Nokia 6124 classic
User Guide

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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.

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Contents

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.

ENHANCEMENTS AND BATTERIES
Use only approved enhancements and batteries. Do not connect incompatible products.

ENHANCEMENTS
Use only approved enhancements. Do not connect incompatible products.

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

■ About your device

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

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

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

Your device supports several methods of connectivity. Like computers, your device may be exposed to viruses and other harmful content. Exercise caution with messages, connectivity requests, browsing, and downloads. Only install and use services and other software from trustworthy sources that offer adequate security and protection against harmful software, such as applications that are Symbian Signed or have passed the Java Verified™testing. Consider installing antivirus and other security software on your device and any connected computer.

> **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.

■ Network services

To use the phone you must have service from a wireless service provider. Many of the features require special network features. These features are not available on all networks; other networks may require that you make specific arrangements with your service provider before you can use the network services. Your service provider can give you instructions and explain what charges will apply. Some networks may have limitations that affect how you can use network services. For instance, some networks may not support all language-dependent characters and services.

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

This device supports WAP 2.0 protocols (HTTP and SSL) that run on TCP/IP protocols. Some features of this device, such as web browsing, e-mail, push to talk, instant messaging, and multimedia messaging, require network support for these technologies.

■ Enhancements

> **Warning:** Use only batteries, chargers, and enhancements 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.

For availability of approved enhancements, please check with your dealer. When you disconnect the power cord of any enhancement, grasp and pull the plug, not the cord

Support

■ Help

Your device has context-sensitive help. You can access the help from an application or from the main menu.

To access help when an application is open, select **Options** > *Help.* Select **Options** and from the following options:

Topic list — to view a list of available topics in the appropriate category

Help category list — to view a list of help categories

Search by keyword — to search for help topics using keywords

To switch between help and the application that is open in the background, select and hold the menu key 🎙.

To open help from the main menu, select **Menu** > *Applications* > *Help.*

To view a list of help topics, select the desired application from the list of help categories.

To switch between the help category list, indicated with 🗁, and a keywords list, indicated with 🔡 abc, scroll left or right. To display the related help text, select it.

■ Nokia support and contact information

Check www.nokia.com/support or your local Nokia website for the latest guides, additional information, downloads, and services related to your Nokia product.

On the website, you can get information on the use of Nokia products and services. If you need to contact customer service, check the list of local Nokia contact centers at www.nokia.com/customerservice.

For maintenance services, check your nearest Nokia service center at www.nokia.com/repair.

Software updates

Nokia may produce software updates that may offer new features, enhanced functions, or improved performance. You may be able to request these updates through the Nokia Software Updater PC application. To update the device software, you need the Nokia Software Updater application and a compatible PC with Microsoft Windows 2000 or XP operating system, broadband internet access, and a compatible data cable to connect your device to the PC.

To get more information and to download the Nokia Software Updater application, visit www.nokia.com/softwareupdate or your local Nokia website.

If software updates over the air are supported by your network, you may also be able to request updates through the device.

Downloading software updates 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.

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

1. Get started

■ Insert a SIM or USIM card and battery

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

This phone uses BL-5B batteries.

1. With the back of the phone facing you (1), slide the back cover to remove it (2). To remove the battery, lift it as shown (3).
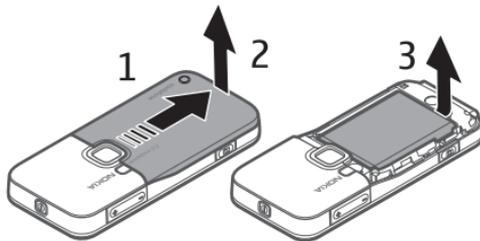
2. To release the SIM card holder, slide it backwards (4), and lift it (5).
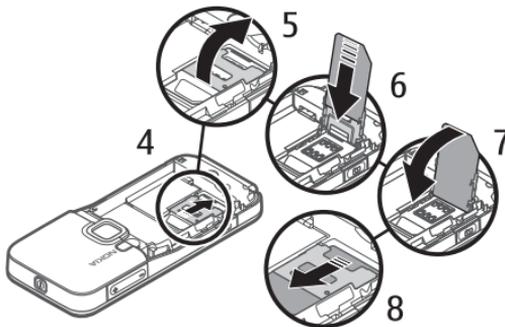
Insert the SIM or USIM card into the SIM card holder (6). Make sure that the card is properly inserted and that the golden-colored contact area on the card is facing downwards, and the beveled corner faces upwards.

Close the SIM card holder (7), and slide it forward to lock it (8).

3. Replace the battery (9) and the back cover (10).
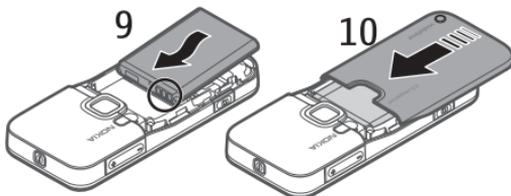
■ microSD card

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

You can extend the available memory with a microSD memory card. You can insert or remove a microSD card without switching the phone off.

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

Insert a microSD card
A memory card may be supplied with the phone.

1. Open the memory card slot door (1).

2. Place the microSD card in the slot with the gold-colored contact area facing up (2). Push the card gently to lock it into place.

3. Tightly close the memory card slot door (3).
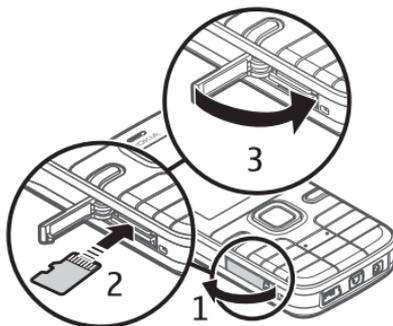
Remove a microSD card

1. Push the card gently to release it. *Remove memory card and press 'OK'* is displayed. Pull the card out, and select **OK**.

2. Tightly close the memory card slot door.

■ Charge the battery

Connect the charger to a wall socket. Connect the charger plug to the charger connector in the phone.

If the battery is completely discharged, it may take a few minutes before the charging indicator appears on the display or before any calls can be made.

The charging time depends on the charger and the battery used. Charging a BL-5B battery with the AC-4 charger takes approximately 80 minutes.

☼ **Tip:** To save battery power, you can use the phone only in the GSM network. Select **Menu** > *Settings* > *Phone sett.* > *Phone* > *Network* > *Network mode* > *GSM*. When the GSM network is selected, you do not have all UMTS (3G) services available.
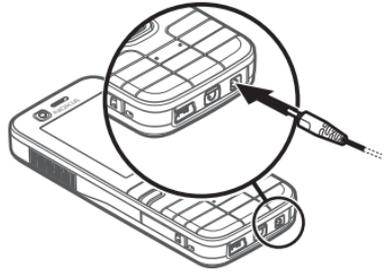
■ Switch the phone on and off

Press and hold the power key.

If the phone asks for a PIN code, enter the PIN code, and select **OK**.

If the phone asks for the lock code, enter the lock code, and select **OK**. The factory setting for the lock code is 12345.

To set the correct time zone, time, and date, select the country you are presently in, then enter the local time and date.

■ Normal operating position

Use the phone only in its normal operating position.

During extended operation, such as an active video call or high speed data connection, the device may feel warm. In most cases, this condition is normal. If you suspect the device is not working properly, take it to the nearest authorized service facility.

■ Antenna locations

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

Cellular antenna (1)

Bluetooth antenna (2)

■ Transfer data

To transfer information, such as contacts, from your old phone, see "Data transfer," p. 52.

2. Your phone

■ Keys and parts

Secondary camera lens (1)

Earpiece (2)

Display (3)

Left and right selection keys (4)

Clear key (5)

Menu key (6), hereafter described as "select **Menu**"

Call key (7)

End key (8)

Navi™ scroll key (9), hereafter referred to as scroll key

Number keys (10)
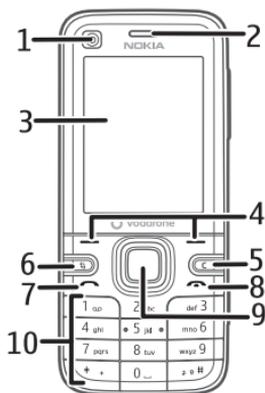
Monospeaker (11)
microSD card slot (12)
Strap holder (13)
USB connector (14)
Nokia AV 2.5-mm connector (15)
Charger connector (16)
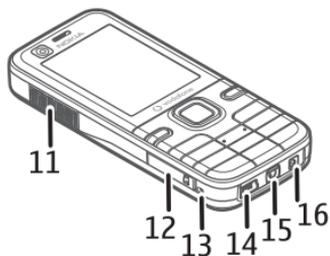
Main camera lens (17)
Camera flash (18)
Power key (19)
Volume keys (20)
Camera key (21)
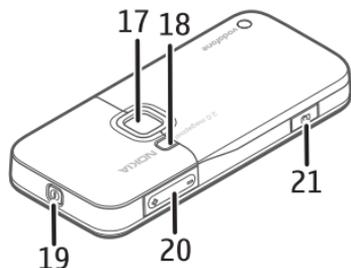
Warning: This device may contain nickel.

