

# Quick guide

Nokia xx

## For your safety

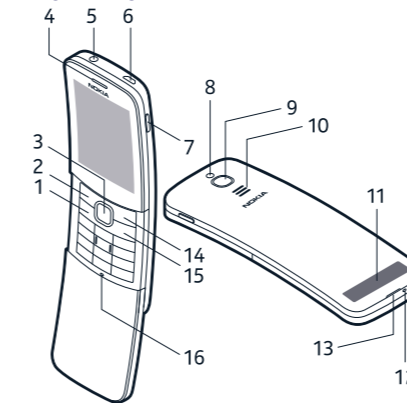
Read these simple guidelines. Not following them may be dangerous or against local laws and regulations. For further information, read the complete user guide.

- 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 when 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 HMD Global for use with this device. Do not connect incompatible products.
- KEEP YOUR DEVICE DRY**  
Your device is not water-resistant. Keep it dry.
- GLASS PARTS**  
The device screen 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.

**PROTECT YOUR HEARING**  
To prevent possible hearing damage, do not listen at high volume levels for long periods. Exercise caution when holding your device near your ear while the loudspeaker is in use.

**SAR**  
This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 10 mm away from the body. The specific maximum SAR values can be found in the Certification Information (SAR) section of this user guide. For more info, go to [www.sar-tick.com](http://www.sar-tick.com). When a carry case, belt clip or other form of device holder is used for body-worn operation, it should not contain metal and should provide at least the above-stated separation distance from the body. Note that mobile devices may be transmitting even if you are not making a voice call.

## Keys and parts



- 1 Call key
- 2 Left selection key
- 3 Scroll key
- 4 Earpiece
- 5 Headset connector
- 6 USB connector
- 7 Power key
- 8 Flash
- 9 Camera
- 10 Loudspeaker
- 11 Antenna area
- 12 Microphone
- 13 Back cover opening slot
- 14 Right selection key

- 15 End/Back key
- 16 Microphone

To lock the keys and screen, close the slider.  
To unlock the keys, open the slider and press and hold \*.

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.

Do not connect to products that create an output signal, as this may damage the device. Do not connect any voltage source to the audio connector. If you connect an external device or headset, other than those approved for use with this device, to the audio connector, pay special attention to volume levels.

Parts of the device are magnetic. Metallic materials may be attracted to the device. Do not place credit cards or other magnetic stripe cards near the device for extended periods of time, since the cards may be damaged.

Some of the accessories mentioned in this user guide, such as charger, headset, or data cable, may be sold separately.

**Note:** You can set the phone to ask for a security code. Press the scroll key and select **Settings**. Scroll right to **Privacy & Security**, and select **Screen Lock > Screen Lock > On**, and create a four-digit code. Note, however, that you need to remember the code you created, as HMD Global is not able to open or bypass it.

5. Select **Send**. If asked, select which SIM to use. 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, and limit the number of characters that can be sent in a single message.

### Camera

1. To switch the camera on, press the scroll key to open the apps list, and select **Camera**.
  2. To take a photo, press the scroll key.
- 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 photo.

### Listen to radio

To listen to the radio, you need to connect a compatible headset to the phone. The headset acts as an antenna.

### Search for radio stations and listen to radio

Press the scroll key to open the apps list and select **FM Radio**. To search for available stations, scroll left or right. To save a station, select **Options > Add to favourites**. To switch to a saved station, select it from the list. To change the volume, select **Options > Volume**, and scroll up or down. To turn off the radio, select **Pause**.

### Listen to music

You can listen to your MP3 music files with the music player. To play music, you need to store the music files on a memory card or the phone memory.

1. Press the scroll key to open the apps list and select **Music**.

2. Scroll right to **Songs** to see all your saved music. To listen to a song, select it. You can also select music from **Albums** or **Artists**.

### After-sales support

If you need assistance after purchasing your phone, or if you have queries on the warranty that applies to your phone, you may contact the distributor or the store where you bought your phone. Keep your receipt as proof of purchase for warranty purposes.

