Nokia Booklet 3G



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# 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 the use of wireless devices that require network connection is prohibited or when it may cause interference or danger.

# INTERFERENCE



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

# SWITCH OFF IN RESTRICTED AREAS



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

## **QUALIFIED SERVICE**



Only qualified personnel may install or repair this product.

## **ACCESSORIES AND BATTERIES**



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

## WATER-RESISTANCE



Your device is not waterresistant. Keep it dry.

## **GLASS PARTS**



The display of your device is made of glass. This glass can break if the device is dropped on a hard surface or receives a substantial impact. If the glass breaks, do not touch the glass parts of the device or attempt to remove the broken glass from the device. Stop using the device until the glass is replaced by qualified service personnel.

# 1. Important information

Read all the installation and safety information before taking your device into use.

# **Charge the battery**

**Note:** Use only a compatible charger to charge the battery.

# Warning:

Do not use the charger of your device to charge any other devices. Connecting the charger to other devices may cause damage.

Your battery has been partially charged at the factory.

You do not need to charge the battery for a specific length of time, and you can use the device while it is charging.

**Tip:** You can charge an external device using a micro USB or Nokia 2 mm plug connection. Connect a mobile device, for example, using the supplied USB data cable. Charging an external device consumes power and your device battery discharges more quickly.

# Hard disk protection

Your device comes with hard disk protection. This feature protects the disk surface from damage in case your device falls or there is some other sudden movement. Hard disk protection may save your data and hard disk from damage.

# 2. Support

# Find support

When you want to learn more about how to use your product, or you are unsure how your device should function, for instructions and frequently asked questions, see the support pages at www.nokia.com/support or the online user guide.

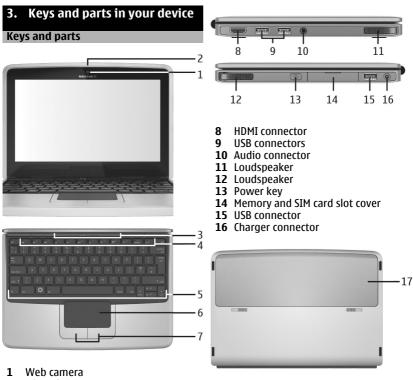
If the issue remains unsolved, contact Nokia for repair options. See www.nokia.com/repair. Before sending your device for repair, always back up the data in your device.

### **In-device support**

You can learn more about the features and functions of your device in the Help and Support application.

In the Help and Support application you can search for help topics and support services, and troubleshoot problems.

# **Open Help and Support** Select **Start > Help and Support**.



- 2 Microphone
- 3 Indicators
- 4 Function / Shortcut keys
- 5 Keyboard
- 6 Touch pad
- 7 Touch pad buttons

# 17 Battery

## **Remove the battery**

Push the battery latches toward the sides of the device to unlock them.

When the latches are properly opened, the battery is released, and you can remove it.

### Indicators

Mains current (charger)

### Battery Sleep mode 3G 3G and GPS con

**3G** 3G and GPS connection active (;) Wireless LAN (WLAN) active

- VVITETESS LAIN (VVLAIN) dCUV
  - Bluetooth connection

# **Keyboard shortcuts**

With keyboard shortcuts, you can use your device more efficiently.

# **Function keys**



- Fn+F1 Back/Rewind
- Fn+F2 Play/Pause
- Fn+F3 Next/Forward
- Fn+F4 Mute sound
- Fn+F5 Volume down
- Fn+F6 Volume up
- Fn+F7 Reduce screen brightness
- Fn+F8 Increase screen brightness
- Fn+F9 Switch display mode
- Fn+F10 Activate connection methods
- Fn+F11 Open Social hub
- Fn+F12 Print screen

# Power key

# Switch device off if not responding

Press and hold the power key for at least four seconds.

# Start up in flight mode

Press and hold the power key approximately 3 seconds to start up your device without activating the internal WLAN, 3G, or Bluetooth antenna.

# Deactivate flight mode

Press **fn+F10**, and select the airplane icon.

To change the power scheme or shut down the device, for example, press the power key, and select from the following:

Balanced — Balance performance with power consumption where possible.

High performance — Prioritise performance over battery life.

Power saver — Minimise power consumption.

Sleep — Put the system in standby mode. Restart — Shut down your device, after which it starts up.

Shutdown — Shut down your device.

