

Nokia 7230 User Guide

Issue 1.1

Contents

Safety

5

General information

7

About your device

7

Network mode

8

Network services

8

Shared memory

9

Access codes

9

Software updates using
your PC

10

Support

11

Get started

13

Keys and parts

13

Install SIM card

14

Insert a memory card

16

Insert battery

18

Charge the battery

18

Switch on and off

20

Display

20

Keypad lock

21

GSM antenna

22

Accessories

23

Calls

25

Make and answer a
call

25

Loudspeaker

25

Dialling shortcuts

26

Write text

27

Text modes

27

Traditional text input

27

Predictive text input

28

Navigate the menus

30

Messaging

31

Text and multimedia
messages

31

Flash messages

34

Nokia Xpress audio
messages

34

Nokia Mail	35		
Instant messaging	38	Gallery	53
Voice messages	38	Applications	54
Message settings	39	Alarm clock	54
Contacts	40	Calendar and to-do list	54
Call log	42	Extras	55
Settings	43	Camera and video	57
Profiles	43	FM radio	58
Tones	43	Voice recorder	59
Display	44	Media player	60
Date and time	44	Maps	62
Shortcuts	44	Web or Internet	69
Synchronisation and backup	45	Connect to a web service	70
Connectivity	46	SIM services	71
Call and phone	49	Nokia original accessories	72
Accessories	50	Practical rules about accessories	73
Configuration	51	Battery	73
Restore factory settings	52		

4 Contents

Green tips	75	Potentially explosive environments	83
Save energy	75	Emergency calls	83
Recycle	76	Certification information (SAR)	84
Learn more	76	MANUFACTURER'S LIMITED WARRANTY	85
Battery	77	Index	91
Battery and charger information	77		
Nokia battery authentication guidelines	78		
Taking care of your device	80		
Recycle	81		
Additional safety information	81		
Small children	81		
Operating environment	81		
Medical devices	81		
Vehicles	82		

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.

General information

About your device

The wireless device described in this guide is approved for use on the GSM 850, 900, 1800, 1900 and WCDMA 900, 1900, and 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.

8 General information

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 mode

To select the type of network to use, select **Menu > Settings > Phone > Network mode**. You cannot access this option during an active call.

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. Some networks may have limitations that affect how you can use some features of this device requiring network support such as support for specific technologies like WAP 2.0 protocols (HTTP and SSL) that run on TCP/IP protocols and language-dependent characters.

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.

Shared memory

The following features in this device may share memory: multimedia messaging (MMS), e-mail application, instant messaging. Use of one or more of these features may reduce the memory available for the remaining features. If your device displays a message that the memory is full, delete some of the information stored in the shared memory.

Access codes

The security code helps to protect your device against unauthorised use. The preset code is 12345. You can create

and change the code, and set the device to request the code. 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. Additional charges may apply, and all the personal data in your device may be deleted. For more information, contact a Nokia Care point or your device dealer.

The PIN code supplied with the SIM card protects the card against unauthorised use. The PIN2 code supplied with some SIM cards is required to access certain services. If you enter the PIN or PIN2 code incorrectly three times in succession, you are asked for the PUK or PUK2 code. If you do not have them, contact your service provider.

The module PIN is required to access the information in the security module of your SIM card. The signing PIN may be required for the digital signature. The barring password is required when using the call barring service.

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

Software updates using your PC

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 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 select **PC Suite**.
- 3 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.

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 or your local Nokia website, or with a mobile device, 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. Before sending your device for repair, always back up the data in your device.

