User's Guide for Nokia 1108

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CE 168

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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 and hold [c] twice for several seconds to clear the display. Enter the emergency number, then press [—] **Call**. Give your location. Do not end the call until told to do so.

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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-dependent 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 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.

Charger and accessory

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, ACP-12, LCH-9 and LCH-12.

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 may 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.

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General information

Stickers in the sales package

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

Attach the A sticker to the Your details page in this User's Guide.

Access codes

- **Security code:** This code, supplied with the phone, protects your phone against unauthorised use. The preset code is 12345.

  Refer to "Security settings" on page 23 to see how it works.

- **PIN code:** This code, supplied with the SIM card, protects the card against unauthorised use.

  Set on the *PIN code request* in the *Security settings* menu (see "Security settings" on page 23), so that the code is requested each time the phone is switched on.

  If you enter the PIN code incorrectly three times in succession, the SIM card is blocked. You must enter the PUK code to unblock the SIM card and set a new PIN code.

- **PIN2 code:** This code is supplied with some SIM cards and is required to access certain services, such as charging unit counters. If you enter the PIN2 code incorrectly three times in succession, *PIN2 code blocked* appears on the display, and you will be asked for the PUK2 code.

  Change the security code, PIN code and PIN2 code in *Change of access codes* in the *Security settings* menu (see "Security settings" on page 23). Keep the new codes secret and in a safe place separate from your phone.

- **PUK and PUK2 code:** These codes may be supplied with the SIM card. If this is not the case, contact your local service provider.

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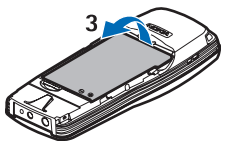
1. Getting started

Inserting a SIM card

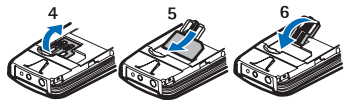
- Keep all miniature SIM cards out of small children's reach.
- The SIM card and its contacts can be damaged easily by scratches or bending, so be careful when handling, inserting or removing the card.
- Before installing the SIM card, make sure that the phone is switched off, disconnected from the charger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

1. Press the back cover release button (1), slide the back cover (2) and lift it off the phone.

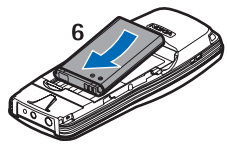
2. Remove the battery by lifting it using the finger grip (3).



3. Lift the SIM card holder using the finger grip. Flip the holder open (4). Press the SIM card carefully into the SIM card slot (5). Make sure that the gold-coloured connectors on the card are facing downwards and that the bevelled corner is on the right. Close the SIM card holder and press it to lock.



4. Align the gold-coloured connectors on the battery with the corresponding connectors on the phone, and push the opposite end of the battery until it snaps into place (6).



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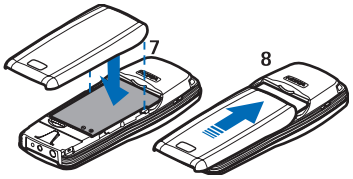
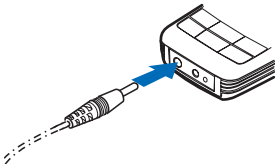
5. Align the bottom of the back cover with the bottom of the phone (7), press the top of the back cover to lock it into place (8).



Charging the battery

Do not charge the battery if either of the phone covers has been removed.

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



2. Connect the charger to an AC wall outlet. The battery indicator bar starts scrolling.
   - Charging a BL-5C battery with the ACP-7 charger takes up to 3 hours 30 minutes while charging with the ACP-12 charger takes up to 2 hours.
   - 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 phone and the AC outlet.

TIPS ON EFFICIENT OPERATION:

Your phone has a built-in antenna. 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.

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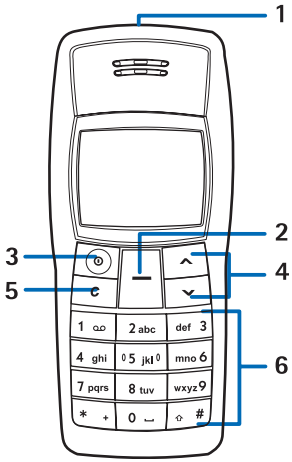
Keys and connectors

1. Flashlight



Your phone has a built-in lamp. See "Flashlight" on page 5.

2. Navi key

The function of the Nokia Navi key depends on the text shown above it. In this guide, the symbol is followed by the related guiding text, e.g. **Menu** or **Select**.

3. Power key

Switches the phone on or off. When the keypad is locked, pressing briefly turns the phone's display lights on for approximately 15 seconds.

4. Scroll keys

Enable scrolling through names, phone numbers, menus or settings. Adjust the earpiece volume during a call. In standby mode, shows the list of last dialled numbers and shows the names and phone numbers saved in Contacts.

