

# **Nokia 3710 fold User Guide**

Issue 1.0

**Contents****Safety****4****Get started****5**

Keys and parts

5

Insert the SIM card and battery

5

Insert and remove the memory card

6

Charge the battery

7

GSM antenna

8

Accessories

8

**Switch it on****9**

About your device

9

Network services

10

Access codes

10

Switch the device on and off

11

Home screen

11

Navigate the menus

12

Lock the keys

13

Functions without a SIM card

13

Flight profile

13

**Support and updates****14**

Support

14

My Nokia

14

Download content

14

Software updates using your PC

14

Software updates over the air

15

Restore factory settings

15

**Make it your device****16**

Basic settings

16

Personalise your device

17

Connect

19

Network provider services

21

**Stay in touch****22**

Make calls

22

Text and messages

25

Mail and Instant Messaging

28

**Image and video****32**

Capture images

32

Record video clips

32

Camera and video settings

32

Gallery

32

Print images

33

Share images and video clips online

34

Memory card

34

**Entertainment****35**

Listen to music

35

Web

38

Games and applications

39

**Maps****40**

About Maps

40

Nokia Map Loader

41

About GPS

41

GPS receiver

42

Navigate to your destination

42

**Organise****43**

Manage contacts

43

Business cards

44

Date and time

44

Alarm clock

44

Calendar

44

To-do list

45

Notes

45

Nokia PC Suite

45

Calculator

45

Countdown timer

45

Stopwatch

45

**Green tips****46**

Save energy

46

Recycle

46

Learn more

47

**Nokia original accessories****47**

Practical rules about accessories

47

Battery

47

<b>Digital rights management</b>	<b>49</b>
<b>Battery</b>	<b>49</b>
Battery and charger information	49
Nokia battery authentication guidelines	50
<b>Taking care of your device</b>	<b>50</b>
Recycle	50
<b>Additional safety information</b>	<b>50</b>
Small children	50
Operating environment	51
Medical devices	51
Vehicles	51
Potentially explosive environments	51
Emergency calls	51
Certification information (SAR)	52
<b>MANUFACTURER'S LIMITED WARRANTY</b>	<b>52</b>
Warranty period	52
How to get warranty service	52
What is not covered?	53
Other important notices	53
Limitation of Nokia's liability	53
Statutory obligations	54
<b>Index</b>	<b>55</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.

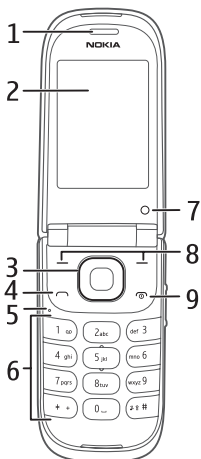
**WATER-RESISTANCE**

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

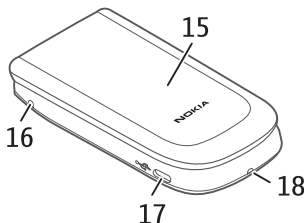
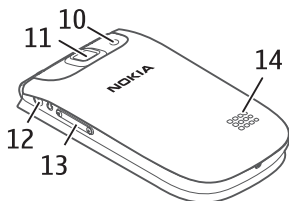
## Get started

Get to know your device, insert the battery, SIM card, and memory card, and learn some important information about your device.

### Keys and parts



- 1 Earpiece
- 2 Display
- 3 Navi™ key (scroll key)
- 4 Call key
- 5 Microphone
- 6 Keypad
- 7 Secondary camera
- 8 Left and right selection keys
- 9 End/Power key



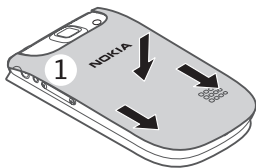
- 10 Camera flash
- 11 Camera lens
- 12 Nokia AV Connector (2.5 mm)
- 13 Volume keys
- 14 Loudspeaker
- 15 Hidden display
- 16 Charger connector
- 17 Micro USB cable connector
- 18 Wrist strap eyelet

### Insert the SIM card and battery

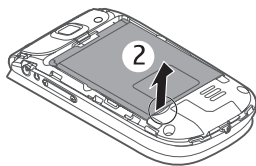
**Note:** Switch off the power and disconnect the charger and any other device before removing the covers. Avoid touching electronic components while changing the covers. Always store and use the device with the covers attached.

The SIM card and its contacts can be easily damaged by scratches or bending, so be careful when handling, inserting, or removing the card.

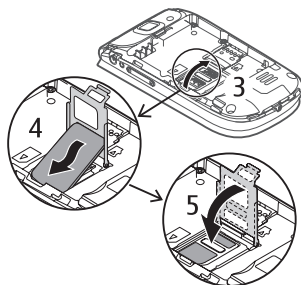
- 1 Open the back cover, and remove it.



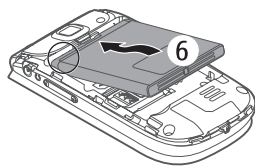
- 2 Remove the battery.



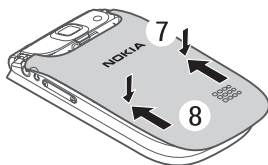
- 3 Open the SIM card holder. Insert the SIM card into the holder with the bevelled corner facing down and the contact surface area facing toward the contacts of the device. The side with the bevelled corner fits below the rim of the device. Close the SIM card holder.



- 4 Line up the battery contacts, and insert the battery.



- 5 Place the battery cover on the device, that the hooks at the upper part of the cover are aligned with the corresponding recesses on the device. Slide the back cover to close it.



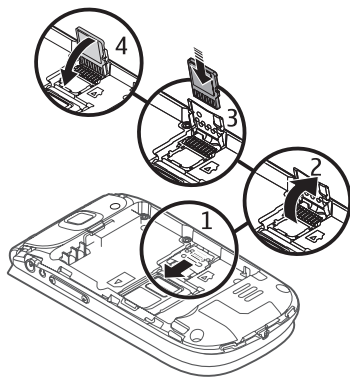
### Insert and remove the memory card



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.

Your device supports microSD cards with a capacity of up to 8 GB. The size of a single file must not exceed 2 GB.

## Insert the memory card



- 1 Switch the device off, and remove the back cover and battery.
- 2 Slide the memory card holder inwards to unlock.
- 3 Open the card holder, and insert the memory card into the holder with the contact surface facing inwards.
- 4 Close the card holder, and slide it to lock.
- 5 Replace the battery and back cover.

## Remove the memory card

- 1 Remove the back cover and the battery.
- 2 Open the memory card holder, and remove the memory card. Close the memory card holder.
- 3 Replace the battery and back cover.

## 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 outlet.



- 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 can also charge the battery with a USB cable, using power from a computer.

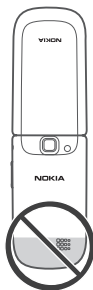
- 1 Connect the USB cable to a USB port of a computer and to your device.
- 2 When the battery is fully charged, disconnect the USB cable.

If the battery is completely discharged, USB charging may not work. Use the charger instead.

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.

Charging the device while listening to the radio may affect the quality of reception.

## GSM antenna



Your device may have internal and external antennas. Avoid touching the antenna area unnecessarily while the antenna is transmitting or receiving. Contact with antennas affects the communication quality and may cause a higher power level during operation and may reduce the battery life.

The figure shows the GSM antenna area marked in grey.

## Accessories

### Connect a USB cable



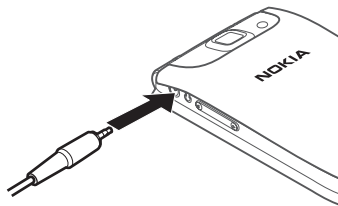
## Headset

### Warning:

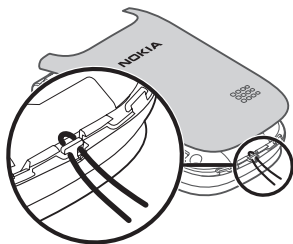
When you use the headset, your ability to hear outside sounds may be affected. Do not use the headset where it can endanger your safety.

When connecting any external device or any headset, other than those approved by Nokia for use with this device, to the Nokia AV Connector, pay special attention to volume levels.

Do not connect products that create an output signal as this may cause damage to the device. Do not connect any voltage source to the Nokia AV Connector.



## Strap



- 1 Open the back cover.
- 2 Thread the strap, and tighten it.



- 3 Close the back cover.

## Switch it on

Learn how to switch on your device, and how to use the basic functions.

### About your device

The wireless device described in this guide is approved for use on the GSM 850, 900, 1800, 1900 and WCDMA 900, 1700-2100, 2100 MHz networks. Contact your service provider for more information about networks.

Your device may have preinstalled bookmarks and links for third-party internet sites and may allow you to access third-party sites. These are not affiliated with Nokia, and Nokia does not endorse or assume liability for them. If you access such sites, 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.

When using 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.

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.

The images in this guide may differ from your device display.

Refer to the user guide for other important information about your device.

### Network services

To use the device you must have service from a wireless service provider. Some features are not available on all networks; other features may require that you make specific arrangements with your service provider to use them. Network services involve transmission of data. Check with your service provider for details about fees in your home network and when roaming on other networks. Your service provider can explain what charges will apply.

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 customized items such as menu names, menu order, and icons.

### Access codes

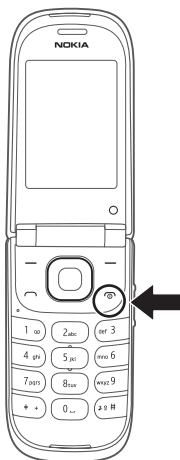
To set how your device uses the access codes and security settings, select **Menu > Settings and Security > Access codes**.

- The security code helps to protect your device against unauthorised use. The preset code is 12345. You can change the code and set the device to request the code. Some operations require the security code regardless of the settings, for example, if you want to restore the factory settings. Keep

the code secret and in a safe place separate from your device. If you forget the code and your device is locked, your device will require service and additional charges may apply. For more information, contact a Nokia Care point or your device dealer.

- The PIN code, supplied with the SIM card, helps to protect the card against unauthorised use.
- The PIN2 code, supplied with some SIM cards, is required to access certain services.
- PUK and PUK2 codes may be supplied with the SIM card. If you enter the PIN code incorrectly three times in succession, you are asked for the PUK code. If the codes are not supplied, contact your service provider.
- The barring password is required when using the call barring service to restrict calls to and from your device (network service).
- To view or change the security module settings for the browser, select **Menu > Settings and Security > Security module**.

## Switch the device on and off



### Switch on and off

Press and hold the power key.

### Enter the PIN code

If requested, enter the PIN code (displayed as \*\*\*\*).

### Set the time and date

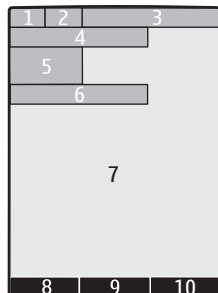
If requested, enter the time and date.

You may be prompted to get the configuration settings from your service provider (network service). For more information, contact your service provider.

## Home screen

When the device is ready for use, and you have not entered any characters, the device is in the home screen.