Get started

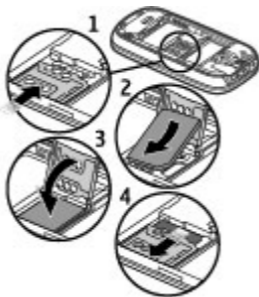
Keys and parts

1	Display	
2	Navi™ key (scroll key)	
3	Selection keys	
4	Call key	
5	Keypad	
6	Earpiece	
7	End/Power key	

8	Charger connector	
9	USB port	
10	Headset connector	
11	Lens	
12	Capture key	
13	Wrist strap eyelet	

Install SIM card

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 Remove the battery if inserted, and slide the SIM card holder to unlock.
- 2 Open the card holder.
- 3 Insert the SIM card into the holder with the contact surface facing down.
- 4 Close the card holder.
- 5 Slide the card holder to lock.

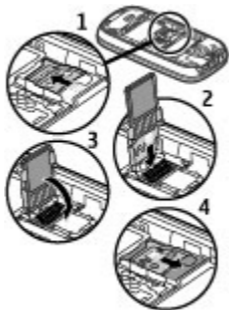
Insert a memory card



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.

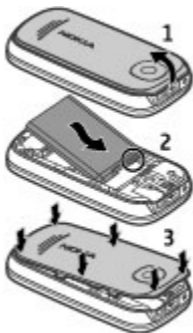
Your device supports microSD cards with a capacity of up to 16 GB. The size of a single file must not exceed 2 GB.

Insert a memory card



- 1 Remove the battery if inserted, and slide the memory card holder to unlock.
- 2 Swing the card holder open.
- 3 Insert the memory card into the card holder with the contact surface facing down.
- 4 Close the card holder.
- 5 Slide the card holder to lock.

Insert battery



- 1 Remove the back cover if in place, observe the battery contacts, and insert the battery.
- 2 Replace the 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 with 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.

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.

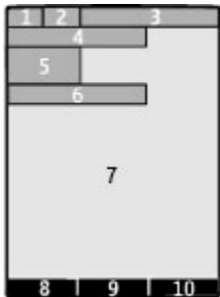
20 Get started

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

Switch on and off

Press and hold the power key.

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 "Shortcuts", p. 44.](#)

Keypad lock

To prevent accidental keypresses, close the phone, and select **Lock** within 5 seconds to lock the keypad.

To unlock the keypad, select **Unlock** > **OK**, or open the phone. If the security keyguard is on, enter the security code when requested.

To set the keypad to lock automatically after a preset time when the phone is in the standby mode, select **Menu** > **Settings** > **Phone** > **Automatic keyguard** > **On**.

To answer a call when the keypad is locked, press the call key. When you end or reject the call, the keypad locks automatically.

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

GSM antenna



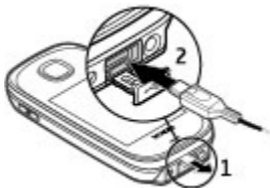
Your device may have internal and external antennas. Avoid touching the antenna area unnecessarily while the antenna is transmitting or receiving. Contact with antennas affects the communication quality and may cause a higher power level during operation and may reduce the battery life.

The figure shows the GSM antenna area marked in grey.

Accessories

Connect a USB cable

Open the cover of the USB connector, and connect the USB cable to the device.



Headset

Warning:

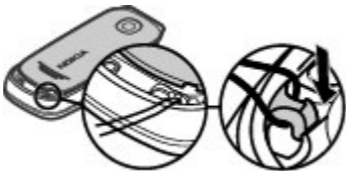
When you use the headset, your ability to hear outside sounds may be affected. Do not use the headset where it can endanger your safety.

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.

Calls

Make and answer a call

To make a call, enter the phone number, including the country and area code if necessary, and press the call key. To adjust the volume of the earpiece or headset during the phone call, scroll up or down.

To answer an incoming call, press the call key. To reject the call without answering, press the end key.

Loudspeaker

If available, you may select **Loudsp.** or **Handset** to use the loudspeaker or the earpiece of the phone during a call.

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.

Dialling shortcuts

Assign a phone number to a number key

Select **Menu > Contacts > Speed dials**, scroll to a desired number (2-9), and select **Assign**. Enter the desired phone number, or select **Search** and a saved contact.

Activate speed dialling

Select **Menu > Settings > Call > Speed dialling > On**.



