














Safety Manual





Vodafone K5161z
Mobile Broadband USB Stick

Product Safety Information

Please read this safety information before you use the device. Following the warnings will help prevent injury to yourself or others and damage to your device.

Pictograms and Graphic Symbols

	Read the Safety Information before using this device. Failure to comply with safety warnings can result in serious injury.
	Do not use while driving
	For body-worn operation maintain a separation of 5mm
	Keep away from pacemakers and other personal medical devices
	Switch off when instructed in hospitals and medical facilities
	Switch off when instructed in aircrafts and airports
	Switch off in explosive environments
	Do not use while refueling or near gas or flammable liquids
	Do not dispose of this device or its battery in a fire.
	Avoid contact with magnetic media
	Avoid Extreme Temperatures
	Avoid contact with liquid, keep dry
	Do not try and disassemble

	Do not rely on this device for emergency communications
	Only use approved accessories
	This device is not intended for use by young children. If you allow a child to use it ensure the child is strictly supervised. This device contains small parts which are a choking hazard
	Do not to use this device whilst walking across a road or cycling

RF Exposure

Your device contains a radio transmitter and a receiver. When it is ON, it receives and transmits RF energy. When your device is in use, the system handling your connection controls the power level at which your device transmits.

Specific Absorption Rate (SAR)

Your wireless 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 Specific Absorption Rate, or SAR. The SAR limit for wireless devices is 2 W/kg and the highest SAR value for this device when tested at the body was 0.795 W/kg* with 5 mm distance.

SAR is measured utilizing the device's highest transmitting power and where supported with multiple simultaneous transmitters. The actual

SAR of this device while operating is typically well below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum power required to communicate with the network.

* The tests are carried out in accordance with EN 50566:2017 and EN 62209-2:2010+A1:2019.

Body worn operation

To ensure compliance with RF exposure guidelines the device must be used with a minimum of 0.5 cm separation from the body. Failure to observe these instructions could result in your RF exposure exceeding the relevant guideline limits and may use more power than necessary.

FCC Statement

FCC Compliance (when US bands are supported)

Federal Communications Commission Notice (United States):

Before a wireless device model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The SAR limit for battery operated standalone wireless routers adopted by the USA is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The highest SAR value reported to the FCC for this device type was compliant with this limit.

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

Caution: Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the 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.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Distraction

Driving

Full attention must be given to driving at all times in order to reduce the risk of an accident. Using this device while driving causes distraction and can lead to an accident. You must comply with local laws and regulations restricting the use of wireless devices while driving.

Operating machinery

Full attention must be given to operating the machinery in order to reduce the risk of an accident.

Product Handling

You alone are responsible for how you use your device and any consequences of its use. You must always switch off your device wherever the use of a mobile phone is prohibited. Use of your device is subject to safety measures designed to protect users and their environment.

- Always treat your device and its accessories with care and keep it in a clean and dust-free place.
- Do not expose your device or its accessories to open flames or lit tobacco products.
- Do not expose your device or its accessories to liquid, moisture or high humidity.
- Do not drop, throw or try to bend your device or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your device or its accessories.
- Do not attempt to disassemble your device or its accessories: only authorized personnel must do so.
- Do not expose your device or its accessories to extreme temperatures, minimum -5 and maximum +55 degrees Celsius. For optimal performance operate within a range of minimum 0 and maximum +35 degrees Celsius.
- Please check local regulations for disposal of electronic products.
- Do not carry your device in your back pocket as it could break when you sit down.

Small Children

Do not leave your device and its accessories within the reach of small children or allow them to play with it. They could hurt themselves or others, or could accidentally damage the device.

Your device contains small parts with sharp edges that may cause an injury or which could become detached and create a choking hazard.

Electrostatic discharge (ESD)

Do not touch the SIM card's metal connectors.

Power supply

Do not connect your device to the power supply or switch it on until instructed to do so in the installation instructions.

Air Bags

Do not place this device in the area over an air bag or in the air bag deployment area. Store the device safely before driving your vehicle.