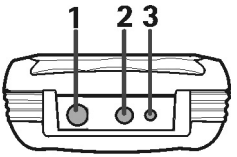
5. The clear/exit key

Deletes characters from the display and exits from different functions.

6. – enter numbers and characters.

and are used for various purposes in different functions.

1. Charger connector



2. Headset connector
3. Microphone

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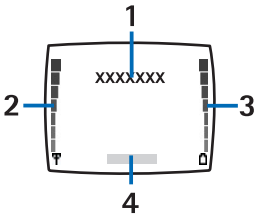
Display and standby mode

The indicators described below are shown when the phone is ready for use and no characters have been keyed in by the user. The screen is called 'standby mode'.

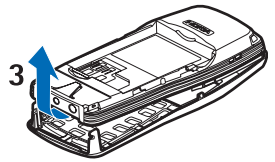


1. Shows the name of the cellular network in which the phone is being currently used, or the operator logo.
2. Shows the signal intensity of the cellular network at your current location.
3. Shows the battery charge level.
4. Shows the current function of the Navi key .

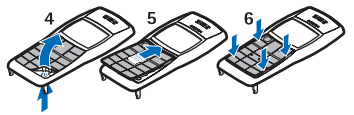
Changing the covers

Before changing the cover, always switch off the power and disconnect the phone from the charger or any other device. Avoid touching electronic components while changing the covers. Always store and use the phone with the covers attached.

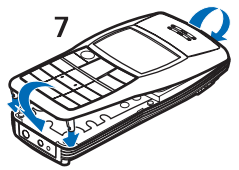
1. Remove the back cover of the phone and battery. See steps 1 and 2 in "Inserting a SIM card" on page 1.
2. Remove the front cover carefully starting from the bottom of the phone(3).



3. Remove the keymat carefully (4). Press the new keymat into the new front cover starting from the top (5). Make sure that the new keymat is properly positioned (6).



4. Align the top of the front cover with the top of the phone and press the front cover to lock it into place (7).



5. Insert the battery and replace the back cover on. See steps 4 and 5 in "Inserting a SIM card" on page 1.

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Putting on the wrist strap

Thread the strap through the holes as shown in the picture and then tighten it.

Flashlight

Your phone has a built-in flashlight that you can use. Whenever the flashlight is activated, is shown on the phone display.

To use the flashlight, you have the following options:

- In standby mode, press and hold c. The flashlight is off when you release the c key.

  Alternatively, to have the flashlight continuously on, press c twice to switch the flashlight on and press c once to switch it off.
- Press — **Menu** and select *Extras* and *Flashlight* and select **On** or **Off**.
- During a call, press c and **Options** and select *Flashlight on* or *Flashlight off*.

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2. Call functions

Making a call

1. Key in the phone number including the area code.

   To make international phone calls: Add a "+" by pressing * + twice, and add the country (or region) code in front of the area code (delete the leading 0 if necessary).

   Press c to delete the last entered digit.
2. Press — **Call** to call the number. Press ^ to increase or v to decrease the volume of the earpiece or headset.
3. Press — **End** to end the call (or to cancel the call attempt).

Making a call using the phone book

In standby mode, press v to find the name you want. Press — **Call** to call the number.

Making a conference call

Conference call is a Network Service that allows up to four people to participate in the same call.

1. Make a call to the first participant. Key in the phone number or select it from the phone book and press — **Call**.
2. To make a call to a new participant, press c and — **Options**, and select *New call*.
3. When the new call has been answered, add it to the conference call by pressing — **Options** and selecting *Conference*.
4. To add another new participant to the call, repeat steps 2 to 3.
5. To end the conference call, press — **Options**, then press *End call*.

Redialling

To redial one of the last 20 phone numbers you have called or attempted to call, press ^ once in standby mode, scroll with v or ^ to the phone number or name you want, and press — **Call**.

Speed dialling

Press — **Menu**, select *Contacts* and *Speed dials*. Select the key you want, (2 abc to wxyz 9) and press **Assign**. Select whether you want to assign to call or to SMS. Select the name you want and press — **Select**.

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After the phone number has been assigned to a number key, you can speed dial the number in the following ways:

- Press the corresponding number key and then press [—] **Call**, or
- If *Speed dialling* is set to "on", press and hold the corresponding number key until the call is started (see "Call settings" on page 21).

Answering a call

In standby mode, press [—] **Answer**. To divert or reject the call without answering, press [c].

In-call operations

During a call, press [c] and [—] **Options** for some of the following functions. Many of these are Network Services. *Mute* or *Unmute*, *Hold* or *Unhold*, *New call*, *Answer*, *Reject*, *End call*, *End all calls*, *Contacts*, *Send DTMF*, *Swap*, *Menu* and *Flashlight on* or *Flashlight off*.