■ Standby mode

When you have switched on the phone, and it is registered to a network, the phone is in the standby mode and ready for use.

To open the list of last-dialed numbers, press the call key.

To use the voice commands or voice dialing, press and hold the right selection key.

To change the profile, press the power key, and select a profile.

To start a connection to the web, press and hold 0.

Active standby

When active standby is enabled, you can use the display for fast access to frequently used applications. To select whether the active standby is shown, select **Menu** > *Settings* > *Phone sett.* > *General* > *Personalisation* > *Standby mode* > *Active standby* > *On* or *Off*.

In active standby the default applications are shown across the top of the active standby area, and calendar, to-do, and player events are listed below. To select an application or event, scroll to it, and select it.

Offline profile

The *Offline* profile lets you use the phone without connecting it to a network, as indicated by ✖ in the signal strength indicator area. All wireless RF signals to or from your phone are prevented, and you can use your device without a SIM or USIM card. Use the offline profile in radio sensitive environments — on board aircraft or in hospitals. You can listen to music using the music player when the offline profile is active.

To leave the Offline profile, press the power key, and select another profile.

> **Important:** In the offline profile you cannot make or receive any calls, or use other features that require cellular network coverage. Calls may still be possible to the official emergency number programmed into your device. To make calls, you must first activate the phone function by changing profiles. If the device has been locked, enter the lock code.

■ Indicators

3G   The phone is connected to a UMTS network.

3.5G   The HSDPA (network service) in UMTS network is activated.

Ψ   The phone is connected to a GSM network.

✖   The phone is in offline mode and not connected to a cellular network. See "Offline profile," p. 14.

✉   You received messages to the *Inbox* folder in *Messaging*.

⬆   There are messages waiting to be sent in *Outbox*.

📞   You have missed calls. See "Log," p. 24.

━O   The phone keypad is locked. See "Keypad lock (keyguard)," p. 16.

◁»   The loudspeaker is activated.

━◢   All calls to the phone are diverted to another number.

🎧   A headset is connected to the phone.

⬆   A GPRS packet data connection is active. ⬇ indicates the connection is on hold and ⬆ that a connection is available.

⬆   A packet data connection is active in a part of the network that supports EGPRS. ⬇ indicates the connection is on hold and ⬆ that a connection is

available. The icons indicate that EGPRS is available in the network, but your device is not necessarily using EGPRS in the data transfer.

$\overset{3G}{\rightleftarrows}$ A UMTS packet data connection is active. $\overset{3G}{\rightleftharpoons}$ indicates the connection is on hold and $\overset{3G}{\rightleftharpoons}$ that a connection is available.

$\ast$ Bluetooth is switched on.

$(\ast)$ Data is being transmitted using Bluetooth. See "Bluetooth connection," p. 53.

$\stackrel{\text{\tiny\textbf{1}}}{\longrightarrow}$ A USB connection is active.

Other indicators may also be shown.

■ Menu

In the menu you can access the functions in your phone. To access the main menu, press the menu key $\mathfrak{G}$; hereafter described as "select **Menu**".

To scroll left, right, up, or down, press the edges of the scroll key. To select and open an application or a folder, scroll to it and press the center of the scroll key.

To change the menu view, select **Menu** > **Options** > *Change Menu view* and a view type. If you change the order of the functions in the menu, the order may differ from the default order described in this user guide.

To close an application or a folder, select **Back** and **Exit** as many times as needed to return to the main menu, or select **Options** > *Exit*.

To display and switch between open applications, select and hold **Menu**. The application switching window opens, showing a list of open applications. Scroll to an application, and select it.

To mark or unmark a list item in applications, press **#**. To mark or unmark several consecutive items in a list, press and hold **#**, and scroll up or down.

Leaving applications running in the background increases the demand on battery power and reduces the battery life.

View memory consumption

To check memory consumption, select **Menu** > **Options** > *Memory details* > *Phone memory* or *Memory card*. If the phone memory is getting low, remove some files or move them to the memory card.

■ Volume control

To adjust the earpiece or loudspeaker volume during a call or when listening to an audio file, press the volume keys.

To activate the loudspeaker during a call, select **Loudspeaker** and to deactivate the loudspeaker during a call, select **Handset**.

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

■ Keypad lock (keyguard)

To prevent accidental keypresses, you can lock the keypad.

To lock the keypad, press the left selection key and ***** within 1.5 seconds. Or, to set the phone automatically lock the keypad after a certain time, select **Menu** > *Settings* > *Phone sett.* > *General* > *Security* > *Phone and SIM card* > *Keypad autolock period* > *User defined* and the desired time.

To unlock the keypad, select **Unlock**, and press ***** within 1.5 seconds.

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

■ Access codes

Select **Menu** > *Settings* > *Phone sett.* > *General* > *Security* > *Phone and SIM card* to set how your phone uses the access codes.

Lock code

The lock code (5 digits) helps to protect your phone against unauthorized use. The preset code is 12345. You can change the code and set the phone to request the code.

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

PIN codes

The personal identification number (PIN) code and the universal personal identification number (UPIN) code (4 to 8 digits) help to protect your SIM card against unauthorized use. The PIN code is usually supplied with the SIM card.

The PIN2 code (4 to 8 digits) may be supplied with the SIM card and is required for some functions.

The module PIN is required to access the information in the security module. The signing PIN is required for the digital signature. These PIN codes are supplied with the SIM card if the SIM card has a security module in it.

PUK codes

The personal unblocking key (PUK) code and the universal personal unblocking key (UPUK) code (8 digits) are required to change a blocked PIN code and UPIN code, respectively. The PUK2 code is required to change a blocked PIN2 code.

If the codes are not supplied with the SIM card, contact your local service provider for the codes.

Barring password

The barring password (4 digits) is required when using *Call barring*. See "Phone," p. 46. You can obtain the password from your service provider. If the password is blocked, contact your service provider.

■ Download!

Download! (network service) is a mobile content shop available on your device.

With *Download!* you can discover, preview, buy, download, and upgrade content, services, and applications. The items are categorized under catalogs and folders provided by different service providers. The available content depends on your service provider.

Select **Menu** > *Download!*.

Download! uses your network services to access the most up-to-date content. For information on additional items available through *Download!*, contact your service provider, or the supplier or manufacturer of the item.

■ My own

You can download applications to your phone. To access the applications, select **Menu** > *Applications* > *My own*.

■ Connect a compatible headset

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.

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.
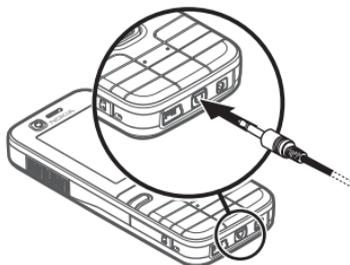
■ Connect a USB data cable

To set the default USB connection mode, select **Menu** > Settings > Connectivity > USB > USB mode and the desired mode. To set whether the default mode is activated automatically, select Ask on connection > No.
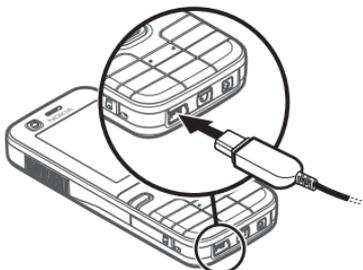
■ Attach a wrist strap

Connect the wrist strap according to the graphic.

For instructions on removing the back cover, see step 1 in "Insert a SIM or USIM card and battery," p. 9.
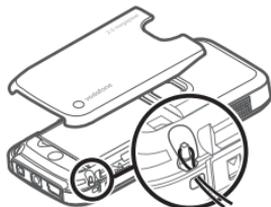
3. Call functions

■ Make a voice call

1. In the standby mode, enter the phone number, including the area code. Press the clear key to remove a number.

   For international calls, press ***** twice for the international prefix (the + character replaces the international access code).

2. To call the number, press the call key.

3. To end the call, or to cancel the call attempt, press the end key.

When security features that restrict calls are in use (such as call barring, closed user group, and fixed dialing), calls may be possible to the official emergency number programmed into your device.

To make a call from *Contacts*, select **Menu** > *Contacts*, and scroll to the desired name. To call the number, press the call key.

Call mailbox

To call your voice mailbox, press and hold **1** in the standby mode. Call mailbox is a network service. Contact your service provider for the call mailbox number.

To define the call mailbox number if no number is set, select **Menu** > *Settings* > *Call mailbox*, and when *Voice mailbox number:* is displayed, enter the voice mailbox number.

To change the call mailbox number, select **Menu** > *Settings* > *Call mailbox* > **Options** > *Change number*, and enter the number.

Speed dialing

Speed dialing is a quick way to call frequently used numbers in the standby mode. You can assign a phone number to the speed dialing keys, **2** to **9**. The **1** key is reserved for the call mailbox.

