## Nokia 111 User Guide

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## Keys and parts


$\begin{array}{ll}1 & \text { Selection keys } \\ 2 & \text { Earpiece } \\ 3 & \text { Screen } \\ 4 & \text { End/Power key }\end{array}$
5 Keypad
6 Microphone
7 Scroll key
8 Call key


9 Charger connector
10 Headset connector ( 3.5 mm )
11 Loudspeaker
12 Camera lens. Before using the camera, remove the protective tape from the lens.

## Insert a SIM card and battery



Switch the phone off, then remove the back cover.


If the battery is in the phone, lift it out.


Slide the SIM under the holder with the contact area face down. See $\Rightarrow 2$ in "Feature-specific instructions".


Line up the battery contacts, then push the battery in.


Slide the back cover down until it locks into place.


To switch on, press and hold $\overparen{\text { Co }}$ until the phone vibrates.


Tip: To remove the SIM, press the tongue down, then slide the SIM out.

Insert a memory card


Switch the phone off, then remove the back cover.


If the battery is in the phone, lift it out.


Slide the memory card holder towards the top of the phone.


Lift the holder.


Put a compatible memory card in with the contact area face down.


Lower the holder.


Slide the holder to its original position.


Line up the battery contacts, then push the battery in.


Slide the back cover down until it locks into place. See $\boldsymbol{G} 1$.

## Charge the battery



Plug the charger into a wall outlet.


Connect the charger to the phone. See $\Rightarrow 3,4$.


Battery full? Unplug from the phone, then from the wall outlet.

## Lock the keys



Lock the keys when not using your phone.


Select Menu, then press *.


To unlock, select Unlock, then press *.

## Attach a strap



Switch the phone off, then remove the back cover.


Loop the strap around the wrist strap peg.


Slide the back cover down until it locks into place.

## Explore your phone



To see the features and apps in your phone, press Menu.


To go back to the previous view, press Back.


To go back to the home screen, press ©(.


To go to an app or feature, press the scroll key up, down, left, or right.


To open the app or select the feature, press Select.

## Copy content from your old phone



Easily get your contacts, calendar, and other stuff to your new phone.


Switch Bluetooth on in both phones.


Select Menu > Settings.


Select Sync and backup > Phone switch.


Select Copy to this and what you want to copy, then select Done.



If asked, create a one-time passcode (such as 123), then select OK.


Check that the codes match on both phones.


Follow the instructions shown on both phones.

## Indicators on your phone

## - You have unread messages.

V - You have unsent, cancelled, or failed messages.

0 - The keys are locked.

-     - The phone doesn't ring when somebody calls or sends a message.

G/E- The phone is connected to a GPRS or EGPRS network.
( ( - A GPRS or EGPRS connection is open.

Th I The GPRS or EGPRS connection is on hold.
*-Bluetooth is on.

- All incoming calls are forwarded to another number.

T

- A headset is connected to the phone.


## Make or answer a call



Call your friend. See $\Rightarrow 14,16$.



Type in the phone number, then press $\curvearrowleft$.


To end the call, press ©(

## Call the last dialled

## number



On the home screen, press $\curvearrowleft$.


Select the number, then press $\curvearrowleft$.

View your missed calls


On the home screen, select View. See 5.


To call back, select the number, then press $\curvearrowleft$.


Tip: To view missed calls later, select Menu > Log > Missed calls.

## Change the volume



Is the volume too loud during a call or when listening to the radio?


Scroll up or down.


Better.

Save a name and phone number


Add new contacts to your phone.


Select Menu > Contacts.

| ? | Names | 2 |
| :---: | :---: | :---: |
|  | Add new |  |
|  | Synchronise all | (4) |
|  | Select | Badk |

Select Add new.


Type in the phone number, then select OK.


Write the first and last name, then select Save.

To edit details, select Names and a contact.

6.


To search for a contact, start writing the contact's name in the search box.


Select Options > Contact details.

## Make calls quickly



Call someone often? Set their number as a speed dial.


Select Menu > Contacts.


Select More > Speed dials and a free slot, then select Assign.


Select Search and a contact.


To call, press and hold a number key on the home screen.


Tip: To change a speed dial, select Options > Change.

## Send a message



Keep in touch with people through messages. See $\leftrightarrows 7$.


Select Menu > Messaging.


Select Create message.


Write your message.


Tip: To add an attachment, select Options > Insert object. See $\Rightarrow 8$, 9.


