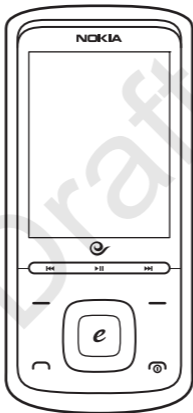


# RM-595 User Guide

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### FCC NOTICE

Your device may cause TV or radio interference (for example, when using a telephone in close proximity to receiving equipment). The FCC can require

you to stop using your telephone if such interference cannot be eliminated. If you require assistance, contact your local service facility. This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by Nokia could void the user's authority to operate this equipment.

xxxxxxx/Issue 1

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# Contents

SAFETY.....	7
<b>1. Get started.....</b>	<b>11</b>
Install the UIM card and battery.....	11
Insert and remove the microSD card.....	13
Charge the battery.....	15
Switch your device on or off.....	16
Normal operating position.....	16
Access codes.....	17
Nokia support on the web.....	18
<b>2. Your device.....</b>	<b>19</b>
Keys and parts (front).....	19
Keys and parts (back).....	20
Standby mode and shortcuts.....	21
Active Standby.....	22
Keyguard.....	23
<b>3. Call functions.....</b>	<b>24</b>
Make a call.....	24
Answer or reject a call.....	24
Conference call.....	25
Loudspeaker.....	25
Voice dialling.....	26
<b>4. Write text.....</b>	<b>28</b>
Switch between input methods.....	28
Pinyin input method.....	29
Stroke input method.....	29
Phrase input.....	31
Set predictive English input on and off.....	33

Traditional English input.....	33
Predictive English input .....	33
Tips for writing text.....	34
<b>5. Voice commands.....</b>	<b>36</b>
Activate and use voice commands.....	36
Voice commands settings.....	37
<b>6. Menu functions.....</b>	<b>38</b>
Messaging .....	38
Contacts.....	47
Log.....	49
esurfing .....	50
Web.....	50
Best Tone.....	51
Customer Service .....	51
Settings.....	51
Gallery .....	64
Media.....	65
Organiser.....	71
Extras.....	75
<b>7. Accessories.....</b>	<b>76</b>
<b>8. Battery and charger information .....</b>	<b>77</b>
Battery information.....	80
Nokia battery authentication guidelines.....	81
<b>Care and maintenance.....</b>	<b>84</b>
<b>Additional safety information .....</b>	<b>87</b>
<b>Index .....</b>	<b>95</b>

# SAFETY

Read these simple guidelines. Not following them may be dangerous or illegal. Read the complete user guide for further information.



## SWITCH ON SAFELY

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



## ROAD SAFETY COMES FIRST

Obey all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety.



## INTERFERENCE

All wireless devices may be susceptible to interference, which could affect performance.



## SWITCH OFF IN RESTRICTED AREAS

Follow any restrictions. Switch the device off in aircraft, near medical equipment, fuel, chemicals, or blasting areas.



## QUALIFIED SERVICE

Only qualified personnel may install or repair this product.



#### ACCESSORIES AND BATTERIES

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



#### WATER-RESISTANCE

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

## ■ About your device

The wireless device (RM-595) described in this guide is approved for use on the CDMA 800 MHz network. Contact your service provider for more information about networks.

When using the features in this device, obey all laws and respect local customs, privacy and legitimate rights of others, including copyrights.

Copyright protection may prevent some images, music, and other content from being copied, modified or transferred.

Your device may have preinstalled bookmarks and links for third-party internet sites. You may also access other third-party sites through your device. Third-party sites are not affiliated with Nokia, and Nokia does not endorse or assume liability for them. If you choose to access such sites, you should take precautions for security or content.





**Warning:** To use any features in this device, other than the alarm clock, the device must be switched on. Do not switch the device on when wireless device use may cause interference or danger.

Remember to make back-up copies or keep a written record of all important information stored in your device.

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

## ■ Network services

To use the device you must have service from a wireless service provider. Many of the features require special network features. These features are not available on all networks; other networks may require that you make specific arrangements with your service provider before you can use the network services. Using network services involves transmission of data. Check with your service provider for details about fees in your home network and when roaming in other networks. Your service provider can give you instructions and explain what charges will apply. Some networks may have limitations that affect how you can use network services. For instance, some networks may not support all language-dependent characters and services.

Your service provider may have requested that certain features be disabled or not activated in your device. If so, these features will not appear on your device menu. Your device may also have a special configuration such as changes in menu names, menu order, and icons. Contact your service provider for more information.

This device supports WAP 2.0 protocols (HTTP and SSL) that run on TCP/IP protocols. Some features of this device, such as sending e-mail, browsing websites, or downloading files require network support for these technologies.

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# 1. Get started

## ■ Install the UIM card and battery



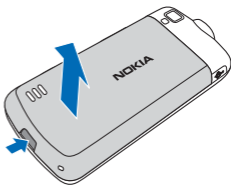
**Note:** Always switch the phone off and disconnect the charger and any other device before removing the cover. Avoid touching electronic components while changing the cover. Always store and use the device with the cover attached.



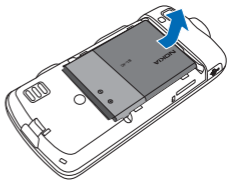
**Note:** Always switch the device off and disconnect the charger before removing the battery.

### Remove the back cover and battery

1. To remove the back cover, with the back of the device facing you, press the release button, and lift up the back cover.

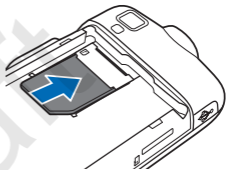


2. To remove the battery, insert your finger into the finger grip, and lift the battery from its compartment.



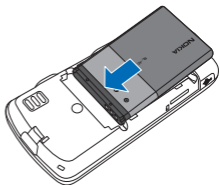
### Insert the UIM card

Ensure that the contact area on the UIM card is facing downwards and the bevelled corner on the card is facing outwards from the top of the device, and insert the UIM card into the card slot.

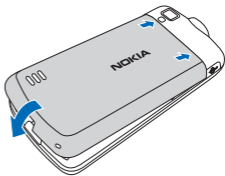


### Replace the battery and back cover

1. To insert the battery, position the battery by aligning the contacts with those on the device, and press down on the other end of the battery to snap the battery into place.



2. To replace the back cover, insert the tabs at the top of the cover into the slots in the device, and press down on the other end of the back cover.

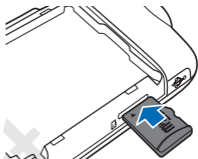


## ■ Insert and remove the microSD card

Use only compatible microSD cards approved by Nokia for use with this device. Nokia uses approved industry standards for memory cards, but some brands may not be fully compatible with this device. Incompatible cards may damage the card and the device and corrupt data stored on the card.

## Insert the microSD card

1. Remove the back cover. See step 1 in "Remove the back cover and battery", p. 11.
2. Ensure that the contact area on the microSD card is facing downwards, and insert the microSD card into the card slot until it clicks into place.
3. Replace the cover. See step 2 in "Replace the battery and back cover", p. 12.



## Remove the microSD card



**Important:** Do not remove the memory card in the middle of an operation when the card is being accessed. Removing the card in the middle of an operation may damage the memory card as well as the device, and data stored on the card may be corrupted.