Listening to voice messages

Voice mailbox is a Network Service. For more information and to receive your voice mailbox number, contact your service provider. To call your voice mailbox, press and hold [1 ∞] in standby mode. To change the voice mailbox number, see "Voice mailbox number" on page 16.

To divert calls to your voice mailbox, refer to "Call settings" on page 21.

Locking the keypad

The keypad lock prevents keys from being pressed accidentally.

To lock or unlock the keypad: In standby mode, press [—] **Menu** and then [* +] quickly.

You can also set the phone to automatically turn on the keylock after a certain period of time. Refer to "Keyguard settings" on page 23. When the keypad is locked, the indicator is shown on the display.

Note: When keypad is locked, 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.

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3. Writing text

You can key in text in two different ways, using the traditional text input, indicated with , or using another method called predictive text input indicated with .

Setting predictive text input on or off

When writing text, press — **Options** and select *Dictionary*.

- To set the predictive text input on, select a language in the dictionary options list. Predictive text input is only available for the languages on the list.
- To revert to traditional text input, select *Dictionary off*.

Tip: To quickly set the predictive text input on or off when writing text, press # twice.

Using predictive text input

Predictive text input is an easy way to write text.

The predictive text input is based on a built-in dictionary to which you can also add new words.

1. Key in the word you want by pressing each key once for one letter. The word changes after each keystroke. For example, to write 'Nokia' when the English dictionary is selected, press 6 mno, 6 mno, 5 jkl, 4 ghi, 2 abc.
   - To delete the character to the left of the cursor, press C. To clear the screen, press and hold C.
   - To switch between upper and lower cases, or between traditional and predictive text input, press # repeatedly and check the indicator at the top of the display.
   - To switch between letters and numbers, press and hold #.
   - To get a list of special characters, press and hold *, select the character you want, and press — **Use**.
   - To insert a number, press and hold the number key you want. To insert several numbers, press and hold # and key in the numbers.

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2. If the displayed word is the one you want, press 0 and start writing the next word.
   - If you want to change the word, press * repeatedly until the word you want appears.
   - If the "?" is displayed after the word, the word is not in the dictionary. To add the word to the dictionary, press — **Spell**, key in the word (traditional text input is used) and press — **OK**.

Writing compound words

Key in the first half of the word, press ⌄, and then key in the second half.

Using traditional text input

Press the key marked with the letter that you want repeatedly until the letter appears.

Use the following functions to edit the text:

- To add a space, press 0.
- To add a punctuation mark or special character, press 1 repeatedly, or press *, select the desired character, and press **Use**.
- To move the cursor left or right, press ^ or ⌄, respectively.
- To delete the character to the left of the cursor, press C. To clear the screen, press and hold this key.
- To switch between upper and lower case, press #.
- To add a number, press and hold the desired key. To switch between letters and numbers, press and hold #.
- To key in a letter which is on the same key as the previous one, press ⌄ or ^ (or wait until the cursor appears), and key in the new letter.

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4. Menu functions

You can use the key features in the menus in the following ways:

By scrolling

1. Press — **Menu** in standby mode.
2. Press ^ or v to scroll to the main menu you want, and press — **Select** to enter it. Press c to exit a main menu.
3. If the menu contains submenus, scroll to the one you want and press — **Select** to enter it. Press c to exit a submenu.

   If you do not want to save the changes you made to menu settings, press and hold c.

By shortcut

The menus, submenus and setting options are numbered. These numbers are called shortcut numbers.

In standby mode, press — **Menu** and key in quickly, within three seconds, the shortcut number of the menu you want to access. Repeat this for submenus.

For example, if you want to activate *Call waiting service*, press — **Menu**, mno 6 (for *Settings*), 2 abc (for *Call settings*), 4 ghi for *Call waiting service*), 1 ao (for *Activate*).

Note that the shortcut number for *Messages* is 01.

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List of menu functions

1. **Messages**
   1. Write message
   2. Inbox
   3. Drafts
   4. Sent items
   5. Chat
   6. Picture messages
   7. Distribution lists
   8. Templates
   9. Smileys
   10. Delete messages
   11. Message settings
   12. Info service
   13. Voice mailbox number
   14. Service command editor
2. **Contacts**
   1. Search
   2. Service nos.[1]
   3. Add contact
   4. Delete
   5. Edit
   6. Copy
   7. Assign tone
   8. Send phone no.
   9. Settings
   10. Speed dials
3. **Call register**
   1. Missed calls
   2. Received calls
   3. Dialled numbers
   4. Delete recent call lists
   5. Call duration
   6. Call costs
   7. Call cost settings
   8. Prepaid credit
4. **Tones**
   1. Ringing tone
   2. Ringing volume
   3. Incoming call alert
   4. Message alert tone
   5. Keypad tones
   6. Warning tones
   7. Vibrating alert
   8. Rhythmic backlight alert
5. **Profiles**
   1. General
   2. Silent
   3. Discreet
   4. Loud
   5. My style
   6. (empty)
6. **Settings**
   1. Time settings
   2. Call settings
   3. Phone settings
   4. Enhancement settings[2]
   5. Keyguard settings
   6. Security settings
   7. Restore factory settings

1. Shown only if supported by your SIM card.
2. This menu is shown only if the phone is or has been connected to a headset or handsfree unit available for the phone.