### Find your model number and serial number (IMEI)

If you need to contact your care point or your service provider, you may need info such as the model number and the serial number (IMEI). To see the model number, dial \*#0000#. To see the serial number, dial \*#06#. If you have a dual-SIM phone, only IMEI1 is needed. You can also find the info on your phone label, which is located under the battery. The IMEI is also visible on the original sales box.

### Product and safety info

For info on HMD Global Privacy Policy, go to [www.nokia.com/en\\_intl/phones/privacy](http://www.nokia.com/en_intl/phones/privacy). For the online user guide, even more info, and troubleshooting help, go to [www.nokia.com/mobile-support](http://www.nokia.com/mobile-support).

### Network services and costs

You can use your device on the GSM 900/1800, WCDMA 1, 5, 8, and LTE B1, 3, 5, 7, 8, 20 networks. You need a subscription with a service provider.

## Insert the SIM, memory card and battery

To use the phone, you need a micro-SIM card. If you have a dual-SIM phone, you need a micro-SIM card and a nano-SIM card. Use only original micro and nano-SIM cards. Use of incompatible SIM cards may damage the card or the device, and may corrupt data stored on the card.

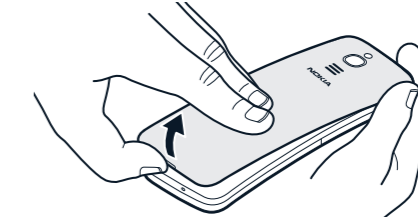


Use only compatible memory cards approved for use with this device. Incompatible cards may damage the card and the device and corrupt data stored on the card.



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

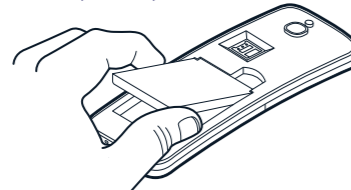
1. Remove the back cover.



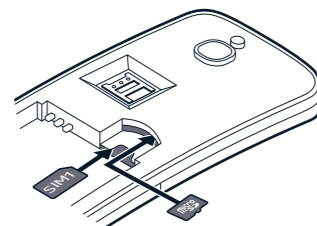
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2. If the battery is in the phone, lift it out.

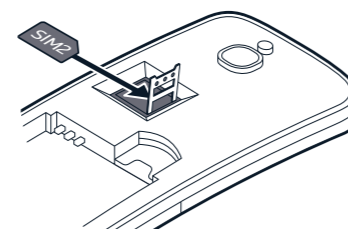


3. Slide the micro-SIM in the SIM1 slot. If you have a memory card, slide it in the memory card slot.



4. If you have a dual-SIM phone, slide the SIM2 holder to the right and open it up. Place the nano-SIM in the SIM2 slot face down, close down the holder and slide it to the left to lock it in place. Both SIM cards are available at the same time when the device is not being

used, but while one SIM card is active, for example, making a call, the other may be unavailable.



5. Put back the battery.  
6. Put back the cover.

**Note:** On dual SIM capable devices, both SIM1 and SIM2 slots support 4G networks. However, if your SIM1 and SIM2 are both LTE SIM cards, the primary SIM supports 4G/3G/2G networks, while the secondary SIM can only support 3G/2G. For more information on your SIM cards, contact your service provider.

### Remove the memory card

Open the back cover, remove the battery, and slide the card out.

**Important:** Do not remove the memory card when an app is using it. Doing so may damage the memory card and the device and corrupt data stored on the card.

### Remove SIM 1

Open the back cover, remove the battery, and slide the SIM card out.

### Remove SIM 2

Open the back cover, remove the battery, slide the SIM2 holder to the right and open it up. Remove the nano-SIM,

close down the holder and slide it to the left to lock it in place.

### Switch your phone on or off

Press and hold the power key.  
To switch your phone off, press and hold the power key until **Power Off** is shown. Then press the power key again.

### Charge the battery

1. Plug the charger into the wall outlet.
  2. Connect the charger to the phone. When done, unplug the charger from the phone then from the wall outlet.
- If the battery is completely discharged, it may take several minutes before the charging indicator is displayed.