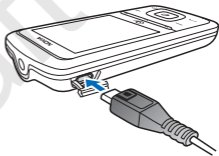
1. Remove the back cover. See step 1 in "Remove the back cover and battery", p. 11.

2. Press the microSD card slightly into the card slot, release to eject the card, and remove it from the slot.
3. Replace the cover. See step 2 in "Replace the battery and back cover", p. 12.

## ■ Charge the battery

Your battery has been partially charged at the factory. If the device indicates a low charge, do the following:

1. Connect the charger to a wall socket.
2. Connect the charger to the device.
3. When the device indicates a full charge, disconnect the charger from the device, then from the wall outlet.



You do not need to charge the battery for a specific length of time, and you can use the device while it is charging. If the battery is completely discharged, it may take several minutes before the charging indicator appears on the display or before any calls can be made.

## ■ Switch your device on or off

Press and hold the power key on the keypad for at least three seconds.



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

## ■ Normal operating position

Your device has an internal antenna. Use the device only in its normal operating position.







**Note:** Your device may have internal and external antennas. As with any radio transmitting device, avoid touching the antenna area unnecessarily while the antenna is transmitting or receiving. Contact with such an antenna affects the communication quality and may cause the device to operate at a higher power level than otherwise needed and may reduce the battery life.



## ■ Access codes

When the device or keypad is locked, calls may be possible to the official emergency number programmed into your device. Making an emergency call in the offline profile or when the device is locked requires that the device recognise the number to be an official emergency number. It is advisable to change the profile or unlock the device by entering the lock code before you make the emergency call.

To activate the device when it is locked, enter the lock code. The default lock code is 1234.

To define the security settings for your device, select **Menu** > *Settings* > *Security*.

## ■ **Nokia support on the web**

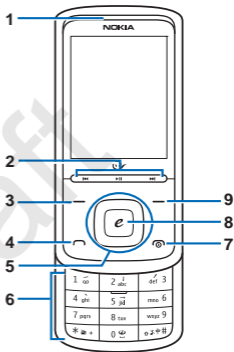
Check [www.nokia.com/support](http://www.nokia.com/support) or your local Nokia website for the latest guide, additional information, downloads, and services related to your Nokia product.

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## 2. Your device

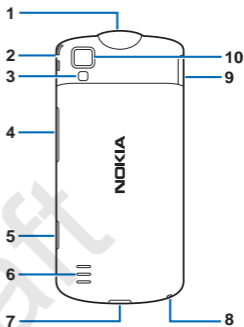
### ■ Keys and parts (front)

1. Earpiece
2. Media keys
3. Left selection key
4. Call key
5. Navi™ key; hereafter referred to as scroll key
6. Keypad
7. Power/End key
8. Middle selection key
9. Right selection key



## ■ Keys and parts (back)

1. Headset connector
2. Wrist strap eyelet
3. Flash
4. Volume keys
5. Camera key
6. Speaker
7. Release button
8. Microphone
9. Charger/USB port
10. Camera lens

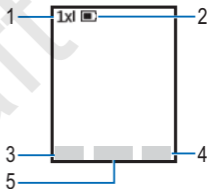


## ■ Standby mode and shortcuts

Generally, instructions in this guide start from the standby mode except when specifically indicated. To go to the standby mode, press the power/end key.

Depending on your wireless service provider, some or all of the following selection keys may appear in the standby mode.

1. Signal strength – The signal strength of the wireless network at your current location.
2. Battery level – The battery charge level.
3. **Menu** – Press the left selection key to access the main menu.
4. **Go to** – Press the right selection key to quickly access a certain feature.
5. **Web** – Press the middle selection key to access mobile internet service.



Shortcuts in the standby mode:

- To access the list of dialled numbers, press the call key once.
- To switch between General profile and Silent profile, press and hold # for at least three seconds.
- To activate the radio function, press and hold \* for at least three seconds.
- For shortcuts of scroll key, see "My shortcuts", p. 56.

## ■ Active standby

To activate the active standby mode, scroll up in the standby mode. To access a feature, scroll left or right to select the feature and select **Select**. To end the active standby navigation mode, select **Exit**.

To switch on the mode, select **Menu** > *Settings* > *Display* > *Active standby* > *Active standby mode*.

To change the default application shortcuts, select **Menu** > *Settings* > *Display* > *Active standby* > *Personalise view*.

## ■ Keyguard

Keyguard locks the keypad to prevent accidental key presses.

When the keypad is locked, calls still may be possible to the official emergency number programmed into your device. Enter the emergency number, and press the call key. The number is displayed only after you have entered its last digit.

To lock the keypad automatically when no keys are pressed for a certain time, in the standby mode, select **Menu** > **Settings** > **Phone** > **Automatic keyguard** > **On**.

To lock the keypad, close the slide, and select **Lock**.

To unlock the keypad, open the slide or press **Unlock** then press \* within 2 seconds.

If you receive a call when the keypad is locked, it is automatically unlocked, and then locked again when you end the call.

## 3. Call functions

### ■ Make a call

1. In the standby mode, enter the phone number, including the country code and area code if necessary.
2. Press the call key.
3. To end the call or to cancel the call attempt, press the end key.

### ■ Answer or reject a call

To answer a call, press the call key or open the slide. To reject an incoming call, press the end key.



## ■ Conference call

Conference call (network service) allows you to take part in a call with another two participants.

1. To call a third party during a call, select **Options** > *New call*.
2. Enter the number you want, and press the call key.
3. When the new call is answered, press the call key.
4. To end the conference call, select **Options** > *End all calls*, or press the end key.

## ■ Loudspeaker



**Warning:** Do not hold the device near your ear when the loudspeaker is in use because the volume may be extremely loud.

To activate the loudspeaker during a call, select **Loudsp.**  
To deactivate the loudspeaker, select **Normal**. When a headset is connected, select **Heads**.

The loudspeaker is deactivated automatically when a call (or a call attempt) ends or when certain accessories are connected.

## ■ Voice dialling

You can make a phone call by saying the name or the number that is saved in the contact list of the device. Voice tags are automatically created when a new contact is added.



**Note:** Using voice tags may be difficult in a noisy environment or during an emergency, so you should not rely solely upon voice dialling in all circumstances.

As voice commands are language-dependent, before voice dialling, select **Menu** > **Settings** > **Phone** > **Language settings** > **Recogn. language** and your language.

To activate voice dialling, press and hold the right selection key or the volume key down. A short tone sounds, and **Say a command** is displayed.

To deactivate voice dialling, press the end key.

To make a call by voice dialling, clearly say Call then the name or the number of the contact you want to dial. If the device recognises the name you spoke, it shows a list of matches.

To listen to a voice tag, select **Menu** > *Contacts* > *Names* > a contact > *Details* > contact name > **Options** > *Play voice tag*.

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## 4. Write text






The input methods available in the phone are preset according to the market where it will be sold.

This phone supports simplified Chinese input methods.

To switch writing language, when writing text, press and hold #, and select *Writing language* and the desired language.

### ■ Switch between input methods

Input method indicators are shown at the top of the display:

Pinyin		Lower case	
Stroke		Number input	
Uppercase			

Not all the methods may be available in all circumstances. Always check the indicator to see which input method is in use.

To switch between available input methods, press # repeatedly until the indicator of the desired input method is displayed.

## ■ Pinyin input method

The pinyin symbols are printed on the number keys. You only need to press a key once, regardless of the position of the symbol on the number key. The phone makes logical combinations of the pinyin symbols.