To add a recipient, select Send to > Contacts.

## Write text



Select Send. See $\Rightarrow 10,9$.

Press a key repeatedly until the letter is shown.

To type in a punctuation mark, press 1 repeatedly.

To type in a special character, press *, then select the character.

To switch between character cases, press \#.

To use number mode, press and hold \#, then select Number mode. To go back to letter mode, press and hold \#.

If you want to quickly type in a single number, just press and hold the number key.

To switch predictive text on or off, select Options > Prediction > Prediction on or Prediction off. Not all languages are supported.

To change the writing language, select Options > Writing language.

## Check your voicemail



When you can't answer, you can forward calls to your voicemail.


Select Menu > Messaging.


Select More > Voice messages > Listen to voice messages.


When setting up voicemail, type in your voice mailbox number.


Tip: To quickly call your voicemail, press and hold 1 on the home screen.

## Personalise your home screen



You can change the wallpaper, and rearrange items on the home screen.


Select Menu > Settings.


Select Display, scroll to Wallpaper, then scroll to a folder.


Select OK to open the folder, then select a photo.

Tip: You can also take a photo on your phone camera, and use that.


## Add shortcuts to your home screen



Add shortcuts to your favourite apps to your home screen.


Select Options > Personalise.


Select a bar, then select an item, such as a widget.


Select Done > Yes.

## Change your ringtone



Set a different ringtone for each profile.


Select Menu > Settings.


Select Tones, then scroll to Ringtone:.


Scroll to Open Gall., then select Select.


Select Tones > Ringtones and a ringtone.


Tip: To switch between the silent and normal profile, press and hold \#.

## Set an alarm



Use your phone as an alarm clock.


Select Menu > Applications > Alarm clock.


Set the alarm time, then select Save.

## Add an appointment



Need to remember an appointment? Add it to your calendar.

Select Menu > Applications > Calendar.


Select a date and View > Add.



Select Meeting, fill in the fields, then select Save.

## Listen to the radio



Listen to your favourite radio stations on your phone.


Connect a compatible headset. It acts as an antenna.


Select Menu > Music.


Select Radio.


To change the volume, scroll up or down.


To close the radio, press $\boldsymbol{( 6 )}$.

## Find and save radio stations



Search for your favourite radio stations


Select Menu > Music.


Select Radio.


Switch off
Play in backgr.
Stations
Search stations
Set frequency
Select
To search for all available stations, select Options > Search stations.


To save a station, select Options > Save station.


To switch to a saved station, scroll left or right.


Tip: To switch to a saved station, you can also press a number key.


Tip: To rename a station, select the station and Options > Rename.

## Play a song



Listen to your favourite music on your phone.


Select Menu > Music.


Select My music.


Select the song you want to play.

To pause or resume playing, press the scroll key.


To close the music player, press (6).

## Take a photo



There's a camera in your phone - just aim and snap!


To open the camera, select Menu > Photos > Camera.


To zoom in or out, scroll up or down.


Select Capture.
The photos are saved in My photos.

## Record a video



Besides taking photos, you can also record videos with your phone.


To open the camera, select Menu > Photos > Video camera.


To start recording, select Record.


To zoom in or out, scroll up or down.


To stop recording, press Stop. Videos are saved in My videos.

## Browse the web



Catch up on the news, and visit your favourite websites.


Select Menu > Internet.


To go to a website, write the web address in the address bar.


Tip: On the History tab, you can select Options > Clear history.

## Add a bookmark



If you visit the same websites often, add them as bookmarks.


## Set up your mail account



Want to use mail, but don't have a computer? You can use your phone.


Select Menu > Messaging > Mail.


Select Mail and a mail service, then follow the instructions.

## Send a mail



You can read and send mail while on the move.


Select Menu > Mail.


Select a mail account.


In the mailbox, select Options > Compose New.


To add a recipient, select Insert, or manually write the address.


Write the subject and your message.


Tip: To attach a file, select Options > Attach file.


Select Send.


Tip: To reply to a mail, open the mail, then select Options > Reply.

## Chat with your friends



You can chat with your friends online while on the move.


Select Menu > Chat.


Select a service, then sign in.


Tip: If you don't have a chat account, you can sign in to Nokia Chat.


Select Options > Send IM to....


Type in the username.


Write your message in the text box, then select Send. See $\Rightarrow 6$.


When you want to continue a conversation, select the thread.