1. Select **Menu** > *Contacts* and a contact.
2. Scroll to a number, and select **Options** > *Assign speed dial*. Scroll to the desired speed dialing key, and select **Assign**. When you return to the contact information view, 🔗 next to the number indicates the assigned speed dial.

Call a speed dialing number in either of the following ways:

- Press the speed dialing key, then the call key.
- If *Speed dialling* is set to *On*, press and hold the speed dialing key until the call begins. To set *Speed dialling* to *On*, select **Menu** > *Settings* > *Phone sett.* > *Phone* > *Call* > *Speed dialling* > *On*.

To view the number assigned to a speed-dialing key, select **Menu** > *Settings* > *Speed dial*, scroll to the key icon and select **Options** > *View number*.

Voice dialing

A voice tag is added automatically to all entries in *Contacts*.

Use long names, and avoid similar names for different numbers.

Voice tags are sensitive to background noise. Use voice tags in a quiet environment.

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

1. In the standby mode, press and hold the right selection key. A short tone is played, and *Speak now* is displayed.

   If you are using a compatible headset with the headset key, press and hold the headset key.

2. Speak the voice command clearly. The phone plays the voice command of the best match. After 1.5 seconds, the phone dials the number; if the result is not the correct one, before dialing select **Next** and another entry.

Using voice commands to carry out a phone function is similar to voice dialing. See "Voice commands," p. 48.

Make a conference call (network service)

1. Make a call to the first participant.

2. To make a call to another participant, select **Options** > *New call*. The first call is automatically put on hold.

3. To join the first participant in the conference call when the new call is answered, select **Options** > *Conference*.

   To add a new person to the call, repeat step 2, and select **Options** > *Conference* > *Add to conference*. The phone supports conference calls between a maximum of six participants, including yourself.

4. To end the conference call, press the end key.

■ Answer or reject a voice call

To answer a call, press the call key.

To adjust the volume during the call, press the volume keys.

To mute the ringing tone, select **Silence**.

> **Tip:** If a compatible headset is connected to the phone, press the headset key to answer and end a call.

To reject the call, press the end key, or select **Options** > *Reject*. To send a text message to the caller informing why you cannot answer the call, select **Options** > *Send text message*, for information on the settings, see "Phone," p. 46.

Options during a call

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

Select **Options** during a call for some of the following options:

Transfer — to connect a call on hold to an active call and disconnect yourself

Replace — to end an active call and replace it by answering the waiting call

Send DTMF — to send DTMF tone strings (for example, a password). Enter the DTMF string or search for it in *Contacts*. To enter a wait character (**w**) or a pause character (**p**), press ***** repeatedly. To send the tone, select **OK**.

Call waiting (network service)

During a call, to answer the waiting call, press the call key. The first call is put on hold. To end the active call, press the end key.

To activate the *Call waiting* function, select **Menu** > *Settings* > *Phone sett.* > *Phone* > *Call* > *Call waiting* > *Activate.*

To switch between the two calls, select **Swap**.

■ Make a video call

To be able to make a video call, you may need to have a USIM card and be in the coverage of a UMTS network. For availability of and subscription to video call services, contact your service provider. A video call can only be made between two parties and when there are not other voice, video, or data calls active. The video call can be made to a compatible mobile phone or an ISDN client.

You are not receiving video (the recipient is not sending video or the network is not transmitting it).

You have denied video sending from your device.

1. Enter the phone number in the standby mode; or select **Menu** > *Contacts*, and scroll to the desired contact.

2. Select **Options** > *Call* > *Video call*.

   To change between showing video or only hearing sound, select *Enable* or *Disable* > *Sending video*, *Sending audio*, or *Sending aud. & video*.

   Even if you have denied video sending during a video call, the call will still be charged as a video call. Check the pricing with your network operator or service provider.

3. To end the video call, press the end key.

■ Answer or reject a video call

When a video call arrives, 🎥 is displayed. Press the call key to answer the call. Select **Yes** to activate video sending and to show the image captured by the camera in your phone to the caller. To end the video call, press the end key.

Even if you have denied video sending during a video call, the call is still charged as a video call. Check the pricing with your service provider.

To reject the video call, press the end key, or select **Options** > *Reject*. To send a text message to the caller informing why you cannot answer the call, select **Options** > *Send text message*, for information on the settings, see "Phone," p. 46.

■ Share video

Use *Video sharing* to send live video from your mobile device to another compatible mobile device during a voice call.

To use *Video sharing* you must do the following:

- Ensure that your device is set up for person-to-person connections, also known as session initiation protocol (SIP). Ask your service provider for SIP settings and save them in your phone. To enter a recipient's SIP address on your contact card for that person, select **Menu** > *Contacts*, a contact, and **Options** > *Edit* > **Options** > *Add detail* > *SIP* or *Share view*. Enter the SIP address in the format sip:username@domainname (you can use an IP address instead of a domain name).

- Ensure that you and the recipient have active UMTS connections and are within UMTS network coverage. If you start the sharing session while you are within UMTS network coverage and a handover to GSM occurs, the sharing session is discontinued, but your voice call continues.

Share live video

1. When a voice call is active, select **Options** > *Share video* > *Live video*.
2. The phone sends the invitation to the SIP address you have added to the contact card of the recipient.

   If the recipient has several SIP addresses in the contact card, select the SIP address to which you want to send the invitation, and *Select* to send the invitation.

3. Sharing begins automatically when the recipient accepts the invitation.

   The loudspeaker is active. You can also use a headset to continue your voice call while you share live video.

4. Select **Pause** to pause the sharing session. Select **Continue** to resume sharing.

5. To end the sharing session, select **Stop**. To end the voice call, press the end key.

Accept an invitation

When you receive an invitation message displaying the sender's name or SIP address, select from the following:

Accept — to begin the sharing session and activate the View mode

Reject — to decline the invitation. The sender receives a message that you rejected the invitation. You can also press the end key to decline the sharing session and disconnect the voice call.

To end the sharing session, select **Stop**.

■ Log

To view missed, received, or dialed calls, text messages, packet data connections, and fax and data calls registered by the phone, select **Menu** > *Log*.

In the standby mode, you can use the call key as a shortcut to the *Recent calls* log (a network service).

> **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.

> **Note:** Some timers, including the life timer, may be reset during service or software upgrades.

4. Text input

When you write text, ▁◿ appears on the top right of the display, indicating predictive text input, or ◿ appears, indicating traditional text input. To set the predictive text input on or off when writing text, press **#** repeatedly until the desired mode is active.

Abc, **abc**, or **ABC** is displayed next to the text input indicator, indicating the character case. To change the character case, press **#**.

123 indicates the number mode. To change between letter and number mode, press **#** repeatedly until number mode is active.

■ Traditional text input

Press a number key, **1** to **9**, repeatedly until the desired character appears. The availability of characters depends on the selected writing language. To select the language, select **Menu** > *Settings* > *Phone sett.* > *General* > *Personalisation* > *Language* > *Writing language*.

If the next letter you want is on the same key as the present one, wait until the cursor appears (or scroll forward to end the time-out period), and enter the letter.

To insert a number, press and hold the number key.

The most common punctuation marks and special characters are available under the **1** key. For more characters, press and hold *****.

To erase a character, press the clear key. To erase more characters, press and hold the clear key.

To insert a space, press **0**. To move the cursor to the next line, press **0** three times.

■ Predictive text input

To enter any letter with a single keypress, use predictive text input.

1. To write the desired word, press the keys **2**–**9**. Press each key only once for one letter. The word changes after every keypress.

   For the most common punctuation marks, press **1**. For more punctuation marks and special characters, press and hold *****.

   To erase a character, press the clear key.

2. When you have finished the word and it is correct, to confirm it, scroll forward or insert a space.

   If the word is not correct, press ***** repeatedly to view the matching words, one by one, that the dictionary has found.

   If the **?** character is shown after the word, the word you intended to write is not in the dictionary. To add a word to the dictionary, select **Spell**. Enter the word (up to 32 letters) using traditional text input, and select **OK**.

■ Copy text

1. To select letters and words, press and hold **#**, and at the same time scroll left or right. To select lines of text, press and hold **#**, and at the same time scroll up or down.

2. To copy the text to the clipboard, press and hold **#**, and at the same time select **Copy**.

3. To insert the text, scroll to the insertion point, press and hold **#**, and at the same time select **Paste**.

5. Messaging

To open the *Messaging* menu, select **Menu** > *Messaging*. You can see the *New message* function and a list of default folders:

Inbox — contains received messages except e-mail and cell broadcast messages. When there are unread messages in the inbox, the icon changes to .

To open a received message, select **Menu** > *Messaging* > *Inbox* and the desired message.

My folders — for organizing your messages into folders. You can create new folders, rename and delete folders.

Mailbox — for connecting to your remote mailbox to retrieve your new e-mail messages or viewing your previously retrieved e-mail messages offline. After you define settings for a new mailbox, the name given to that mailbox is displayed instead of *Mailbox*.