Emergency Situations

This device, like any wireless device, operates using radio signals, which cannot guarantee connection in all conditions. Therefore, you must never rely solely on any wireless device for emergency communications.

Device Heating

Your device may become warm during charging and during normal use, do not use this device if it is overheated.

Electrical Safety

Accessories

Only use approved accessories. Do not connect with incompatible products or accessories.

Do not touch your device with wet hands. Doing so may cause an electric shock.

Connection to a Car

Seek professional advice when connecting a device

interface to the vehicle electrical system.

Faulty and Damaged Products

Do not attempt to disassemble the device or its accessory.

Only qualified personnel should service or repair the device or its accessory.

If your device or its accessory has been submerged in water or other liquid, punctured, or subjected to a severe fall, do not use it until you have taken it to be checked at an authorized service centre.

Interference

Care must be taken when using the device in close proximity to personal medical devices, such as pacemakers and hearing aids.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15 cm be maintained between a device and a pacemaker to avoid potential interference with the pacemaker.

Hearing Aids

People with hearing aids or other cochlear implants may experience interfering noises when using wireless devices or when one is nearby.

The level of interference will depend on the type of hearing device and the distance from the interference source, increasing the separation between them may reduce the interference. You may also consult your hearing aid manufacturer to discuss alternatives.

Medical devices

Please consult your doctor and the device manufacturer to determine if operation of your device may interfere with the operation of your medical device.

Hospitals

Switch off your wireless device when requested to do so in hospitals, clinics or health care facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

Aircraft

Switch off your wireless device whenever you are instructed to do so by airport or airline staff. Consult the airline staff about the use of wireless devices on board the aircraft. If your device offers a 'flight mode' this must be enabled prior to boarding an aircraft.

Interference in cars

Please note that because of possible interference to electronic equipment, some vehicle manufacturers forbid the use of devices in their vehicles unless an external antenna is included in the installation.

Explosive environments

Petrol stations and explosive atmospheres

In locations with potentially explosive atmospheres, obey all posted signs to turn off wireless devices such as your device or other radio equipment. Areas with potentially explosive atmospheres include fuelling areas, below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

Blasting Caps and Areas

Turn off your device or wireless device when in a blasting area or in areas posted turn off "two-way radios" or "electronic devices" to avoid interfering with blasting operations.

Software Information

The product software version is BD_K5161zV1.0 or later. Software updates will be released to enhance usability of the product.

Software Updates

By continuing to use this device, you indicate that you have read and agree to the following content: In order to provide better service, this device will automatically check for/obtain software update information from Vodafone and its partners after connecting to the Internet. This process may use mobile data, and requires access to your device's unique identifier (IMEI/SN) and the service provider network ID (PLMN) to check whether your device needs to be updated. Note that neither Vodafone nor its partners will use the IMEI/SN information for the purposes of personally identifying you, this is only used for scheduling/managing software updates.

Specification

This radio equipment operates with the following frequency bands and maximum radio-frequency power.


NOTE:

This product is compliant with the power limits required by the European Union. Frequency bands supported by the product vary by model.

Service	Power Level(Maximum)
GSM 900 MHz	35 dBm
GSM 1800 MHz	32 dBm
UMTS Band 1 (2100 MHz)	25 dBm
UMTS Band 8 (900 MHz)	25 dBm

LTE FDD Band 1 (2100 MHz)	25 dBm
LTE FDD Band 3 (1800 MHz)	25 dBm
LTE FDD Band 7 (2600 MHz)	25 dBm
LTE FDD Band 8 (900 MHz)	25 dBm
LTE FDD Band 20 (DD800MHz)	25 dBm

Disposal of Your Old Appliance

	<ol style="list-style-type: none">When this crossed-out wheeled bin symbol is attached to a product, it means the product is covered by the European Directive 2012/19/EU.All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
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EU DECLARATION OF CONFORMITY



Hereby, Vodafone declares that the radio equipment type Vodafone Mobile K5161z is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following Internet address: vodafone.com/K5161z/ec-declaration

Vodafone

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