### Set which SIM card to use

Press the scroll key and select **Settings > SIM Manager**. To choose which SIM to use for calls, select **Outgoing Calls** and the SIM you want to use.

### Make a call

1. Type in the phone number.

To type in the + character used for international calls, press and hold \*.

2. Press **Call**. If asked, select which SIM to use.
3. To end the call, press **End call**.

### Answer a call

Press **Call**.

### Send and receive messages

1. Press the scroll key to open the apps list.
2. Select **Messages > New Message**.
3. In the **To** field, type in a phone number or the name of a contact in your contacts list.
4. Write your message.

### Maximum transmit power

GSM 900	32.5 dBm
DCS 1800	30 dBm
WCDMA FDD I	24 dBm
WCDMA FDD V	24 dBm
WCDMA FDD VIII	24 dBm
LTE Band B1	23 dBm
LTE Band 3	23 dBm
LTE Band 5	23 dBm
LTE Band 7	23 dBm
LTE Band 8	23 dBm
LTE Band 20	23 dBm
Bluetooth	10 dBm
WLAN 2.4 G	18 dBm

Using some features and services, or downloading content, including free items, require a network connection. This may cause the transfer of large amounts of data, which may result in data costs. You may also need to subscribe to some features.

### Emergency calls

**Important:** Connections in all conditions cannot be guaranteed. Never rely solely on any wireless phone for essential communications like medical emergencies.

Before making the call:

- Switch the phone on
  - If the phone keys are locked, unlock them.
  - Move to a place with adequate signal strength.
1. Press the end key repeatedly, until the home screen is shown.
  2. Type in the official emergency number for your present location. Emergency call numbers vary by location.
  3. Press the call key.
  4. Give the necessary info as accurately as possible. Do not end the call until given permission to do so.

You may also need to do the following:

- Put a SIM card in the phone.
- If your phone asks for a PIN code, type in the official emergency number for your present location, and press the call key.

- Switch the call restrictions off in your phone, such as call barring, fixed dialing, or closed user group.

#### Take care of your device

- Handle your device, battery, charger and accessories with care. The following suggestions help you keep your device operational.
- 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 let the device dry.
  - Do not use or store the device in dusty or dirty areas.
  - Do not store the device in high temperatures. High temperatures may damage the device or battery.
  - Do not store the device in cold temperatures. When the device warms to its normal temperature, moisture can form inside the device and damage it.
  - Do not open the device other than as instructed in the user guide.
  - Unauthorized modifications may damage the device and violate regulations governing radio devices.
  - Do not drop, knock, or shake the device or the battery. Rough handling can break it.
  - Only use a soft, clean, dry cloth to clean the surface of the device.
  - Do not paint the device. Paint can prevent proper operation.
  - For optimal performance, switch the device off and remove the battery from time to time.
  - Keep the 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 info.

#### Restore original settings

To reset your phone to its original settings and to remove all your data, on the home screen, type in #\*7370#.

#### 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. Electrical and electronic products contain a lot of valuable materials, including metals (such as copper, aluminum, steel, and magnesium) and precious metals (such as gold, silver, and palladium). All materials of the device can be recovered as materials and energy.

- Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help.
- Manufacturer and/or importer in EU: HMD Global Oy, Karaportti 2, 02610 Espoo, Finland.  
HMD Global Privacy Policy, available at <http://www.nokia.com/phones/privacy>, applies to your use of the device.  
©2018 HMD Global. All rights reserved. HMD Global Oy is the exclusive licensee of the Nokia brand for phones & tablets. Nokia is a registered trademark of Nokia Corporation.  
The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by HMD Global is under license.  
This product includes open source software. For applicable copyright and other notices, permissions, and acknowledgements, select #\*6774# [check xx] on the home screen.  
All other trademarks are the property of their respective owners.

