alarm time is reached while the phone is switched off, the phone switches itself on and starts sounding the alarm tone. If you press any other key but  (**Snooze**), press  (**Yes**) to activate the phone for calls or  or  to keep the phone switched off.





Note: Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

- **Clock settings:** You can set the phone to show the current time in standby mode (*Show clock*), set the time, or select the 12-hour or 24-hour time format. If the battery is removed from the phone, you may need to set the time again.

The clock settings affect the following functions: *Alarm clock*, the *Timed* option of the *Profiles* function and *Reminders*.


- **Date setting:** You can set the correct date.
- **Stopwatch:** You can measure time for example in different sports. Press  (**Start**) to start timing and press  (**Stop**) to stop it. When the timing is stopped, you can press  (**Options**) for the following functions: *Start, Reset, Exit*.


If you want to set the timing to continue in the background, press  twice. While the time is running,  flashes in standby mode.

Using the stopwatch consumes the battery and the phone's operating time will be reduced. Be careful not to let it run in the background when performing other operations with your phone.



Note: Your phone must be switched on to use this function. Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

- **Countdown timer:** You can set the phone to alarm after a certain time. Key in the alarm time and press  (**Start**). In this menu you can also stop the timer or edit the time.

When the timer is running,  is shown in standby mode.

When the alarm time is reached, the phone sounds a tone and flashes the related note. Press any key to stop the alarm.



Note: Your phone must be switched on to use this function. Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.



- **Automatic update of date and time:** You can set the phone to automatically update the time and date according to the current time zone. This is a network service.

■ Profiles (Menu 12)




You can set all the phone tones to function in the desired manner at once by selecting the desired setting group ('profile').


You can easily change the settings of the active profile in the **Tones** menu (see page 21).

To access this menu: In standby mode, press  (**Menu**), scroll to **Profiles**, and press  (**Select**).

Activating a profile and changing its settings

1. In this menu, scroll to the desired profile and press  (**Select**). For example, select **Silent** if you want to mute all the phone tones.



Some of the profiles can be replaced with profiles that you can receive, for example, from your service provider. For availability and compatibility, contact your service provider or other profile provider.

2. Scroll to **Activate**, **Personalise** or **Timed**, and press  (**OK**).

Select **Activate** to take the selected profile into use.

Select **Personalise** to change the settings of the profile.

Select **Timed** to activate the profile for a certain time.

3. If you selected **Personalise**, scroll to the setting (see Tones on page 21) that you want to change and press  (**Select**). With the **Rename** function you can edit the name of the profile. The **General** profile cannot be renamed. If you selected **Timed**, key in the time (in hours and minutes) for which the selected profile remains active and press  (**OK**). After this time, your phone starts using the profile that was active before the timed profile.



To activate a profile quickly in standby mode or during a call: Press the **1** key quickly, scroll to the desired profile and press **OK**.

Picture editor (Menu 13)



You can draw new pictures or edit the preset pictures available in the phone. The pictures can be used in picture messages and with the *Screen saver* function of the *Tones* and *Profiles* menu. Pictures can also be edited in the *Picture messages* menu, see page 16.

To access this menu: In standby mode, press **Menu**, scroll to *Pict. editor*, and press **Select**.



Note: Your phone must be switched on to use this function. Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

1. Select *Create New* to draw a new picture, *Edit existing* or *Continue* to resume drawing, for example, after an incoming call.
2. If you selected *New*, select the picture size (*Picture msg.* or *Clip-art*) according to the intended use of the picture.

If you selected *Edit existing*, select the picture size and then the picture message or clip-art that you want to edit.

3. Draw or edit the picture as described below.
4. To save the picture, press **Options** and select *Save*.

To save the picture as clip-art, scroll to the picture that you want to replace with the new one and press **Replace**.




Drawing or editing a picture

1. Press **Pen on** to set the pen down. Or: Press **Options** and select *Pen on*.
2. Draw the picture by moving the cursor with the number keys:
 - Press **2abc** or **8tuv** for a vertical line.
 - Press **4ghi** or **6mno** for a horizontal line.
 - Press **1op**, **3def**, **7pqrs** or **9wxyz** for a diagonal line.



Tip: To move the cursor more quickly, press and hold the desired key. The colour of the pen is shown at the top right corner.




3. While drawing, you can access the following editing options by pressing **Options**: *Colour*, *Insert*, *Fill*, *Clear all*, *Invert colours*, *Mirror*, *Save as*, *Undo*.