Before you can send, receive, retrieve, reply to, and forward e-mail to a separate e-mail account, you must configure an internet access point (IAP), see "Connection," p. 47, and define your e-mail settings, see "E-mail settings," p. 30.

Drafts — saves draft messages that have not been sent

Sent — saves the messages that are sent, excluding messages sent using Bluetooth

Outbox — temporarily saves the messages waiting to be sent

Reports (network service) — saves the delivery reports of sent messages

■ Write and send 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 or other marks, and characters from some language options, take up more space, and limit the number of characters that can be sent in a single message.

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.

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

1. To create a message, select **Menu** > *Messaging* > *New message* > *Text message*, *Multimedia message*, *Audio message*, or *E-mail*.

   Audio messages are multimedia messages that consist of a single sound clip and are sent using a multimedia message center.

2. Press the scroll key to select the recipients or groups from *Contacts* or enter the phone number or e-mail address of the recipient in the *To* field. Separate recipients with a semicolon (;).

3. When creating an e-mail or multimedia message, scroll down to the subject field, and write the message subject.

4. Scroll down to the message field.

5. Write the message. The message length indicator shows how many characters you can enter in the message. For example, 10 (2) means that you can still add 10 characters for the text to be sent as two separate text messages.

   To use a template for the text message, select **Options** > *Insert* > *Template*.

   To use a text template for the multimedia message, select **Options** > *Insert object* > *Template* or to add a media object to a multimedia message, select **Options** > *Insert object* > *Image*, *Sound clip*, or *Video clip*.

   To record a new sound clip for an audio message, select **Options** > *Insert sound clip* > *New sound clip*. To use a previously recorded sound clip, select **Options** > *Insert sound clip* > *From Gallery*, scroll to the sound clip, and select it.

   To add a media object to an e-mail, select **Options** > *Insert* > *Image*, *Sound clip*, *Video clip*, *Note*, *Other* or *Template*.

6. To send the message, select **Options** > *Send*.

■ My folders

You can organize your messages into folders, create new folders, and rename and delete folders.

Select **Menu** > *Messaging* > *My folders*. To create a folder, select **Options** > *New folder*, and enter a name for the folder.

■ Mailbox

Select **Menu** > *Messaging* > *Mailbox*. When *Connect to mailbox?* is displayed, select *Yes* to connect to your mailbox (network service) or *No* to view previously retrieved e-mail messages offline.

To connect to the mailbox afterwards, select **Options** > *Connect*.

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

To retrieve all e-mail messages from the mailbox to your phone, select **Options** > *Retrieve e-mail* > *All*.

To view e-mail attachments, indicated with 〚, select **Options** > *Attachments*. You can retrieve, open, or save attachments in supported formats.

To delete an e-mail from the phone while still retaining it in the remote mailbox, select **Options** > *Delete* > *Phone only*. The e-mail heading stays in your phone. To delete an e-mail from the phone and the remote mailbox, select **Options** > *Delete* > *Phone and server*.

To cancel deletion of an e-mail from both the phone and server, scroll to an e-mail that has been marked to be deleted during the next connection, and select **Options** > *Restore*.

When you are online, to end the data connection to the remote mailbox, select **Options** > *Disconnect*. You can view the retrieved e-mail messages and headings offline.

■ Message reader

With *Msg. reader*, you can listen to received text, multimedia, and e-mail messages.

To listen to a message in *Inbox* or *Mailbox*, scroll to the message or mark the messages, and select **Options** > *Listen*. To skip to the next message, scroll down.

Tip: When *1 new message* or *New e-mail* is displayed in the standby mode, to listen to the received messages, press and hold the left selection key until *Msg. reader* starts.

To select the default language and voice used for reading messages and adjust the voice properties, such as rate and volume. Select **Menu** > *Settings* > *Speech*.

■ View messages on the SIM card

To view messages on the SIM card, select **Menu** > *Messaging* > **Options** > *SIM messages*, and copy the SIM messages to a folder in your phone.

■ Messaging settings

Text message settings

Select **Menu** > *Messaging* > **Options** > *Settings* > *Text message* and from the following options:

Message centres — lists all the defined message centers

Message centre in use — defines which message center is used for delivering text messages and special message types such as business cards

Character encoding > *Full support* — to select all characters in the message to be sent as viewed. If you select *Reduced support*, characters with accents and other marks may be converted to other characters.

Receive report (network service) > *Yes* — to show the status of the sent message (*Pending*, *Failed*, *Delivered*) in *Reports*

Message validity — to set a validity period. If the recipient of a message cannot be reached within the validity period, the message is removed from the message service center. Note that the network must support this feature.

Message sent as — to define how the message is sent. The default is *Text*.

Preferred connection — to indicate whether to send text messages using the normal GSM network or packet data, if supported by your network

Reply via same centre (network service) > *Yes* — If the recipient replies to your message, the return message is sent using the same message service center number. All networks do not provide this option.

Multimedia messaging settings

Select **Menu** > *Messaging* > **Options** > *Settings* > *Multimedia message* and from the following options:

Image size — to define the size of the image in a multimedia message as *Small* (max. 160 x 120 pixels) or *Large* (max. 640 x 480 pixels). If you select *Original*, the image is not scaled.

MMS creation mode — To set the phone to inform you if you try to send a message that may not be supported by the recipient, select *Guided*. To set the phone to prevent you from sending messages that are not supported, select *Restricted*. If you select *Free*, message creation is not restricted, but the recipient may not be able to view your message.

Access point in use — Select which access point is used as the preferred connection for multimedia messaging.

Multimedia retrieval — To receive multimedia messages only when you are in your home network, select *Auto in home netw.*. To always receive multimedia messages, select *Always automatic*. To retrieve messages manually, select *Manual*. To not receive any multimedia messages or advertisements, select *Off*.

Allow anon. msgs. > *No* — to reject messages coming from an anonymous sender

Receive adverts — to indicate whether you want to allow reception of multimedia message advertisements

Receive report > *Yes* — to show the status of the sent message (*Pending*, *Failed*, or *Delivered*) in *Reports*

Deny report sending > *Yes* — to deny sending delivery reports

Message validity (network service) — If the recipient of a message cannot be reached within the validity period, the message is removed from the multimedia message center. *Maximum time* is the maximum amount of time allowed by the network for which the message remains valid.

E-mail settings

Before you use e-mail, you must configure an internet access point (IAP) and define your e-mail settings correctly. Follow the instructions given by your e-mail service provider and internet service provider.

Select **Menu** > *Messaging* > **Options** > *Settings* > *E-mail* > *Mailboxes* and a mailbox. If no mailbox settings have been defined, you are asked if you want to define the settings.

Select from the following:

Connection settings — to define the correct *Incoming e-mail* and *Outgoing e-mail* settings. Contact your e-mail service provider for the settings.

User settings — to define settings for sending e-mails and set the phone to alert when receiving a new e-mail

Retrieval settings — to define settings for retrieving e-mail messages, such as retrieving only message headers and the number of messages to retrieve

Automatic retrieval — to define whether to automatically retrieve the headings to your device when you receive new e-mail in your remote mailbox, or to have e-mail headers automatically retrieved at set intervals (days, times, and frequency)

6. Contacts

To save and manage contact information, such as names, phone numbers, and addresses, select **Menu** > *Contacts*.

To add a new contact, select **Options** > *New contact*. Fill in the fields you want, and select **Done**.

To assign default numbers and addresses, select a contact and **Options** > *Defaults*. Scroll to the desired default option, and select **Assign**.

To copy names and numbers from a SIM card to your phone, select **Options** > *SIM contacts* > *SIM directory*. Scroll to the name you want to copy or mark the desired names, and select **Options** > *Copy to Contacts*.

To copy a phone, fax, or pager number from contacts to your SIM card, scroll to the contact you want to copy, and select **Options** > *Copy* > *To SIM directory*.

Create a contact group so that you can send text or e-mail messages to several recipients at the same time. Select **Menu** > *Contacts*, scroll right, and select **Options** > *New group*. Enter a name for the group, and select the group. Select **Options** > *Add members*. Mark the contacts you want to add to the group, and select **OK**.

■ Add a ringing tone

To set a ringing tone (also a video ringing tone) to a contact or a contact group, select **Menu** > *Contacts*.

To add a ringing tone to a contact, select the contact and **Options** > *Ringing tone*, and the desired ringing tone.

To add a ringing tone to a group, scroll right to the groups list and to a group. Select **Options** > *Ringing tone* and the ringing tone for the group.

To remove the personal or group ringing tone, select *Default tone* as a ringing tone.

7. Media

■ Gallery

Select **Menu** > *Gallery*.

Use *Gallery* to store and organize your images, video clips, music tracks, sound clips, track lists, streaming links, .ram files, and presentations.