# Antenna locations

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



- 1 Cellular antenna/GPS antenna (on the left)
- 2 WLAN antenna
- 3 Bluetooth antenna

## **Memory card**

Use only compatible SD 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.



A memory card may be already inserted in the device. If not, do the following:

# Insert a memory card



Open the cover of the memory card slot.



2

Insert a compatible memory card in the memory card slot. Ensure that the contact area on the card is facing down. Push the card in. You can hear a click when the card locks into place.

3 Close the cover of the memory card slot. Ensure that the cover is properly closed.

**Tip:** You can also use a miniSD or microSD card with adapter.

# Remove the memory card

**Important:** Do not remove the memory card during an operation when the card is being accessed. Doing so may damage the memory card and the device, and corrupt data stored on the card.

- 1 Open the cover of the memory card slot.
- 2 Press the memory card to release it from the slot.
- 3 Pull out the memory card.

4 Close the cover of the memory card slot. Ensure that the cover is properly closed.

### Headset



You can connect a compatible headset that has a 3.5 mm connector to your device.

You can use the audio connector of your device also as an audio input, if you use a Nokia headset that includes a microphone.

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

# 4. Connectivity

You can connect to other compatible devices using different connections types.

Activate connection methods Press fn + F10.

### WLAN connections

To use a wireless LAN (WLAN) connection, it must be available in the location, and your device must be connected to the WLAN. Some WLANs are protected, and you need a passcode from the service provider or WLAN owner to connect to them.

Features using wireless LAN increase the demand on battery power and reduce the battery life.

**Important:** Always enable one of the available encryption methods to increase the security of your wireless LAN connection. Using encryption reduces the risk of unauthorised access to your data.

A WLAN connection is established when you select an available WLAN (a wireless router or wireless access point) and enter the required passcode, if the network is protected. The active WLAN connection is closed when you close the data connection.

### Bluetooth connectivity Bluetooth connectivity

With Bluetooth connectivity, you can make a wireless connection to other compatible devices, such as mobile devices, computers, headsets, and car kits.

Since devices with Bluetooth wireless technology communicate using radio

waves, they do not need to be in direct line-of-sight. However, they must be within 10 metres (33 feet) of each other, although the connection may be subject to interference from obstructions such as walls or from other electronic devices.

This device is compliant with Bluetooth Specification 2.1 + EDR supporting the following profiles: advanced audio distribution, audio/video remote control, basic imaging, file transfer, dial-up networking, fax, generic access, generic object exchange, hard copy cable replacement, human interface device, object push, personal area networking, service discovery application, serial port, headset, and hands-free. To ensure interoperability between other devices supporting Bluetooth technology, use Nokia approved accessories for this model. Check with the manufacturers of other devices to determine their compatibility with this device.

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

When the device is locked, only connections to authorised devices are possible.

To protect your privacy, deactivate Bluetooth when not using it.

## Security tips

When you are not using Bluetooth connectivity, deactivate it. Press **fn** + **F10**, and select the Bluetooth icon.

If you have activated flight mode, Bluetooth connectivity is deactivated. Do not pair with or accept connection requests from an unknown device. This helps protect your device from harmful content. Operating the device in hidden mode is a safer way to avoid malicious software.

## Fast packet data

High-speed packet access (HSPA, also called 3.5G) is a network service in UMTS networks and provides high-speed data download and upload. When HSPA support in the device is activated and the device is connected to a UMTS network that supports HSPA, downloading and uploading data such as e-mail and browser pages through the cellular network may be faster.

For availability and subscription to data connection services, contact your service provider.

#### **USB data cable**

USB is compatible with devices such as a keyboard, mouse, camera, hard disk drive, printer, and scanner.

Some USB devices may require additional support software, which is usually included with the device. For more information about device-specific software, see the manufacturer's instructions.

# Connect devices using the USB data cable

Connect a compatible USB data cable to a USB port in the device and in your Nokia Booklet 3G.

To avoid corrupting data, do not remove the USB data cable when data is being transferred.

### **Activate connections**

In the connections dialog, you can view and select connections to use.

Select the connections dialog icon at the bottom right of the display. If no connections are available, to activate a connection method, press **fn + F10**.

# 5. Internet

## **Browse the internet**

With your device, you can access the internet. You can connect to the internet using an available wireless LAN (WLAN) or a 3G network, with a SIM card provided by your network service provider.

# Connect to the internet

- 1 Press **fn + F10** and select a connection method (3G or WLAN).
- 2 To view the available connections, select the connections dialog icon at the bottom of the display.
- 3 Select the connection to use.