- Select *Colour* to change the colour of the line you are drawing. To change the colour quickly, press .
 - Select *Insert* to add a line, rectangle, circle, text or clipart to the picture. Use the number keys to draw a line, rectangle or circle.
 - Select *Fill* to fill the enclosed area, for example a circle, with the selected colour. Move the cursor to the desired area and press **Fill**.
 - Select *Invert colours* to change the black pixels to white or vice versa.
 - Select *Mirror* to flip the picture horizontally.
 - Select *Save as* to change the picture size. To resize a picture message into a clip-art, select the part of the picture that you want to use as clip-art by moving the blinking frame with the number keys.
 - Select *Undo* to undo the following functions: *Insert*, *Fill*, *Clear all*, *Invert colours*, *Save as*.
4. Press  to lift the pen up, press  (**Options**) and select *Pen off*. Now you can move the cursor to a new place in the picture.

■ SIM services (Menu 14)



This menu is shown only if your SIM card provides additional services. The name and contents of this menu depend on the services available.

To access this menu: In standby mode, press  (**Menu**),  and  (**Select**).

You can set the phone to show the confirmation messages sent between your phone and the network when you are using the SIM services. See *Confirm SIM service actions* in "[Phone settings \(Menu 6-2\)](#)" on page 23.



Note:

- For availability, rates and information on using SIM services, contact your SIM card vendor, e.g. network operator, service provider or other vendor.
- Your phone must be switched on to use this function. Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.

4. Battery statements

■ Charging and Discharging

Your phone is powered by a rechargeable battery.

Note that a new battery's full performance is achieved only after two or three complete charge and discharge cycles!

The battery can be charged and discharged hundreds of times but it will eventually wear out. When the operating time (talk-time and standby time) is noticeably shorter than normal, it is time to buy a new battery.

Use only batteries approved by the phone manufacturer and recharge your battery only with the chargers approved by the manufacturer.

Unplug the charger when not in use. Do not leave the battery connected to a charger for longer than a week, since overcharging may shorten its lifetime. If left unused a fully charged battery will discharge itself over time.

Temperature extremes can affect the ability of your battery to charge.

For good operation times with NiMh batteries, discharge the battery from time to time by leaving your phone switched on until it turns itself off (or by using the battery discharge

facility of any approved accessory available for your phone). Do not attempt to discharge the battery by any other means.

Use the battery only for its intended purpose.

Never use any charger or battery which is damaged.

Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes direct connection of the + and - terminals of the battery (metal strips on the battery) for example when you carry a spare battery in your pocket or purse. Short-circuiting the terminals may damage the battery or the connecting object.

Leaving the battery in hot or cold places, such as in a closed car in summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15°C and 25°C. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Batteries' performance is particularly limited in temperatures well below freezing.

Do not dispose of batteries in a fire !

Dispose of batteries according to local regulations (e.g. recycling). Do not dispose as household waste.

5. Genuine Accessories

A new extensive range of accessories are available for your phone. You can select the accessories that accommodate your specific communication needs.



Some of the accessories are described in detail below.

For availability of the accessories, please check with your local dealer. A few practical rules for accessories operation:

- Keep the accessories out of small children's reach.
- When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.
- Check regularly that all cellular phone equipment in a vehicle is mounted and operating properly.

Use only batteries, chargers and accessories approved by the phone manufacturer. The use of any other types may invalidate any approval or warranty applying to the phone, and may be dangerous.

■ Battery

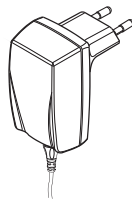
Type	Tech	Talktime*	Standby*
BLC-2	Li-Ion	2hrs 20 mins - 4hrs 15 mins	55 hrs to 245 hrs

* Variation in operation times may occur depending on SIM card, network and usage settings, usage style and environments.

■ Indoor

ACP-8 Fast & Light Charger

Extremely light, the functionally designed multi-voltage Fast and Light Charger, ACP-8, charges your phone battery quickly.



plug types vary according to different markets

Plug the charger into a wall socket and insert the connector to the bottom of your phone.

You can also use your phone while charging.

■ HDC-5 Personal Headset Kit

The compact and functional personal Headset Kit with Remote Control. By using the remote control option, you can answer and end calls by pressing the button on the microphone part of the Personal Handsfree. A cost effective handsfree solution for indoor or outdoor use.



