

# Safety Manual

## Vodafone Mobile Wi-Fi

### 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 section of this user guide before using this device. Failure to comply with safety warnings can result in serious injury.
-  Do not use while driving
-  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
-  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 refuelling or near gas or flammable liquids
-  For body-worn operation maintain a separation of 5 mm
-  Do not dispose of this device or its battery in a fire
-  Avoid contact with magnetic media

-  Do not rely on this device for emergency communications
-  Only use approved accessories
-  Do not try and disassemble
-  Avoid contact with liquid, keep dry
-  Do not to use this device whilst walking across a road or cycling
-  Avoid Extreme Temperatures

#### 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 organisation 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 wireless devices is 2 W/kg. The highest SAR value for this device when tested complied with this limit.

#### 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.

\*The tests are carried out in accordance with CENELEC EN50566 IEC 62209-2.

#### Regulatory information

The following safety approvals and notices apply in specific regions as noted.

#### CE Approval (European Union)

The wireless device is approved to be used in the member states of the EU. The manufacturer declares that the wireless device is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Directive 2014/53/EU.

Restrictions in the 2.4 GHz band:

Norway: This subsection does not apply for the geographical area within a radius of 20 km from the centre of Ny-Ålesund.

Restrictions in the 5 GHz band:

According to Article 10 (10) of Directive 2014/53/EU, the packaging shows that this radio equipment will be subject to some restrictions when placed on the market in Belgium (BE), Bulgaria (BG), the Czech Republic (CZ), Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain (ES), France (FR), Croatia (HR), Italy (IT), Cyprus (CY), Latvia (LV), Lithuania (LT), Luxembourg (LU), Hungary (HU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Slovakia (SK), Finland (FI), Sweden (SE), the United Kingdom (UK), Turkey (TR), Norway

(NO), Switzerland (CH), Iceland (IS), and Liechtenstein (LI).

The WLAN function for this device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

#### 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 following two conditions: (1) this device may not cause harmful interference, (2) this device must accept any interference received, including interference that may cause undesired operation.

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.

#### Walking and Cycling

Using a wireless device while walking or cycling will reduce concentration on the environment around you and may increase your 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 authorised personnel must do so.
- Do not expose your device or its accessories to extreme temperatures, 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 may 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 near or over an air bag or in the air bag deployment area.

Store the device safely before driving your vehicle.

**Emergency Calls**

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**

Use only approved accessories and chargers.

Do not connect with incompatible products or accessories.

Take care not to touch or allow metal objects, such as coins or key rings, to contact or short-circuit the battery terminals, charger, device charging point or any electrical contacts on accessories.

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

Do not touch the power cord with wet hands or disconnect the charger by pulling the cord. Doing so may result in electrocution.

**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 authorised service centre.

**Battery Handling & Safety (For Products with Removable Battery)**

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

Only use the battery and charger supplied, or manufacturer approved replacements intended for use with your device. Using other batteries and chargers could be dangerous.

Improper battery use may result in a fire, explosion, or other hazard. If you believe the battery has been damaged, do not use the battery, take it to a service centre for testing.

Do not disassemble or short-circuit the battery. Accidental short-circuiting can occur if a metallic object such as a key, paper clip, or pen touches the terminals of the battery.

Don't handle a damaged, smoking or leaking battery.

Do not allow the battery to get wet.

Do not puncture or crush the battery or allow it to be subjected to any external pressure or force.

**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 device 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.

**Disposal and Recycling**

To dispose of or recycle your device in a safe and appropriate manner, contact your Customer Services centre for information.

**Frequency Bands and Power**

- (a) Frequency bands in which the radio equipment operates: Some bands may not be available in all countries or all areas. Please contact the local carrier for more details.
- (b) Maximum radio-frequency power transmitted in the frequency bands in which the radio equipment operates: The maximum power for all bands is less than the highest limit value specified in the related Harmonized Standard.

The frequency bands and transmitting power nominal limits applicable to this radio equipment are as follows:

| Service                 | Power Level (Maximum) |
|-------------------------|-----------------------|
| GSM 900                 | 37 dBm                |
| GSM 1800                | 34 dBm                |
| WCDMA 900/2100          | 25.7 dBm              |
| LTE Band 1/3/7/8/20/38  | 25.7 dBm              |
| Wi-Fi 2.4G              | 20 dBm                |
| Wi-Fi 5G: 5150-5250 MHz | 23 dBm                |

**Software Information**

The product software version is 21.130.00.00.00 or later. Software updates will be released to enhance usability of the product.

For the most recent information about accessories and software, please see the DoC (Declaration of Conformity) at: [vodafone.com/R227h/ec-declaration](http://vodafone.com/R227h/ec-declaration)

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