#### Manufacturer's limited warranty

##### 1. General

HMD Global Oy (hereinafter "Manufacturer") provides this Manufacturer's Limited Warranty ("Warranty") for the genuine Product (the "Product"), which Manufacturer has released for sale in the European Union, Iceland, Norway, and Switzerland ("Covered Country"). This Warranty is valid only in the Covered Country, where the Product was purchased through Manufacturer's authorized sales channels, provided that the Product was intended for sale in that Covered Country. This Warranty covers and includes any statutory rights under any mandatory consumer protection laws of the Covered Country applicable to you, and also grants you specific, and as the case may be, additional rights, within the limits of what is permissible under such law. This Warranty does not limit the rights you may have under applicable consumer protection laws. You may have other rights based on local laws during or after the Warranty period. These rights are not excluded by this Warranty. The Product and its accessories shall be used in accordance with the instructions provided in the user guides and leaflets that come in the Product package and are also available at [www.nokia.com/mobile-support](http://www.nokia.com/mobile-support).

#### Crossed-out wheelee-bin symbol



The crossed-out wheelee-bin symbol on your product, battery, literature, or packaging reminds you that all electrical and electronic products and batteries must be taken to separate collection at the end of their working life. Do not dispose of these products as unsorted municipal waste: take them for recycling. For info on your nearest recycling point, check with your local waste authority.

#### Battery and charger info

Use your device only with an original BV-6A rechargeable battery. Charge your device with AC-18 charger. Charger plug type may vary. HMD Global may make additional battery or charger models available for this device.

#### Battery and charger safety

Always switch the device off and unplug the charger before removing the battery. To unplug a charger or an accessory, hold and pull the plug, not the cord. When your charger is not in use, unplug it. If left unused, a fully charged battery will lose its charge over time. Always keep the battery between 15°C and 25°C (59°F and 77°F) for optimal performance. 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. This may damage the battery or the other object. Do not dispose of batteries in a fire as they may explode. Obey local regulations. Recycle when possible. Do not dispose as household waste. Do not dismantle, cut, crush, bend, puncture, or otherwise damage the battery in any way. If a battery leaks, do not let liquid touch skin or eyes. If this happens, immediately flush the affected areas with water, or seek medical help. Do not modify, 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 or incompatible batteries or chargers may present a risk of fire, explosion, or other hazard, and

#### 2. Warranty

The Warranty period starts on the date the Product is sold to an end user the first time, as evidenced by the original proof of purchase. Manufacturer warrants that the Product is free from defects in materials and workmanship ("Defect") for:

- Twenty-Four (24) months for the main device, and
- Six (6) months for the battery, charger, headset and any other accessory included in the sales package of the main device, unless the law requires that the Manufacturer offers a longer period, in which case the warranty period is extended to cover the minimum period required by the law.

To know more about your country specific Warranty, please visit [www.nokia.com/mobile-support](http://www.nokia.com/mobile-support). During the Warranty period, any Defect covered by this Warranty will be remedied within a reasonable time, free of charge, through the replacement of the Product or accessory affected by the Defect. During the Warranty period, in case you suspect that your Product or any accessory has a Defect, please take it back to the point of sale where the Product has been purchased. The seller will perform a preliminary analysis on the Product or accessory and if found to be defective, the Product or accessory will be replaced. When replacing your Product, Manufacturer may use new or re-conditioned parts or Product except where the use of such re-conditioned parts or Product is barred by local law. In case local law should require the end user to be informed about the use of re-conditioned parts or Product, this Warranty document can be considered as the necessary notice in that regard. In case local law requires consent from the end user for the use of re-conditioned parts or Product, then such parts or Product will not be used till such consent has been obtained. When making a Warranty claim, you must present:

- The Product or accessory that has allegedly presented a Defect; and
- The legible and original proof of purchase, clearly indicating the name and the address of the seller, the place and date of purchase, the Product type and the serial number.

To the fullest extent permitted by applicable law:

- No replacement will renew or extend the Warranty period unless such renewal or extension is mandated by local law, in which case the Warranty period is extended by the minimum time required by law; and
- For countries where such renewal or extension is not mandated by local law, replacement Product or accessories provided under this Warranty will be covered by this Warranty for the remainder of the original Warranty period or for sixty (60) days from the date the

may invalidate any approval or warranty. If you believe the battery or charger is damaged, take it to a service centre before continuing to use it. Never use a damaged battery or charger. Only use the charger indoors. Do not charge your device during a lightning storm. Do not dispose of batteries in a fire as they may explode. Obey local regulations. Recycle when possible. Do not dispose as household waste.