Make a call using speed dialling

In the standby mode, press and hold the desired number key.

Write text

Text modes

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

When you write text, press and hold **Options** to switch between traditional text input, indicated by , and predictive text input, indicated by . Not all languages are supported by predictive text input.

The character cases are indicated by **AbC**, **abC**, and **ABC**.

To change the character case, press **#**. To change from the letter to number mode, indicated by **123**, press and hold **#**, and select **Number mode**. To change from the number to the letter mode, press and hold **#**.

To set the writing language, select **Options > Writing language**.

Traditional text input

Press a number key, 2-9, repeatedly until the desired character appears. The available characters depend on the selected writing language.

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

To access the most common punctuation marks and special characters, press **1** repeatedly. To access the list of special characters, press *****. To 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.

- 1 Start writing a word, using the keys **2** to **9**. Press each key only once for one letter.
- 2 To confirm a word, scroll right or add a space.
 - If the word is not correct, press ***** repeatedly, and select the word from the list.
 - If the **?** character is displayed after the word, the word you intended to write is not in the dictionary. To add the word to the dictionary, select **Spell**. Enter the word using traditional text input, and select **Save**.

- To write compound words, enter the first part of the word, and scroll right to confirm it. Write the last part of the word, and confirm the word.
- 3 Start writing the next word.

Navigate the menus

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

In the home screen, select **Menu** and the desired menu and submenu.

Exit the current menu level

Select **Exit** or **Back**.

Return to the home screen

Press the end key.

Change the menu view

Select **Menu > Options > Main menu view**.

Messaging

Create and receive messages, such as text and multimedia, with your device. The messaging services can only be used if your network or service provider supports them.

Text and multimedia messages

You can create a message and optionally attach, for example, a picture. Your phone 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.

To set the number manually, do the following:

- 1 Select **Menu > Messaging > More > Msg. settings > Text messages > Message centre.**
- 2 Enter the name and number supplied by your 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 > 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.

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.

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 add an additional mail account, select **Menu > Messaging > More > E-mail and New account**. Follow the instructions.

Write and send a mail

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

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

- 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** > **More** > **E-mail**.

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** > **More** > **E-mail**.

- 1 Select **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 **E-mail settings** > **New e-mail notif..**

Instant messaging

With 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. Check the availability of this service, pricing, and instructions with your service provider. The menus may vary depending on your IM provider.

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

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..**

Message settings

Select Menu > Messaging and More > Msg. settings.

Select from the following:

General settings — Set the font size for messages, and activate graphical smileys and delivery reports.


Text messages — Set up message centres for text messages and SMS mail.

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

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

Contacts

Select **Menu > Contacts**.

You can save names and phone numbers in the device memory or on the SIM card. In the device memory, you can save contacts with numbers and text items. Names and numbers saved on the SIM card are indicated with .

Add a contact

Select **Add new**.

Add details to a contact

Ensure that the memory in use is either **Phone** or **Phone and SIM**. Select **Names**, scroll to the name, and select **Details > Options > Add detail**.

Search for a contact

Select **Names**, and scroll through the list of contacts or enter the first letters of the name.

Copy a contact to another memory

Select **Names**, scroll to the contact, and select **Options > More > Copy contact**. On the SIM card, you can save only one phone number for each name.

Select where to save contacts, how contacts are displayed, and the memory consumption of contacts
Select **More > Settings**.

Send a business card

In the contacts list, scroll to a contact, and select **Options > More > Business card**. You can send and receive business cards from devices that support the vCard standard.

Call log

To view the information on 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.

Settings

Profiles

Waiting for a call, but can't let your device ring? There are various settings groups called profiles, which you can customise with ringing tones for different events and environments.

Select **Menu** > **Settings** > **Profiles**.

Select the desired profile and from the following:

Activate — Activate the profile.

Personalise — Modify the profile settings.

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

Tones

You can change the tone settings of the selected active profile.