### Display



- 1 Signal strength of the cellular network
- 2 Battery charge status
- 3 Indicators
- 4 Name of the network or the operator logo
- 5 Clock
- 6 Date (only if the enhanced home screen is deactivated)
- 7 Display
- 8 Function of the left selection key
- 9 Function of the scroll key
- 10 Function of the right selection key

You can change the function of the left and right selection key. [See "Left and right selection keys", p. 18.](#)

### Enhanced home screen

With the enhanced home screen, you can display a list of selected information and features that you can directly access.

Select **Menu > Settings and Display > Home screen**.

### Activate the enhanced home screen

Select **Home screen mode > On**.

### Organise and personalise the enhanced home screen

Select **Personalise view**.

### Select the key used to activate the enhanced home screen

Select **Home screen key**.

### Navigate in the home screen

Scroll up or down to navigate the list, and select **Select**, **View**, or **Edit**. The arrows indicate that further information is available.

### Stop navigating

Select **Exit**.

### Shortcuts

When your device is in the home screen, you can use shortcuts.

### List missed, received, and dialled calls

Press the call key. To make a call, scroll to the number or name, and press the call key.

### Open the web browser

Press and hold **0**.

### Call the voice mailbox

Press and hold **1**.

### Use other keys as shortcuts

[See "Dialling shortcuts", p. 23.](#)

## Indicators



You have unread messages.



You have unsent, cancelled, or failed messages.



The keypad is locked.



The device does not ring for incoming calls or text messages. An alarm is set.



The device is registered to the GPRS or EGPRS network.



A GPRS or EGPRS connection is open.



The GPRS or EGPRS connection is suspended (on hold).



Bluetooth connectivity is activated.



A GPS signal is available.



No GPS signal available.



If you have two phone lines, the second line is in use.



All incoming calls are diverted to another number.



Calls are limited to a closed user group.



The currently active profile is timed.



A headset is connected to the device.



The device is connected to another device, using a USB cable.

## Navigate the menus

The device offers a range of functions that are grouped into menus.

- 1 To access the menu, select **Menu**.
- 2 Scroll through the menu, and select an option (for example, **Settings**).
- 3 If the selected menu contains further submenus, select one (for example, **Call**).
- 4 Select the setting of your choice.

- 5 To return to the previous menu level, select **Back**.

To exit the menu, select **Exit**.

### Change the menu view

Select **Options** > **Main menu view**. Scroll right, and select from the available options.

### Rearrange the menu

Select **Options** > **Organise**. Scroll to the menu item to be moved, and select **Move**. Scroll to where you want to move the menu item, and select **OK**. To save the change, select **Done** > **Yes**.

### Lock the keys

Lock the keypad to prevent accidental keypresses.

### Lock the keypad

Select **Menu**, and press \* within 3.5 seconds.

### Unlock the keypad

Select **Unlock**, and press \* within 1.5 seconds. If requested, enter the lock code.

### Answer a call when the keypad is locked

Press the call key. When you end or reject a call, the keypad locks automatically.

Further features are Automatic keyguard and Security keyguard. [See "Phone settings", p. 16.](#)

When the device or keypad is locked, calls may be possible to the official emergency number programmed into your device.

### Functions without a SIM card

Some functions of your device may be used without inserting a SIM card, such as **Organiser** functions and games. Some functions appear dimmed in the menus and cannot be used.

### Flight profile

In radio sensitive environments, where you are asked not to use your device, you can still access your calendar, contacts list, and offline games by activating the flight profile.

✈ indicates that the flight profile is active.

### Activate the flight profile

Select **Menu** > **Settings** > **Profiles and Flight** > **Activate or Personalise**.

### Deactivate the flight profile

Select any other profile.

### Warning:

With the Flight profile you cannot make or receive any calls, including emergency calls, or use other features that require network coverage. To make calls, you must first activate the phone function by changing profiles. If the device has been locked, enter the lock code.

If you need to make an emergency call while the device is locked and in the Flight profile, you may be also able to enter an official emergency number programmed in your device in the lock code field and select 'Call'. The device will confirm that you are about to exit Flight profile to start an emergency call.

### Support and updates

Nokia helps you in many ways to gain the most benefit from your device.

#### Support

When you want to learn more about how to use your product or you are unsure how your device should function, see the user guide or see the support pages at [www.nokia.com/support](http://www.nokia.com/support) or your local Nokia website, or with a mobile device, [www.nokia.mobi/support](http://www.nokia.mobi/support).

If this does not resolve your issue, do one of the following:

- Restart the device: switch off the device, and remove the battery. After about a minute, replace the battery, and switch on the device.
- Restore the original factory settings as explained in the user guide.
- Update your device software regularly for optimum performance and possible new features, as explained in the user guide.

If your issue remains unsolved, contact Nokia for repair options. See [www.nokia-asia.com/repair](http://www.nokia-asia.com/repair). Before sending your device for repair, always back up the data in your device.

#### My Nokia

Select Menu > Applications > Extras > Collection > My Nokia.

My Nokia is a free service that regularly sends you text messages containing tips, tricks, and support for your Nokia device. It also allows you to browse the My Nokia site where you can find details about

Nokia devices and download tones, graphics, games, and applications.

To use the My Nokia service, it must be available in your country and supported by your service provider. You must sign up to use the service. Call charges apply when you send messages to sign up or unsubscribe. For terms and conditions, see the documentation supplied with your device, or [www.nokia.com/mynokia](http://www.nokia.com/mynokia).

#### Download content

You may be able to download new content (for example, themes) to your device (network service).

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

For the availability of different services and pricing, contact your service provider.

#### Software updates using your PC

Software updates may include new features and enhanced functions that were not available at the time of purchase of your device. Updating the software may also improve the device performance.

Nokia Software Updater is a PC application that enables you to update your device software. To update your device software, you need a compatible PC, broadband internet access, and a compatible USB data cable to connect your device to the PC.

To get more information, to check the release notes for the latest software versions, and to download the Nokia Software Updater application, see

[www.nokia-asia.com/softwareupdate](http://www.nokia-asia.com/softwareupdate) or your local Nokia website.

To update the device software, do the following:

- 1 Download and install the Nokia Software Updater application to your PC.
- 2 Connect your device to the PC using a USB data cable, and open the Nokia Software Updater application. The Nokia Software Updater application guides you to back up your files, update the software, and restore your files.

available software updates from your service provider.

- 2 Select **Current sw details** to display the current software version and check whether an update is needed.
- 3 Select **Downl. phone sw** to download and install a software update. Follow the instructions.
- 4 If the installation was cancelled after the download, select **Install sw update** to start the installation.

The software update may take several minutes. If there are problems with the installation, contact your service provider.

### Software updates over the air

Your service provider may send device software updates over the air directly to your device (network service). This option may not be available, depending on your device.

Downloading software updates may involve the transmission of large amounts of data (network service).

Make sure that the device battery has enough power, or connect the charger before starting the update.

### Warning:

If you install a software update, you cannot use the device, even to make emergency calls, until the installation is completed and the device is restarted. Be sure to back up data before accepting installation of an update.

### Request a software update

- 1 Select **Menu > Settings and Phone > Phone updates** to request

### Restore factory settings

To restore the device back to the factory settings, select **Menu > Settings > Rest. fact. sett.** and from the following:

**Settings only** — Reset all preference settings without deleting any personal data.

**All** — Reset all preference settings, and delete all personal data, such as contacts, messages, media files, and activation keys.

## Make it your device

Set up your device, personalise it, and connect it in several ways.

### Basic settings

#### Phone settings

Select **Menu > Settings and Phone**.

Select from the following:

**Language settings** — To set the language of your device, select **Phone language** and a language. To set the language of your device according to the information on the SIM card, select **Phone language > Automatic**.

**Memory status** — View the memory consumption.

**Automatic keyguard** — Set the keypad to lock automatically after a preset time delay when the device is in the home screen and no function has been used.

**Security keyguard** — Set the device to prompt for the security code to unlock the keypad.

**Voice recognition** — Set up voice commands, or start voice recognition training.

**Flight query** — Set the device to prompt for the flight profile when you switch the device on. In the flight profile, all radio connections are closed.

**Phone updates** — Allow software updates from your service provider (network service). The available options may vary.

**Network mode** — To use GSM and (when available) 3G networks, select **Dual mode**. This option is not available during an active call.

**Operator selection** — Manually select which network to use.

**Help text activation** — Set the device to display help text.

**Start-up tone** — Play a tone when you switch the device on.

**Fold close handling** — Select the behaviour of the device when the fold is closed.

**Confirm SIM actions** — Access additional network services from your SIM card. This option may not be available, depending on your SIM card.

### Security settings

Select **Menu > Settings and Security**.

When security features that restrict calls are in use (such as call barring, closed user group, and fixed dialling), calls may be possible to the official emergency number programmed into your device. Call barring and call diverting cannot be active at the same time.

Select from the following:

**PIN code request or UPIN code request** — Set the device to request for the PIN or UPIN code every time the device is switched on. Some SIM cards do not allow the code request to be deactivated.

**Call barring service** — Restrict incoming calls to and outgoing calls from your device (network service). A barring password is required.

**Fixed dialling** — Restrict your outgoing calls to selected phone numbers if supported by your SIM card. When fixed dialling is activated, GPRS connections are not possible except while sending text messages over a GPRS connection. In this case, the recipient's phone number and the message centre number must be included in the fixed dialling list.



**Closed user group** — Define a group of people whom you can call and who can call you (network service).

**Security level** — To request the security code whenever a new SIM card is inserted into the device, select **Phone**.

**Access codes** — Change the security code, PIN code, UPIN code, PIN2 code, or barring password.

**PIN2 code request** — Set the device to request the PIN2 code when using a specific device feature protected by the PIN2 code. Some SIM cards do not allow the code request to be deactivated. This option may not be available depending on your SIM card. For details, contact your service provider.

**Code in use** — Display and select the type of PIN code to be used.

**Auth. certificates or User certificates** — View the list of the authority or user certificates available on your device.

**Security module** — View Sec. module details, activate **Module PIN request**, or change the module PIN and signing PIN.

## Personalise your device

Give your device a personal touch with ringing tones, display backgrounds, and themes. Add shortcuts for your preferred features, and attach enhancements.

### Profiles

Your device has several profiles, which you can customise.

Select **Menu > Settings and Profiles**.

Select the desired profile and from the following:

**Activate** — Activate the profile.

**Personalise** — Modify profile settings.

**Timed** — Set the profile to be active for a certain period of time. When the time set for the profile expires, the previous profile that was not timed becomes active.

### Themes

With themes, you can personalise your device.

Select **Menu > Settings and Themes**.

### Select a theme

Select **Select theme > Themes** and a theme.

### Download more themes

Select **Theme downld..**

### Tones

You can modify the tone settings of the currently active profile.

Select **Menu > Settings and Tones**. You can find the same settings in the Profiles menu.

### Lights

You can activate or deactivate light effects associated with different device functions.

Select **Menu > Settings and Lights**.

### Display

Select **Menu > Settings and Display**.