■ Vehicle

LCH-9 Mobile Charger

The multivoltage LCH-9 Mobile Charger, ensure your phone is always ready for use whenever you travel. This small charger's functional design fits most car lighters and interiors.

A green light indicates that the Mobile Charger is ready for charging. Check the charging status on the phone display. The input voltage can be 12 or 24 V DC, negative grounding.

Avoid prolonged charging with the Mobile Charger when the car engine is not running; this may cause the battery of your car to drain. Note also that in some cars the cigarette lighter plug is not provided with electricity if the ignition is switched off. Verify that the green LED light is on.

6. CARE AND MAINTENANCE

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you to fulfil any warranty obligations and to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and all types of liquids or moisture can contain minerals that will corrode electronic circuits.
- Do not use or store the phone in dusty, dirty areas. Its moving parts can be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When it warms up (to its normal temperature), moisture can form inside, which may damage electronic circuit boards.
- Do not attempt to open the phone. Non-expert handling may damage it.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone.
- Do not paint the phone. Paint can clog the moving parts and prevent proper operation.
- Use only the supplied or an approved replacement antenna. Unauthorised antennas, modifications or attachments could damage the phone and may violate regulations governing radio devices.

All of the above suggestions apply equally to your phone, battery, charger or any accessory. If any of them is not working properly, take it to your nearest qualified service facility. The personnel there will assist you and, if necessary, arrange for service.

7. IMPORTANT SAFETY INFORMATION

■ Traffic Safety

Do not use a hand-held telephone while driving a vehicle. Always secure the phone in its holder; do not place the phone on the passenger seat or where it can break loose in a collision or sudden stop.

Remember road safety always comes first!

■ Operating environment

Remember to follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

Use the phone only in its normal operating positions.

Parts of the phone are magnetic. Metallic materials may be attracted to the phone, and persons with a hearing aid should not hold the phone to the ear with the hearing aid. Always secure the phone in its holder, because metallic materials may be attracted by the earpiece. Do not place credit cards or other magnetic storage media near the phone, because information stored on them may be erased.

■ Electronic devices

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

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 20 cm be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers:

- Should always keep the phone more than 20 cm from their pacemaker when the phone is switched on;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimise the potential for interference.
- If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing aids

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

Other medical devices

Operation of any radio transmitting equipment, including cellular phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions. Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles (e.g. electronic fuel injection systems, electronic anti-skid (anti-lock) braking systems, electronic speed control systems, air bag systems). Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any

equipment that has been added to your vehicle.

Posted facilities

Switch your phone off in any facility where posted notices so require.

■ Potentially explosive atmospheres

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

Users are advised to switch off the phone when at a refuelling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

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

■ Vehicles

Only qualified personnel should service the phone, or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty which may apply to the unit.

Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.

Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Using your phone while in the air is prohibited. Switch off your phone before boarding an aircraft. The use of wireless telephones in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network and may be illegal.

FCC regulations prohibit using your phone while in the air. Switch off your phone before boarding an aircraft. The use of wireless telephones in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network and may be illegal.

Failure to observe these instructions may lead to suspension or denial of telephone services to the offender, or legal action or both.

■ Emergency calls





Important:

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions. Because of this, connections in all conditions can not be guaranteed. Therefore you should never rely solely upon any wireless phone for essential communications (e.g. medical emergencies).

Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on. Check for adequate signal strength.
Some networks may require that a valid SIM card is properly inserted in the phone.
2. Press  as many times as needed (e.g. to exit a call, to exit a menu, etc.) to clear the display and ready the phone for calls.
3. Key in the emergency number for your present location (e.g. 112 or other official emergency number). Emergency numbers vary by location.
4. Press the  (**Call**) key.

If certain features are in use, you may first need to turn those features off before you can make an emergency call. Consult this guide and your local cellular service provider.

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

■ Certification information (SAR)

THIS MODEL PHONE MEETS GOVERNMENT REQUIREMENTS FOR EXPOSURE TO RADIO WAVES

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) energy set by the Australian Communications Authority (ACA). These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the ACA is 2.0 W/kg*. Tests for SAR are conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well

below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

Before a phone model is available for sale to the public, compliance with the Australian Standard must be shown. The highest SAR value for this model phone when tested for use at the ear is 1.11W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for RF exposure.

* The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over one gram of body tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band. For SAR information in other regions please look under product information at www.nokia.com.

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