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7. Alarm clock

8. Reminders

1. Add new
2. View all[1]
3. Delete

9. Games

10.Extras

1. Calculator
2. Stopwatch
3. Countdown timer
4. Composer
5. Screen saver
6. Flashlight

11.SIM services [2]

Messages (Menu 01)

Write messages

You can write and send multi-part messages consisting of several ordinary text messages (Network Service). Invoicing may be based upon the number of ordinary messages that are needed for any multi-part message. The number of available characters/the current part number of a multi-part message are shown on the top right of the display, for example 120/2. If you use special (Unicode) characters, such as Cyrillic characters, more parts may be needed for the message than would otherwise be required. Note that predictive text input may use Unicode characters.

To send a message, the phone number of your message centre has to be saved in the phone. See "Message settings" on page 16.

1. In standby mode, press — **Menu** and select *Messages* and *Write message*.

1. View all and Erase are shown only after a reminder has been added.
2. The availability, name and contents depend on the SIM card used.

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2. Key in the message. The number of available characters and the current part number are shown on the top right of the display.
3. When the message is complete, press [—] **Options**, select *Send*, key in the recipient's phone number, and press [—] **OK**.

   If you want to send the message to several people, select *Sending opts* and *Send to many*, scroll to the first recipient, and press [—] **Send**. Repeat this for each recipient.

   To send a message to a predefined distribution list, select *Sending opts* and *Send to list*. To define and edit distribution lists, see "Distribution lists" on page 15.

   Other options are: *Use template*, *Insert options*, *Small fonts* or *Large fonts*, *Clear text*, *Dictionary*, *Instructions*, *Exit editor*, *Sending profile* (refer to "Message settings" on page 16), *Save message* and *Delete*.

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.

Reading a text message (Inbox)

When you have received text messages in standby mode, the number of new messages as well as a ✉ are shown on the display.

1. Press [—] **Read** to view the messages immediately.

   To view the messages later, press [c]. Go to the *Inbox* menu (Menu 01-2) when you want to read the messages.

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2. Use the scroll keys to browse through the message.
3. While reading the message, you can press — **Options** for the following: *Delete*, *Reply*, *Chat*, *Edit*, *Use number*, *Forward*, *As reminder*, *Small fonts* and *Details*.

Sent items

In the *Sent items* menu, you can view the copies of the messages that you have sent. Press — **Options** for the following: *Delete*, *Edit*, *Use number*, *Forward*, *As reminder*, *Small fonts* and *Details*.

Drafts

In the *Drafts* menu, you can view the messages you have saved in the *Write message* menu.

Chat

You can have a conversation with other people using this text message service. Each chat message is sent as a separate text message. The messages received and sent during a chat are not saved.

To start a chat, press — **Menu**, select *Messages* and *Chat*, or select — **Options** and *Chat* when reading a received text message.

1. Key in the other person's phone number or recall it from the phone book, and press — **OK**.
2. Key in your nickname for the chat, and press **OK**.
3. Key in your message, press — **Options**, and select *Send*.
4. The reply from the other person is displayed above the message you sent. To reply to the message, press — **OK** and repeat step 3 above.

   When writing a message, you can press — **Options** and select *Chat name* to edit your nickname or *Chat history* to view the previous messages.

Picture messages

You can receive and send messages that contain pictures (Network Service). Picture messages are saved in the phone. Note that each picture message comprises several text messages. Therefore, sending one picture message may cost more than one text message.

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.

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Receiving a picture message

To view the message immediately, press — **Show**. Press — **Options** and you have the following options for the picture message: *Delete*, *Reply*, *Chat*, *Edit text*, *Save picture*, *As scr. saver*, *Use number*, *As reminder* and *Details*.

Distribution lists

If you need to send messages frequently to a fixed group of recipients, you can define a distribution list and use it when sending a message. You can define up to 6 distribution lists with up to 10 recipients in each. The phone sends a text message to each recipient separately.

To add a new distribution list, press — **Menu**, select *Messages* and *Distribution lists*. Press **Options** and select *Add list*. Give the distribution list the name that you want and press — **Options** and select *View list*. To add a contact to the list, press — **Options** and select *Add contact*. You can add up to 10 recipients to one distribution list.

To view and edit distribution lists, press — **Menu** and select *Messages*, and *Distribution lists*.

If a message fails to be sent to one or more recipients, a report listing the number of failures, successful sendings and not found names will be displayed. You can select each category by pressing — **Select**.