#### 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 inadequately shielded medical devices' function. Consult a physician or the medical device's manufacturer to determine if it is adequately shielded from external radio energy.

#### Implanted medical devices

To avoid potential interference, manufacturers of implanted medical devices recommend a minimum separation of 15,3 centimetres (6 inches) between a wireless device and 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.
- 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

**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.

#### Nickel

The surface of this device is nickel-free.

replacement Product or accessory is returned to you, whichever is longer:

- Original Product or accessories not found to be defective will not be replaced and will be covered by this Warranty for the remainder of the original Warranty period;
- The Product or all accessories that have been replaced become seller's property. Manufacturer does not warrant that software preinstalled by or on behalf of Manufacturer in the Product (or subsequent updates and upgrades) (together "Manufacturer software") will meet your requirements, work in combination with any hardware or software not provided by Manufacturer, is uninterrupted or error free or that errors are correctable or will be corrected. For Manufacturer software-related errors, Manufacturer will make available the latest version of the Manufacturer software for reinstallation on your Product or, if that would not be possible, another remedy, which in Manufacturer's reasonable discretion, satisfactorily addresses the error. Some Manufacturer software may be subject to separate license terms that are available with the software.

**Please always back up all data and content stored on your Product before taking your Product in for replacement since all data in your Product will be lost.**

**Manufacturer and its authorized service providers are not responsible for the loss of your data, programs or confidential information.**

#### 3. What this Warranty does not cover

Manufacturer does not provide any Warranty for the following:

- When the Product is used in a way that is different from its ordinary use, such as:
  - errors or damages caused by:
    - exposure to moisture, to extreme electromagnetic field (such as damages caused by microwave oven), to dampness, to extreme thermal or environmental conditions or to rapid changes in such conditions, corrosion, oxidation, spillage of food or liquid, or to influence from chemical products,
    - using your Product with, or connecting it to, any product, accessory, software, or service not manufactured or supplied by Manufacturer,
    - any products combined with your Product by a third party,
    - damage or errors caused by hacking, cracking, viruses, or other malware, or by unauthorized access to services, accounts, computer systems, or networks; or
    - other acts beyond Manufacturer's reasonable control.

#### Vehicles

Radio signals may affect improperly installed or inadequately shielded electronic systems in vehicles. For more info, check with the manufacturer of your vehicle or its equipment.

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

#### Potentially explosive environments

Switch your device off in potentially explosive environments, such as near gas pumps. Sparks may cause an explosion or fire resulting in injury or death. Note restrictions in areas with fuel; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive environment may not be clearly marked. These usually are areas where you are advised to switch your engine off, below deck on boats, chemical transfer or storage facilities, and where the air contains chemicals or particles. Check with the manufacturers of vehicles using liquefied petroleum gas (such as propane or butane) if this device can be safely used in this vicinity.

#### Certification information (SAR)

This mobile device meets guidelines for exposure to radio waves as set forth by the Council of Europe (CE). Refer to the following.

#### European RF Exposure Information

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 guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2.0 W/kg and the highest SAR value for this device when tested at the ear is [xxx add value] W/kg\*. As mobile devices offer a range of functions, they can be used in other positions, such as on the body. In this case, the highest tested SAR value is [xxx add value] W/kg\* at the separation distance of 0.5 cm from the body. For electronic safety, maintain the separation distance with accessories containing no metal, that position handset a minimum of the above distance. Use of other accessories may not ensure compliance with RF exposure guidelines.

\* The tests are carried out in accordance with international guidelines for testing.

This mobile device meets guidelines for exposure to radio waves as set forth by the Federal Communications Commission (FCC). Refer to the following.

#### FCC RF Exposure Information

Your handset is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications

Commission of the U.S. Government. The guidelines are based on standards that were developed by independent scientific organization through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model handset as reported to the FCC when tested for use at the ear is 1.16 W/kg, and when worn on the body in a holder or carry case, is 1.18W/kg.