To input a character using the pinyin input method:

1. Press the number key once for each pinyin symbol you want to input (use "v" for "u").
2. Press 1 repeatedly until you get the desired tone mark.
3. If necessary, press \* repeatedly to highlight the desired pinyin combination.
4. Scroll to the desired Chinese character, and select **OK**.

## ■ Stroke input method

The strokes constituting Chinese characters have been divided into five categories: horizontal, vertical, left-

falling, dot, and turning. Each category corresponds to a number key from 1 to 5, respectively.

按键	1	2	3	4	5
笔画分类	一	丨	丿	丶	→

The strokes are classified according to the following table:

数字键	笔画分类	包含笔画	例字	说明
1	横 一	一 丿 丶	十、慧 七、冰、骏 羽、输、泰	基本运笔方向：左→右 提(㇇)归为横
2	竖 丨	丨 丿	十 了、小、利	基本运笔方向：上→下 左竖钩(丿)归为竖
3	撇 丿	丿	人、川、牛 小、常	基本运笔方向：上→左下 注意撇与提的区别
4	点 丶 丶	丶 丶 丶	主 心、家 入、边	基本运笔方向：左上→右下 捺(㇇)归为点 注意捺及左点也包括在内
5	折 →	乙 一 ㇇ ㇇ ㇇ ㇇ ㇇ ㇇ レ ㇇ ㇇	亿、 买、安 习、内 口、建 除、鸟 与、鸟 凹、 语、凹 儿、飞 各 以、饭 能、云、好 独、 代、心	包含各种带转折的笔画 注意左竖钩除外

To use the stroke input method:

1. In the standard stroke order, press the number keys to input the strokes.



**Tip:** if you are not sure which stroke to use or which category it belongs to, press **6** to substitute that stroke, then continue with the subsequent strokes. A question mark appears in the input area to represent that stroke.

2. Scroll to the desired Chinese character, and select **OK**.

## ■ Phrase input

You may input a phrase of no more than seven Chinese characters at a time.

1. Press the relevant number keys to enter the syllable or pinyin initial, or first strokes for the first character of the phrase.
2. Press **0** to enter a separator; or, if in the pinyin mode, press **1** repeatedly to enter the tone mark of the character you want.
3. Enter the syllable or pinyin initial, or first strokes of the next Chinese character.

4. Repeat step 2 and 3, if necessary, to enter the syllables or pinyin initials, or first strokes of all the characters in the phrase.
5. If in the pinyin mode, press \* repeatedly, if necessary, to highlight the pinyin combination you want.
6. Scroll through the candidate list to the desired phrase, and select **OK**.

Not all phrases are stored in your phone. To create a phrase of no more than seven characters, when no input symbol or prediction list is displayed, select **Options** > *User phrases* > *Add*. When the database becomes full, the new phrase replaces the phrase that has not been accessed for the longest time.

Use a separator to separate pinyin strings for syllables of different characters or the strokes of different characters.

When you enter a separator, the phone predicts characters or character strings that can form a phrase with the possible candidates of the combination of pinyin or stroke strings and separators, if any, that you have entered.



## ■ Set predictive English input on and off

When writing text in English, to switch predictive text input on or off, press and hold #, and select *Prediction on* or *Prediction off*.

## ■ Traditional English input

Press a number key, 2 to 9, repeatedly until the desired character appears.

If the next letter you want is located on the same key as the present one, wait until the cursor appears, or scroll right, and enter the letter.

Not all characters available under a number key are printed on the key. The available characters depend on the selected *Writing language*.

The most common punctuation marks and special characters are available under the number key 1. To access the list of special characters, press \*.

## ■ Predictive English input

Predictive English input is based on a built-in dictionary to which you can also add new words.

1. Start writing a word using the keys **2** to **9**. Press each key only once for one letter.
2. To confirm a word, scroll right or add a space.
  - If the word is not correct, press **\*** repeatedly until the desired word appears, and confirm it.
  - If the **?** character is displayed after the word, the word you intended to write is not in the dictionary. To add the word to the dictionary, select **Spell**. Enter the word using traditional text input, and select **Save**.
  - To write compound words, enter the first part of the word, and scroll right to confirm it. Write the last part of the word, and confirm the word.
3. Start writing the next word.

## ■ Tips for writing text

The following functions may also be available for writing text:

- To insert a number when no input symbol is displayed, press and hold the desired number key.
- To insert a space when there is no candidate or prediction list displayed, press 0.
- To enter a special character after you have finished entering a word or character, press \*.
- To repeat a character to the left of the cursor in the editing window, press and hold \*.
- To end the Chinese character prediction, select [Back](#), or press the relevant keys to start entering new text.

## 5. Voice commands

### ■ Activate and use voice commands

To activate voice command, in the standby mode, press and hold the volume key down or the right selection key. The following options are listed:

- Call <Name or #> – to make a call, say "Call" and followed by a name or a phone number from Contacts
- Send Text <Name or #> – to send a text message, say "Send text" and followed by a name or a phone number from Contacts
- Send MMS <Name or #> – to send an MMS, say "Send MMS" and followed by a name or a phone number from Contacts
- Lookup <Name> – to retrieve and display information of a contact, say "Lookup" and followed by the name from Contacts
- Go To <Menu> – to activate certain device function, say "Go to" and followed by the application name. For

the list of functions to be activated with a voice command, see "Voice commands", p. 62.

- Check <Item> – to check the status, say "Check" and followed by the specific status item or say "Check status" to hear all the status information for your device

To learn how to use the voice recognition, select [Tutorial](#).

## ■ Voice commands settings

To personalise settings for your voice command functions, select [Settings](#) and from the following options:

- *Confirmation* – to set how often the system asks you to confirm the name or number
- *Adaptation* – to adapt the system to your voice for optimal recognition accuracy
- *Modes* – to set the level of audio guidance
- *Speakerphone* – to set how the system uses the speakerphone

## 6. Menu functions

The device functions are grouped into menus. Not all menu functions or option items are described here.

In the standby mode, select **Menu**, scroll to the menu item you want to open, and select it. To exit the current menu level, select **Exit** or **Back**. To return to the standby mode, press the end key.

### ■ Messaging



You can only use messaging services supported by your network or service provider.

### Write and send a text message

1. Select **Menu** > **Messaging** > **Text messages** > **Create message**.
2. Enter the recipient's phone number in the **To** field. To retrieve a phone number from the recently used recipients list of your contacts, select **Add** > **Recently used** or **Contacts**, the recipient, and **Select**. To send to a

contact group, select **Add** > *Contact groups*, the group, and **Select**.

3. Write the message in the Message field, and select **Send**.

## Write and send a multimedia message

To check availability and to subscribe to the multimedia messaging service (network service), contact your service provider.

Only devices that have compatible features can receive and display multimedia messages. The appearance of a message may vary depending on the receiving device.


The wireless network may limit the size of MMS messages. If the inserted picture exceeds this limit, the device may make it smaller so that it can be sent by MMS.


To send a multimedia message, do the following:

1. Select **Menu** > *Messaging* > *Multim. Messages* > *Create message*.
2. Select **Options** > *Add object*, a multimedia folder and the file you want to send.
3. Select **Insert** to insert the files into the message.

4. Press **Options** > *Add another object*, to select the second or third files.
5. Enter the phone number or e-mail address for your recipient, or select **Add** to retrieve a number or address from the contact list.
6. Enter the text for the message and select **Send**.