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

Display

To view or adjust the wallpaper, font size, or other features related to the device display, select **Menu > Settings > Display**.

Date and time

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

To set the date and time, select **Date & time settings**.

To set the formats for date and time, select **Date & time format**.

To set the phone to update the time and date automatically according to the current time zone, select **Auto-update of time (network service)**.

Shortcuts

With personal shortcuts, you can get quick access to frequently used phone functions.

Select **Menu > Settings > My shortcuts**.

Assign phone functions to the selection keys

Select **Right selection key** or **Left selection key** and a function from the list.

Select shortcut functions for the scroll key

Select **Navigation key**. Scroll to the desired direction, and select **Change** or **Assign** and a function from the list.

Synchronisation and backup

Select **Menu > Settings > Sync & backup**.

Select from the following:

Synchronisation — Synchronise your personal data with Ovi. Before you start synchronising, you need to set up your Nokia account. Select **Connect**, and you are guided through the process.

Phone switch — Synchronise or copy selected data between your device and another device.

Create backup — Back up selected data.

Restore backup — Restore data from a backup. To view the details of a backup file, select **Options > Details**.

Data transfer — Synchronise or copy selected data between your device and a network server (network service).

Connectivity

Your phone has several features that allow you to connect to other devices to transmit and receive data.

Bluetooth wireless technology

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

This device is compliant with Bluetooth Specification 2.1 + EDR supporting the following profiles: Dial-up Networking Profile (DUN) FileTransfer Profile (FTP) General Access Profile (GAP) Generic Object Exchange Profile (GOEP) Handsfree Profile (HFP) Headset Profile (HSP) Object Push Profile (OPP) Phonebook Access Profile (PBAP) Serial Port Profile (SPP) Service Discovery Application Profile (SDAP) SIM Access Profile (SAP). 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.

When the wireless device is in the remote SIM mode, you can only use a compatible connected accessory, such as a car kit, to make or receive calls.

Your wireless device will not make any calls, except to the emergency numbers programmed into your device, while in this mode.

To make calls, you must first leave the remote SIM mode. If the device has been locked, enter the lock code to unlock it first.

Open a Bluetooth connection

- 1 Select **Menu > Settings > Connectivity > Bluetooth**.
- 2 Select **My phone's name**, and enter a name for your device.
- 3 To activate Bluetooth connectivity, select **Bluetooth > On**.  indicates that Bluetooth connectivity is active.
- 4 To connect your device to an audio accessory, select **Conn. to audio acc.** and the accessory.

- 5 To pair your device with any Bluetooth device in range, select **Paired devices** > **Add new device**.
- 6 Scroll to a found device, and select **Add**.
- 7 Enter a passcode (up to 16 characters) on your device, and allow the connection on the other Bluetooth device.

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

Connect your PC to the internet

You can use Bluetooth technology to connect your compatible PC to the internet. Your device must be able to connect to the internet (network service), and your PC must support Bluetooth technology. After connecting to the network access point (NAP) service of the device and pairing with your PC, your device automatically opens a packet data connection to the internet.

Packet data

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

To define how to use the service, select **Menu > Settings > Connectivity > Packet data > Packet data conn.** and from the following options:

When needed — to establish the packet data connection when an application needs it. The connection is closed when the application is terminated.

Always online — to automatically connect to a packet data network when you switch the phone on

You can use your phone as a modem by connecting it to a compatible PC using Bluetooth technology. For details, see the Nokia PC Suite documentation.

Call and phone

Select **Menu > Settings > Call.**

Divert incoming calls

Select **Call divert** (network service). For details, contact your service provider.

Automatically redial ten times after an unsuccessful attempt

Select **Automatic redial** > **On**.

Get a notification of incoming calls while you are in a call

Select **Call waiting** > **Activate** (network service).

Display or hide your number to the person you are calling

Select **Send my caller ID** (network service).

Answer or end a call by opening or closing the slide

Select **Slide call handling**.

Select **Menu** > **Settings** > **Phone**.