- Names in the not found group are names in the distribution list that have been deleted from the phone book. You can remove them from the list by pressing *Remove*.
- *Resend* to resend the message to the failed recipients.
- *View* to view the list of failed recipients.

Templates

You can view or edit the preset messages ('templates') that you can use for writing a message.

Smileys

You can edit and store the smileys such as ":-)", and use them in compiling messages.

Delete messages

Press — **Menu**, select *Messages* and *Delete messages*.

To delete all read messages from all folders, select *All read* and press — **OK**. Then press — **OK** when *Delete read messages from all folders?* is displayed.

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To delete all the read messages in a folder, scroll to the folder and press — **OK**. Then press — **OK** when *Delete all read messages from folder?* is displayed.

Message settings

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

Profile 1 (Menu 1-11-1) [1]

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

Each set has the following settings: *Message centre number*, *Messages sent as*, *Message validity* and *Rename sending profile*. You need the message centre number to send text and picture messages. You can obtain this number from your service provider.

Common (Menu 1-11-2) [2]

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* and *Character support*.

Select *Character support* to define how the phone handles Unicode characters in text messages[3].

If you select the *Full* option, the phone sends all the Unicode characters, such as 'á' and Cyrillic characters, included in a text message to a compatible phone, if supported by your network.

If you select the *Reduced* option, the phone tries to convert the Unicode characters into the corresponding non-Unicode characters, for example 'á' to 'a', and converts the lower case Greek characters into upper case. If no such non-Unicode counterpart exists, the characters are sent as Unicode characters.

Info service

With this Network Service, you can receive messages on various topics from the network. For details, contact your service provider.

Voice mailbox number

You can save and change the phone number of your voice mailbox (Network Service).

1. The total number of sets depends on how many sets your SIM card offers.
2. The shortcut number of this menu depends on the number of sets available. Here, it is assumed that only one set is available.
3. Availability of this menu may vary according to your service provider.

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Service command editor

You can send service requests to your service provider. Key in the characters you want. Press and hold * to switch between letters and numbers. Press **Send** to send the request.

Contacts (Menu 2)

You can save names and phone numbers in the phone's memory (internal phone book) and in the SIM card's memory (SIM phone book). The internal phone book can store up to 50 names.

Searching for a name and phone number

In standby mode, press **Menu** and select *Contacts* and *Search*. Key in the first character(s) of the name you are looking for and press **Search**. Press ^ or v to find the name you want.

If the name or phone number is saved in the SIM card memory, is shown at the upper right corner of the display; if it is saved in the phone's internal memory, is shown instead.

QUICK SEARCH: Press v in standby mode, key in the first letter of the name. Scroll with ^ or v to find the name you want.

You can also use the following options:

- *Service nos.* to call the service numbers of your service provider if the numbers are included on your SIM card. (Network Service).
- *Info numbers* to call the information numbers of your service provider if the numbers are included on your SIM card. (Network Service).
- *Add contact* to save names and phone numbers in the phone book.
- *Delete* to delete names and phone numbers from the phone book one by one or all at once.
- *Edit* to edit the names and numbers in *Contacts*.
- *Copy* to copy names and phone numbers all at once or one by one from the phone's memory to the SIM card's memory, or vice versa.

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- *Assign tone* to set the phone to play the ringing tone you want when you receive a call from a particular phone number. Select the phone number or name you want and press **Assign**. Note that this function only works when both the network and the phone are able to identify and send the caller's identity.
- *Send phone no.* to send a person's contact information as an Over The Air (OTA) message if supported by the network.

Settings for Contacts

In standby mode, press **Menu** and select *Contacts* and *Settings*. Then select:

- *Memory in use*: to select whether the names and phone numbers are saved in *Phone* or *SIM card*. Note that when you change the SIM card, *SIM card* memory is automatically selected.
- *Contacts view*: to select how the names and phone numbers are shown, either *Name and no.* (one name and number at a time), or *Contacts list* (three names at a time).
- *Memory status*: to check how many names and phone numbers are already saved and how many can still be saved in each phone book.

Call register (Menu 3)

The phone registers the phone numbers of missed, received and dialled calls, and the approximate length and cost of your calls. You can also view and adjust the settings of a prepaid SIM card (Network Service).

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.

Recent call lists

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

Call counters and call timers

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.

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- *Call duration*: Shows the approximate duration of your outgoing and incoming calls. You can reset these call timers by selecting *Clear timers*.
- *Call costs*: Shows the approximate cost of your last call or all calls in terms of units specified within the *Show costs in* function.
- *Call cost settings*: With *Call cost limit*, you can limit the call costs to the desired amount of charging units or units of currency (Network Service). With *Show costs in*, you can select the units in which the phone shows the remaining talk-time (contact your service provider for charging unit prices).
- *Prepaid credit*: When using 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* (show or hide remaining units in standby mode), *Credit available* (amount of remaining units), *Last event costs* and *Recharge status*.