## Read and reply to a message

When you receive a message, a notification and  are displayed.

1. Select **Show** to read the message or **Exit** to dismiss the notification.  
 in the standby mode indicates that you have unread messages in your inbox.
2. Select **Reply** and from the available options.
3. Enter your reply, and select **Send**.

## Text message settings

Select **Menu** > *Messaging* > *Text messages* > *Message settings*.



Select *Sending options* and from the following:

- *Priority* – to send text messages with normal priority or as urgent
- *Delivery reports* – to receive confirmation when your message is delivered
- *Send callback number* – to send a number to which you want to be called back
- *Signature* – to attach a signature to outgoing message
- *Message validity* – to select the period of validity of a messaging request (network service)

Select *Other settings* and from the following:

- *Save rcvd. text msgs.* – to select where to store received messages
- *Message font size* – to change the font size when reading and writing messages
- *Message overwriting* – When the message memory is full, your device cannot receive any new messages. To select which messages are overwritten when new ones arrive, select *Sent items only*, *Inbox only*, or *S. items & Inbox*.

- *Save sent messages* – to select whether to save, always save, or always prompt to save sent messages to the Sent items folder
- *Queue if no digital* – to select whether to store messages that failed to send in the Outbox folder

Select *Memory status* to view available and used memory.

## Multimedia messages settings

Select *Menu* > *Messaging* > *Multim. Messages* > *Message settings* and from the following:

- *Save sent messages* – to select whether the multimedia messages you send are saved to the Sent items folder
- *Delivery reports* – to select whether to receive message delivery reports
- *Default slide timing* – to set the default time for slides in multimedia messages
- *Allow MMS receptn.* – to select whether to receive multimedia messages. To only receive multimedia messages when you are in your home network, select

*In home network* (network service). For more information, contact your service provider.

- *Incoming MMS msgs.* — to select whether incoming multimedia messages are retrieved automatically or manually, or not at all
- *Allow adverts* — to select whether to block or allow advertisements (network service) sent as multimedia messages; For more information, contact your service provider.
- *Message validity* — to select how long the message centre tries to send your message if the first attempt fails, if the recipient cannot be reached within the validity period, the message is deleted from the message centre
- *Connection settings* — to define connection settings
- *Memory status* — to view available and used memory


## **Inbox, Sent items, and Drafts folders**

All incoming text and multimedia messages are saved in the Inbox folder. The Outbox folder contains unsent and failed messages.

If you have set the device to save the sent messages, they are saved in the Sent items folder.

To save the message you are writing to the Draft folder to edit and send later, select **Options** > *Save as draft* (text message) or *Save message* (multimedia message).

## Delete messages

If your message memory is full and you have incoming messages,  blinks in the standby mode. To receive the messages, delete some of the old messages.

To delete a message, select **Menu** > *Messaging* > *Text messages* or *Multim. Messages*, the message location, the message, and **Options** > *Delete* > *Yes*.

To delete all text messages in a folder, select **Menu** > *Messaging* > *Text messages* > *Delete messages* > *All*, *All read*, *All unread* and the folder.

To delete all multimedia messages in a folder, select **Menu** > *Messaging* > *Multim. Messages* > *Delete messages* and the folder.

## Voice messages

To activate voice mail (network service), contact your service provider. When you subscribe to the service, you receive voice mailbox number. Save the number to your device. For more information, contact your service provider.

To listen to your voice messages, select **Menu** > *Messaging* > *Voice messages* > *Listen to voice msgs.*, or press and hold 1 in the standby mode.

## Browser messages

Browser (network service) allows you to check your e-mail messages with your device. For more information, see "Network services", p. 9.

Select **Menu** > *Messaging* > *Browser msgs.*



**Important:** Exercise caution when opening messages. Messages may contain malicious software or otherwise be harmful to your device or PC.

## QQ

QQ (network service) allows you to converse with other people using instant messages. To check more information about signing up and costs of QQ service, contact your service provider.

Select [Menu](#) > [Messaging](#) > [QQ](#).

## E-mail mailbox

E-mail mailbox (network service) allows you to set up your e-mail account and check e-mail messages on your device. For more information, see "Network services", p. 9.

Select [Menu](#) > [Messaging](#) > [E-mail mailbox](#)



**Important:** Exercise caution when opening messages. Messages may contain malicious software or otherwise be harmful to your device or PC.

## Groups

Groups allow you to send messages to a designated group of people.

To add a new group, select **Menu** > *Messaging* > *Groups* > **Add**, the detail for the group, and **Save**.

## ■ **Contacts**



### Search using the search command

1. Select **Menu** > *Contacts* > *Names* > **Options** > *Search*.
2. Enter the first characters or letters of the name you are searching for, and select **Details**.

### Search using the pop-up window

1. In the standby mode, scroll down to highlight the first name (or number).
2. Enter the first input symbol of the name you are searching for. The symbol is displayed in a pop-up window. If you want, enter more symbols in the pop-up window. The matching names are displayed. The listed names may not be in the same order as in *Names*. When using the *Search* command or pop-up window, to change the input method, press **#**.

To edit the detail, set speed dial, or add to group, highlight the contact, and select **Details** > **Options**.

To define how the contact names are displayed, select **Menu** > **Contacts** > **Settings** and from the available options. To view how much memory your contacts information is using, select **Memory status**.

To empty your contacts list, select **Menu** > **Contacts** > **Del. all contacts**.

## **Groups**

Groups allow you to send messages to a designated group of people.

To add a new group, select **Menu** > **Contacts** > **Groups** > **Add**, the detail for the group, and **Save**.

## **Speed dials**

You can associate a speed dialling slot from 2 to 99 with an entry in the contact list. To activate or deactivate speed dialling, see "Call", p. 58.

To assign a phone number to a speed dialling slot, select **Menu** > **Contacts** > **Speed dials** > an empty speed dialling



slot, and **Assign**. Enter the phone number you want to assign to the key, or select **Search** to retrieve the number from your contacts.

## ■ Log



To view the information on your calls, select **Menu > Log**.

- **Call log** – to view all of the numbers chronologically
- **Missed calls**, **Received calls**, or **Dialled numbers** – to view your most recent missed or received calls or dialled numbers
- **Msg. recipients** – to view the contacts to whom you most recently sent messages
- **Clear log lists** – to delete calls from the log
- **Call duration** – to view the approximate duration of calls; to reset the timers, select **Clear timers**, enter your lock code, and select **OK**



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

- *Data/fax calls* or *Browser calls* – to view the duration or amount of data sent or received during data calls (network service) or using the browser (network service)
- *Positioning* – to view the list of the most recent position notifications and requests (network service)

## ■ esurfing



You can download music and videos with mobile internet services. Check the availability of these services, pricing, tariffs, and instructions with your service provider.

## ■ Web



You can access various mobile internet services with your phone browser. Check the availability of these services, pricing, tariffs, and instructions with your service provider.



**Important:** Use only services that you trust and that offer adequate security and protection against harmful software.

## ■ Best Tone



Best Tone provides you with such information as food and beverage availability, tourist advice, road guide, and hotel reservation. Check the availability of these services, pricing, tariffs, and instructions with your service provider.

## ■ Customer Service



You can access various customer services provided by your service provider. Accessing these services may involve sending messages or making a phone call for which you may be charged. For more details, contact your service provider.