To copy files to phone memory or to the memory card, select the folder (such as *Images*), scroll to the file or mark the files, and select **Options** > *Organise* > *Copy to phone mem.* or *Copy to memory card.*

To set an image as your wallpaper, select *Images*, and scroll to the image. Select **Options** > *Use image* > *Set as wallpaper.* To assign the image to a contact, select *Assign to contact.*

To download files, select **Menu** > *Gallery*, the folder for the file type you want to download, and the download function (for example, *Images* > *Downl. graphics*). The browser opens. Choose a bookmark for the site to download from.

To create image or video folders and move files to them, select *Images* or *Videos*, and scroll to a file. Select **Options** > *Organise* > *New folder* and the memory, and enter a name for the folder. Mark the files you want to move to the folder, and select **Options** > *Organise* > *Move to folder* and the folder.

Edit images

To edit images in **Gallery**, scroll to the image, and select **Options** > *Edit*.

To crop an image, select **Options** > *Apply effect* > *Crop*. To crop the image size manually, select *Manual* or a predefined aspect ratio from the list. If you select *Manual*, a cross appears in the upper left corner of the image. Scroll to select the area to crop, and select **Set**. Another cross appears in the lower right corner. Again

select the area to be cropped. To adjust the first selected area, select **Back**. The selected areas form a rectangle, which forms the cropped image.

If you selected a predefined aspect ratio, select the upper left corner of the area to be cropped. To resize the highlighted area, use the scroll key. To freeze the selected area, press the scroll key. To move the area within the picture, scroll. To select the area to be cropped, press the scroll key.

To reduce red eye in an image, select **Options** > *Apply effect* > *Red eye reduction*. Move the cross onto the eye, and press the scroll key. A loop appears on the display. To resize the loop to fit the size of the eye, scroll up, down, left, or right. To reduce the redness, press the scroll key.

Shortcuts in the image editor:

- To view an image in the full screen, press *****. To return to the normal view, press ***** again.
- To rotate an image clockwise or counterclockwise, press **3** or **1**.
- To zoom in or out, press **5** or **0**.
- To move on a zoomed image, scroll up, down, left, or right.

Edit video clips

To edit video clips in *Gallery* and create custom video clips, scroll to the video clip, and select **Options** > *Video editor*.

In the video editor you can see two timelines: video clip timeline and sound clip timeline. The images, text, and transitions added to a video clip are shown on the video clip timeline. To switch between the timelines, scroll up or down.

To modify the video, select from the following options:

Edit video clip — to cut, move, remove, or duplicate the video clip; set a background or a color effect to the video clip; mute the sound or adjust the volume of the video clip; and to slow the speed of it

Edit text (shown only if you added text) — to move, remove, or duplicate text; change the color and style of the text; define how long it stays on the screen; and add effects to the text

Edit image (shown only if you added an image) — to move, remove, or duplicate an image; define how long it stays on the screen; and set a background or a color effect to the image

Edit sound clip (shown only if you have added a sound clip) — to cut or move the sound clip, adjust the length of the clip, or remove or duplicate the clip

Edit transition — There are three types of transitions: at the start of a video, at the end of a video, and between video clips. You can select start transition when the first transition of the video is active.

Insert — to select *Video clip*, *Image*, *Text*, *Sound clip*, or *New sound clip*

Movie — to preview the movie in the full screen or as a thumbnail, save or send the movie, or cut the movie to a proper size for sending it in a multimedia message

To take a snapshot of a video clip, in the cut video view, select **Options** > *Take snapshot*. In the thumbnail preview view, press the scroll key, and select *Take snapshot*.

To save your video, select **Options** > *Movie* > *Save*. To define the *Memory in use*, select **Options** > *Settings*.

To send the video, select *Send* > *Via multimedia*, *Via e-mail*, or *Via Bluetooth*. Contact your service provider for details of the maximum multimedia message size that you can send. If your video is too large to send in a multimedia message, ☒ appears.

Transfer videos from PC

To transfer videos from a compatible PC, use a compatible USB cable or Bluetooth connectivity.

The requirements of the PC for video transfer:

- Microsoft Windows XP operating system (or later)
- Nokia PC Suite 6.83 or later
- Nokia Video Manager application (an add-on application to PC Suite)

To transfer videos use Nokia Video Manager, connect the compatible USB cable or activate Bluetooth connection, and select *PC Suite* as the connection mode.

To change the default USB connection mode, select **Menu** > *Settings* > *Connectivity* > *USB* > *USB mode*.

Nokia Video Manager is optimized for transcoding and transferring video files. For information about transferring video with Nokia Video Manager, see the Nokia Video Manager help.

■ Camera

To use the main camera, press the camera key or select **Menu** > *Media* > *Camera*.
To take a self portrait, select **Options** > *Use secondary camera.*

To capture an image, press the
camera key. The image is saved to
Images in Gallery, and the image is
displayed. To return to the
viewfinder, select Back. To delete
the image, press the clear key.

To zoom in or out, scroll up or down.

To turn the flash on (available only in the main camera), select **Options** > *Flash* >
On. If you select *Automatic*, flash is used automatically when necessary.

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

To record a video, select **Options** > *Video mode*, and press the scroll key or camera
key to start recording.

To use the panorama mode, select **Options** > *Panorama mode*. Press the
camera key to capture a panorama image. The panorama preview is displayed.
Turn slowly to right or left. You cannot change the direction. If the arrow on the
display is red, you are turning too fast. To stop the panorama, press the
camera key again. The panorama mode is available only in the main camera.

Your device supports an image capture resolution of 1600 x 1200 pixels.

■ Music player

To open the music player, select **Menu** > *Music player*.

Music library

Music library is a database of the available music tracks. To open the music library,
in the music player main view, select **Options** > *Music library*.

To update the music library and search for music tracks in the phone memory and
on the memory card, select **Options** > *Update Music library*.

To play a specific album, select *Albums*, scroll to the album, and select **Options** >
Play. To listen to specific tracks on the album, select *Albums* and an album, mark
the tracks, and select **Options** > *Play*.

Track lists

To compile and save your own track list, select *Track lists* > **Options** > *New track list*. Select the memory in which to save the track list, and enter a name for the track list. Mark the desired tracks, and press the scroll key.

To listen to a track list, select *Track lists*, scroll to the track list, and select **Options** > *Play*.

Listen to music

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

To start playing or pause playback, press the scroll key. To skip to the next or previous track, scroll down or up. To fast forward or rewind, press and hold the scroll key down or up.

To see the currently playing track list, select **Options** > *Open 'Now playing'*.

To adjust the tone of the sound and apply effects to the sound, select **Options** > *Audio settings*.

To enhance or diminish frequencies during music playback and modify how your music sounds, select **Options** > *Audio settings* > *Equaliser*.

To use a preset, for example, when listening to jazz, select **Options** > *Audio settings* > *Equaliser* > *Jazz* > *Activate*.

■ Recorder

The voice recorder allows you to record phone conversations and voice memos. If you record a phone conversation, all parties hear a beeping sound during recording.

Recorded files are stored in *Gallery*. See "Gallery," p. 31.

Select **Menu** > *Media* > *Recorder*. Select **Options** > *Record sound clip*, or select ⬤. To listen to the recording, select ▶.

■ RealPlayer

With RealPlayer, you can play media files such as video clips saved in the phone memory or memory card, or stream media files over the air by opening a streaming link.

RealPlayer does not support all file formats or all the variations of file formats.

Play media files

To open RealPlayer and play a media file, select **Menu** > *Media* > *RealPlayer* > **Options** > *Open* > *Most recent clips* or *Saved clip*.

To stream content over the air:

- Select a streaming link saved in the gallery. A connection to the streaming server is established.

- Open a streaming link while browsing the Web.

To stream live content, you must first configure your default access point. See *Access points* in "Connection," p. 47. Contact your service provider for information on access point.

In RealPlayer, you can only open an rtsp:// URL address. You cannot open an http:// URL address; however, RealPlayer recognizes an http link to a .ram file because a .ram file is a text file containing an rtsp link.

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

Shortcuts during play

Scroll up to seek forward or down to seek back in the media file.

Press the volume keys to increase or decrease the sound volume.

■ Visual Radio

You can use the Visual Radio application as an FM radio with automatic tuning and preset stations, or with parallel visual information related to the radio program if you tune in to stations that offer Visual Radio service and your network operator supports the service. The Visual Radio service uses packet data (network service).

Visual Radio cannot be started when the phone is in offline mode.

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

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

You can make a call or answer an incoming call while listening to the radio. The radio is turned off when there is an active call.

To open Visual Radio, select **Menu** > *Media* > *Radio*. To turn the radio off, select **Exit**.

8. Positioning

■ GPS data

This feature is not designed to support positioning requests for related calls. Contact your service provider for more information about how your phone complies with government regulations on location-based emergency calling services.

With *GPS data* you can view your current location, find your way to a desired location, and track distance. GPS data requires an external GPS receiver with Bluetooth connectivity to operate and you must have Bluetooth GPS positioning method enabled in **Menu** > *Settings* > *Phone sett.* > *General* > *Positioning* > *Positioning methods*.