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

Tones (Menu 4)

In this menu, you can change the settings of the currently selected profile and create ringing tones of your own. See "Profiles (Menu 5)" on page 20.

- *Ringing tone*: Sets the tone that you hear when you receive a call.
- *Ringing volume*: Sets the volume level for the ringing and message alert tones.
- *Incoming call alert*: Defines how the phone notifies you of incoming voice calls. For example, when *Off* is selected, the phone stays silent when you receive a call and is shown in standby mode.
- *Message alert tone*: Sets the tone that you hear when you receive a text message.

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- *Keypad tones*: Sets the volume for keypad tones.
- *Warning tones*: Sets the phone to sound tones, e.g. when the battery is running out of power.
- *Vibrating alert*: Sets the phone to vibrate when you receive a call or a text message.
- *Rhythmic backlight alert*: Sets the backlights of the phone to flash in the rhythm of the selected ringing tone or message alert tone. The vibrator does not operate when the phone is connected to a charger or a desktop stand.

Profiles (Menu 5)

You can customise the phone tones for different events and environments. Initially, personalise the setting groups and profiles to your liking and then you only need to activate a profile to use it.

Activating a profile and changing its settings

In the Profiles menu, select the profile and select *Activate*.

To change the settings of the selected profile, select *Personalise*. Select: *Ringing tone*, *Ringing volume*, *Incoming call alert*, *Message alert tone*, *Keypad tones*, *Warning tones*, *Vibrating alert*, *Rhythmic backlight alert*, *Screen saver*, or *Rename* (not available under *General*). Select the option you want and press — **OK**.

You can also change the settings of the currently selected profile in *Tone settings*, see "Tones (Menu 4)" on page 19.

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

Settings (Menu 6)

In this menu you can adjust various settings of the phone. You can also reset some menu settings to their default values by choosing *Restore factory settings*.

Time settings

Clock

To set the phone to show the current time in standby mode, adjust the time, and select the 12-hour or 24-hour time format. If the battery was removed from the phone, you may need to set the time again.

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Date setting

To set the correct date. If the battery was removed from the phone, you may need to set the date again.

Auto update of date & time

This Network Service updates the date and time according to the current time zone. The automatic update of date and time does not change the time you have set for the alarm clock or the reminder notes. They are in local time. Updating may cause some alarms that you have set to expire.

Call settings

- *Call divert* To divert your incoming calls to your voice mailbox or to some other phone number (Network Service).

  Select the divert option you want, for example, select *Divert if busy* to divert the calls when you are on a call or when you reject a call.

  Several divert options may be active at the same time. When *Divert all voice calls* is activated, is shown on the display in standby mode.

  Set the selected option on (*Activate*) or off (*Cancel*), check whether the option is activated by selecting *Check status*, or specify a delay for certain diverts in *Set delay* (not available for all divert options).

- *Automatic redial*: To set your phone to make up to ten attempts to connect the call after an unsuccessful call attempt.

- *Speed dialling*: When speed dialling is on, you can dial the names and phone numbers assigned to the speed dial keys 2 abc to wxyz 9 by pressing and holding the corresponding key.

- *Call waiting service*: When this Network Service is activated, the network notifies you of a new incoming call while you have a call in progress. Press — **Answer** to answer the waiting call. The first call is put on hold. Press — **End** to end the active call.

- *Send my caller identity*: To set your phone number to be displayed (*On*) or hidden (*Off*) from the person you are calling (Network Service). When you select *Preset*, the setting agreed with your service provider is used.

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- *Line for outgoing calls*: With this Network Service, you can select the phone line 1 or 2 for making calls, or prevent line selection, if supported by your SIM card.

  Incoming calls can be answered no matter which line you select. However, you will not be able to make calls if you select line 2 without subscribing to this Network Service. When line 2 is selected, **"2"** is shown on the display in the standby mode.

Phone settings

Language: To select the language for the display texts.

Cell info display: To set the phone to indicate when it is used in a cellular network based on Micro Cellular Network (MCN) technology (Network Service). For more information, contact your service provider.

Welcome note: You can key in a message that will be shown briefly on the display when the phone is switched on.

Network selection: To set the phone to automatically select a cellular network available in your area, or you can select the network manually. The network you select must have a roaming agreement with your home network.

Confirm SIM service actions: To set the phone to show or hide confirmation messages when you use the SIM card services (see "SIM services (Menu 11)" on page 27).

Enhancement settings

Enhancement settings menu is shown only if the phone is or has been connected to an enhancement such as the headsets.

Press **Menu**, select *Settings* and *Enhancement settings*. Select *Headset* or *Handsfree*.