Tip: To see a message when Chat is open in the background, select View.

## Send a photo using Bluetooth



Send a photo you have taken to your PC. See $\Rightarrow 11$.


Select the photo and Opt. > Send.


Select Via Bluetooth.


Select the device to connect to. If asked, type in the passcode.


The photo is sent to your PC.

## Lock your phone



Set your phone to automatically lock itself when you're not using it.


Select Menu > Settings.


Select Device, then switch Security keyguard on.


Type in the security code.


To unlock, select Unlock, press *, then type in the security code.

## Change the security code



Create your own security code, so only you know how to unlock your phone.


Select Menu > Settings.


Select Security > Access codes.


Select Change security code.


Type in the preset security code 12345.


Type in a new code, using at least 5 numbers.

## Restore original settings



If your phone is not working properly, reset the settings.


End all calls and connections.


Select Menu > Settings.


Select Restore factory sett. > Restore sett. only.


Type in the security code, then select OK.


Your phone switches off and on again. This may take longer than usual. See 12.

## Support



When you want to learn more about how to use your phone, or if you're unsure how your phone should work, read the user guide thoroughly.

If you have an issue, do the following:

- Reboot your phone. Switch the phone off, then remove the battery. After about a minute, put the battery back in, then switch the phone on again.
- Update your phone software
- Restore the original factory settings

If your issue remains unsolved, contact Nokia for repair options. Before sending your phone for repair, always back up your data, as all personal data in your phone may be deleted.

For additional product support information, see the warranty and

## Update phone software using your phone

reference leaflet included with your Nokia device.


You can update your phone software wirelessly. You can also set your phone to automatically check for updates.

Select Menu > Settings and Device > Device updates. 1. To check if there is an update, select Current software details.
2. To download and install an update, select Download device software, then follow the instructions shown on the phone.

The update may take several minutes. If you encounter problems, contact your network service provider.

Check for updates automatically
Select Automatic SW update check, then set how often to check.

## Back up content to a memory card

Your network service provider may send updates over the air directly to your phone. For more info on this network service, contact your network service provider.


Want to make sure you won't lose any important files? You can back up your phone memory to a compatible memory card.

## Select Menu > Settings > Sync and backup.

1. Select Create backup.
2. Select what you want to back up, then select Done.

## Restore a backup

Select Restore from backup.

## Access codes

| PIN or PIN2 code | These protect your SIM against unauthorised use or are <br> required to access some features. <br> You can set your phone to ask for the PIN code when you <br> switch it on. <br> If not supplied with your card or you forget the codes, <br> contact your service provider. <br> If you type in the code incorrectly three times in a row, <br> you need to unblock the code with the PUK or PUK2 code. |
| :--- | :--- |
| PUK or PUK2 code | These are required to unblock a PIN or PIN2 code. <br> If not supplied with your SIM, contact your service <br> provider. <br> See digits) |
| IMEI number | This is used to identify valid phones in the network. The <br> number can also be used to block, for example, stolen <br> phones. You may also need to give the number to Nokia <br> Care services. <br> (15 digits) |
| To view your IMEI number, dial *\#06\#. |  |
| (min. 5 digits) | This helps you protect your phone against unauthorised <br> use. <br> You can set your phone to ask for the lock code that you <br> define. The default lock code is 12345. |
| - ------------------- |  |


|  | Keep the code secret and in a safe place, separate from <br> your phone. <br> If you forget the code and your phone is locked, your <br> phone will require service. Additional charges may apply, <br> and all the personal data in your phone may be deleted. <br> For more information, contact Nokia Care or your phone <br> dealer. |
| :--- | :--- |

$\Rightarrow 18$ 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 (8 digits) is required to change a blocked PIN2 code. These codes are not supplied with the SIM card. Contact your local service provider for the codes.

## General information

Read these simple guidelines. Not following them may be dangerous or illegal. For further information, read the complete user guide.
 SWITCH OFF IN RESTRICTED AREAS Switch the device off when mobile phone use is not allowed or when it may cause interference or danger, for example, in aircraft, in hospitals or near medical equipment, fuel, chemicals, or blasting areas. Obey all instructions in restricted areas.


## 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.


## QUALIFIED SERVICE

Only qualified personnel may install or repair this product.


BATTERIES, CHARGERS, AND OTHER ACCESSORIES
Use only batteries, chargers, and other accessories approved by Nokia for use with this device. Do not connect incompatible products.