## ■ Settings



### Profiles

Profiles define how your device reacts when you receive a call or message, and how your keypad sounds when you press a key. You can personalise ringing options, keypad tones, and other settings for each of the available profiles.

The available profiles are: *General*, *Silent*, *Meeting*, *Outdoor*, *Flight*, and two customisable ones.

To activate or customise a profile or set a time limit for a profile, select **Menu** > *Settings* > *Profiles*, a profile, and *Activate*, *Personalise*, or *Timed*.

## Blog site

Blog site defines web address where you can upload your pictures or videos.

To add a blog site, select **Menu** > *Settings* > *Blog site* > *Add*, enter the detail of the site, and *Save*.

## Themes

A theme contains various elements for personalising your device.

To change the theme for your device, select **Menu** > *Settings* > *Themes*, a theme, and *Apply*.

## Tones

Tone settings only apply to the currently selected profile.

Select **Menu** > *Settings* > *Tones* and from following:

- *Incoming call alert* – to set the alert type for incoming calls
- *Ringing tone* – to set the tone for incoming calls
- *Ringing volume* – to set the volume level for the ringing tone and message alert tone
- *Incoming call video* – to set a video clip to be played when you receive call
- *Vibrating alert* – to set the device to vibrate when you receive a call or a text message
- *Message alert tone* – to set the tone to sound when you receive a text message
- *Keypad tones* – to select the volume level of the keypad tones
- *End of list tone* – to set a tone to sound when you are at the end of a menu list, contact list, or calls list
- *Other tones* – to select a tone for other functions
- *Application tones* – to set the application default tone
- *Alert for* – to set the device to alert for all calls or only when a member of a selected caller group calls

## Light settings

To turn the light of the media key on or off, select **Menu** > *Settings* > *Light settings* > *Light effects*.

## Display

Select **Menu** > *Settings* > *Display* and from the following options:

- *Wallpaper* – to set a background image that is displayed when the device is in the standby mode
- *Standby font colour* – to set the font colour for text shown in the standby mode
- *Screen saver* – to set a screen saver for the display
- *Slide animation* – to set an animation shown when opening and closing the slide
- *Power saver* – to select the power saver for saving battery
- *Sleep mode* – to turn the phone display off during inactivity
- *Font size* – to select the font size for display text

- *Backlight time-out* – to define how long the backlight remains on
- *Active standby* – to switch the active standby mode on or off, to organise and personalise the active standby mode, and to set the active standby keys
- *Navigation key icons* – to display the icons of the current scroll key shortcuts in the standby mode when the active standby mode is off
- *Transition effects* – to turn transition effect on or off

## Date and time

Select **Menu** > *Settings* > *Date and time* and from the following:

- *Date and time* – to set the date and time, time zone, and daylight saving time
- *Date and time format* – to set the format for the date and time
- *Auto-update of time* – to select if the time in your phone is automatically updated to local time by the network

## My shortcuts

To quickly access your most frequently used functions, add them to the *My shortcuts* menu.

To select a function from the list for the key you want to assign the shortcut to, select **Menu** > *Settings* > *My shortcuts*, the key, the function, and **Select**.

## Connectivity

### Bluetooth connection

This device is compliant with Bluetooth Specification 2.0 with EDR and supports the following profiles: Advance Audio Distribution Profile, A/V Remote Control, Basic Printing Profile, Dial-up Networking, File Transfer Profile, Generic A/V Dist. Profile, Hands Free Profile, Headset Profile, Object Push Profile, and Phone Book Access Profile. To ensure interoperability between other devices supporting Bluetooth technology, use Nokia approved accessories for this model. Check with the manufacturers of other devices to determine their compatibility with this device.



- Operating the device in hidden mode is a safer way to avoid malicious software.
- Do not accept Bluetooth connectivity from sources you do not trust.
- Alternatively, switch off the Bluetooth function. This does not affect other functions of the device.

To activate Bluetooth connectivity, select [Menu](#) > [Settings](#) > [Connectivity](#) > [Bluetooth](#) > [Bluetooth](#) > [On](#).

To connect an audio device using Bluetooth technology, select [Menu](#) > [Settings](#) > [Bluetooth](#) > [Conn. to audio acc.](#)

To pair your phone with any Bluetooth device in range, select [Paired devices](#) > [Add new device](#) > a device > [Add](#).

Enter a password on your phone and allow the connection on the other Bluetooth device.

To see a list of your Bluetooth connections, select [Active devices](#).

To define how your device is shown to other Bluetooth devices, select [My phone's visibility](#) or [My phone's name](#).

Features using Bluetooth technology increase the demand on battery power and reduce the battery life.

## USB data cable

You can transfer data between your device and a compatible PC using a CA-101 USB data cable.



**Important:** To make a phone call, disconnect the USB data cable.

To activate your device for data transfer, connect the data cable, select from the following modes:

- *PC Suite* – to use the data cable connection for Nokia PC Suite
- *Data storage* – to connect to a PC that does not have Nokia software and use your device for data storage
- *Media transfer* – to connect the device to a PC to synchronise it with Windows Media Player
- *Ask on connection* – to be asked for the purpose of the connection each time when the cable is connected

## Call

Select **Menu** > *Settings* > *Call* and from the following options:

- *Anykey answer* – to answer an incoming call by pressing any key except the call key or the left selection key
- *Automatic redial* – to automatically redial a number after an unsuccessful call attempt
- *Speed dialling* – to select whether the number keys (2-99) can be used for calling a number by pressing and holding the key
- *Calling card* – to save up to four calling card numbers in your device to use for long distance calls
- *Abbreviated dialling* – to program a five- or six digits prefix for commonly used phone numbers
- *Preferred carrier* – to select the preferred long distance carrier
- *International prefix* – to make calls using the + sign as the international prefix. The device replaces the + sign in a saved phone number when making a call
- *Data/fax calls* – to set your device to send or receive data calls when connected to a device such as a PDA or PC

- *Call summary* – to display the call duration when you end a call
- *Show call time displ.* – to select whether the duration of the current call is displayed
- *Ringtone no caller ID* – to set whether a tone sounds for calls where there is no caller ID
- *Location info sharing* – to set whether to share the location information of the phone with the network
- *Message response* – to set your device to send a text message when a call is rejected
- *Slide call handling* – to set whether to answer a call by opening the slide and whether to end a call by closing the slide

## Device

Select *Menu* > *Settings* > *Phone* and from the following options:

- *Language settings* – to set the display language of your device, select display *Phone language*. To set a language for voice commands, select *Recogn. language*.

- *Memory status* – to view the free memory and used memory of your device
- *Automatic keyguard* – to set the keypad to lock automatically after a preset time delay
- *DTMF tones* – to set the tone duration when you press the keys on your device keypad
- *Start-up tone and Switch off tone* – to select whether the device sounds a tone when it is switched on or off
- *Welcome note* – to write a welcome note that appears when you switch your device on
- *Phone updates* – to update the phone with the latest software available
- *Help text activation* – to display brief descriptions for most menu items
- *Flight query* – to be asked if the Flight profile should be used each time the device is switched on
- *Gateway settings* – to select the gateway for web browsing
- *BREW EFS enable* – to select whether to allow BREW EFS downloads

- [PPP Setting](#) – to set WAP and BREW settings
- [WAP Pull Position](#) – to select action to take when pull messages are available from the network

## Voice commands

You can use voice commands to control your device.