If you select a secured WLAN, enter the passcode. If the WLAN you selected is hidden, enter the correct network name (service set identifier, SSID) and other necessary details.

**Note:** Only install and use applications and other software from trusted sources. Applications from untrusted sources may include malicious software that can access data stored in your device, cause financial harm, or damage your device.

# Web camera

Your device has a 1.3 MP camera and an integrated microphone.

# 6. Social hub

With Social hub, you can send and receive text messages, and access social utilities on the internet. You can also view in full screen pictures and videos within the application, as well as view web browser links that have been gathered automatically during the day.

# **Configure Social hub**

Press fn + F11, and follow the instructions.

# **Open Social hub later**

Select the gadget on the desktop or a taskbar icon. When Social hub is active, a taskbar icon can also be used to access it.

# **Modify Social hub settings**

Select **Settings**, and modify the desired settings.

# 7. Positioning (GPS)

## About GPS

Your device has an internal GPS receiver.

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

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

The GPS receiver draws its power from the device battery. Using the GPS receiver may discharge the battery more quickly.

## **About assisted GPS**

Your device supports A-GPS (network service). With A-GPS, your device receives useful satellite information from an assistance data server over the cellular network. With the help of assisted data, your device can obtain the GPS position faster. When you activate an application that utilises positioning information, to enable A-GPS you need to have a 3G network connection active.

Assisted GPS (A-GPS) is used to retrieve assistance data over a packet data connection, which assists in calculating your current location when your device is receiving signals from satellites.

Your device is preconfigured to use the Nokia A-GPS service, if no service providerspecific A-GPS settings are available. The assistance data is retrieved from the Nokia A-GPS service server only when needed.

### **View your location**

Your current location is displayed in the map gadget on the desktop.

## **View details**

Select the red spot.

# **Open Ovi Maps**

Select the Ovi Maps icon in the map gadget.

Your current location is displayed in Ovi Maps.

## **Ovi Maps**

With the Ovi Maps internet service, you can browse places from all over the world, plan trips, search for addresses and points of interest, and save them in your Ovi Maps account. You can also share your location with friends, and see where they currently are. In the current version of Ovi Maps, the turn-by-turn navigation feature is not available.

If the Maps 3.0 application is installed in your Nokia Booklet 3G, you can synchronise places, collections, and routes between Ovi Maps and your device. Ovi Maps is free of charge. However, data transfer costs may apply if you establish an internet connection to synchronise your Nokia Booklet 3G with Ovi Maps. For information about data transmission charges, contact your network service provider.

## Tips on creating a GPS connection

Initially your device must receive signals from at least four satellites to be able to calculate your location. When the initial calculation has been made, it may be possible to continue calculating your location with three satellites. However, the accuracy is generally better when more satellites are found.

Establishing a GPS connection may take from a couple of seconds to several minutes. Establishing a GPS connection in a vehicle may take longer.

If no satellite signal can be found, consider the following:

- If you are indoors, go outdoors to receive a better signal.
- If you are outdoors, move to a more open space.
- If the weather conditions are bad, the signal strength may be affected.
- Some vehicles have tinted (athermic) windows, which may block the satellite signals.

Ensure you do not cover the antenna with your hand.

# 8. Security and back up

## Protect your device

You can protect your device from unauthorised usage or malicious software by using passwords and keeping your antivirus application up to date.

**Important:** Your device can only support one antivirus application. Having more than one application with antivirus functionality could affect performance and operation or cause the device to stop functioning.

# Manage passwords

You are prompted to create a Windows password when you log in for the first time.

You can also create a password reset disk on a USB flash drive, so you can reset your password if you forget it. For instructions, select **Start > Help and Support** and enter **Create a password reset disk** in the search box.

Keep your password and your password reset flash drive secret and in a safe place, separate from your device.

# **Internet security**

Your device has an antivirus application pre-installed.

To continue using the pre-installed antivirus application after the trial, you need to purchase the licence from the internet security service provider.

# Manage the PIN code

To disable or enable the PIN code enquiry, or to change the PIN code, select the connections dialog icon at the bottom of the display. Right click the connection name, and open the Security tab. If you forget your PIN code, contact your network service provider.

## Back up data

You can use the Windows backup functions to back up data. It is recommended that you save the backup to an external hard drive. It is also recommended that you back up your data weekly, or, if your data is very important, even daily.