Set the display language

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

Accessories

This menu and its various options are shown only if the phone is or has been connected to a compatible mobile accessory.

Select **Menu** > **Settings** > **Accessories**. Select an accessory, and an option depending on the accessory.

Configuration

You can configure your device with settings that are required for certain services. Your service provider may also send you these settings.

Select **Menu** > **Settings** and **Configuration**.

Select 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.

Personal settings — Add 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 information. To activate a personal account, scroll to the account, and select **Options** > **Activate**.

Restore factory settings

To restore the phone back to 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.

Gallery

In Gallery, you can manage images, video clips, and music files.

View the Gallery contents

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

Upload an image or video clip to a web-based service when viewing the file

Select **Options** > **Send** > **Upload to web** and the desired upload service.

Applications

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 and to-do list

Select **Menu** > **Calendar**. The current day is framed. If there are any notes set for the day, the day is in bold.

Add a calendar note

Scroll to the date, and select **Options** > **Make a note**.

View the details of a note

Scroll to a note, and select **View**.

Delete all notes from the calendar

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

View the to-do list

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

The to-do list is displayed and sorted by priority. To add, delete, or send a note, to mark the note as done, or to sort the to-do list by deadline, select **Options**.

Extras

Your device may include some games and Java™ applications specially designed for your device.

Select **Menu** > **Applications** > **Extras**.

Open a game or application

Select **Games, Collection, or Memory card**, and a game or an application.

View the amount of memory available for game and application installations

Select **Options > Memory status**.

Download a game or application

Select **Options > Downloads > Game downloads or App. downloads**.

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.

The downloaded applications may be saved in Gallery instead of Applications.

Camera and video

Your device supports an image capture resolution of 2048x1536 pixels.

Camera mode

Open the camera

In the home screen, press and hold the capture key.

Zoom in or out

Scroll up or down.

Capture an image

Press the capture key.

Set the preview mode and time

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

To activate the self-timer, select **Options** and the desired option.

Video mode

Open the video camera

Press and hold the capture key, and scroll right.

Start recording a video clip

Press the capture key.

Switch between camera and video mode

In camera or video mode, scroll left or right.

FM 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.

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.

Select Menu > Applications > Radio.

Search for a neighbouring station

Press and hold the scroll key to the left or right.

Save a station

Tune to the desired station, and select **Options > Save station**.

Switch between saved stations

Scroll left or right to switch between stations, or press the corresponding number key of the memory location of a desired station.

Adjust the volume

Scroll up or down.

Leave the radio playing in the background

Press the end key.

Close the radio

Press and hold the end key.

Voice recorder

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

Start recording

Select the record icon.

Start recording during a call

Select **Options** > **More** > **Record**. When recording a call, hold the phone in the normal position near to your ear. The recording is saved in the Recordings folder in Gallery.

Listen to the latest recording

Select **Options** > **Play last recorded**.

Send the last recording in a multimedia message

Select **Options** > **Send last recorded**.

Media player

Your device includes a media player for listening to songs or other MP3 or AAC sound files.

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.

Select Menu > Applications > Media player.

Start or pause playing

Press the scroll key.

Skip to the beginning of the current song

Scroll left.

Skip to the previous song

Scroll left twice.

Skip to the next song

Scroll right.

Rewind the current song

Press and hold the scroll key to the left.

Fast-forward the current song

Press and hold the scroll key to the right.

Adjust the volume

Scroll up or down.

Mute or unmute the media player

Press #.

Leave the media player playing in the background

Press the end key.

Close the media player

Press and hold the end key.

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.

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, 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

GPS receiver

Your device does not have an internal GPS receiver. To use applications that require a GPS connection, use a compatible external GPS receiver (accessory sold separately).

Use an external GPS receiver

- 1 Fully charge your compatible GPS receiver, and switch it on.
- 2 Set up a Bluetooth connection between your device and the GPS receiver.
- 3 Place the GPS receiver in a position with an unobstructed view to the sky.
- 4 Open the Maps application, and select the external GPS receiver.