## KEEP YOUR DEVICE DRY

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

A

## PROTECT YOUR HEARING

Listen to a headset at a moderate level, and do not hold the device near your ear when the loudspeaker is in use.

## Product and safety information

## Feature-specific instructions

Avoid touching the antenna area while the antenna is in use. Contact with antennas affects the communication quality and may reduce battery life due to higher power level during operation.

1 Use only compatible memory cards approved by Nokia for use with this device. Incompatible cards may damage the card and the device and corrupt data stored on the card.

2 Important: This device is designed to be used with a standard SIM card (see figure) only. Use of incompatible SIM cards may damage the card or the device, and may corrupt data stored on the card. Please consult your mobile operator for the use of a SIM card that has a mini-UICC cutout.


3 If the battery has not been used for a long time, to begin charging, you may need to connect the charger, then disconnect and reconnect it.

4 If the battery is completely discharged, it may take several minutes before the charging indicator is displayed or before any calls can be made.

5 Missed and received calls are logged only if supported by the network, and the phone is switched on and within the network service area.

6 Using services or downloading content may cause transfer of large amounts of data, which may result in data traffic costs.

7 You can send text messages that are longer than the character limit for a single message. Longer messages are sent as two or more messages. Your service provider may charge accordingly.

Characters with accents, other marks, or some language options, take more space, limiting the number of characters that can be sent in a single message.

8 If the item you insert in a multimedia message is too large for the network, the device may automatically reduce the size.

9 Only compatible devices can receive and display multimedia messages. Messages may look different in different devices.

10 Sending a message with an attachment may be more expensive than
sending a normal text message. For more information, contact your service provider.

11 Operating the device in hidden mode is a safer way to avoid malicious software. Do not accept Bluetooth connection requests from sources you do not trust. You can also deactivate Bluetooth function when you are not using it.

12 Restoring settings does not affect documents or files stored on your phone.

13 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 (8 digits) is required to change a blocked PIN2 code. These codes are not supplied with the SIM card. Contact your local service provider for the codes.

14 To enter the + character, used for international calls, select * twice.

This may not be possible in all regions. In this case, enter the international access code directly.
$\Rightarrow 15$ : Warning: When the flight profile is activated, you cannot make or receive any calls, including emergency calls, or use other features that require network coverage. To make a call, activate another profile.

16 The + character may not work in all regions. In this case, enter the international access code directly.

## Network services and costs

Your device is approved for use on the (E)GSM 900 and 1800 MHz networks. To use the device, you need a subscription with a service provider.

Using network services and downloading content to your device requires a network connection and may result in data traffic costs. Some product features require support from the network, and you may need to subscribe to them.

## Take care of your device

Handle your device, battery, charger and accessories with care. The following suggestions help you protect your warranty coverage.

- Keep the device dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that corrode electronic circuits. If your device gets wet, remove the battery, and allow the device to dry.
- Do not use or store the device in dusty or dirty areas. Moving parts and electronic components can be damaged.
- Do not store the device in high temperatures. High temperatures can shorten the life of the device, damage the battery, and warp or melt plastics.
- Do not store the device in cold temperatures. When the device warms to its normal temperature, moisture can form
inside the device and damage electronic circuits.
- Do not attempt to open the device other than as instructed in the user guide.
- Unauthorised modifications may damage the device and violate regulations governing radio devices.
- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and mechanics.
- Only use a soft, clean, dry cloth to clean the surface of the device.
- Do not paint the device. Paint can clog moving parts and prevent proper operation.
- Switch off the device and remove the battery from time to time for optimum performance.
- Keep your device away from magnets or magnetic fields.
- To keep your important data safe, store it in at least two separate places, such as your device, memory card, or computer, or write down important information.


## 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 how to recycle your Nokia products at www.nokia.com/recycling.

## About Digital Rights Management

 When using this device, obey all laws and respect local customs, privacy and legitimate rights of others, including copyrights. Copyright protection may prevent you fromcopying, modifying, or transferring pictures, music, and other content.

Content owners may use different types of digital rights management (DRM) technologies to protect their intellectual property, including copyrights. This device uses various types of DRM software to access DRM-protected content. With this device you can access content protected with WMDRM 10 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 DRMprotected content be revoked. Revocation may also prevent renewal of such DRMprotected 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-DRMprotected content.

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

Other transfer methods may not transfer the licences 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 licences if the files on your device become corrupted.