You can also create a whole system image, which will allow you to restore the operating system in case of corruption of system files.

# Restore the operating system using a system image

# Create a system image

Select **Start** > **Help and Support** and enter **Create a system image** in the search box. Follow the instructions.

## Restore a system image

Hold down the F8 key as your computer starts. You need to press F8 before the operating system logo appears. If the operating system logo appears, try again.

In the Advanced Boot Options screen, use the arrow keys to select **Advanced Boot Options > Repair your Computer**.

# 9. Wake up your device

# Wake your device from sleep mode if the lid is closed

Open the lid.

# Wake your device from sleep mode if the lid is open

Double-tap on either side of the touch pad.

# Wake your device from hibernation mode

Press and hold the power key approximately 3 seconds.

When hibernating, your device is in power save mode, which enables you to quickly access applications that you left open. It is recommended that you save the work in progress before setting your device to hibernate.

# 10. Maintain battery life

Many features in your device increase the demand on battery power and reduce the battery lifetime.

Features that use Bluetooth technology, or allowing such features to run in the background while using other features, increase the demand on battery power. Deactivate Bluetooth technology when you do not need it.

Features that use wireless LAN (WLAN), or allowing such features to run in the background while using other features, increase the demand on battery power. WLAN on your Nokia device deactivates when you are not trying to connect, not connected to an access point, or not scanning for available networks.

The brightness of the display affects the demand on battery power. To reduce the display brightness, press **fn+F7**. To increase the brightness, press **fn+F8**.

# Check the battery power status

To check the remaining battery power of your device, select the battery icon at the bottom right of the display, or press the power button.

# Purchase a new battery

Your device notifies you when you need to purchase a new battery. You can purchase a new battery only in a certified Nokia Store. To check the location of your nearest Nokia Store, see www.nokia.com.

# 11. Troubleshooting

To view frequently asked questions about your device, see the product support pages at www.nokia.com/support.

# Q: What is my password for the lock, PIN, or PUK codes?

A: The default lock code is 12345. If you forget the lock code, contact your device dealer. If you forget a PIN or PUK code, or if you have not received such a code, contact your network service provider.

For information about passwords, contact your access point provider, for example, a commercial internet service provider (ISP) or network service provider.

### Q: What should I do if I start my device for the first time and nothing appears on the display?

A: Make sure that the battery is inserted properly, the power cord is attached to the device, and the power is switched on. Try to restart the device. If this does not help, contact your device dealer.

# Q: Why does my device not respond when I press the power key?

A: The battery may be drained. Charge the battery. Make sure that you plugged the power adapter firmly into both the device and a power source.

# Q: How do I wake my device from sleep mode if the lid is closed?

A: Open the lid.

# Q: How do I wake my device from sleep mode if the lid is open?

A: Double-tap on either side of the touch pad.

# Q: How do I wake my device from hibernation mode?

A: Press and hold the power key for about 3 seconds.

If this does not help, the operating system may have stopped responding, and you cannot use your device. To switch off the device, press and hold the power key for at least 4 seconds. If the device still does not respond, remove and reinsert the battery, and press the power key to restart the device.

# Q: What should I do if the operating system stops working, or my device does not respond?

A: To switch off the device, press the power key for at least 4 seconds.

# Q: Why can't my device establish a GPS connection?

A: Establishing a GPS connection may take from a couple of seconds to several minutes. Establishing a GPS connection in a vehicle may take longer. If you are indoors, go outdoors to receive a better signal. If you are outdoors, move to a more open space. Ensure that your hand does not cover the GPS antenna of your device. If the weather conditions are bad, the signal strength may be affected. Some vehicles have tinted (athermic) windows, which may block the satellite signals.

# Q: Why can't I find my friend's device while using Bluetooth connectivity?

A: Check that both devices are compatible, have activated Bluetooth connectivity, and are not in hidden mode. Check also that the distance between the two devices is not over 10 metres (33 feet) and that there are no walls or other obstructions between the devices.

# Q: Why can't I end a Bluetooth connection?

A: If another device is connected to your device, you can end the connection from the other device or deactivate Bluetooth connectivity in your device. To deactivate Bluetooth connectivity, press **fn+F10**.

### Q: Why can't I see a wireless LAN (WLAN) access point even though I know I'm within its range?

A: The WLAN access point may use a hidden service set identifier (SSID). You can only access networks that use a hidden SSID if you know the correct SSID, and have created a WLAN internet access point for the network on your device.