After pairing your device with an external GPS receiver, it may take several minutes for the device to display the current location.

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

You can also use Maps without a GPS receiver to browse maps, search for addresses and locations, and plan routes.

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, and a compatible GPS receiver. 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.

Web or Internet

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

Depending on your phone, the web browsing function may be displayed as Web or Internet in the menu, hereafter referred to as Web.

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.

Connect to a web service

Select **Menu > Internet > Home**. Or, in the standby mode, press and hold **0**.

After you make a connection to the service, you can start browsing its pages. The function of the phone keys may vary in different services. Follow the text guides on the phone display. For more information, contact your service provider.

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.

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.

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: BL-4CT

Talk time:

Up to 3 hours (WCDMA)

Standby

Up to 270 hours (WCDMA)

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.

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, or with a mobile device, 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.

Battery**Battery and charger information**

Your device is powered by a rechargeable battery. The battery intended for use with this device is BL-4CT. 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-3. 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

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, or nokia.mobi/werecycle.

Additional safety information

Note: The surface of this device does not contain nickel in the platings. The surface of this device contains stainless steel.

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 centimetre (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.

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

Medical devices

Operation of 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 0.97 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.

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

90 Additional safety information

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**A**

access codes	9
accessories	50
applications	54
audio messages	34

B

backing up data	45
battery	18
battery charge level indicator	20
browser	69

C

calendar	54
call log	42
calls	25
camera	57
configuration	51

D

display settings	44
------------------	----

E

e-mail	35
extras	55

F

factory settings, restoring	52
flash messages	34

G

Gallery	53
games	55
GPS (global positioning system)	65
GSM	8

H

headset	23
---------	----

I

IM	38
----	----

image mode	57
insert battery	18
instant messaging	38
internet	69

K

keyguard	21
keypad lock	21
keys	13

M

mail	35, 36, 37
Maps	62
maps	62, 64, 66
media player	60
memory card	16
menus	30
message centre number	31
message settings	39
messages	33
microSD card	16

N

network settings	8
Nokia Map Loader	64
Nokia original accessories	72
nokia software updater	10
Nokia support information	11
number mode	27

P

passwords	9
phone settings	49
PIN code	9
predictive text input	28
profiles	43

R

restoring settings	52
--------------------	----

S

security code	9
---------------	---

settings	43	updates	10
— date	44	USB cable	
— time	44	connection	23
settings, display	44		
shortcuts	44		
signal strength			
indicator	20		
SIM card	14		
software updates	10		
speed dialling	26		
status indicators	20		
strap	24		
support resources	11		
synchronisation	45		

T

text messages	31
text modes	27
to-do list	54
tones	43
traditional text input	27

U

UMTS	8
------	---

V

video mode	57
voice messages	38
voice recorder	59

W

web	69
write text	27

DECLARATION OF CONFORMITY

CE 0434

Hereby, NOKIA CORPORATION declares that this RM-604 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/.

© 2009 Nokia. All rights reserved.

Nokia, Nokia Connecting People, 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.

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 is a trademark 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.

The third-party applications provided with your device may have been created and may be owned by persons or entities not affiliated with or related to Nokia. Nokia does not own the copyrights or intellectual property rights to the third-party applications. As such, Nokia does not take any responsibility for end-user support, functionality of the applications, or the information in the applications or these materials. Nokia does not provide any warranty for the third-party applications. BY USING THE APPLICATIONS YOU ACKNOWLEDGE THAT THE APPLICATIONS ARE PROVIDED AS IS WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW. YOU FURTHER ACKNOWLEDGE THAT NEITHER NOKIA NOR ITS AFFILIATES MAKE ANY REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF TITLE, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR THAT THE APPLICATIONS WILL NOT INFRINGE ANY

THIRD-PARTY PATENTS, COPYRIGHTS,
TRADEMARKS, OR OTHER RIGHTS.

Issue 1.1 EN