Select from the following:

**Wallpaper** — Add a background image to the home screen.

**Home screen** — Activate, organise, and personalise the home screen.

**Home scr. font col.** — Select the font colour for the home screen.

**Navigat. key icons** — Display the scroll key icons in the home screen.

**Notification details** — Display details in missed call and message notifications.

**Fold animation** — Display an animation when you open or close the fold.

**Main menu view** — Select the layout of the main menu.

**Font size** — Set the font size for messaging, contacts, and web pages.

**Operator logo** — Display the logo of the currently selected operator.

**Cell info display** — Display the cell identity, if available from the network.

### My shortcuts

With personal shortcuts, you get quick access to frequently used functions of your device. Select **Menu > Settings and My shortcuts**.

### Left and right selection keys

To change the function assigned to the left or right selection key, select **Left selection key** or **Right selection key**, and the desired function.

In the home screen, if the left selection key is **Go to**, to add, remove, or reorganise functions, select **Go to > Options > Select options** or **Organise**.

### Other shortcuts

Select from the following:

**Navigation key** — Assign other functions from a predefined list to the scroll key.

**Home screen key** — Select the movement of the scroll key to activate the home screen.

### Assign dialling shortcuts

Create shortcuts by assigning phone numbers to the number keys 3-9.

- 1 Select **Menu > Contacts > Speed dials**, and scroll to a number key.
- 2 Select **Assign**, or, if a number has already been assigned to the key, select **Options > Change**.
- 3 Enter a number or search for a contact.

### Voice commands

You can use voice commands to make phone calls, launch applications, and activate profiles. Voice commands are language-dependent.

Select **Menu > Settings and Phone**.



### Set the language

Select **Language settings > Phone language** and the language.

### Train voice recognition to your voice

Select **Voice recognition > Voice training**.

### Activate a voice command for a function

Select **Menu > Settings > Phone > Voice recognition > Voice commands**, a feature, and the function.  indicates that the voice command is activated. If  is not displayed, select **Add**.

### Play an activated voice command

Select **Play**.

**Use voice commands**

[See "Voice dialling", p. 23.](#)

**Rename or deactivate a voice command**

Scroll to a function, and select **Options** > **Edit** or **Remove**.

**Activate or deactivate all voice commands**

Select **Options** > **Add all** or **Remove all**.

**Connect**

Your device provides several features to connect to other devices to transmit and receive data.

**Bluetooth wireless technology**


With Bluetooth wireless technology, you can connect your device, using radio waves, to a compatible Bluetooth device within 10 metres (32 feet).

Select **Menu** > **Settings** > **Connectivity** > **Bluetooth**.

This device is compliant with Bluetooth Specification 2.1 + EDR supporting the following profiles: SIM access, object push, file transfer, headset, handsfree, generic access, serial port, generic object exchange, dial-up networking, device ID, phonebook access, service discovery application, advanced audio distribution, audio video remote control, and generic audio/video distribution. 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.

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

**Set up a Bluetooth connection**

- 1 Select **My phone's name**, and enter a name for your device.
- 2 To activate Bluetooth connectivity, select **Bluetooth** > **On**.  indicates that Bluetooth connectivity is active.
- 3 To connect your device to an audio accessory, select **Conn. to audio acc.** and the accessory.
- 4 To pair your device with any Bluetooth device in range, select **Paired devices** > **Add new device**.
- 5 Scroll to a found device, and select **Add**.
- 6 Agree on a passcode (up to 16 characters) with the user of the other device and enter the passcode on your device. To establish the connection, enter the passcode on the other device, when requested.

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.

**Connect your PC to the internet**

You can use Bluetooth technology to connect your compatible PC to the internet without the PC Suite software. Your device must be able to connect to the internet (network service), and your PC must support Bluetooth technology.

- 1 Make sure that your device can connect to the internet.

- 2 Pair your device with your PC using Bluetooth connectivity. Your device automatically opens a packet data connection to the internet.

### USB data cable

You can use the USB data cable to transfer data between your device and a compatible PC or a printer supporting PictBridge.

### Select USB mode

To activate the device for data transfer or image printing, connect the USB data cable, and select from the following:

**PC Suite** — Use Nokia PC Suite on your PC.

**Printing & media** — Use your device with a PictBridge compatible printer or with a compatible PC.

**Data storage** — Connect to a PC that does not have Nokia software, and use your device as data storage

### Change USB mode

Select **Menu > Settings > Connectivity > USB data cable** and the desired USB mode.

### Connect a USB device

You can connect a USB storage device (for example, a memory stick) to your device and browse the file system and transfer files.

- 1 Connect a compatible adapter cable to the USB port of your device.
- 2 Connect the USB storage to the adapter cable.
- 3 Select **Menu > Gallery** and the USB device.

Not all USB storage devices are supported, depending on their power consumption.

### Synchronisation and backup

Select **Menu > Settings > Sync & backup > Synchronisation** and from the following:

**Phone switch** — Synchronise or copy selected data between your device and another device using Bluetooth technology.

**Create backup** — Create a backup of selected data.

**Restore backup** — Select a stored backup file, and restore data to the device. Select **Options > Details** for information about the selected backup file.

**Data transfer** — Synchronise or copy selected data between your device and another device, PC, or network server (network service).

### Packet data

General packet radio service (GPRS) is a network service that allows mobile devices to send and receive data over an internet protocol (IP) based network.

Select **Menu > Settings and Connectivity > Packet data > Packet data conn..**

Select from following:

**When needed** — Establish the packet data connection only when an application needs it. The connection is closed when the application is closed.

**Always online** — Automatically connect to a packet data network when you switch the device on.

You can use your device as a modem by connecting it to a compatible PC. For

details, see the Nokia PC Suite documentation.

### Network provider services

Your network provider provides several additional services you may want to use. For some of these services, charges may apply.

### Operator menu

Access a portal to services provided by your network operator. The operator can update this menu with a service message. For more information, contact your network operator.

### SIM services

Your SIM card may provide additional services. You can access this menu only if it is supported by your SIM card. The name and contents of the menu depend on the available services.

Accessing these services may involve sending messages or making a phone call for which you may be charged.

### Position log

The network may send you a position request (network service). To subscribe and agree upon the delivery of positioning information, contact your service provider.

### Accept or reject an incoming position request

Select **Accept** or **Reject**.

### View the latest position requests

Select **Menu > Log > Positioning and Position log**.

If you miss the request, the device automatically accepts or rejects it according to what you have agreed with your service provider.

### Info messages and SIM messages

Select **Menu > Messaging**.

#### View info messages

Select **More > Info messages**. You can receive messages on various topics from your service provider (network service). For more information, contact your service provider.

#### View SIM messages

Select **Options > SIM messages**. SIM messages are specific text messages that are saved to your SIM card. You can copy or move those messages from the SIM to the device memory, but not vice versa.

### Configuration settings

You can configure your device with settings that are required for certain services. You may receive these settings as a configuration message from your service provider.

Select **Menu > Settings**.

Select **Configuration** and from the following:

**Default config. sett.** — View the service providers saved in the device, and set a default service provider.

**Act. def. in all apps.** — Activate the default configuration settings for supported applications.

**Preferred access pt.** — View the saved access points.

**Device mgr. settings** — Allow or prevent the device from receiving software updates. This option may not be available, depending on your device.

**Personal settings** — Add manually new personal accounts for various services, and activate or delete them. To add a new personal account, select **Add** or **Options** > **Add new**. Select the service type, and enter the required parameters. To activate a personal account, scroll to the account, and select **Options** > **Activate**.

## Stay in touch

Learn how to make calls, write text, send messages, and use the mail functionality of your device.

### Make calls

#### Make a voice call

#### Dial a number manually

Enter the phone number, including the area code, and press the call key.

For international calls, press \* twice for the international prefix (the + character replaces the international access code), enter the country code, the area code without the leading 0, if necessary, and the phone number.

#### Redial a number

To access the list of dialled numbers, in the home screen, press the call key. Select a number or name, and press the call key.

#### Call a contact

Select **Menu** > **Contacts and Names**. Select a contact, and press the call key.

#### Handle voice calls

To handle calls with the fold, select **Menu** > **Settings and Call** > **Answ. on fold open**.

#### Answer an incoming call

Press the call key, or open the fold.

#### End a call

Press the end key, or close the fold.

#### Mute the ringing tone

Select **Silence**.

When the fold is closed, press a volume key.

### Reject an incoming call

Press the end key.

When the fold is closed, press and hold a volume key.

### Adjust the volume in a call

Use the volume keys.

### Make a video call

In a video call, the video recorded with the front camera on your device is shown to the video call recipient. To make a video call, you must have a USIM card and be connected to a WCDMA network. For availability and subscription to video call services, contact your service provider. The video call can be made to a compatible device or an ISDN client between two parties. Video calls cannot be made while another voice, video, or data call is active.

- 1 To start a video call, enter the phone number, including the area code.
- 2 Press and hold the call key, or select **Options > Video call**.  
Starting a video call may take a while. If the call is not successful, you are asked to try making a voice call or to send a message instead.
- 3 To end the call, press the end key.

### Dialling shortcuts

You can assign phone numbers to the number keys 3-9.

- 1 Select **Menu > Contacts > Speed dials**, and scroll to a number key.

- 2 Select **Assign**, or, if a number has already been assigned to the key, select **Options > Change**.
- 3 Enter a number or search for a contact.
- 4 To activate one key dialling, select **Menu > Settings and Call > Speed dialling > On**

### Use a dialling shortcut

Press a number key, then the call key.

### Use one key dialling

Press and hold a number key.

### Voice dialling

Make a phone call by saying the name that is saved in Contacts.

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

**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.

- 1 In the home screen, press and hold the right selection key. A short tone sounds, and **Speak after the tone** is displayed.
- 2 Say the name of the contact you want to dial. If the voice recognition is successful, a list of proposed matches is displayed. The device plays the voice command of the first match on the list. If it is not the correct command, scroll to another entry.

### Options during a call

Many of the options that you can use during a call are network services. For availability, contact your service provider.

### Activate options during a call

Select **Options**.

Some of the network options are **Hold**, **New call**, **Add to conference**, **End all calls**, and the following:

**Send DTMF** — Send tone strings.

**Swap** — Switch between the active call and the call on hold.

**Transfer** — Connect a call on hold to an active call and disconnect yourself.

**Conference** — Make a conference call.

**Private call** — Start a private discussion in a conference call.

### Voice messages

The voice mailbox is a network service to which you may need to subscribe. For more information, contact your service provider.

### Call your voice mailbox

Press and hold **1**.

### Edit your voice mailbox number

Select **Menu > Messaging > More > Voice messages and Voice mailbox no..**

### Video messages

The video mailbox is a network service to which you may need to subscribe. For more information, contact your service provider.

### Call your video mailbox

Press and hold **2**.

### Edit your video mailbox number

Select **Menu > Messaging and More > Video messages > Video mailbox no..**

### Call log

To view details of your calls, messages, data, and synchronisation, select **Menu > Log** and the desired item.

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

### Call settings

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

**Call divert** — Divert your incoming calls (network service). You may not be able to divert your calls if some call barring functions are active.

**Anykey answer** — Answer an incoming call by briefly pressing any key, except the power key, the left and right selection keys, or the end key.

**Automatic redial** — The device redials the number automatically if a call fails. The device tries to call the number 10 times.

**Video-voice redial** — The device automatically makes a voice call to the same number to which a video call has failed.