Select **Menu** > *Applications* > *My own* > *GPS data*.

In *GPS data* and *Landmarks*, coordinates are expressed in degrees and decimal degrees format using WGS-84 coordinate system.

■ Landmarks

Landmarks are coordinates to geographic locations that you can save to your device for later use in different location-based services. You can create landmarks using a Bluetooth GPS enhancement or network (network service).

Select **Menu** > *Applications* > *My own* > *Landmarks*.

9. Web

To browse web pages, select **Menu** > *Web*, or press and hold **0** in the standby mode.

Check the availability of services, pricing, and tariffs with your service provider. Service providers also give you instructions on how to use their services.

Downloaded items are handled by the respective applications on your phone, for example, a downloaded photo is saved in *Gallery*.

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

> **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.

■ Set up the phone for the browser service

Your device may configure the WAP or internet access point automatically based on your SIM card.

You may receive service settings in a configuration message from the service provider.

To define an access point manually, see *Access points* in "Connection," p. 47.

■ Make a connection

To access web pages, do the following:

- Select the home page ( ) of your service provider.
- Select a bookmark from the Bookmarks view.
- In the Bookmarks view, enter the address of the web page, and select **Go to**.

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

Bookmarks are indicated by the following icons:

  The starting page defined for the default access point.

  The automatic bookmarks folder contains bookmarks ( ) that are collected automatically when you browse pages.

  Any bookmark showing the title or internet address of the bookmark.

 and may be replaced with the website's icon.

■ Connection security

If the security indicator 🔒 is displayed during a connection, the data transmission between the device and the internet gateway or server is encrypted.

The security icon does not indicate that the data transmission between the gateway and the content server (or the place where the requested resource is stored) is secure. The service provider secures the data transmission between the gateway and the content server.

To view details about the connection, encryption status, and information about server authentication, select **Options** > *Tools* > *Page info*.

■ Keys and commands for browsing web pages

To open a link, press the scroll key.

To check boxes and make selections, press the scroll key.

To go to the previous page while browsing, select **Back**.

To save a bookmark while browsing, select **Options** > *Save as bookmark*.

To retrieve the latest content from the server, select **Options** > *Navigation options* > *Reload*.

To open the browser toolbar, scroll to an empty part of the page, and press and hold the scroll key.

Keypad shortcuts while browsing

1 — Open your bookmarks.

2 — Search for keywords in the current page.

3 — Return to the previous page.

5 — List all open windows.

8 — Show the page overview of the current page. Press **8** again to zoom in and view the desired section of the page.

9 — Enter a new web address.

0 — Go to the start page.

* or **#** — Zoom the page in or out.

Mini map

Mini map helps you navigate web pages that contain large amount of information. To set Mini map on, select **Options** > *Settings* > *General* > *Mini map*.

Web feeds and blogs

The browser automatically detects if a web page contains web feeds. To subscribe to a web feed, select **Options** > *Subscribe* and a feed, or click on the link. To view the web feeds you have subscribed to, in the Bookmarks view, select *Web feeds*.

To update a web feed, select it, and **Options** > *Refresh*.

To define how the web feeds are updated, select **Options** > *Settings* > *Web feeds*.

Saved pages

You can save pages and view them later offline.

To save a page while browsing, select **Options** > *Tools* > *Save page*.

To open the *Saved pages* view, in the Bookmarks view, select *Saved pages*. To open a page, select it.

To start a connection to the browser service and retrieve the page again, select **Options** > *Navigation options* > *Reload*. The phone stays online after you reload the page.

■ End a connection

To end the connection and view the browser page offline, select **Options** > *Tools* > *Disconnect*. To quit browsing and to return to the standby mode, select **Options** > *Exit*.

■ Empty the cache

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. To empty the cache, select **Menu** > *Web* > **Options** > *Clear privacy data* > *Clear cache*.

To clear all privacy data, including the cache, cookies, form data passwords, and browsing history, select **Menu** > *Web* > **Options** > *Clear privacy data* > *All*.

■ Browser settings

To define *General* settings for browser, select **Options** > *Settings* > *General* and from the following:

Access point — to select the default access point

Homepage — to define the address of the desired homepage

Mini map — to set the minimap on or off

History list — to select whether a list of the pages you have visited during the current browsing session are displayed when you select **Back**

Security warnings — to hide or show security notifications

Java/ECMA Script — to enable or disable the use of scripts

You can also define settings for *Page*, *Privacy*, and *Web feeds*.

10. Personalization

■ Themes

To change the look of your phone display, activate a theme.

Select **Menu** > *Settings* > *Themes*. To see a list of the available themes, select *General*. The active theme is indicated by a check mark.

To preview a theme, scroll to the theme, and select **Options** > *Preview*. To activate the previewed theme, select **Set**.

In *Themes*, you can also set the menu view type, set a custom wallpaper, and personalize the look of the power saver.

To apply a theme, select **Menu** > *Settings* > *Themes* > *General* and a theme of your choosing.

■ Profiles

In *Profiles*, you can adjust and personalize the phone tones for different events, environments, or caller groups. You can see the currently selected profile at the top of the display in the standby mode. If the *General* profile is in use, only the current date is shown.

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

To activate the profile, select the profile and *Activate*.

> **Tip:** To quickly change to *Silent* profile from any other profile, in the standby mode, press and hold **#**.

To personalize a profile, select the profile, *Personalise* and the desired settings.

When using the *Offline* profile, the phone is not connected to the GSM network. If no SIM card is installed, to use some functions of the phone, start the phone in *Offline*.

> **Important:** In the offline profile you cannot make or receive any calls, or use other features that require cellular network coverage. Calls may still be possible to the official emergency number programmed into your device. To make calls, you must first activate the phone function by changing profiles. If the device has been locked, enter the lock code.

11. Time management

■ Clock

Select **Menu** > *Organiser* > *Clock*. To change the clock settings, and to set the time and date, select **Options** > *Settings*.

Alarm clock

To set a new alarm, scroll right to *Alarm*, and select **Options** > *New alarm*. Enter the alarm time, select whether and when the alarm is repeated, and select **Done**.

To cancel an alarm, scroll to the alarm, and select **Options** > *Remove alarm*. To deactivate a repeated alarm, select **Options** > *Deactivate alarm*.

Select **Stop** to turn off the alarm.

Select **Snooze** to stop the alarm for 5 minutes, after which it resumes. You can do this a maximum of five times.

World clock

To open the world clock view, scroll right to *World*. To add cities to the list, select **Options** > *Add city*.

To set your current city, scroll to a city, and select **Options** > *Set as current city*. The city is displayed in the clock main view, and the time in your device is changed according to the city selected. Check that the time is correct and matches your time zone.

■ Calendar

Select **Menu** > *Organiser* > *Calendar*. Press **#** in the month, week, or day views to automatically highlight the current date.

To create a new calendar entry, select **Options** > *New entry* and an entry type. *Anniversary* entries are repeated every year. *To-do* entries help you to keep a list of tasks that you need to do. Fill in the fields, and select **Done**.

12. Office applications

■ Adobe Reader

Use *Adobe Reader* to view portable document format (.pdf) documents. To open the application, select **Menu** > *Applications* > *Adobe PDF*.

To open a recently viewed document, select it. To open a document that is not listed in the main view, select **Options** > *Browse for file* the memory and folder wherein the file resides and the file.

To move around within a page, scroll. To move to the next page, scroll down at the bottom of the page.

To find text, select **Options** > *Find* > *Text*, and enter the text you want to find. To find the next occurrence, select **Options** > *Find* > *Next*.

To save a copy of the document, select **Options** > *Save*, and specify where to save it.

Settings

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

Default zoom % — to set the default zoom when opening a .pdf file for viewing

View mode > *Full screen* — to open documents in full screen mode

Save settings on exit > *Yes* — to save the settings as default when you exit *Adobe Reader*

■ Quickoffice

To use the Quickoffice applications, select **Menu** > *Applications* > *Quickoffice*.

To view a list of Word, Excel, and PowerPoint documents, scroll right or left to the Quickword, Quicksheet, or Quickpoint view. For example, available Microsoft Word documents are listed in the Quickword view.

To open a file in its respective application, select it. To sort files, select **Options** > *Sort by* and an option.

Quickword

With Quickword, you can view native Microsoft Word documents on the display of your device. Quickword supports colors, bold, italics, and underline.

Quickword supports the viewing of documents saved in .doc format in Microsoft Word 97, 2000, XP, and 2003. Not all variations or features of the mentioned file formats are supported.

To move in the document, scroll.

To search the document for text, select **Options** > *Search options* > *Find*.

Quicksheet

With Quicksheet, you can read Microsoft Excel files on the display of your device.

Quicksheet supports the viewing of spreadsheet files saved in .xls format in Microsoft Excel 97, 2000, XP, and 2003. Not all variations or features of the mentioned file formats are supported.

View spreadsheets

To move around in the spreadsheet, scroll.