Body-worn Operation; This device was tested for typical body-worn operations with the handset kept 1.0 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.0 cm separation distance between the user's body and the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided. The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file with the FCC and can be found under the Display Grant section of [www.fcc.gov/oet/ea/](http://www.fcc.gov/oet/ea/) after searching on FCC ID 2AJOTTA-1048 or 2AJOTTA-1071.

Additional information on Specific Absorption Rates (SAR) can be found on the FCC website at [www.fcc.gov/general/radio-frequency-safety-0](http://www.fcc.gov/general/radio-frequency-safety-0).

To send data or messages, a good connection to the network is needed. Sending may be delayed until such a connection is available. Follow the separation distance instructions until the sending is finished.

During general use, the SAR values are usually well below the values stated above. This is because, for purposes of system efficiency and

To the extent permitted by applicable law, Manufacturer's liability shall be limited to the purchase value of your Product.

The limitations in this clause 4 shall not apply in case of Manufacturer's negligence or intentional misconduct or in case of death or personal injury resulting from Manufacturer's proven negligence.

#### 5. Other important notices

For any further information related to your Product please visit [www.nokia.com/mobile-support](http://www.nokia.com/mobile-support). Your Product may contain country-specific elements, including software. The replacement services available in a particular country may be limited to the Products and country-specific elements available in that country. Also, if your Product has been re-exported from its original destination to another country, your Product may contain country-specific elements that are not considered a Defect under this Warranty even if those elements or the Product would not be operational. HMD Global Oy (address: Karaportti 2, 02610 Espoo, Finland)

1. User guides;  
2. Any (i) third party software, settings, content, data, or links installed or downloaded onto your Product at any time, or (ii) Manufacturer and third-party services or enabling clients even if preinstalled by Manufacturer (please read the terms and conditions that may accompany the services as those will define your rights and obligations);  
3. Any (i) normal wear and tear, (ii) reduced charging capacity of the battery resulting from its natural end of Product life, or (iii) pixel defects in your Product's display that are within the scope of industry standards; and  
4. SIM card and/or any cellular or other networks or system on which your Product operates.

If this Warranty does not cover your Product or the issue based on which it requires service, Manufacturer reserves the right to charge for the repair or replacement of your Product, as well as a handling fee.

**4. Limitation of Manufacturer's liability**  
To the extent permitted by applicable laws), Manufacturer shall not under any circumstances be liable, either expressly or implicitly, for any:  
1. Damages or losses of any kind whatsoever resulting from or relating to loss of, damage to, or corruption of, content or data or the re-creation or transfer thereof even if such loss, damage, or corruption was a result of (i) a Defect in your Product or (ii) an attempt to repair your Product; and/or  
2. Loss of profit, productivity, functionality, business, contracts, revenues or anticipated savings, increased costs or expenses, or for any indirect, consequential or special loss or damage.

to minimise interference on the network, the operating power of your mobile is automatically decreased when full power is not needed for the call. The lower the power output, the lower the SAR value. Device models may have different versions and more than one value. Component and design changes may occur over time and some changes could affect SAR values.

For more info, go to [www.sar-tick.com](http://www.sar-tick.com). Note that mobile devices may be transmitting even if you are not making a voice call.

#### 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 from copying, modifying, or transferring photos, music, and other content.

## Copyrights and other notices

#### Declaration of conformity



Hereby, HMD Global Oy (Ltd.) declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. A copy of the Declaration of Conformity can be found at [www.nokia.com/mobile-declaration-of-conformity](http://www.nokia.com/mobile-declaration-of-conformity).

#### FCC notice:

This device complies with part 15 of the FCC rules and standards). 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. For more info, go to [www.fcc.gov/engineering-technology/electromagnetic-compatibility-division/radio-frequency-safety/fa/rrf-safety](http://www.fcc.gov/engineering-technology/electromagnetic-compatibility-division/radio-frequency-safety/fa/rrf-safety). Any changes or modifications not expressly approved by HMD Global could void the user's authority to operate this equipment. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.