**Voice clarity** — Improve speech intelligibility, especially in noisy environments.

**Speed dialling** — Dial the names and phone numbers assigned to the number



keys (2-9) by pressing and holding the corresponding number key.

**Call waiting** — The network notifies you of an incoming call while you have a call in progress (network service).

**Call dur. display** — Display the duration of the call in progress.

**Summary after call** — Briefly display the approximate duration after each call.

**Send my caller ID** — Show your phone number to the person you are calling (network service). To use the setting agreed upon with your service provider, select **Set by network**.

**Outgoing call line** — Select the phone line for making calls, if your SIM card supports multiple phone lines (network service).



**Answ. on fold open** — Answer or end a call by opening or closing the fold.

## Text and messages

Write text, and create messages and notes.

### Write text

#### Text input modes

To enter text, for example, when writing messages, you can use traditional  or predictive  text input.

AbC, abC, and ABC indicate the character cases. 123 indicates number mode.

#### Switch between text input modes

Select and hold **Options**. Not all languages are supported by predictive text input.

#### Switch between character cases

Press #.

#### Switch between letter and number modes

Press and hold #.

#### Set the writing language

Select **Options** > **More** > **Writing language**.

### Traditional text input

#### Write a word

Press a number key, 2-9, repeatedly until the desired character is displayed. The available characters depend on the selected writing language. If the next letter you want to enter is located on the same key as the present one, wait until the cursor is displayed, and enter the letter.

#### Insert common punctuation marks

Press 1 repeatedly.

#### Insert special characters

Press \*, and select a character from the list.

#### Insert a space

Press 0.

### Predictive text input

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

#### Write a word

Press number keys, 2-9. Press each key only once for one letter.

#### Confirm a word

Scroll right, or press 0 to add a space.

**Select the correct word**

If the proposed word is not correct, press \* repeatedly, and select the desired word from the list.

**Add a word to the dictionary**

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**.

**Write a compound word**

Write the first part of the word, and scroll right to confirm it. Write the next part of the word, and confirm again.

**Text and multimedia messages**

You can create a message and optionally attach, for example, a picture. Your device automatically changes a text message to a multimedia message when a file is attached.

**Text messages**

Your device supports text messages beyond the limit for a single message. Longer messages are sent as two or more messages. Your service provider may charge accordingly. Characters with accents, other marks, or some language options take more space, and limit the number of characters that can be sent in a single message.

The total number of characters left and the number of messages needed for sending are displayed.

To send messages, the correct message centre number must be stored in your device. Normally, this number is set by default through your SIM card.

- 1 To set the number manually, select **Menu > Messaging and More > Message settings > Text messages > Message centre**.
- 2 Enter the name and the number supplied by the service provider.

**Multimedia messages**

A multimedia message can contain text, pictures, and sound or video clips.

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.

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

For availability and subscription to the multimedia messaging service (MMS), contact your service provider.

**Create a message**

- 1 Select **Menu > Messaging and Create message**.
- 2 Write your message.  
To insert a special character or a smiley, select **Options > Insert symbol**.  
To attach an object to the message, select **Options > Insert object**. The message type changes automatically to multimedia message.
- 3 To add recipients, select **Send to** and a recipient.

To enter a phone number or mail address manually, select **Number or e-mail**. Enter a phone number, or select **E-mail** and enter a mail address.

#### 4 Select **Send**.

Multimedia messages are indicated with an icon at the top of the display.

Service providers may charge differently depending on the message type. For details, contact your service provider.

### Read a message and reply

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

#### Read a received message

Select **View**.

#### Reply to a message

Select **Reply**.

#### Read several received messages

Select **Menu > Messaging and Inbox**, and the desired message.

### Send and organise messages

To send a message, select **Send**.

**Note:** The message sent icon or text on your device screen does not indicate that the message is received at the intended destination.

If message sending is interrupted, the device tries to resend the message a few times. If these attempts fail, the message is marked as failed in the Sent items folder.

The device saves received messages in the Inbox folder. Organise your messages in the Saved items folder.

To add, rename, or delete a folder, select **Menu > Messaging and More > Archive > Options**.

### Flash messages

Flash messages are text messages that are instantly displayed upon reception.



Select **Menu > Messaging**.

- 1 Select **More > Other messages > Flash message**.
- 2 Write your message.
- 3 Select **Send to** and a contact.

### Nokia Xpress audio messages

Create and send audio messages using MMS in a convenient way.

Select **Menu > Messaging**.

- 1 Select **More > Other messages > Audio message**. The voice recorder opens.
- 2 To record your message, select .
- 3 To stop recording, select .
- 4 Select **Send to** and a contact.

### Message settings

Select **Menu > Messaging and More > Msg. settings**.

Select from the following:

**General settings** — Save copies of sent messages in your device, overwrite old messages if the message memory becomes full, and set up other preferences related to messages.

**Text messages** — Allow delivery reports, set up message centres for SMS and SMS mail, select the type of character support, and set up other preferences related to text messages.

**Multimedia msgs.** — Allow delivery reports, set up the appearance of multimedia messages, allow the reception of multimedia messages and advertisements, and set up other preferences related to multimedia messages.


**E-mail messages** — Allow mail reception, set the image size in mail, and set up other preferences related to mail.

**Service messages** — Activate service messages, and set up preferences related to service messages.

### Mail and Instant Messaging

Set up your device to send and receive mails from your mail account or to chat in your instant messaging (IM) community.

Your device may support the Nokia Messaging Service (NMS) or the classic Nokia Mail and Nokia IM, depending on your country. To see which messaging system is in use select **Menu > Messaging > More > E-mail**.

If  appears on top of the display, the Nokia Messaging Service is in use. See "[Nokia Messaging IM](#)", p. 29 and "[Nokia Messaging Mail](#)", p. 28.

Otherwise, see "[Nokia IM](#)", p. 31 and "[Nokia Mail](#)", p. 30.

### Nokia Messaging Mail

Access your mail accounts from different providers with your mobile device to read, write, and send mail.

Before you can use mail, you must have an mail account. If you do not have already an mail account, create it in Ovi. The menus may vary depending on the mail provider.

### Set up mail

You can sign in to an existing mail account or set up a new Ovi Mail account.

Select **Menu > Messaging > More > E-mail**.

### Sign in to your mail account

- 1 Select your mail service provider.
- 2 Enter your account ID and password.
- 3 Select **Remember password** to disable the password query when you access your mail account.
- 4 Select **Sign In**.

To sign in to an additional mail account, select **Add account**.

### Set up Ovi Mail

If you do not already have a mail account, you can create a Nokia account, which includes the Ovi Mail service.

- 1 Select **Get Ovi Mail**.
- 2 Follow the instructions on the display.

Once you have created your new Nokia account, you can sign in to the Ovi Mail service and start sending and receiving mail. You can also use the account to sign into other Ovi services, such as IM. For more information, see [www.ovi.com](http://www.ovi.com).

### Read, create, and send mail

Select **Menu > Messaging > More > E-mail** and a mail account.

## Read mail and reply

- 1 Select a mail and **Open**.
- 2 Use the scroll key to see the entire mail.
- 3 To reply to or forward a mail, select **Options**.

## View and save attachments

Mails with attachments, for example, pictures, are marked with a paperclip icon. Some attachments may not be compatible with your device, and cannot be displayed on your device.

- 1 Expand the attachment list.
- 2 Select an attachment and **View**.
- 3 To save the attachment to your device, select **Save**.

## Create and send a mail

- 1 Select **Options > Compose**.
- 2 Enter the recipient's mail address, the subject, and your message.
- 3 To attach a file to the mail, select **Options > Attach file**.
- 4 To capture an image to attach to the mail, select **Options > Attach new image**.
- 5 To send the mail, select **Send**.

## Close the mail application

Select **Sign Out**.

## Access IM from your mail account

Some mail service providers allow you to access your instant messaging account directly from your mail account.

To sign in to your provider's instant messaging service when writing a mail, select **Options** and your IM service.

## Nokia Messaging IM

With instant messaging (IM) you can chat with other online users using your device.

You can use your already existing account with an IM community that is supported by your device.

If you are not registered to a IM service, you can create an IM account with a supported IM service, using your computer or your device. The menus may vary depending on the IM service.

## IM services

### Sign in to an existing IM account

- 1 Select **Menu > Messaging > More > IMs**.
- 2 Select an IM service.
- 3 Enter your account ID and password.
- 4 Follow the instructions on the display.

### Create a new Nokia account

To create a Nokia account, which includes mail and IM services, using your PC, visit [www.ovi.com](http://www.ovi.com). To create an account using your device, do the following:

- 1 Select **Menu > Messaging > More > E-mail**.
- 2 Follow the instructions on the display.

### Use IM services simultaneously

- 1 To return to the IM main view, select **Home** from within any IM service.
- 2 Select an IM service, and sign in.
- 3 To switch between IM services, in the contacts list view, scroll left or right.

## Exchange messages

Select **Menu > Messaging > More > IMs**.

**Send an IM**

- 1 Select an IM service.
- 2 Select a contact from the contacts list. Each conversation is on a tab in the conversation view.
- 3 Enter your message in the text box at the bottom of the display.
- 4 Select **Send**.

**Receiving messages**

When a new message arrives in your current conversation, the message appears at the end of the chat history. When a new message arrives for another conversation, the corresponding conversation tab flashes. To switch between conversations, do the following:

- 1 Scroll up to the conversation tabs.
- 2 Scroll left or right to open a conversation.

When a new message arrives from another community, it is indicated at the top or bottom corner.

Scroll up, and select **Switch** or **Select**.

**Notification settings**

Even when you are not using the application, you are notified of new messages. To modify notification settings, do the following:

- 1 In the IM main view, select **Options > IM settings**.
- 2 Select a notification type and **Save**.

**Leave the IM application**

When you exit the Instant messaging (IM) application, you remain signed in to IM services. Your sessions remain active for a period of time, according to your service

subscription. When the IM application is running in the background, you can open other applications, and return to using IM without signing in again.

**Close the IM window**

Go to the IM main view, and select **Exit**.

**Sign out from IM**

Select **Options > Sign Out**.  
All conversations are closed.

**Nokia Mail**

Access your mail account with your device to read, write, and send mail. This mail application is different from the SMS mail function.

Before you can use mail, you must have an mail account from an mail service provider. For availability and the correct settings, contact your mail service provider. You may receive the mail configuration settings as a configuration message.

**Mail setup wizard**

The mail setup wizard opens automatically if no mail settings are defined in the device. To open the setup wizard, to add an additional mail account, select **Menu > Messaging** and the existing mail account. Select **Options > Add mailbox**. You can also create a new mail account on Ovi for free. Follow the instructions.

**Write and send a mail**

You may write your mail before connecting to the mail service.

- 1 Select **Menu > Messaging and Create message > E-mail message**.

- 2 Enter the recipient's mail address, the subject, and the mail message. To attach a file, select **Options > Insert**.
- 3 If more than one mail account is defined, select the account from which you want to send the mail.
- 4 Select **Send**.

### Read a mail and reply

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

Select **Menu > Messaging**.

#### Download mail headers

Select your mail account.

#### Download a mail and its attachments

Select a mail and **Open** or **Retrieve**.