## Batteries and chargers

Battery and charger information Your device is intended for use with a BL-5CB rechargeable battery. Nokia may make additional battery models available for this device. Always use original Nokia batteries.

This device is intended for use when supplied with power from the following chargers: AC-11. The exact Nokia charger model number may vary depending on the plug type, identified by $\mathrm{E}, \mathrm{X}, \mathrm{AR}, \mathrm{U}, \mathrm{A}, \mathrm{C}, \mathrm{K}, \mathrm{B}$, or N .

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.

## Battery safety

Always switch the device off and disconnect the charger before removing the battery. When you unplug a charger or an accessory, hold and pull the plug, not the cord.

When your charger is not in use, unplug it from the electrical plug and the device. Do not leave a fully charged battery connected to a charger, as overcharging may shorten the battery's lifetime. If left unused, a fully charged battery will lose its charge over time.

Always keep the battery between $15^{\circ} \mathrm{C}$ and $25^{\circ} \mathrm{C}\left(59^{\circ} \mathrm{F}\right.$ and $\left.77^{\circ} \mathrm{F}\right)$. Extreme temperatures reduce the capacity and lifetime of the battery. A device with a hot or cold battery may not work temporarily.

Accidental short-circuiting can happen when a metallic object touches the metal strips on the battery, for example, if you carry a spare battery in your pocket. Short-circuiting may damage the battery or the connecting object.

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

Do not dismantle, cut, open, crush, bend, puncture, or shred cells or batteries. If a battery leaks, do not let battery liquid touch skin or eyes. If this happens, immediately flush the affected areas 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. Batteries may explode if damaged.

Use the battery and charger for their intended purposes only. Improper use, or use of unapproved batteries or incompatible chargers may present a risk of fire, explosion, or other hazard, and may invalidate any approval or warranty. If you believe the battery or charger is damaged, take it to a service centre for inspection before continuing to use it. Never use a damaged battery or charger. Only use the charger indoors.

## Additional safety information <br> Make an emergency call

1. Make sure the device is switched on.
2. Check for adequate signal strength. You may also need to do the following:

- Insert a SIM card.
- Deactivate call restrictions you have activated for your device, such as call barring, fixed dialling, or closed user group.
- Make sure the flight profile is not activated.

3. Press the end key repeatedly, until the home screen is displayed.
4. Enter the official emergency number for your present location. Emergency call numbers vary by location.
5. Press the call key.
6. Give the necessary information as accurately as possible. Do not end the call until given permission to do so.

0Important: Activate both cellular and internet calls, if your device supports internet calls. The device may attempt to make emergency calls both through cellular networks and through your internet call service provider. Connections in all conditions cannot be guaranteed. Never rely solely on any wireless device for essential communications like medical emergencies.

## Small children

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

## Medical devices

Operation of radio transmitting equipment, including wireless phones, may interfere with the function of inadequately protected medical devices. Consult a physician or the
manufacturer of the medical device to determine whether they are adequately shielded from external radio frequency energy.

## Implanted medical devices

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

- Always keep the wireless device more than 15.3 centimetres ( 6 inches) from the medical device.
- Not carry the wireless device in a breast pocket.
- Hold the wireless device to the ear opposite the medical device.
- Turn the wireless device off if there is any reason to suspect that interference is taking place.
- Follow the manufacturer directions for the implanted medical device.

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

## Accessibility solutions

Nokia is committed to making mobile phones easy to use for all individuals, including those with disabilities. For more information, visit the Nokia website at www.nokiaaccessibility.com.

## Hearing

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

Some wireless devices may interfere with some hearing aids.

## Operating environment

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

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

## Vehicles

Radio 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 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.

## Potentially explosive environments

 Switch off your device in any area with a potentially explosive atmosphere, for example near gas pumps at service stations. Sparks in such areas could cause an explosion or fire resulting in bodily injury or death. Observe restrictions in fuel service stations, 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 mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organisation ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

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

The highest SAR value under the ICNIRP guidelines for use of the device at the ear is $0.78 \mathrm{~W} / \mathrm{kg}$.

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

Your mobile device is also designed to meet the requirements for exposure to radio waves established by the Federal
Communications Commission (USA) and Industry Canada. These requirements set a SAR limit of $1.6 \mathrm{~W} / \mathrm{kg}$ averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use at the ear is $1.10 \mathrm{~W} / \mathrm{kg}$ and when properly worn on the body is 0.64 W/kg.
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