- Select *Default profile* to select the profile the phone uses when the aenhancement is connected.
- Select *Automatic answer* to set the phone to automatically answer an incoming call after five seconds. If the *Incoming call alert* is set to *Beep once* or *Off*, automatic answer will not be used.
- Select *Lights* to set the lights permanently *On*. Select *Automatic* to set the lights on for 15 seconds after a keypress. The *Lights* option is available only when *Handsfree* is selected.

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Keyguard settings

You can set the keypad of your phone to lock automatically, *Automatic keyguard*, after a preset time delay when the phone is in standby mode and no function of the phone has been used. You can also use the Security keyguard to lock the keypad of the phone with a security code, *Keyguard code*.

- Press — **Menu** and select *Settings* and *Keyguard settings*. To activate the *Automatic keyguard* select *On* and the phone displays *Set delay:*. Key in the time and press — **OK**. You can set the time from 10 seconds to 59 minutes 59 seconds. To deactivate the automatic keyguard, select *Off*.
- Press — **Menu** and select *Settings*, *Keyguard settings* and *Keyguard code*. To activate the security keyguard, key in the security code and press — **OK**. See "Access codes" on page vi. After you have selected *On*, the phone asks for the security code every time you press — **Unlock**. To deactivate the security keyguard, select *Off*.

See also "Locking the keypad" on page 7.

Security settings

Note: When security features, which restrict calls, are in use (call barring, closed user group and fixed dialling), calls may be possible to certain emergency numbers in some networks (e.g. 112 or other official emergency number).

- *PIN code request*: You can set your phone to ask for the PIN code of the SIM card when the phone is switched on. Some SIM cards do not allow the turning off of this function.
- *Call barring service*: With this Network Service, you can restrict the making and receiving of calls with your phone. Select one of the barring options and set the option on (*Activate*) or off (*Cancel*) or check whether a service is activated (*Check status*).
- *Fixed dialling*: You can restrict your outgoing calls to selected phone numbers (Network Service).
- *Closed user group*: With this Network Service, you can specify a group of people whom you can call and who can call you.

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- *Security level*: To set the phone to ask for the security code when a new SIM card is inserted in the phone, *Phone*, or when you select the phone's internal phone book, *Memory*.

  Note that when you change the security level, all the recent calls lists, including missed calls, received calls and dialled numbers, are cleared.
- *Change of 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.

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

Restore factory settings

To reset some of the menu settings to their original values. Press [—] **Menu**, select *Settings* and *Restore factory settings*. Key in the security code and press [—] **OK**. The names and phone numbers saved in the phone book are not deleted.

Alarm clock (Menu 7)

You can set the alarm to sound at the time you want just once, or repeatedly, for example every working day.

Press [—] **Menu**, select *Alarm clock*. Key in the time for the alarm. When the alarm sounds, you can stop the alarm by pressing [c]. If you press [—] **Snooze**, the alarm stops and rings again in 6 minutes.

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 [c], the phone asks whether you want to activate the phone for calls. Press [c] to switch off the phone or **Yes** to make and receive calls.

Note: Do not press **Yes** when wireless phone use is prohibited or when it may cause interference or danger.

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Reminders (Menu 8)

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.

With this memory aid, you can save short text notes with an alarm. The alarm is activated when the set date and time is reached.

You can select the following options: *Add new*,*View all*, *Delete*, *Edit* or *Send* to add a new reminder, view, edit or send the existing reminders and delete the reminders one by one or all at once.

When the reminder time is reached, you can stop the alarm by pressing c. If you press — **Snooze**, the phone alarms again in about 10 minutes.

Games (Menu 9)

The phone offers you some games to play. Each game is provided with a brief help text.

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.

Adjusting common game settings

Select *Settings*. You can set the sounds, lights and vibrations (*Shakes*) for the game. Note that when *Warning tones* is off, there may be no sound even if *Game sounds* is on, and when *Vibrating alert* is off, the phone does not vibrate even if the *Shakes* is on.

Extras (Menu 10)

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.

Calculator

The phone is provided with a calculator that can also be used for rough currency conversions.

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This calculator has limited accuracy and rounding errors may occur, especially in long divisions.

Press — **Menu** in standby mode, and select *Extras* and *Calculator*.

Making a calculation

- The keys 0 ␣ to wxyz9 insert a digit. * # inserts a decimal point. Press C to delete the last digit. To change the sign, press **Options** and select *Change sign*.
- Press * + once for "+", twice for "-", three times for "*" and four times for "/".
- To get the result, press — **Options** and select *Equals*. Press and hold C to clear the display for a new calculation.

Making a currency conversion

To save the exchange rate: Press — **Options**, select *Exchange rate*, select *Foreign unit expressed in domestic units* or *Domestic unit expressed in foreign units*, key in the value (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*.

Stopwatch

The stopwatch can be used for time measurement, for example in different sports. Press — **Menu**, and select *Extras* and *Stopwatch*.