#### Reply to or forward a mail

Select **Options > Reply** or **Forward**.

#### Disconnect from your mail account

Select **Options > Disconnect**. The connection to the mail account automatically ends after some time without activity.

### New mail notifications

Your device can automatically check your mail account at set intervals, and issue a notification when new mail is received.

Select **Menu > Messaging and More**.

- 1 Select **Msg. settings > E-mail settings > Edit mailboxes**.
- 2 Select your mail account, **Downloading sett.**, and the following options:

**Update interval** — Set how often your device checks your mail account for new mail.

**Automatic retrieval** — Retrieve new mail automatically from your mail account.

- 3 To enable new mail notification, select **Msg. settings > E-mail settings > New e-mail notif.**

### Nokia IM

With the instant messaging (IM) network service, you can send short text messages to online users. You must subscribe to a service and register with the IM service you want to use. For availability, pricing, and instructions, contact your service provider. The menus may vary depending on your IM service provider.

To connect to the service, select **Menu > Messaging > IMs**, and follow the instructions.

## Image and video

### Capture images

#### Activate the camera

Select **Menu** > **Applications** > **Camera**; or, if in video mode, scroll left or right.

#### Zoom in or out

In image mode, scroll up and down, or use the volume keys.

#### Capture an image

Select **Capture**.

Images are saved in Gallery.

#### Activate the camera flash

To set the device to use the flash automatically if the lighting conditions require it, select **Options** > **Flash** > **Automatic**. To set the device to always use the flash, select **Flash on**.

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.

#### Display images after capture

Select **Options** > **Settings** > **Photo preview time** and the preview time.

#### End the image preview manually

Select **Back**.

Your device supports an image capture resolution of up to 1536x2048 pixels.

### Record video clips

#### Activate video mode

Select **Menu** > **Applications** and **Video camera**, or, if in image mode, scroll left or right.

#### Start recording

Select **Record**.

#### Pause or resume recording

Select **Pause** or **Continue**.

#### Stop recording

Select **Stop**.

Video clips are saved in Gallery.

### Camera and video settings

Select **Menu** > **Applications** > **Camera**.

In image or video mode, select **Options** and from the following:

**Self-timer** — Use the self-timer.

**Effects** — Apply different effects (for example, greyscale and false colour) to the captured image.

**White balance** — Adapt the camera to the current light conditions.

**Landscape format** or **Portrait format** — Select the orientation of the camera.

**Settings** — Modify other camera and video settings, and select where to save images and video clips.

**Settings** — Modify other camera and video settings, and select where to save images and video clips.

### Gallery

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



## Photos

View images and play video clips with the Photos application.

Select **Menu** > **Gallery** > **Photos**.

Select from the following:

**My photos** — View images in a thumbnail grid. You can sort images by date, name, or size.

**Timeline** — View images in the order they were captured.

**My albums** — Sort images into albums. You can create, rename and remove albums. If you remove an album, the images inside the album are not deleted from the memory.

## Rotate an image

Select **Options** > **Landscape mode** or **Portrait mode**.

## View a slide show

A slide show uses the images of the currently selected folder or album.

- 1 Select **My photos**, **Timeline**, or **My albums**.
- 2 Select **Options** > **Slide show**.
- 3 Select **Start slide show**.

## Edit images

You can, for example, rotate, flip, crop, and adjust the brightness, contrast, and colours of images.

- 1 Select an image in **My photos**, **Timeline**, or **My albums**.
- 2 Select **Options** > **Edit photo**.
- 3 Select an editing option, and use the scroll key to change the settings or values.

## Music and videos

Your device includes a media player for playing songs and video clips. Music and video files stored in the music folder in the device memory or on the memory card are automatically detected and added to the video or music library.

Select **Menu** > **Gallery** and **Music & videos**.

Select from the following:

**Videos** — List all available video clips.

**All songs** — List all available songs. You can sort songs by artist, album, or genre, for example.

## Manage folders and files

To manage folders and files in Gallery, select **Menu** > **Gallery**.

## View a list of folders

Select **All content**.

## View a list of files in a folder

Select a folder and **Open**.

## View the folders of the memory card when moving a file

Scroll to the memory card, and scroll right.

## Print images

Your device supports Nokia XpressPrint, allowing you to print images in the JPEG file format.

- 1 Connect your device to a compatible printer, using a USB data cable, or, if supported by the printer, Bluetooth connectivity.
- 2 Select an image from **Gallery** and **Options** > **Print**.

### Share images and video clips online

Share images and video clips in compatible online sharing services on the web.

To use online sharing, you must subscribe to an online sharing service (network service).

- 1 Select **Menu** > **Gallery** > **Photos** and a file.
- 2 Select **Options** > **Send** > **Upload to web**.
- 3 Select an online sharing service, and follow the instructions on the display.

You may also mark several images or video clips and upload them together to the online sharing service.

You can view uploads on the internet pages of the online sharing service on your device.

For more information on online sharing and compatible service providers, see the Nokia product support pages or your local Nokia website.

### Memory card

Use a memory card to store your multimedia files, such as video clips, songs, sound files, images, and messaging data.

Select **Menu** > **Gallery** > **All content** > **Memory card**.

Some of the folders in Gallery that contain content used by your device (for example, Themes) can be stored on the memory card.

If your memory card has not been pre-formatted, you need to format it. When

you format a memory card, all data on the card is permanently deleted.

### Format the memory card

Select **Options** > **Mem. card options** > **Format memory card** > **Yes**. When formatting is complete, enter a name for the memory card.

### Protect the memory card with a password

Select **Options** > **Mem. card options** > **Set password**. The password is stored in your device, so you only have to enter the password when attempting to use the memory card in another device.

### Remove the memory card password

Select **Options** > **Mem. card options** > **Delete password**.

### Check the memory consumption

Select **Options** > **Details**. The memory consumption of different data groups, and the amount of available memory to install new software, is displayed.

## Entertainment

### Listen to music

Listen to music with the music player or radio, and record sounds or voice with the voice recorder. Download music from the internet, or transfer music from your PC.

#### Warning:

Continuous exposure to high volume may damage your hearing. Listen to music at a moderate level, and do not hold the device near your ear when the loudspeaker is in use.

### Media player

To open the media player, select **Menu > Applications > Media player**.

### Music menu

Access your music and video files stored in the device memory or on the memory card, download music or video clips from the web, or view compatible video streams from a network server (network service).

Select **Menu > Applications > Media player**.

### Play a media file

Select a file from the available folders and **Play**.

### Download files from the web

Select **Options > Downloads** and a download site.

### Update the music library after adding files

Select **Options > Update library**.

### Create a playlist

- 1 Select **Playlists > Create playlist**, and enter the name of the playlist.
- 2 Add music or video clips from the displayed lists.
- 3 To store the playlist, select **Done**.

### Configure a streaming service

You may receive the streaming settings as a configuration message from the service provider. You can also enter the settings manually.

- 1 Select **Options > Downloads > Streaming settings > Configuration**.
- 2 Select a service provider, **Default**, or **Personal config** for streaming.
- 3 Select **Account** and a streaming service account from the active configuration settings.

### Play songs

#### Operate the media player

Use the scroll key according to the virtual keys on the display.

#### Adjust the volume

Use the volume keys.

#### Start playing

Select **▶**.

#### Pause playing

Select **||**.

#### Skip to the next song

Select **▶▶**.

#### Skip to the previous song

Select **◀◀** twice.

**Fast-forward the current song**

Select and hold ►►.

**Rewind the current song**

Select and hold ◀◀.

**Switch to the music menu**

Select ≡.

**Switch to the current playlist**

Select (••).

**Leave the media player playing in the background**

Press the end key.

**Stop the media player**

Press and hold the end key.

**Change the media player look**

Your device provides several themes to change the look of the media player.

Select **Menu > Applications > Media player** and **Go to Media pl. > Options > Settings > Media player theme** and the desired theme.

The virtual keys may change depending on the theme.

**Transfer music from a computer**

You can transfer music to your device in the following ways:

- Use Nokia Music to transfer, rip, burn, and play new music on your PC and mobile device. Download the PC software from [www.music.nokia.com/download](http://www.music.nokia.com/download).
- Use PC Suite to connect your device to your PC using Bluetooth connectivity or a compatible USB data cable, and

use the Nokia Music Manager. To use a USB data cable, select **PC Suite** as the connection mode.

- Connect your device to your PC using Bluetooth connectivity or a compatible USB data cable, and copy music files to the device memory. To use a USB data cable, select **Data storage** as the connection mode.
- Use Windows Media Player. Connect a compatible USB data cable, and select **Printing & media** as the connection mode.

**Radio**

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

Select **Menu > Applications > Radio**.

**Tune in to radio stations**

- 1 To start the search, press and hold the scroll key left or right. To change the radio frequency in 0.05 MHz steps, briefly press the scroll key left or right.
- 2 To save a station to a memory location, select **Options > Save station**.
- 3 To enter the name of the radio station, select **Options > Stations > Options > Rename**.

Select **Options** and from the following:

**Search all stations** — Search automatically for the available stations at your location.

**Set frequency** — Enter the frequency of a radio station.

**Station directory** — Access a website with a list of radio stations.

**Stations** — List, rename, or delete saved stations.

#### Use the virtual keys on the display

Use the scroll key.

#### Change stations

Scroll up or down, or press the number key that corresponds to the number of the station in the station list.

#### Adjust the volume

Use the volume keys.

#### Set the radio to play in the background

Briefly press the end key.

#### Close the radio

Press and hold the end key.

### Radio settings

Select **Menu > Applications > Radio**.

Select **Options > Settings** and from the following:

**RDS** — Display information from the radio data system, such as the name of the station.

**Auto-frequency** — Allow the device to automatically switch to a frequency with better reception (available when RDS is activated).

**Play via** — Listen using the headset or the loudspeaker.

**Output** — Switch between stereo and mono output.

**Radio theme** — Select the look of the radio.

#### Voice recorder

Record speech, sound, or an active call, and save the recordings in Gallery.

Select **Menu > Applications > Voice recorder**.

The recorder cannot be used when a data call or GPRS connection is active.

To use the graphical keys ●, ☐, or ■, scroll left or right.

#### Start recording

Select ●, or, during a call, select **Options > Record**. While recording a call, all parties to the call hear a faint beeping.

#### Pause recording

Select ☐.

#### Stop recording

Select ■. The recording is saved in the Recordings folder in Gallery.

To play or send the last recording, to access the list of recordings, or to select the memory and the folder to store the recordings, select **Options** and the appropriate option.

#### Equaliser

Adjust the sound when using the media player.

Select **Menu > Applications > Equaliser**.

#### Activate a predefined equaliser set

Scroll to a set, and select **Activate**.

#### Create a new equaliser set

- 1 Select one of the last two sets in the list and **Options > Edit**.
- 2 Use the scroll key to adjust the sound controls.

- 3 To save the settings and enter a name for the set, select **Save** and **Options > Rename**.

## Web

You can access various internet services with your device browser (network service). The appearance of the internet pages may vary due to screen size. You may not be able to see all the details on the internet pages.

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

For the availability of these services, pricing, and instructions, contact your service provider.

You may receive the configuration settings required for browsing as a configuration message from your service provider.