## Q: How do I deactivate the wireless LAN (WLAN) on my device?

A: Press fn+F10, and select the WLAN icon.

# 12. Green tips



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

### Save energy

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

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

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

# Recycle

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

Recycle packaging and user guides at your local recycling scheme.

## Save paper

This user guide helps you get started with your device. By keeping the printed user guide short, we save tons of paper in printing and tons of gasoline for transportation, and we save trees and help keep the air clean. However, we don't forget about you. You can find the needed support in your device and online. For more detailed instructions and support, see www.nokia.com/support.

## Learn more

For more information on the environmental attributes of your device, see www.nokia.com/ecodeclaration.

#### About your device

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

Your device uses the network that is at that time available. This is called roaming. Roaming is based on specific roaming agreements between your network service provider and other network service providers to enable you to use network services outside your home network, for example when travelling abroad. For further information and roaming costs, contact your network service provider.

Your device supports several connectivity methods and may be exposed to viruses and other harmful content. Exercise caution with messages, connectivity requests, browsing, and downloads. Only install and use services and software from trustworthy sources that offer adequate security and protection. Consider installing antivirus and other security software on your device.

Your device can generate heat when switched on or when battery is charging. Prolonged contact with your body, for example on your lap, might cause discomfort on your body or skin, or potentially a burn.

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

#### Warning:

To use any features in this device, the device must be switched on. Do not switch the device on when wireless device use may cause interference or danger.

When using this device, obey all laws and respect local customs, privacy and legitimate rights of others, including copyrights. Copyright protection may prevent some images, music, and other content from being copied, modified, or transferred.

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

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

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

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

#### **Network services**

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

Your service provider may have requested that certain features be disabled or not activated in your device.

#### Accessories

#### Warning:

Use only batteries, chargers, and accessories approved by Nokia for use with this particular model. The use of any other types may invalidate any approval or warranty, and may be dangerous. In particular, use of unapproved chargers or batteries may present a risk of fire, explosion, leakage, or other hazard.

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

#### Battery

#### Battery and charger information

Your device is powered by a rechargeable battery. The battery intended for use with this device is BC-15. Nokia may make additional battery models available for this device. This device is intended for use when supplied with power from the following chargers: AC-200. The exact charger model number may vary depending on the type of plug. The plug variant is identified by one of the following: E, EB, X, AR, U, A, C, K, or UB.

The battery can be charged and discharged hundreds of times, but it will eventually wear out. When the standby time is 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.

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

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

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

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

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

Correct use. Use the battery only for its intended purpose. Improper battery use may result in a fire, explosion, or other hazard. If the device or battery is dropped, especially on a hard surface, and you believe the battery has been damaged, take it to a service centre for inspection before continuing to use it. Never use any charger or battery that is damaged. Keep your battery out of the reach of small children.

#### Taking care of your device

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

- Set up your device on a stable work surface.
- Do not restrict or block any ventilation slots or fans. Do not overheat the device.
- Keep the device dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that will corrode electronic circuits. If your device does get wet, remove the battery, and allow the device to dry completely before replacing it.
- Do not use or store the device in dusty, dirty areas. Its moving parts and electronic components can be damaged.
- Do not store the device in high or cold temperature. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics. When the device warms to its normal temperature from a cold temperature, moisture can form inside the device and damage electronic circuit boards.
- Carry your device properly when in the sleep or hibernation mode, or turned off. Use a carrying case that provides adequate protection.

- Do not attempt to replace any parts in the device yourself, such as WLAN card or display. Always contact the nearest authorised service facility for repair. Replacing parts yourself may cause warranty to expire.
- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and fine mechanics.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device. Only use a soft, clean, dry cloth to clean the surface and display of the device. When removing the battery, you may clean the exterior using a soft, clean, dry cloth. Switch off your device before removing the battery.
- Do not paint the device. Paint can clog the moving parts and prevent proper operation.
- Use only the supplied or an approved replacement antenna. Unauthorised antennas, modifications, or attachments could damage the device and may violate regulations governing radio devices.
- Use chargers indoors.
- If you suspect your device needs service or repair, switch off the device, disconnect the power plug, and remove the battery.

These suggestions apply equally to your device, battery, charger, or any accessory.

#### Recycle

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



The crossed-out wheeled-bin symbol on your product, battery, 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 in the European Union. Do not dispose of these products as unsorted municipal waste. For more environmental information, see the product Eco-Declarations at www.nokia.com/ environment.