Voice commands are language-dependent. To set the language, see "Device", p. 60.

## Enhancements

Select [Menu](#) > [Settings](#) > [Enhancements](#), an enhancement, and an option depending on the enhancement.

## Security

To set the security settings for your device, select [Menu](#) > [Settings](#) > [Security](#), enter lock code, and from the available options.

The default lock code is 1234.

## Network

The Network menu allows you to customise how your device chooses which network to operate in while you are within or away from your primary or home system. Your device is set to search for the most effective network. To set which network to use when the device cannot find a preferred network, select [Menu](#) > [Settings](#) > [Network](#) > [Set mode](#), and select a mode.

## Network services

To view the network services available on your device, select [Menu](#) > [Settings](#) > [Network services](#) and from the available options. For more information, contact your service provider.

## Device information

To view the user, version, system, or icon information of your device, select [Menu](#) > [Settings](#) > [Phone details](#), and the corresponding option.

## Restore settings

Select **Menu** > *Settings* > *Rest. factory sett.* and from the following options:

- *Restore settings only* – to reset some of the menu setting to their original signal
- *Restore all* – to restore all settings and delete personal data

## ■ Gallery



Manage images, video clips, music files, themes, graphics, tones, recordings, and received files. These files are stored in the phone memory or on a memory card, and may be arranged in folders.

When a memory card is inserted, a folder with the memory card appears on the list. Select the folder to view the memory card contents.

To see the list of folders, select **Menu** > *Gallery*. To see the available options of a folder, select a folder and **Options**.

To view the list of files in a folder, select a folder and **Open**. To see the available options of a file, select a file and **Options**.



Content owners may use different types of digital rights management (DRM) technologies to protect their intellectual property, including copyrights. This device uses various types of DRM software to access DRM-protected content. With this device you can access content protected with OMA DRM 1.0. If certain DRM software fails to protect the content, content owners may ask that such DRM software's ability to access new DRM-protected content be revoked. Revocation may also prevent renewal of such DRM-protected content already in your device. Revocation of such DRM software does not affect the use of content protected with other types of DRM or the use of non-DRM-protected content.

Digital rights management (DRM) protected content comes with an associated activation key that defines your rights to use the content.

## ■ Media



### Camera and Video

You can take photos and record video clips with the built-in camera. The camera lens is on the back of the device.

Your device supports image capture resolutions of up to 1024x1280 pixels. The camera produces images in JPEG format.

Your device supports image capture resolutions of up to 144x176 pixels. The video clips are saved in 3GP format.

You can send images in a multimedia message. You can also attach an image to a contact to be displayed when the contact calls you.

### Capture an image

In the standby mode, select **Menu** > **Media** > **Camera** or press the camera key.

Keep a safe distance when using the flash. Do not use the flash on people or animals at close range. Do not cover the flash while taking a picture.

To capture an image, press the camera key or **Capture**. The image is saved in the Image folder in Gallery. To capture another image, select **Back**. To send the image as a message, select **Send**. To view more options, select **Options**.

### Record a video clip

In the standby mode, select **Menu** > **Media** > **Video**.

To record a video clip, press the camera key, or select **Record**. To adjust the camera zoom level, press the scroll key or volume key up and down. The video clip is saved in the Recordings folder in Gallery. To record another video clip, select **Back**. To send the video clip in a message, select **Options** > **Send**. To view more options, select **Options**.

### Camera and Video options

In the standby mode, select **Menu** > **Media** > **Camera** or **Video** > **Options** and from the following:

- **Video** or **Still image** – to switch the capture mode to video or photo
- **Brightness** – to change the brightness setting
- **Standard photo** or **Portrait photo** – to switch the capture mode to landscape or portrait
- **Flash on** or **Flash off** – to switch the flash on or off
- **Self-timer** – to use the self-timer to include yourself in the picture. Select the time for the camera to wait before capturing the image after you press the camera key.

- *Img. sequence on* and *Img. sequence off* – to capture three images in succession
- *Mute* – to record a video clip without sound
- *Effects* – to adjust the camera filters
- *White balance* – to change the white balance setting
- *View previous* – to display the last captured image
- *Settings* – to change the camera or video settings

## Media player

The media player supports the following audio formats: midi, CMX codes, mp3, aac, qcelp, amr-nb, wma, aac+, and eaac+; and the following video formats: mpeg4, H.263, and H.264.

Download, view, and play compatible images, audio and video files, and animated images from a variety of sources.



**Warning:** Listen to music at a moderate level. Continuous exposure to high volume may damage your hearing. Do not hold the device near your ear when the loudspeaker is in use, because the volume may be extremely loud.

To open a file, select **Menu** > **Media** > **Media player**, a multimedia folder, **Open**, and the file you want to play, and **Play**.

To start or pause playback, press the middle selection key or the media key ►||.

To fast-forward or rewind playback, press and hold scroll key left/right or ◀◀/▶▶. Release the key at the position you want to continue the playback.

To skip to the next track or file, press the scroll key right or the media key ▶▶. To skip to the beginning of the previous track or file, press the scroll key left or the media key ◀◀.

To close media player, press the end key.

## Voice recorder

Record speech or sound with your device and listen to them later. You can record up to 5 minutes of sound, depending on the available memory.

To start recording, select **Menu** > **Media** > **Voice recorder**, and the record button ●. To stop recording, select the stop button ■. The file is saved in the Recordings folder in Gallery.

After you save a recording, select **Options** > *Play last recorded*, *Send last recorded*, *Recordings list*, or *Select memory*.

## Radio

The FM radio depends on an antenna other than the wireless device antenna. A compatible headset or accessory must be attached to the device for the FM radio to function properly.



**Warning:** Listen to music at a moderate level. Continuous exposure to high volume may damage your hearing.

To listen to the radio, select **Menu** > *Media* > *Radio*.

To start channel search, press and hold the scroll key left/right or the media key **⏮** / **⏭**. To search for available stations, select **Options** > *Search all stations*. To save the channel to a memory location, select **Options** > *Save station*. To go to the next or previously saved station, press the scroll key up/down or the media key **⏮** / **⏭**. To access more options while listening to a channel, select **Options**. To turn the radio off, press the media key **⏸** or select **Options** > *Switch off*.

## Equaliser

The equaliser enhances the sound quality when using the music player.

To use a preset setting when playing music, select **Menu** > *Media* > *Equaliser* > an equaliser set > **Activate**.

To view a setting, select the setting, **Options**, and from the available options.

## ■ **Organiser**



## Alarm clock

The alarm clock is based on the device clock. A set alarm will sound even when the device is switched off.

Select **Menu** > *Organiser* > *Alarm Clock*.

- *Alarm* – to turn on or off the alarm
- *Alarm time* – to set the alarm time
- *Repeat* – to set to repeat the alarm
- *Repeat days* – to set the device to alarm on selected days of the week if Repeat is set to On
- *Alarm tone* – to select a tone for this alarm

- *Snooze time-out* – to select the snooze time out from 2 to 59 minutes

When the alarm sounds, select **Stop** to shut the alarm off, or **Snooze** to postpone it.

## Calendar

To open the calendar, select **Menu** > *Organiser* > *Calendar*. To go to a specific date, select **Options** in the calendar view and *Go to date*, enter the date, and select **OK**.

### **Lunar calendar**

To use the lunar calendar, the phone language must be Chinese.