Select **Menu > Internet**.

To set up the service, select **Web settings > Configuration sett.**, a configuration, and an account.

## Browse the web

Select **Menu > Internet**.

## Open the home page

Select **Home**; or in the home screen, press and hold **0**.

## Select a bookmark

Select **Bookmarks**.

## Enter a web address

Select **Go to address**, enter the address, and select **OK**.

## Select the last visited web address

Select **Last web addr.**

## Search the web

If you search for the first time, select a search provider. Then select **Search**, enter the search terms, and select **Search**.

## Change the search provider

Select **Options > Change provider**.

After you connect to the service, you can start browsing its pages. The function of the device keys may vary in different services. Follow the instructions. For more information, contact your service provider.

## Web uploads

On the web page of your online sharing service, you can view uploaded images and video clips and modify settings (network service).

Select **Menu > Internet and Web uploads**.

## Open an online sharing service

Select an online sharing service and a link offered by the service.

## Modify settings

When an online sharing service is open, select **Options > Settings**.

## Browser settings

While browsing the web, select **Options > Settings** and from the following:

**Display** — Select the font size, whether images are displayed, and how the text is displayed.

**General** — Select the encoding type for the contents, whether web addresses are sent as Unicode (UTF-8), and whether JavaScript™ is enabled.

The available options may vary.

### Cache memory

A cache is a memory location that is used to store data temporarily. If you have tried to access or have accessed confidential information requiring passwords, empty the cache after each use. The information or services you have accessed are stored in the cache.

A cookie is data that a site saves in the cache memory of your device. Cookies are saved until you clear the cache memory.

### Clear the cache

While browsing, select **Options > Tools > Clear the cache**.

### Allow or prevent cookies

Select **Menu > Internet and Web settings > Security > Cookies**.

### Browser security

Security features may be required for some services, such as banking services or online shopping. For such connections you need security certificates and possibly a security module, which may be available on your SIM card. For more information, contact your service provider.

To view or modify the security module settings, or to view a list of authority or user certificates downloaded to your device, select **Menu > Settings and Security > Security module, Auth. certificates, or User certificates**.

**Important:** Even if the use of certificates makes the risks involved in remote connections and software installation considerably smaller, they must be used correctly in order to benefit from increased security. The existence of a certificate does not offer any protection by itself; the certificate manager must contain correct, authentic, or trusted certificates for increased security to be available. Certificates have a restricted lifetime. If "Expired certificate" or "Certificate not valid yet" is shown, even if the certificate should be valid, check that the current date and time in your device are correct.

Before changing any certificate settings, you must make sure that you really trust the owner of the certificate and that the certificate really belongs to the listed owner.

### Games and applications

You can manage applications and games. Your device may have some games or applications installed. These files are stored in the device memory or an attached memory card and may be arranged in folders.

### Open an application

Select **Menu > Applications > Extras**.

### Open a game or application

Select **Games, Collection, or Memory card**.

Scroll to a game or application, and select **Open**.

### Set sounds, lights, and shakes for a game

Select **Options > Application settings**.

### Download an application

Your device supports J2ME™ Java applications. Ensure that the application is compatible with your device before downloading it.

**Important:** Only install and use applications and other software from trusted sources, such as applications that are Symbian Signed or have passed the Java Verified™ testing.

You can download new applications and games directly or using your PC.

### Download directly

Select **Menu > Applications > Extras and Options > Downloads > App. downloads or Game downloads**; the list of available bookmarks is shown.

### Download using your PC

Download applications and games to your PC and use PC Suite to install them on your device.

For the availability of different services and pricing, contact your service provider.

## Maps

With Maps, you can browse maps for different cities and countries, search for addresses and different points of interest, plan routes from one location to another, see your current location on the map if you have a GPS connection, and save locations and send them to compatible devices. You can also purchase a licence for a navigation service with voice guidance. This service is not available for all countries or regions.

### About Maps

If there are maps available in your device or on an inserted memory card, you can browse them without an internet connection. When you browse to an area which is not covered by the maps already downloaded in your device, a map for the area is automatically downloaded through the internet. You may be prompted to select an access point to use with the internet connection.

Downloading maps may involve the transmission of large amounts of data through your service provider's network. Contact your service provider for information about data transmission charges.

You can also use the Nokia Map Loader PC software to download maps to your device. To install Nokia Map Loader on a compatible PC, see [www.nokia.com/maps](http://www.nokia.com/maps).

Select **Menu > Applications > Maps** and from the following:

**Last map** — Open the map that was displayed last.



**Find address** — Search for a specific address.

**Saved locations** — Find a location you have saved on your device.

**Rec. locations** — View the locations you have browsed.

**Current position** — View your current location, if a GPS connection is available.

**Plan route** — Plan a route.

**Extra services** — Purchase a license for navigation.

**Settings** — Define the settings.

Almost all digital cartography is inaccurate and incomplete to some extent. Never rely solely on the cartography that you download for use in this device.

### Nokia Map Loader

With the Nokia Map Loader application for PC, you can download maps and voice guidance files from the internet. A memory card with sufficient space must be inserted in your device. You must use the Maps application and browse maps at least once before using Nokia Map Loader, as Nokia Map Loader uses the Maps history information to check which version of the maps to download.

To install Nokia Map loader, visit [www.nokia.com/maps](http://www.nokia.com/maps), and follow the instructions.

### Download maps with Nokia Map Loader

- 1 Connect your device to the computer with a compatible USB data cable or Bluetooth connection. If you use a data cable, select PC Suite as the USB connection method.

- 2 Open Nokia Map Loader on the computer.
- 3 Select a continent and a country or region.
- 4 Select the maps or services, and download and install them to your device.

On the Service tab of Nokia Map Loader, you can purchase navigation and traffic information licences, travel guides, and download maps.

### About GPS

The Global Positioning System (GPS) is operated by the government of the United States, which is solely responsible for its accuracy and maintenance. The accuracy of location data can be affected by adjustments to GPS satellites made by the United States government and is subject to change with the United States Department of Defense civil GPS policy and the Federal Radionavigation Plan. Accuracy can also be affected by poor satellite geometry. Availability and quality of GPS signals may be affected by your location, buildings, natural obstacles, and weather conditions. GPS signals may not be available inside buildings or underground and may be impaired by materials such as concrete and metal.

GPS should not be used for precise location measurement, and you should never rely solely on location data from the GPS receiver and cellular radio networks for positioning or navigation.

The trip meter has limited accuracy, and rounding errors may occur. Accuracy can also be affected by availability and quality of GPS signals.

### GPS receiver

Your device has an internal GPS receiver. For the best signal from the satellites, place your device in a position with an unobstructed view to the sky.

You can use GPS to support the Maps application. Find out your location, or measure distances and plot coordinates.

### Navigate to your destination



You can upgrade Maps to a full navigation system to be used by car and by foot. You need a regional licence for the full navigation system. The car navigation is fully voice-guided with two and three-dimensional map views. Pedestrian navigation is limited to a speed of 30 km/h (18.6 miles/h) and provides no voice guidance. The navigation service is not available for all countries and regions. For details, see your local Nokia website.

### Purchase a licence for navigation

Select **Extra services**. The licence is region-specific and can be used only in the selected area.

### Navigate to the destination

- 1 Select **Plan route**, and create a route.
- 2 Select **Options** > **Show route** > **Options** > **Start navigation**.
- 3 Accept the displayed disclaimer.

- 4 Select the language for voice guidance, if prompted.

If you deviate from the set route, the device automatically plans a new route.

### Repeat the voice guidance

Select **Repeat**.

### Silence the voice guidance

Select **Options** > **Mute audio**.

### Stop navigating

Select **Stop**.

### Navigate on foot

Select **Settings** > **Routing settings** > **Route selection** > **On foot**. This optimises the routes you create for navigation on foot.

## Organise

Let your phone help you to organise your life.


### Manage contacts

Save names, phone numbers, and addresses as contacts in the device and on the SIM card.

Select **Menu** > **Contacts**.

### Select the memory to use for contacts

The device memory can save contacts with additional details, such as alternative phone numbers. You can also save an image, a tone, or a video clip for a limited number of contacts.

The SIM card memory can save names with one phone number attached to them. The contacts saved in the SIM card memory are indicated with .

- 1 Select **More** > **Settings** > **Memory in use** to select the SIM card, the device memory, or both for your contacts.
- 2 Select **Phone and SIM** to recall contacts from both memories. When you save contacts, they are saved in the device memory.

### Handle contacts

#### Search for a contact

Select **Names**.

Scroll through the list of contacts, or enter the first characters of the contact's name.

#### Save a name and phone number

Select **Menu** > **Contacts** and **Add new**.

#### Add and edit details

Select **Names**, a contact, and **Details** > **Options** > **Add detail**.

#### Delete a detail

Select **Names**, a contact, and **Details**. Select a detail and **Options** > **Delete**.

#### Delete a contact

Select **Names**, a contact, and **Options** > **Delete contact**.

#### Delete all contacts

Select **More** > **Del. all contacts** > **From phone mem.** or **From SIM card**.

### Copy or move contacts between the device and SIM card memories

#### Copy single contacts

Select **Names** > **Options** > **More** > **Marking options** > **Mark**. Mark the contacts you want to copy or move, and select **Options** > **Copy marked** or **Move marked**.

#### Copy all contacts

Select **More** > **Copy contacts** or **Move contacts**.

### Create a contact group

Arrange contacts into caller groups with different ringing tones and group images.

- 1 Select **More** > **Groups**.
- 2 Select **Add** or **Options** > **Add new group** to create a new group.
- 3 Enter the group name, optionally select an image and a ringing tone, and select **Save**.
- 4 Select the group and **View** > **Add** to add contacts to the group.

## Business cards

You can send and receive a person's contact information from a compatible device that supports the vCard standard.

Select **Menu** > **Contacts and Names**.

### Send a business card

Select a contact, **Options** > **More** > **Send business card**, and the sending type.

### Save a received business card

Select **Show** > **Save**.

## Date and time

### Modify date and time settings

Select **Menu** > **Settings and Date and time**.

### Change the time zone when travelling

Select **Menu** > **Settings and Date and time** > **Date & time settings** > **Time zone**; and scroll left or right to select the time zone of your location.

The time and date are set according to the time zone and enable your device to display the correct sending time of received text or multimedia messages.

For example, GMT +8 denotes the time zone for Singapore, Malaysia, and Philippines, 8 hours east of Greenwich, London (UK).

## Alarm clock

You can set an alarm to sound at a desired time.

### Set the alarm

- 1 Select **Menu** > **Applications** > **Alarm clock**.

- 2 Set the alarm, and enter the alarm time.
- 3 To issue an alarm on selected days of the week, select **Repeat**: > **On** and the days.
- 4 Select the alarm tone. If you select the radio as the alarm tone, connect the headset to the device.
- 5 Set the length of the snooze time-out period, and select **Save**.

### Stop the alarm

Select **Stop**. If you let the alarm sound for a minute or select **Snooze**, the alarm stops for the length of the snooze time-out period, then resumes.

## Calendar

Select **Menu** > **Calendar**.

The current day is framed. If there are any notes set for the day, the day is in bold type.