#### Additional safety information Small children

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

#### **Operating environment**



Normal use position of the device

This device meets RF exposure guidelines when used in the illustrated normal use position, in direct contact with the body.

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

#### Medical devices

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

#### Implanted medical devices

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

- Always keep the wireless device more than 15.3 centimetres (6 inches) from the medical device.
- Switch the wireless device off if there is any reason to suspect that interference is taking place.
- Follow the manufacturer directions for the implanted medical device.

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

#### Hearing aids

Some digital wireless devices may interfere with some hearing aids.

#### Vehicles

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

Only qualified personnel should service the device or install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate your warranty. Check regularly that all wireless device equipment in your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories. Remember that air bags inflate with great force. Do not place your device or accessories in the air bag deployment area.

Switch off your device before boarding an aircraft. The use of wireless teledevices in an aircraft may be dangerous to the operation of the aircraft and may be illegal.

#### Potentially explosive environments

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

#### Certification information (SAR) This mobile device meets guidelines for exposure to radio waves.

Your device model can act as 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 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 ten 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. When used in the normal use position, that is in direct contact with the body (as illustrated above), this device meets the ICNIRP exposure guidelines.

#### MANUFACTURER'S LIMITED WARRANTY

**Note:** This Manufacturer's Limited Warranty ("MLW") does not affect your legal (statutory) rights under your applicable national laws relating to the sale of consumer products.

Nokia Corporation ("Nokia") provides this MLW with respect to the Nokia hardware product(s) included in the sales package ("Product") purchased by you.

Nokia warrants to you that during the warranty period, Nokia or a Nokia authorised service provider will in a commercially reasonable time and free of charge remedy hardware defects in materials, design, and workmanship by repairing your Product or, should Nokia in its discretion deem it necessary, replacing the Product in accordance with this MLW. This MLW is only valid and enforceable in the country where you have purchased the Product provided that Nokia has intended the Product for sale in that country. However, if you have purchased the Product in a member state of the European Union, Iceland, Norway, Switzerland, or Turkey, and Nokia originally intended the Product for sale in one of these countries, this MLW is valid and enforceable in all of these above listed countries. Some limitations to the warranty service may apply because of country specific elements in the Products.

#### Warranty period

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

a) twenty-four (24) months for the main computer unit and twelve (12) months for accessories (whether included in the main computer unit sales package or sold separately) other than the consumable parts and accessories listed in paragraph (b) below; and

b) six (6) months for the following consumable parts and accessories batteries, chargers, cables, adapters, and headsets.

Note that Nokia is not the creator or manufacturer of the software operating system and does not warrant to you that the software operating system will be error free or its use uninterrupted. For information on what you should do in the case of an error therein, consult the warranty offered by the creator and manufacturer of the software operating system.

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

#### How to get your warranty service

If you suspect that your Product is experiencing an issue which would require remedial action, go to www.nokia.com/ support, and follow the instructions on how to troubleshoot the suspected issue and how to proceed thereafter. Alternatively, you can call a Nokia call centre (national or premium rates may apply) for assistance. If you call a Nokia call centre or use other available support, make sure you have the following information readily available:

- Your name, address, telephone number, and other contact information from where you can be contacted;
- The Product type, name, model number, Product code, and serial number;
- Time and place of purchase, as well as the name of the retailer from whom the Product was originally purchased; and
- A short description of the issue affecting your Product.

Any claim under this Limited Warranty is subject to you notifying Nokia or a Nokia authorised service partner of the alleged issue within a reasonable time of it having come to your attention and in any event no later than before the expiry of the Warranty Period.

Follow all instructions given to you by the Nokia call centre agent, other Nokia service representative, or which you find on www.nokia.com/support. To provide you the best possible support, the call centre agent may need to assume remote control of your Product. This is a standard operating procedure and the call centre agent will advise you before he or she takes control of your Product. By calling the call centre, you expressly consent to the call centre agent taking remote control of your Product if this is necessary to provide you support.

#### What is not covered?

 This MLW does not cover user manuals or software (including updates and upgrades to software), settings, content, data or links, whether included or downloaded in the Product, whether included during installment, assembly, shipping or at any other time in the delivery chain or otherwise and in any way acquired by you. Nokia does not warrant that any software (including updates and upgrades to software) will meet your requirements, will work in combination with any hardware or software provided by a third party, that the operation of any software (including updates and upgrades to software) will be uninterrupted or error free or that any defects in the software (including updates and upgrades to software) are correctable or will be corrected.