Press — **Start** to start timing. To take the time, press — **Stop**. When the timing is stopped, you can press — **Options** for *Start*, *Reset* or *Exit*. If you select *Start*, timing continues from the previous stop time. *Reset* stops the current timing and sets the time to zero.

To set the timing to continue in the background, press and hold C twice. While the time is running, is flashing 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.

Countdown timer

You can set the alarm to sound after a period of lapsed time.

Press — **Menu**, select *Extras* and *Countdown timer*. Key in the alarm time and press — **OK**. You can also key in a note for the alarm, change the time and stop the timer.

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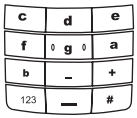
When the timer is running, is shown in standby mode.

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

Composer



You can create your own ringing tones. Select the tone that you want to edit and key in the notes. For example, press 4 ghi for note **f**.

8 tuv shortens (-) and wxyz9 lengthens (+) the duration of the note or rest. 0 inserts a rest. * + sets the octave. # makes the note sharp (not available for notes **e** and **b**). and move the cursor left or right. Press C to delete a note or rest to the left of the cursor.

When the tone is complete, press **Options** and select *Play*, *Save*, *Tempo*, *Send*, *Clear screen* or *Exit*.

Screen saver

You can select that a picture is activated on the phone display after a certain length of time, *Time-out*. Press **Menu** and select *Extras* and *Screen saver*. Select the picture and the timeout after which the screen saver will be activated. Note that the screen saver overrides all the graphics and texts on the display in standby mode.

Flashlight

See "Flashlight" on page 5.

SIM services (Menu 11)

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

Note: For availability, rates and information on using SIM services, contact your SIM card vendor, e.g. network operator, service provider or other vendor.

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.

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5. Battery information

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.

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.

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6. Genuine Enhancements

A new extensive range of enhancements is available for your phone. Select the enhancements which accommodate your specific communication needs.

Some of the enhancements are described in detail below.

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

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

Use only batteries, chargers and enhancements 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

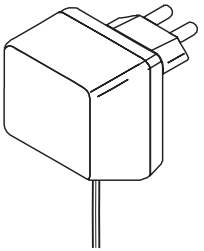
Type	Tech	Talktime*	Standby*
BL-5C	Li-Ion	2 - 4 hrs 30 mins	100 - 400 hrs

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

Indoor

Standard Charger (ACP-7)

Small, lightweight and durable charger ACP-7 provides and easy and convenient way to charge the phone. It is easy to connect to phone or desktop stand.



Note: The plug types vary according to different markets.

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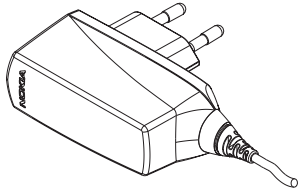
Travel Charger (ACP-12)

Small, lightweight travel charger with multivoltage (100 - 240V) switcher technology. Provides easy and convenient way to charge the phone.

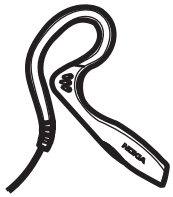


Note: The plug types vary according to different markets.

Indoor and Vehicle

Boom Headset (HDB-5)

Compact and functional, the Boom Headset provides you with a convenient, portable hansfree facility. For operation, safety, care and maintenance, see your phone's user's guide.



Vehicle

Mobile Charger (LCH-9)

The multi-voltage Mobile Charger, LCH-9, ensures 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.

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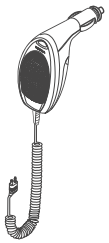
Plug and Play Handsfree (PPH-1)

To provide you with a convenient and portable handsfree facility while in vehicle, this kit comes with a built-in speaker which allows you to talk and charge your phone at the same time. You should ensure that the kit, which requires an input voltage of 12 volts, can be properly plugged into the cigarette lighter socket and does not hamper the operation of your vehicle. Simply connect the mobile charger to your vehicle's cigarette lighter socket and to your phone. Should be used together with an in-vehicle holder. May be used with or without optional external microphone HFM-8. Charging time is dependent on the condition of the battery.



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7. 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.

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8. 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 (6 inches) 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 (6 inches) 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.

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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.

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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.

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 landing networks as well as user-programmed functions. Because of this, connections in all conditions cannot 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 and hold c twice for several seconds 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 **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.

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Certification information (SAR)

THIS MODEL PHONE MEETS INTERNATIONAL GUIDELINES 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) recommended by international guidelines (ICNIRP). These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines 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 stated in the international guidelines 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.

The highest SAR value for this model phone when tested for use at the ear is 0.67 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the relevant international guidelines for RF exposure.

This product meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 1.5 cm away from the body. When a carry case, belt clip or holder is used for body-worn operation, it should not contain metal and should position the product at least 1.5 cm away from your body.

* The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of body tissue. The guidelines incorporate 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 http://www.nokia-asia.com.

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