To switch between worksheets, select **Options** > *Worksheet*.

To search the speadsheet for a text within a value or formula, select **Options** > *Search options* > *Find*.

To change how the spreadsheet is displayed, select **Options** and from the following:

Pan — to navigate within the current worksheet by blocks. Scroll to the desired block, and select it.

Zoom — to zoom in or out

Freeze panes — to keep the rows and columns above and to the left of the selected cell visible

Resize — to adjust the size of columns or rows

Quickpoint

With Quickpoint, you can view Microsoft PowerPoint presentations on the display of your device.

Quickpoint supports the viewing of presentations created in .ppt format in Microsoft PowerPoint 2000, XP, and 2003. Not all variations or features of the mentioned file formats are supported.

View presentations

To move between the slide, outline, and the notes view, scroll left or right.

To move to the next or previous slide in the presentation, scroll down or up.

To view the presentation in full screen, select **Options** > *Full screen*.

To expand items in the presentation outline in the outline view, select **Options** > *Expand*.

Quickmanager

With Quickmanager, you can download software, including updates, upgrades, and other useful applications. You can pay for the downloads by phone bill or credit card.

To open Quickmanager, select **Menu** > *Applications* > *Quickoffice*, and scroll right to the Quickmanager view.

More information

If you experience problems with Quickword, Quicksheet, or Quickpoint, visit www.quickoffice.com for more information. Support is also available by sending an e-mail to supportS60@quickoffice.com.

13. Settings

■ Phone settings

General

Select **Menu** > *Settings* > *Phone sett.* > *General* and from the following:

- *Personalisation* — to adjust the display, standby mode, tones, keypad tones, language, themes and voice command settings
- *Date and time* — to set the time and date and the display format
- *Enhancement* — to change the settings for an enhancement. Select an enhancement and the desired setting.

- *Security* — to change the phone and SIM card settings, such as PIN and lock codes; to view certificate details and check authenticity, and view and edit security modules

When security features that restrict calls are in use (such as call barring, closed user group, and fixed dialing), calls may be possible to the official emergency number programmed into your device.

- *Factory settings* — to reset some of the settings to their original values. You need the lock code.
- *Positioning* (network service) — to enable a positioning method and to define a positioning server.

  With the positioning service you can receive information from service providers about local issues such as weather and traffic conditions, based on the location of your device.

Phone

Select **Menu** > *Settings* > *Phone sett.* > *Phone* and from the following:

- *Call* — to adjust the call settings, such as *Send my caller ID* (network service) to display or hide your number; *Reject call with SMS* to enable rejecting phone calls with a text message; and *Speed dialling* to activate the speed dialing function
- *Call divert* (network service) — to divert incoming calls to your call mailbox or another phone number
- *Call barring* (network service) — to restrict the calls that you make and receive with your phone

Call barring and call diverting cannot be active at the same time.

When calls are barred, calls may be possible to certain official emergency numbers.

- *Network* — to select which network mode to use, to set the phone to automatically or manually select one of the available network operators (if allowed by the service provider), or to set the phone to indicate when it is used in a cellular network based on microcellular network (MCN) technology (network service)

Connection

Select **Menu** > *Settings* > *Phone sett.* > *Connection* and from the following:

- *Bluetooth* — to switch Bluetooth on or off, and edit Bluetooth settings. See "Bluetooth connection," p. 53.

- *USB* — to edit USB settings. See "USB connection," p. 55.

- *Access points* — To establish a data connection, an access point is required. You can define access points for MMS to send and receive multimedia messages; for WAP to view web pages; and for internet access point (IAP) to send and receive e-mail.

  Check with your service provider for the type of access point you need. For availability and subscription to data connection services, contact your service provider.

  You may receive access point settings in a message from your service provider, or you may have preset access point settings in your phone.

- *Packet data* — to select the packet data connection settings. The packet data settings affect all access points using a packet data connection.

  Select *Packet data connection* > *When available* to set the phone to register to the packet data network when you are in a network that supports packet data. If you select *When needed*, the phone uses a packet data connection only if you start an application or function that needs it.

  Select *Access point* to set the access point name to use your phone as a modem with your computer.

- *Data call* — to set the online time for the data call connection. The data call settings affect all access points that use a GSM data call.

- *SIP settings* — to view and edit session initiation protocol (SIP) profiles

- *Configurations* — to view and delete configurations. Certain functions, such as web browsing and multimedia messaging, may require configuration settings. You may receive the settings from your service provider.

- *APN control* — to restrict the use of packet data access points. This setting is only available if your SIM card supports the service. To change the settings, you need the PIN2 code.

Applications

To view and edit settings of applications installed on your phone, select **Menu** > *Settings* > *Phone sett.* > *Applications*.

■ Voice commands

To select the functions to use by voice command, select **Menu** > *Settings* > *Voice comm.*. The voice commands for changing profiles are in the *Profiles* folder.

To activate a new voice command for an application, select **Options** > *New application* and the application. To play the activated voice command, select **Options** > *Playback*.

To use voice commands, see "Voice dialing," p. 20.

14. Data management

■ File manager

To see a list of the folders in the phone memory, select **Menu** > *Settings* > *Data mgr.* > *File mgr.*. Scroll right to see the folders on the memory card.

To check memory consumption of the current memory, select **Options** > *Memory details*. If the phone memory is getting low, remove some files, or move them to the memory card.

■ Memory card

Keep all memory cards out of the reach of small children.

Select **Menu** > *Settings* > *Data mgr.* > *Memory*.

For details on inserting a memory card into the phone, see "Get started," p. 9.

• Format memory card

 When a memory card is formatted, all data on the card is permanently lost.

 To format a new memory card, select **Options** > *Format memory card* > **Yes**. When the formatting is complete, enter a name for the memory card.

• Backup and restore information

 To back up information from phone memory to the memory card, select **Options** > *Back up phone memory*.

 To restore information from the memory card to the phone memory, select **Options** > *Restore from card*.

 You can only back up the phone memory and restore it to the same phone.

• Lock and unlock the memory card

To set a password to help prevent unauthorized use, select **Options** > *Set password*. You are asked to enter and confirm your password. The password can be up to eight characters long.

If you insert another password-protected memory card into your phone, you are prompted to enter the password of the card. To unlock the card, select **Options** > *Unlock memory card*.

■ Device manager

To open the device manager, select **Menu** > *Settings* > *Data mgr.* > *Device mgr.*.

To connect to a server and receive configuration settings for your phone, scroll to the server profile, and select **Options** > *Start configuration*.

To edit a server profile, select **Options** > *Edit profile* and from the following settings:

Allow configuration — To receive configuration settings from the server, select *Yes*.

Auto-accept all requests — If you want the phone to ask for confirmation before accepting a configuration from the server, select *No*.

Contact your service provider or company information management department for the other server profile settings.

Update software

> **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.

Remember to save backups of important personal information and files (such as contacts, images, and messages) before updating the software.

To check the current version of the software, select **Menu** > *Settings* > *Data mgr.* > *Device mgr.* > *Updates*.

1. Select **Menu** > *Settings* > *Data mgr.* > *Device mgr.* > *Updates* > *Check for updates*.

   If an update is available, the device starts downloading it.

2. After a successful download, answer *Yes* to the confirmation query to continue the installation. To start the installation later, select *No*.

To start the installation process later, select **Menu** > *Settings* > *Data mgr.* > *Device mgr.* > *Install update*.

If the server profile is defined, it is used as a default. If no server profile has been defined, the device asks you to create one, or, if there are several, to select from a list of servers.

Contact your service provider for server profile settings.

■ Application manager

You can install two types of applications and software to your phone:

J2ME™ applications based on Java™ technology with the extension .jad or .jar. PersonalJava™ applications cannot be installed on your phone.

Other applications and software suitable for the Symbian operating system. The installation files have the .sis extension. Only install software specifically designed for your phone.

Installation files may be transferred to your phone from a compatible computer, downloaded during browsing, or sent to you in a multimedia message, as an e-mail attachment or by using Bluetooth. You can use Nokia Application Installer in Nokia PC Suite to install an application to your phone or a memory card.

To open *App. manager*, select **Menu** > *Settings* > *Data mgr.* > *App. mgr.*.

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.

Before installation, in *App. manager*, scroll to the installation file, and select **Options** > *View details* to view information such as the application type, version number, and the supplier or manufacturer of the application.

The .jar file is required for installing Java applications. If it is missing, the phone may ask you to download it.

To install an application or software package, scroll to an installation file, and select **Options** > *Install*. Applications on the memory card are indicated with 🔳.

To remove an application, in *App. manager*, scroll to the software package, and select **Options** > *Remove*.

For application manager settings, select **Options** > *Settings*.

■ Activation keys

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 OMA DRM 2.0 and OMA DRM 1.0. If certain DRM software fails to protect the content, content owners may ask that such DRM software's ability to access new DRM-protected content be revoked. Revocation may also prevent renewal of such DRM-protected content already in your device. Revocation of such DRM software does not affect the use of content protected with other types of DRM or the use of non-DRM-protected content.