To view lunar details of the highlighted day, in the month view, select **Options** > *Lunar calendar*.

To search for a lunar festival, in the lunar day view, select **Lunar festival**, enter the Gregorian year of the Spring festival, and select the desired lunar festival.

In the lunar day view, select **Options** and from the following:



- *Solar item* – to search for a solar item
- *Gregorian to lunar* – to convert a Gregorian date to a lunar date
- *Lunar to gregorian* – to convert a lunar date to a Gregorian date

## Notes

To add a note, select **Menu** > *Organiser* > *Notes* > **Add note**. Enter the note, and select **Save**.

## Calculator

The calculator in your device provides basic arithmetic functions, converts currency values, and calculates the square, the square root, and the inverse of a number.



**Note:** This calculator has limited accuracy and is designed for simple calculations.

1. Select **Menu** > *Organiser* > *Calculator*.
2. Enter the first number in the calculation. Press **#** for a decimal point, if necessary.

Press \* repeatedly to add the add (+), subtract (-), multiply (\*), or divide (/) operator. Pause briefly to select the displayed character.

3. Enter the second number in your calculation. To display the result, select **Equals**. To perform a square or square root calculation after, select **Options** > *Square* or *Square root*.

## Dictionary

In Dictionary, you can look up a Chinese word for English translation, and look up an English word for Chinese translation.

1. Select **Menu** > *Organiser* > *Dictionary*.
2. Switch to the desired input mode if necessary.
3. Enter the Chinese or English word.
4. Scroll to desired word in the displayed list of words, and select it to view the translation.

To view the translation of the previous or next word in the displayed list of words, scroll left or right.

## ■ Extras



Select [Menu](#) > [Extras](#).

To play a game in your device, select [Games](#).

To set or view the time in a different location, select [Collection](#) > [World clock](#).

To calculate exchange rates, select [Collection](#) > [Converter](#).

Draft

## 7. Accessories

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.



**Warning:** Use only batteries, chargers, and accessories approved by Nokia for use with this particular model. The use of any other types may invalidate any approval or warranty, and may be dangerous.

Draft

## 8. Battery and charger information

Your device is powered by a rechargeable battery. The battery intended for use with this device is BL-4C Li-Ion battery. This device is intended for use when supplied with power from the following charger: AC-6U. The exact charger model number may vary depending on the type of plug. The plug variant is identified by one of the following: E, EB, X, AR, U, A,C or UB.

The battery can be charged and discharged hundreds of times, but it will eventually wear out. When the talk and standby times are noticeably shorter than normal, replace the battery. Use only Nokia approved batteries, and recharge your battery only with Nokia approved chargers designated for this device. Use of an unapproved battery or charger may present a risk of fire, explosion, leakage, or other hazard.

If a battery is being used for the first time or if the battery has not been used for a prolonged period, it may be necessary to connect the charger, then disconnect and reconnect it to begin charging the battery. If the battery is completely discharged, it may take several minutes before

the charging indicator appears on the display or before any calls can be made.

Always switch the device off and disconnect the charger before removing the battery.

Unplug the charger from the electrical plug and the device when not in use. Do not leave a fully charged battery connected to a charger, since overcharging may shorten its lifetime. If left unused, a fully charged battery will lose its charge over time.

Always try to keep the battery between 15°C and 25°C (59°F and 77°F). Extreme temperatures reduce the capacity and lifetime of the battery. A device with a hot or cold battery may not work temporarily. Battery performance is particularly limited in temperatures well below freezing.

Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object such as a coin, clip, or pen causes direct connection of the positive (+) and negative (-) terminals of the battery. (These look like metal strips on the battery.) This might happen, 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.

Do not dispose of batteries in a fire as they may explode. Batteries may also explode if damaged. Dispose of batteries according to local regulations. Please recycle when possible. Do not dispose as household waste.

Do not dismantle, cut, open, crush, bend, deform, puncture, or shred cells or batteries. In the event of a battery leak, do not allow the liquid to come in contact with the skin or eyes. In the event of such a leak, flush your skin or eyes immediately with water, or seek medical help.

Do not modify, remanufacture, attempt to insert foreign objects into the battery, or immerse or expose it to water or other liquids.

Improper battery use may result in a fire, explosion, or other hazard. If the device or battery is dropped, especially on a hard surface, and you believe the battery has been damaged, take it to a service centre for inspection before continuing to use it.

Use the battery only for its intended purpose. Never use any charger or battery that is damaged. Keep your battery out of the reach of small children.

## ■ Battery information

This section provides information about battery charging times with the travel charger (AC-6U), and talk and standby times. The information in this section is subject to change. For more information, contact your service provider.



**Important:** Battery talk and standby times are estimates only and depend on signal strength, network conditions, features used, battery age and condition, temperatures to which battery is exposed, use in digital mode, and many other factors. The amount of time a device is used for calls will affect its standby time. Likewise, the amount of time that the device is turned on and in the standby mode will affect its talk time.

### Charging times

The following charging times are approximate:



<b>Charger</b>	<b>AC-6U</b>
BL-4C Li-Ion battery	Up to 3.5 hours

## Talk and standby times

<b>Function</b>	<b>Digital</b>
Talk time	Up to 4 hours
Standby time	Up to 11 days

## ■ Nokia battery authentication guidelines

Always use original Nokia batteries for your safety. To check that you are getting an original Nokia battery, purchase it from a Nokia authorised service centre or dealer, and inspect the hologram label using the following steps:

## Authenticate hologram

1. When you look at the hologram on the label, you should see the Nokia connecting hands symbol from one angle and the Nokia Original Accessories logo when looking from another angle.
2. When you angle the hologram left, right, down, and up, you should see 1, 2, 3 and 4 dots on each side respectively.



Successful completion of the steps is not a total assurance of the authenticity of the battery. If you have any reason to believe that your battery is not an authentic, original Nokia battery, you should refrain from using it, and take it to the nearest authorised Nokia service centre or dealer for assistance. If authenticity cannot be verified, return the battery to the place of purchase.

## What if your battery is not authentic?

If you cannot confirm that your Nokia battery with the hologram on the label is an authentic Nokia battery, please do not use the battery. Take it to the nearest authorised Nokia service centre or dealer for assistance. The use of a battery that is not approved by Nokia may be dangerous and may result in poor performance and damage to your device and its accessories. It may also invalidate any approval or warranty applying to the device.

To find out more about original Nokia batteries, visit [www.nokia.com/battery](http://www.nokia.com/battery).

## Care and maintenance

Your device is a product of superior design and craftsmanship and should be treated with care. The following suggestions will help you protect your warranty coverage.

- Keep the device dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that will corrode electronic circuits. If your device does get wet, remove the battery, and allow the device to dry completely before replacing it.
- Do not use or store the device in dusty, dirty areas. Its moving parts and electronic components can be damaged.
- Do not store the device in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the device in cold areas. When the device returns to its normal temperature, moisture can form inside the device and damage electronic circuit boards.
- Do not attempt to open the device other than as instructed in this guide.
- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and fine mechanics.

- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.
- Do not paint the device. Paint can clog the moving parts and prevent proper operation.
- Use a soft, clean, dry cloth to clean any lenses, such as camera, proximity sensor, and light sensor lenses.
- Use only the supplied or an approved replacement antenna. Unauthorised antennas, modifications, or attachments could damage the device and may violate regulations governing radio devices.
- Use chargers indoors.
- Always create a backup of data you want to keep, such as contacts and calendar notes.
- To reset the device from time to time for optimum performance, power off the device and remove the battery.