### Make a calendar note

Scroll to the date, and select **Options** > **Make a note**. Select the note type, and fill in the fields.

### View the day notes

Select **View**.

### View a week

Select **Options** > **Week view**.

### Delete all notes in the calendar

Select **Options** > **Delete notes** > **All notes**.

### Delete old notes automatically after a specified time

Select **Options** > **Settings** > **Auto-delete notes**.

**Edit settings related to the date and time**

Select **Options** > **Settings**.

**To-do list**

You can save a note for a task you must do.

Select **Menu** > **Applications** > **To-do list**.

**Add a note**

If no note is added, select **Add**; otherwise, select **Options** > **Add**. Fill in the fields, and select **Save**.

**View a note**

Select a note and **View**.

**Notes**

Select **Menu** > **Applications** > **Notes**.

**Add a note**

If no note is added, select **Add**; otherwise, select **Options** > **Make a note**. Write the note, and select **Save**.

**Send a note**

Select **Options** > **Send note** and the sending type.

**Nokia PC Suite**

With Nokia PC Suite, you can manage your music and synchronise contacts, calendar entries, notes, and to-do notes between your device and a compatible PC or a remote internet server (network service). For more information, and to download PC Suite, visit [www.nokia.com/support](http://www.nokia.com/support).

**Calculator**

Your device provides a standard, a scientific, and a loan calculator.

Select **Menu** > **Applications** > **Calculator**.

Select **Options** to select the calculator type or to view the operating instructions.

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

**Countdown timer**

Select **Menu** > **Applications** > **Countd. timer**.

**Normal timer**

- 1 Select **Normal timer**, enter a time, and write a note that is displayed when the time expires.
- 2 Select **Start**.

**Interval timer**

To have an interval timer with up to 10 intervals started, do the following:

- 1 Select **Interval timer**.
- 2 Select **Start timer** > **Start**.

To select how the interval timer should start the next period, select **Settings** > **Cont. to next period**.

**Stopwatch**

You can measure time, take intermediate times, or take lap times using the stopwatch.

Select **Menu** > **Applications** > **Stopwatch** and from the following:

**Split timing** — Take intermediate times. To reset the time without saving it, select **Options** > **Reset**.

**Lap timing** — Take lap times.

**Continue** — View the timing that you have set to the background.

**Show last** — View the most recently measured time if the stopwatch is not reset

**View times or Delete times** — View or delete the saved times

To set the stopwatch timing to the background, press the end key.

## Green tips



Here are tips on how you can contribute to protecting the environment.

### Save energy

When you have fully charged the battery and disconnected the charger from the device, unplug the charger from the wall outlet.

You do not need to charge your battery so often if you do the following:

- Close and disable applications, services, and connections when not in use.
- Decrease the brightness of the screen.
- Set the device to enter the power saver mode after the minimum period of inactivity, if available in your device.
- Disable unnecessary sounds, such as keypad and ringing tones.

### Recycle

Most of the materials in a Nokia phone are recyclable. Check how to recycle your Nokia products at [www.nokia.com/werecycle](http://www.nokia.com/werecycle), or with a mobile device, [www.nokia.mobi/werecycle](http://www.nokia.mobi/werecycle).

Recycle packaging and user guides at your local recycling scheme.

**Learn more**

For more information on the environmental attributes of your device, see [www.nokia.com/ecodeclaration](http://www.nokia.com/ecodeclaration).

**Nokia original accessories****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. In particular, use of unapproved chargers or batteries may present a risk of fire, explosion, leakage, or other hazard.

For availability of approved accessories, check with your dealer.



An extensive range of accessories is available for your device. For more details, see [www.nokia-asia.com/accessories](http://www.nokia-asia.com/accessories).

**Practical rules about accessories**

- Keep all accessories out of the reach of small children.
- When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.
- Check regularly that accessories installed in a vehicle are mounted and are operating properly.
- Installation of any complex car accessories must be made by qualified personnel only.

**Battery**

Type	Talk time	Standby

BL-4S	Up to 4/3.3 hrs (WCDMA/GSM)	Up to 240/200 hrs (WCDMA/GSM)
-------	-----------------------------	-------------------------------

**Important:** Battery talk and stand-by times are estimates and only possible under optimal network conditions. Actual battery talk and standby times depend on SIM cards, features used, battery age and condition, temperatures to which battery is exposed, network conditions, and many other factors, and may be significantly shorter than those specified above. Ringing tones, hands free call handling, use in digital mode, and other features will also consume the battery, and the amount of time a device is used for calls will affect its stand-by time. Likewise, the amount of time that the device is turned on and in the standby mode will affect its talk time.



## Digital rights management

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 WMDRM 10, OMA DRM 1.0, OMA DRM 1.0 forward lock, and OMA DRM 2.0. 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 licence that defines your rights to use the content.

If your device has OMA DRM-protected content, to back up both the licence and the content, use the backup feature of Nokia PC Suite.

Other transfer methods may not transfer the licence which need to be restored with the content for you to be able to continue the use of OMA DRM-protected content after the device memory is formatted. You may also need to restore the licence in case the files on your device get corrupted.

If your device has WMDRM-protected content, both the licence and the content will be lost if the device memory is formatted. You may also lose the licence and the content if the files on your device get corrupted. Losing the licence or the content may limit your ability to use the same content on your device again. For more information, contact your service provider.

Some licence may be connected to a specific SIM card, and the protected content can be accessed only if the SIM card is inserted in the device.

## Battery

### Battery and charger information

Your device is powered by a rechargeable battery. The battery intended for use with this device is BL-4S. Nokia may make additional battery models available for this device. This device is intended for use when supplied with power from the following chargers: AC-8/AC-15. 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, K, 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.

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.

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

**Proper charging.** 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.

**Avoid extreme temperatures.** 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.** 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.

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

**Leak.** Do not dismantle, cut, open, crush, bend, puncture, or shred cells or batteries. In the event of a battery leak, prevent battery liquid contact with skin or eyes. If this happens, flush the affected areas immediately with water, or seek medical help.

**Damage.** Do not modify, remanufacture, attempt to insert foreign objects into the battery, or immerse or expose it to water or other liquids. Batteries may explode if damaged.

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

### 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 Enhancements 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 cannot confirm authenticity or if you have any reason to believe that your Nokia battery with the hologram on the label is not an authentic Nokia battery, you should refrain from using it, and take it to the nearest Nokia authorised service centre or dealer for assistance.

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

#### Taking care of your device

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 high or cold temperature. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics. When the device warms to its normal temperature from a cold 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. Only use a soft, clean, dry cloth to clean the surface of the device.
- Do not paint the device. 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 device and may violate regulations governing radio devices.
- Use chargers indoors.
- Backup all 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.

#### Recycle

Always return your used electronic products, batteries, and packaging materials to dedicated collection points. This way you help prevent uncontrolled waste disposal and promote the recycling of materials. Check product environmental information and how to recycle your Nokia products at [www.nokia.com/werecycle](http://www.nokia.com/werecycle), or [nokia.mobi/werecycle](http://nokia.mobi/werecycle).

#### Additional safety information

The surface of this device is nickel-free.

#### Small children

Your device and its accessories are not toys. They may contain small parts. Keep them out of the reach of small children.

## Operating environment

This device meets RF exposure guidelines in the normal use position at the ear or at least 1.5 centimetres (5/8 inch) away from the body. Any carry case, belt clip, or holder for body-worn operation should not contain metal and should position the device the above-stated distance from your body.

To send data files or messages requires a quality connection to the network. Data files or messages may be delayed until such a connection is available. Follow the separation distance instructions until the transmission is completed.

## Medical devices

Operation of radio transmitting equipment, including wireless phones, may interfere with the function of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine whether they are adequately shielded from external RF energy. Switch off your device when regulations posted instruct you to do so. Hospitals or health care facilities may use equipment sensitive to external RF energy.

## Implanted medical devices

Manufacturers of medical devices recommend a minimum separation of 15.3 centimetres (6 inches) 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.
- Not carry the wireless device in a breast pocket.
- Hold the wireless device to the ear opposite the medical device.
- Turn the wireless device off if there is any reason to suspect that interference is taking place.
- Follow the manufacturer directions for the 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.

## Vehicles

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

Only qualified personnel should service the device or install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate your warranty. 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. Remember that air bags inflate with great force. Do not place your device or accessories in the air bag deployment area.

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 and may be illegal.

## Potentially explosive environments

Switch off your device in any area with a potentially explosive atmosphere. Obey all posted instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or death. Switch off the device at refuelling points such as near gas pumps at service stations. Observe restrictions 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 areas where you would be advised to turn off your vehicle engine, below deck on boats, chemical transfer or storage facilities and 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 may 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 SIM card if your device uses one.
  - Remove certain call restrictions you have activated in your device.
  - Change your profile from Offline or Flight profile 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 organisation 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 0.95 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).

#### **MANUFACTURER'S LIMITED WARRANTY**

This Limited Warranty is in addition to, and does not affect your legal (statutory) rights under your applicable national laws relating to the sale of consumer products.

Nokia Corporation ("Nokia") provides this Limited Warranty to person who has purchased the Nokia product(s) included in the sales package ("Product").

Nokia warrants to you that during the warranty period Nokia or a Nokia authorised service company will in a commercially reasonable time remedy defects in materials, design and workmanship free of charge by repairing or, should Nokia in

its absolute discretion deem it necessary, replacing the Product in accordance with this Limited Warranty (unless otherwise required by law). This Limited Warranty is only valid and enforceable in the country where you have purchased the Product provided that it is intended for sale in that country.

#### **Warranty period**

The warranty period starts at the time of Product's original purchase by the first end-user. The Product may consist of several different parts and different parts may be covered by a different warranty period (hereinafter "Warranty Period"). The different Warranty Periods are:

- a) twelve (12) months for the mobile device and accessories (whether included in the mobile device sales package or sold separately) other than the consumable parts and accessories listed in (b) and (c) below;
- b) six (6) months for the following consumable parts and accessories: batteries, chargers, desk stands, headsets, cables and covers; and
- c) ninety (90) days for the media on which any software is provided, for example, CD-ROM or memory card

As far as your national laws permit, the Warranty Period will not be extended or renewed or otherwise affected due to subsequent resale, repair or replacement of the Product. However, repaired part(s) will be warranted for the remainder of the original Warranty Period or for sixty (60) days from the date of repair, whichever is longer.

#### **How to get warranty service**

If you wish to make a claim under the Limited Warranty, you may call the Nokia call centre (where this is available and please note national rates apply to calls) and/or where necessary, return your Product or the affected part (if it is not the entire Product) to a Nokia care centre or Nokia designated service location. Information about Nokia care centres, Nokia designated service locations and Nokia call centres can be found at local Nokia web pages where available.

You must return your Product or the affected part (if it is not the entire Product) to a Nokia care centre or Nokia designated service location before the expiry of the Warranty Period.

When making a Limited Warranty claim you have to present: a) the Product (or affected part thereto), b) the legible and unmodified original proof of purchase, which clearly indicates the name and address of the seller, the date and place of purchase, the product type and the IMEI or other serial number.

This Limited Warranty extends only to the original first end-user of the Product and is not assignable or transferable to any subsequent purchaser/end-user.