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

If your device has OMA DRM-protected content, to back up both the activation keys and the content, use the backup feature of Nokia PC Suite. Other transfer methods may not transfer the activation keys 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 activation keys in case the files on your device get corrupted.

Some activation keys 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.

Select **Menu** > *Settings* > *Data mgr.* > *Actv. keys* to view the digital rights activation keys saved in your phone.

To view valid keys (🔑) that are connected to one or more media files, select *Valid keys*. Group keys, which contain several keys, are indicated with 🔑. To view the keys contained in the group key, select the group key.

To view invalid keys (🔑) with which the time period for using the file is exceeded, select *Invalid keys*. To buy more usage time or extend the usage period for a media file, select an invalid key and **Options** > *Get new key*. It may not be possible to update activation keys if web service message reception is disabled. To enable the service message reception, select **Menu** > *Messaging* > **Options** > *Settings* > *Service message* > *Service messages* > *On*.

To view activation keys that are not in use, select *Not in use*. Unused activation keys have no media files connected to them.

To view detailed information such as the validity status and the ability to send the file, scroll to an activation key, and select it.

15. Connectivity

■ Data transfer

With data transfer you can copy or synchronize contacts, calendar entries, and possibly other data, such as video clips and images, from a compatible phone using a Bluetooth connection.

Depending on the other phone, synchronization may not be possible and data can be copied only once.

To transfer or synchronize data, do the following:

1. Select **Menu** > *Settings* > *Connectivity* > *Transfer*. If you have not used *Transfer* before, information about the application is displayed. Select **Continue** to start transferring data.

   If you have used *Transfer*, select *Transfer data*.

2. When using Bluetooth, the phones need to be paired in order to transfer data.

   Depending on the type of the other phone, an application may be sent and installed on the other phone to enable the data transfer.

3. Select what content you want to be transferred to your phone.

■ PC Suite

With PC Suite you can synchronize contacts, calendar and to-do notes, and notes between your phone and a compatible PC. You can also back up and copy data, for example, images, from your phone to a PC.

You may find more information about PC Suite and the download link in the support area on the Nokia website, **www.nokia.com/pcsuite**.

■ Bluetooth connection

Bluetooth technology enables wireless connections between electronic devices within a maximum range of 10 meters (33 feet). A Bluetooth connection can be used to send images, videos, text, business cards, calendar notes, or to connect wirelessly to compatible devices using Bluetooth technology, such as computers.

This device is compliant with Bluetooth Specification 2.0 supporting the following profiles: Dial Up Networking, Serial Port, File Transfer, Object Push, Handsfree, Headset, SIM Access, Generic Access, and Advanced Audio Distribution. To ensure interoperability between other devices supporting Bluetooth technology, use Nokia approved enhancements 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.

Bluetooth connection settings

Select **Menu** > *Settings* > *Connectivity* > *Bluetooth* and from the following:

Bluetooth — to switch Bluetooth on or off

My phone's visibility — to allow your phone to be found by other Bluetooth devices at all times or for a defined time period. For security reasons it is advisable to use the *Hidden* setting whenever possible.

Remote SIM mode > *On* — to enable the usage of the SIM card of the phone by another device

When the wireless device is in the remote SIM mode, you can only use a compatible connected enhancement, 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 from your device, you must first leave the remote SIM mode. If the device has been locked, enter the lock code to unlock it first.

Send data

There can be only one active Bluetooth connection at a time.

1. Open an application where the item you wish to send is saved.

2. Scroll to the item you want to send, and select **Options** > *Send* > *Via Bluetooth*.

3. The phone starts to search for devices within range. Paired devices are shown with ⁕₊.

   When searching for devices, some devices may show only the unique device addresses. To find out the unique address of your phone, enter the code ***#2820#** in the standby mode.

   If you have searched for devices earlier, a list of the devices that were found previously is shown first. To start a new search, select *More devices*.

4. Select the device with which you want to connect.

5. If the other device requires pairing, enter a passcode (1-16 digits) and agree with the owner of the other device to use the same code.

Data received using Bluetooth connection can be found in *Inbox* in *Messaging*.

Paired devices view

In the Bluetooth main view, scroll right to open a list of paired devices.

Do not accept Bluetooth connections from sources you do not trust.

To pair with a device, select **Options** > *New paired device*. Select the device with which to pair. Exchange passcodes.

To cancel pairing, scroll to the device whose pairing you want to cancel, and press the clear key.

To set a device to be authorized (🗊) and automatically allow connections between your phone and the device without accepting the connection, scroll to the device, and select **Options** > *Set as authorised*. Use this status only for devices you own or devices that belong to someone you trust. To disallow automatic connections, select *Set as unauthorised*.

Receive data

When you receive data using Bluetooth technology, a tone sounds, and you are asked if you want to accept the message. If you accept, the item is placed in *Inbox* in *Messaging*.

■ USB connection

Select **Menu** > *Settings* > *Connectivity* > *USB*. To select the default USB connection mode, select *USB mode* and the desired mode: *Media player*, *PC Suite*, or *Data transfer*. To have the device ask the purpose of the connection each time the cable is connected, select *Ask on connection* > *Yes*.

After transferring data, ensure that it is safe to unplug the USB data cable from the PC.

16. Battery and charger information

Your device is powered by a rechargeable battery. The battery intended for use with this device is BL-5B. This device is intended for use when supplied with power from the following chargers: AC-3, AC-4, AC-5, DC-4 or CA-44 charger adapter. The battery can be charged and discharged hundreds of times, but it will eventually wear out. When the talk and standby times are noticeably shorter than normal, replace the battery. Use only Nokia approved batteries, and recharge your battery only with Nokia approved chargers designated for this

device. Use of an unapproved battery or charger may present a risk of fire, explosion, leakage, or other hazard.

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

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

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

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

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

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

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

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

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

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

■ 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 an authorized Nokia dealer, and inspect the hologram label using the following steps:

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

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.
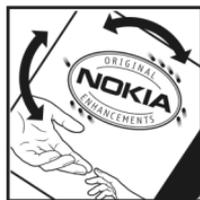
What if your battery is not authentic?

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

To find out more about original Nokia batteries, visit www.nokia.com/battery.

Care and maintenance

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

- Keep the device dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that will corrode electronic circuits. If your device does get wet, remove the battery, and allow the device to dry completely before replacing it.
- Do not use or store the device in dusty, dirty areas. Its moving parts and electronic components can be damaged.
- Do not store the device in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the device in cold areas. When the device returns to its normal temperature, moisture can form inside the device and damage electronic circuit boards.
- Do not attempt to open the device other than as instructed in this guide.
- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and fine mechanics.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.
- Do not paint the device. Paint can clog the moving parts and prevent proper operation.
- Use a soft, clean, dry cloth to clean any lenses, such as camera, proximity sensor, and light sensor lenses.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the device and may violate regulations governing radio devices.
- Use chargers indoors.
- Always create a backup of data you want to keep, such as contacts and calendar notes.
- To reset the device from time to time for optimum performance, power off the device and remove the battery.

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

Disposal

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

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

Additional safety information

■ Small children

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

■ Operating environment

This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 2.2 centimeters (7/8 inch) away from the body. When a carry case, belt clip, or holder is used for body-worn operation, it should not contain metal and should position the device the above-stated distance from your body.

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

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

■ Medical devices

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

Implanted medical devices

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

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

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

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

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

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

Only qualified personnel should service the device or install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to the device. Check regularly that all wireless device equipment in your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or enhancements. For vehicles equipped with an air bag, remember that air bags inflate with great force. Do not place objects, including installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

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

■ Potentially explosive environments
Switch off your device when in any area with a potentially explosive atmosphere, and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device at refueling points such as near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel depots, storage, and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities and areas where the air contains chemicals or particles such as grain, dust, or metal powders. You should check with the manufacturers of vehicles using liquefied petroleum gas (such as propane or butane) to determine if this device can be safely used in their vicinity.

■ Emergency calls

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

To make an emergency call:
1. If the device is not on, switch it on. Check for adequate signal strength. Depending on your device, you may also need to complete the following:
   - Insert a 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 mode to an active profile.
2. Press the end key as many times as needed to clear the display and ready the device for calls.
3. Enter the official emergency number for your present location. Emergency numbers vary by location.
4. Press the call key.

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

■ Certification information (SAR)

This mobile device meets guidelines for exposure to radio waves.

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

The exposure guidelines for mobile devices employ a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit stated in the ICNIRP guidelines is 2.0 watts/kilogram (W/kg) averaged over 10 grams of tissue. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The actual SAR level of an operating device can be below the maximum value because the device is designed to use only the power required to reach the network. That amount changes depending on a number of factors such as how close you are to a network base station. The highest SAR value under the ICNIRP guidelines for use of the device at the ear is 1.11 W/kg.

Use of device accessories and enhancements 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.

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