These suggestions apply equally to your device, battery, charger, or any accessory. If any device is not working properly, take it to the nearest authorised service facility for service.



## Disposal

The crossed-out wheeled-bin symbol on your product, literature, or packaging reminds you that all electrical and electronic products, batteries, and accumulators must be taken to separate collection at the end of their working life. This requirement applies to the European Union and other locations where separate collection systems are available. Do not dispose of these products as unsorted municipal waste.

By returning the products to collection you help prevent uncontrolled waste disposal and promote the reuse of material resources. More detailed information is available from the product retailer, local waste authorities, national producer responsibility organizations, or your local Nokia representative. For the product Eco-Declaration or instructions for returning your obsolete product, go to country-specific information at [www.nokia.com](http://www.nokia.com).

# Additional safety information

## ■ Small children

Your device and its accessories may contain small parts. Keep them out of the reach of small children.

## ■ Operating environment

This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 2.2 centimetres (7/8 inch) 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 device the above-stated distance from your body.

To transmit data files or messages, this device requires a quality connection to the network. In some cases, transmission of data files or messages may be delayed until such a connection is available. Ensure the above separation distance instructions are followed until the transmission is completed.

Parts of the device are magnetic. Metallic materials may be attracted to the device. Do not place credit cards or other magnetic storage media near the device, because information stored on them may be erased.

## ■ Medical devices

Operation of any radio transmitting equipment, including wireless 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 device 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.

### **Implanted medical devices**

Manufacturers of medical devices recommend that a minimum separation of 15.3 centimetres (6 inches) should be maintained between a wireless device and an implanted medical device, such as a pacemaker or implanted cardioverter defibrillator, to avoid potential interference with the medical device. Persons who have such devices should:

- Always keep the wireless device more than 15.3 centimetres (6 inches) from the medical device when the wireless device is turned on.
- Not carry the wireless device in a breast pocket.
- Hold the wireless device to the ear opposite the medical device to minimise the potential for interference.



- Turn the wireless device off immediately if there is any reason to suspect that interference is taking place.
- Read and follow the directions from the manufacturer of their implanted medical device.

If you have any questions about using your wireless device with an implanted medical device, consult your health care provider.

## Hearing aids

Some digital wireless devices may interfere with some hearing aids. If interference occurs, consult your service provider.



**Warning:** For hearing aid compatibility, you must turn off the Bluetooth.

Your mobile device model complies with FCC rules governing hearing aid compatibility. These rules require an M3 microphone or higher value. The M-value, shown on the device box, refers to lower radio frequency (RF) emissions. A higher M-value generally indicates that a device model has a lower RF emissions level, which may improve the likelihood that the device will operate with certain hearing aids. Some hearing aids are more immune than others to interference. Please consult your hearing health professional to determine the M-rating of your hearing aid and whether your hearing aid will work with this device. More

information on accessibility can be found at [www.nokiaaccessibility.com](http://www.nokiaaccessibility.com).

## ■ Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles such as electronic fuel injection systems, electronic antiskid (antilock) braking systems, electronic speed control systems, and air bag systems. For more information, check with the manufacturer, or its representative, of your vehicle or any equipment that has been added.

Only qualified personnel should service the device or install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to the device. Check regularly that all wireless device 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 device, its parts, or accessories. For vehicles equipped with an air bag, remember that air bags inflate with great force. Do not place objects, including 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 device while flying in aircraft is prohibited. Switch off your device before boarding an aircraft. The use of wireless teledevices in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network, and may be illegal.

## ■ Potentially explosive environments

Switch off your device when in any area with a potentially explosive atmosphere, and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device at refuelling points such as near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel depots, 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 and areas where the air contains chemicals or particles such as grain, dust, or metal powders. You should check with the manufacturers of vehicles using liquefied petroleum gas (such as propane or butane) to determine if this device can be safely used in their vicinity.

## ■ Emergency calls



**Important:** This device operates using radio signals, wireless networks, landline networks, and user-programmed functions. If your device supports voice calls over the internet (internet calls), activate both the internet calls and the cellular phone. The device will attempt to make emergency calls over both the cellular networks and through your internet call provider if both are activated. Connections in all conditions cannot be guaranteed. You should never rely solely on any wireless device for essential communications like medical emergencies.

### To make an emergency call:

1. If the device is not on, switch it on. Check for adequate signal strength. Depending on your device, you may also need to complete the following:
  - Insert a UIM card if your device uses one.
  - Remove certain call restrictions you have activated in your device.
  - Change your profile from offline or flight profile mode to an active profile.
2. Press the end key as many times as needed to clear the display and ready the device for calls.

3. Enter the official emergency number for your present location. Emergency numbers vary by location.
4. Press the call key.

When making an emergency call, give all the necessary information as accurately as possible. Your wireless device may be the only means of communication at the scene of an accident. Do not end the call until given permission to do so.

## ■ Certification information (SAR)

**This mobile device meets guidelines for exposure to radio waves.**

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

The exposure guidelines for mobile devices employ a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit stated in the ICNIRP guidelines is 2.0 watts/kilogram (W/kg) averaged over 10 grams of tissue. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The actual SAR level of an operating device can

be below the maximum value because the device is designed to use only the power required to reach the network. That amount changes depending on a number of factors such as how close you are to a network base station. The highest SAR value under the ICNIRP guidelines for use of the device at the ear is 0.57 W/kg.

Use of device accessories may result in different SAR values. SAR values may vary depending on national reporting and testing requirements and the network band. Additional SAR information may be provided under product information at [www.nokia.com](http://www.nokia.com).

Your mobile device is also designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA) and Industry Canada. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use at the ear is 0.77 W/kg and when properly worn on the body is 0.83 W/kg.

# Index

## A

- access code 17
- accessories 76
- alarm clock 71
- antenna 16

## B

- battery
  - charging 15
  - installation 11
- battery and charger information 77
- Best Tone 51
- blog site 52
- Bluetooth 56

## C

- calculator 73
- calendar 72
- calls
  - conference 25
  - log for 49
  - making 24

- settings 58
- camera
  - capture image 66
- connectivity 56
- contacts 47
- converter 75
- customer service 51

## D

- date and time settings 55
- device information 63
- device settings 60
- dictionary 74
- display settings 54

## E

- enhancements 62
- equaliser 71
- esurfing 50
- extras 75

## G

- games 75

## H

hearing aids 89

## K

keyguard 23

## L

language setting 60

light settings 54

loudspeaker 25

lunar calendar 72

## M

media 65

media player 68

messages

- deleting 44

- E-mail 46

- minibrowser 45

- multimedia 39

- read and reply 40

- settings 40

- text messages 40

- voice 45

- write and send 38

missed calls 49

## N

network settings 63

## O

organiser 71

## P

profiles 51

## Q

QQ 46

## R

radio 70

restoring factory settings 64

## S

security settings 62

settings menu 51

shortcuts 21

speed dialling 48

standby mode 21

switching device on/off 16



## T

themes 52

tones 52

## V

video

record clip 66

voice commands 36, 62

voice dialling 26

voice recorder 69

## W

web 50

world clock 75

write text

input methods 28

pinyin 29

predictive text 33

stroke 29

traditional text 33

Draft