2. This MLW does not cover a) normal wear and tear (including, without limitation, wear and tear of batteries, displays, or paint on the outer surface of the Product), b) defects caused by rough handling (including, without limitation, defects caused by sharp items, by bending, compressing, or dropping), or c) defects or damage caused by misuse of the Product, including use that is contrary to the instructions provided by Nokia (for example, as set out in the Product's user guide) and/or e) other acts beyond the reasonable control of Nokia.

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

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

5. This MLW does not cover reduced charging capacity of the battery, which is a result of the natural end of life process of batteries.

6. This MLW does not cover any loss or corruption of, or damage to, data or the recreation or transfer thereof even if such loss was a result of a defect in the Product.

 This MLW does not cover pixel defects in the Product display that are within the scope of industry standards. For more information on pixel defects and industry standards, go to www.nokia.com/support.

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

9. This MLW is not enforceable if the Product has been exposed to moisture, to dampness or to extreme thermal or environmental conditions or to rapid changes in such conditions, to corrosion, to oxidation, to spillage of food or liquid or to influence from chemical products.

10. This MLW does not include any onsite service or support.

11. This MLW does not cover alleged issues resulting from events of force majeure or other unforeseen events.

#### Other important notices

A third party, independent service provider provides the SIM card and cellular and/or other network or system on which the Product operates. Therefore, Nokia will not accept responsibility under this warranty for the operation, availability, coverage, services, or range of the cellular or other network or system. Before Nokia or Nokia authorised service partner can repair or replace the Product the service provider may need to unlock any SIM-lock or other lock that may have been added to lock the Product to a specific network or service provider. In such situations, please first contact your service provider and request it to unlock the Product.

Make sure you make back-up copies or keep written records of all important content and data stored in your Product. Nokia, in a manner consistent with the provisions of the section entitled "Limitation of Nokia's Liability" below, shall not under any circumstances be liable, either expressly or implicitly, for any damages or losses of any kind whatsoever resulting from loss of, damage to, or corruption of, content or data or the recreation thereof or transfer even if such a loss, damage, or corruption was a result of a defect in the Product. Please note that you should always back up your data stored in the Product before taking the Product in for service since, by default, service activities will erase the memory of the Product.

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

Your Product may contain country specific elements, including software. If the Product has been re-exported from its original destination country to another country, the Product may contain country specific elements that are not considered to be a defect under this Limited Warranty. Note that any repair of the Product, the replacement of any parts in the Product, or any other similar actions undertaken by any other party than an authorised Nokia service partner will, to the fullest extent permitted under applicable law, void this MLW and any of your rights set forth herein.

#### Limitation of Nokia's liability

This MLW is your sole and exclusive remedy against Nokia and Nokia's sole and exclusive liability with respect to defects in your Product. This Limited Warranty replaces all other Nokia warranties and liabilities, whether oral, written, (nonmandatory) statutory, contractual, in tort or otherwise, including, without limitation, and where permitted by applicable law, any implied conditions, warranties or other terms as to satisfactory quality or fitness for purpose. However, this Limited Warranty shall neither exclude nor limit 1) any of your legal (statutory) rights under the applicable national laws or ii) any of your rights against the seller of the Product.

To the extent permitted by applicable law, Nokia does not assume any liability for loss of or damage to or corruption of data or the recreation or transfer thereof, for any loss of profit, loss of use of Products or functionality, loss of business, loss of contracts, loss of revenues or loss of anticipated savings, increased costs or expenses or for any indirect loss or damage, consequential loss or damage or special loss or damage.

To the extent permitted by applicable law, Nokia's liability shall be limited to the purchase value of the Product. The above limitations shall not apply in case of gross negligence or intentional misconduct of Nokia or in case of death or personal injury resulting from Nokia's proven negligence.

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

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

Nokia Corporation

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FIN-02150 Espoo

Finland

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DECLARATION OF CONFORMITY

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Hereby, NOKIA CORPORATION declares that this RX-72product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the Declaration of Conformity can be found at http:// www.nokia.com/phones/declaration\_of\_conformity/.

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Some operations and features are SIM card and/or network dependent, MMS dependent, or dependent on the compatibility of devices and the content formats supported. Some services are subject to a separate charge.

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