#### What is not covered?

1. This Limited Warranty does not cover user manuals or any third party software, settings, content, data or links, whether included/downloaded in the Product, whether included during installment, assembly, shipping or at any other time in the delivery chain or otherwise and in any way acquired by you. To the extent permitted by applicable law(s), Nokia does not warrant that any Nokia software will meet your requirements, will work in combination with any hardware or software applications provided by a third party, that the operation of the software will be uninterrupted or error free or that any defects in the software are correctable or will be corrected.

2. This Limited Warranty does not cover a) normal wear and tear (including, without limitation, wear and tear of camera lenses, batteries or displays), b) transport costs, c) defects caused by rough handling (including, without limitation, defects caused by sharp items, by bending, compressing or dropping, etc.), d) defects or damage caused by misuse of the Product, including use that is contrary to the instructions provided by Nokia (e.g. as set out in the Product's user guide) and/or e) other acts beyond the reasonable control of Nokia.

3. This Limited Warranty does not cover defects or alleged defects caused by the fact that the Product was used with, or connected to, a product, accessories, software and/or service not manufactured, supplied or authorised by Nokia or was used otherwise than for its intended use. Defects can be caused by viruses from your or from a third party's unauthorised access to services, other accounts, computer systems or networks. This unauthorised access can take place through hacking, password-mining or through a variety of other means.

4. This Limited Warranty does not cover defects caused by the fact that the battery has been short-circuited or by the fact that the seals of the battery enclosure or the cells are broken or show evidence of tampering or by the fact that the battery has been used in equipment other than those for which it has been specified.

5. This Limited Warranty does not apply if the Product has been opened, modified or repaired by anyone other than an authorised service centre, if it is repaired using unauthorised spare parts or if the Product's serial number, the mobile accessory date code or the IMEI number has been removed, erased, defaced, altered or are illegible in any way and this shall be determined in the sole discretion of Nokia.

6. This Limited Warranty does not apply if the Product has been exposed to moisture, to dampness or to extreme

thermal or environmental conditions or to rapid changes in such conditions, to corrosion, to oxidation, to spillage of food or liquid or to influence from chemical products.

#### Other important notices

A third party, independent operator provides the SIM card and cellular and/or other network or system on which the Product operates. Therefore, Nokia will not accept responsibility under this warranty for the operation, availability, coverage, services or range of the cellular or other network or system. Before the Product can be repaired or replaced, the operator may need to unlock any SIM-lock or other lock that may have been added to lock the product to a specific network or operator. Accordingly, Nokia does not accept responsibility for any delays in warranty repairs or for the inability of Nokia to complete warranty repairs that are caused by the operator's delay or failure to unlock any SIM-lock or other lock.

Please remember to make backup copies or keep written records of all important content and data stored in your Product, because content and data may be lost during repair or replacement of the Product. Nokia, in a manner consistent with the provisions of the section entitled "Limitation of Nokia's Liability" below, to the extent permitted by applicable law(s), shall not under any circumstances be liable, either expressly or implied, for any damages or losses of any kind whatsoever resulting from loss of, damage to, or corruption of, content or data during repair or replacement of the Product.

All parts of the Product or other equipment that Nokia has replaced shall become the property of Nokia. If the returned Product is found not to be covered by the terms and conditions of the Limited Warranty, Nokia and its authorised service companies reserve the right to charge a handling fee. When repairing or replacing the Product, Nokia may use products or parts that are new, equivalent to new or reconditioned.

Your Product may contain country specific elements, including software. If the Product has been re-exported from its original destination country to another country, the Product may contain country specific elements that are not considered to be a defect under this Limited Warranty.

#### Limitation of Nokia's liability

This Limited Warranty is your sole and exclusive remedy against Nokia and Nokia's sole and exclusive liability in respect of defects in your Product. However, this Limited Warranty shall neither exclude nor limit i) any of your legal (statutory) rights under the applicable national laws or ii) any of your rights against the seller of the Product.

This Limited Warranty replaces all other Nokia warranties and liabilities, whether oral, written, (non-mandatory) statutory,

contractual, in tort or otherwise, including, without limitation, and where permitted by applicable law, any implied conditions, warranties or other terms as to satisfactory quality or fitness for purpose. To the extent permitted by applicable law(s) Nokia does not assume any liability for loss of or damage to or corruption of data, for any loss of profit, loss of use of Products or functionality, loss of business, loss of contracts, loss of revenues or loss of anticipated savings, increased costs or expenses or for any indirect loss or damage, consequential loss or damage or special loss or damage. To the extent permitted by applicable law, Nokia's liability shall be limited to the purchase value of the Product. The above limitations shall not apply to death or personal injury resulting from Nokia's proven negligence.

### **Statutory obligations**

This Limited Warranty must be read subject to any statutory provisions that imply warranties or conditions into this Limited Warranty that cannot be excluded, restricted or modified or cannot be excluded, restricted or modified except to a limited extent. If such statutory provisions apply, to the extent to which Nokia is able to do so, its liability under those provisions will be limited, at its option to, in the case of goods: the replacement of the goods or the supply of equivalent goods, the repair of the goods, the payment of the cost of replacing the goods or of acquiring equivalent goods, or the payment of the cost of having the goods repaired; and in the case of services: the supplying of the services again or the payment of the cost of having the services supplied again.

**Note:** Your Product is a sophisticated electronic device. Nokia strongly encourages you to familiarise yourself with the user guide and instructions provided with and for the Product. Please also note that the Product might contain high precision displays, camera lenses and other such parts, which could be scratched or otherwise damaged if not handled very carefully.

All warranty information, product features and specifications are subject to change without notice.

Nokia Corporation

Keilalahdentie 2-4

FIN-02150 Espoo

Finland

**Index****Symbols/Numerics**

3G 16

**A**

access codes 10

answering calls 22

anykey answer 24

applications 39

audio messages 27

**B**

backing up data 20

barring password 10

battery 5, 7

battery charge level indicator 11

Bluetooth 19

browser 38

browser security 39

browser settings 38

business cards 44

**C**

cable connection 20

cache memory 39

calculator 45

call 22

call divert 24

call log 24

call waiting 25

caller id 25

camera 32

camera settings 32

chat services (IM) 31

configuration 21

contacts 43

cookies 39

**D**

date and time 44

dial 22

dialling 23

dialling shortcuts 18, 23

digital rights 49

display settings 17, 38

downloads 14

**E**

e-mail 28, 30

e-mail, attachments 28

e-mail, creating 28

e-mail, reading and replying to 28

equaliser 37

**F**

factory settings, restoring 15

file management 33

flash messages 27

flight profile 13, 16

**G**

games 39

GPRS (general packet radio service) 20

GPS (global positioning system) 41, 42

**H**

handsfree 24

headset 8

help application 16

home screen 11, 18

**I**

IM 29

IM (instant messaging) 29, 30, 31

images 32, 33

in-call timer 25

indicators 12

info messages 21

instant messaging 29

internet 38

**K**

keyguard	13, 16
keypad lock	13
keys	5, 18

**L**

language settings	16
lights	17
location information	21
loudspeaker	24

**M**

mail	28, 30, 31
mail setup	28
Maps	40
maps	40, 41, 42
media player	33, 35, 36
memory	34
memory card	6
message centre number	26
message sending	27
message settings	27
messages	26, 27
modem	20
music	36
music player	35, 36
My Nokia	14

**N**

navigation	12
Nokia Map Loader	41
Nokia original accessories	47
Nokia support information	14
notes	45

**O**

offline profile	13
online sharing service	38
operator menu	21

**P**

packet data connection	20
------------------------	----

PC Suite	45
phonebook	43
photographs	32
PictBridge	20
PIN	10
position log	21
printing	33
profiles	17
PUK	10

**R**

radio	36, 37
redial	22, 24
rejecting calls	22
restoring data	20
restoring settings	15

**S**

screen settings	17
scrolling	12
security code	10
security module	10
security settings	16
sharing, online	34, 38
shortcuts	12, 18
signal strength indicator	11
SIM card	5, 13, 21
SIM messages	21
software updates	14, 15, 16
speed dialling	18, 23, 25
status indicators	11
stopwatch	45
strap	8
support resources	14
switching device on/off	11
synchronisation	20

**T**

text input	25
text messages	26
themes	17
time and date	44



to-do list	45
tones	16, 17
transferring, files	36

**U**

updates	
— device software	14
USB cable connection	8, 20
USB connection	20

**V**

video	32, 33
video call	23
video messages	24
voice clarity	24
voice commands	18
voice dialling	23
voice messages	24
voice recorder	37

**W**

wallpaper	17
web	38
write text	25

## DECLARATION OF CONFORMITY

CE 0434

Hereby, NOKIA CORPORATION declares that this RM-509 product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the Declaration of Conformity can be found at [http://www.nokia.com/phones/declaration\\_of\\_conformity/](http://www.nokia.com/phones/declaration_of_conformity/).

© 2009 Nokia. All rights reserved.

Nokia, Nokia Connecting People, Ovi, Nokia Xpress print, Nokia Xpress audio messaging, and Navi are trademarks or registered trademarks of Nokia Corporation. Nokia tune is a sound mark of Nokia Corporation. Other product and company names mentioned herein may be trademarks or tradenames of their respective owners.

Portions of the Nokia Maps software are ©1996-2009 The FreeType Project. All rights reserved.

Reproduction, transfer, distribution, or storage of part or all of the contents in this document in any form without the prior written permission of Nokia is prohibited. Nokia operates a policy of continuous development. Nokia reserves the right to make changes and improvements to any of the products described in this document without prior notice.



Includes RSA BSAFE cryptographic or security protocol software from RSA Security.



Java and all Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc.

This product is licensed under the MPEG-4 Visual Patent Portfolio License (i) for personal and noncommercial use in connection with information which has been encoded in compliance with the MPEG-4 Visual Standard by a consumer engaged in a personal and noncommercial activity and (ii) for use in connection with MPEG-4 video provided by a licensed video provider. No license is granted or shall be implied for any other use. Additional information, including that related to promotional, internal, and commercial uses, may be obtained from MPEG LA, LLC. See <http://www.mpegla.com>.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, UNDER NO CIRCUMSTANCES SHALL NOKIA OR ANY OF ITS LICENSORS BE RESPONSIBLE FOR ANY LOSS OF DATA OR INCOME OR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL OR INDIRECT DAMAGES HOWSOEVER CAUSED.

THE CONTENTS OF THIS DOCUMENT ARE PROVIDED "AS IS". EXCEPT AS REQUIRED BY APPLICABLE LAW, NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE MADE IN RELATION TO THE ACCURACY, RELIABILITY OR CONTENTS OF THIS DOCUMENT. NOKIA RESERVES THE RIGHT TO REVISE THIS DOCUMENT OR WITHDRAW IT AT ANY TIME WITHOUT PRIOR NOTICE.

The availability of particular products and applications and services for these products may vary by region. Please check with your Nokia dealer for details and availability of language options. This device may contain commodities, technology or software subject to export laws and regulations from the US and other countries. Diversion contrary to law is prohibited.

## FCC/INDUSTRY CANADA NOTICE

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

Model number: 3710a-1

/Issue 1.0 EN