

GI0451

CE 0889

FCC-ID: NCMOGI0451

Safety Certification Leaflet

Your iCON 451 is like a mobile phone

Your iCON 451 uses the same technology as a mobile phone. It is important that you always obey all safety regulations related to mobile phone use. If you have any doubt about the safe operation of your iCON 451 you should remove the iCON 451 from the PC and seek advice from authorized personnel.

This device may not be connected to a USB hub, nor to a PC network nor to a USB 1.0 interface.

1. Safety Measurements

Please read the following guidelines carefully. Not following these guidelines can cause harm to the USB stick, yourself or other persons.

1.1 General recommendations for use

- Always treat your product with care and keep in a clean and dust-free place. Do not expose your product to open flames or lit tobacco products.
- Do not expose to liquid, moisture or humidity. Do not expose the iCON 451 to rain or other liquids.
- Do not drop, throw or try to bend your product.
- Do not paint your product.
- Do not attempt to disassemble your product. Doing so may be dangerous and it will void the warranty.
- Do not touch the antenna unnecessarily. (This is located either inside the product or as an external antenna.)

1.2 Traveling: Handle the USB stick with care while traveling. It is recommended to remove the USB stick from the laptop.

1.3 Ambient temperatures: Do not expose the iCON 451 or the antenna to ambient temperatures beyond the range of -10 and +55 degrees Celsius.

1.4 Explosive atmosphere: Turn off your PC in any area with a potentially explosive atmosphere. It is rare, but your PC could generate sparks, which could cause an explosion or fire. Areas with a potentially explosive atmosphere are not always clearly marked. They include fuelling areas (petrol filling stations), below deck on boats, fuel or chemical transfer or storage facilities and areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Do not transport or store your PC and accessories in the compartment of a vehicle which contains flammable gas, liquid or explosives.

1.5 Blasting areas – construction sites: Turn off your PC when in a blasting area in order to avoid interfering with two-way radios used in blasting operations.

1.6 Do not use on aircraft: Using a wireless devices on aircraft can cause interference and is illegal. Remove your iCON 451 if you intend to use your PC whilst in an aircraft. Do not use it when the plane is on the ground without permission from the aircraft crew.

1.7 Do not use in hospitals: Please ensure you follow any local regulations or rules. People are often asked to switch off all electronic devices in some areas of a hospital. This is a recommendation that Option® fully supports. Using the iCON 451 close to sensitive electronic devices could possibly result in interference. If you intend to use your PC in such areas, you must remove the iCON 451.

1.8 Interference from radio signals: Option® relies on advice from health authorities and relevant expert bodies about potentially undesirable reactions to radio emissions from the iCON 451.

1.9 Immunity to interference: Electromagnetic interference is the disturbance of the normal operation of a device due to its response to radio signals from an external source. Occasionally, in some situations you may hear short sounds coming from audio equipment such as radio or multimedia PC. However, these audible signals do not interfere with the operation of the equipment.

The Directive from the European Commission (2004/108/EC) governing all forms of electronic equipment concerns interference that such equipment produces, and its immunity to interference from outside. Any equipment compliant with that directive is unlikely to suffer interference. All wireless devices may get interference which could affect performance.

1.10 Cardiac pacemakers, implanted defibrillators & other medical implant devices

It is possible that the iCON 451 may interfere with some types of pacemakers or implanted defibrillators when operated close to the implanted device. You should seek advice from your doctor that is specific to the implant before using the iCON 451. Health authorities in many countries have set up advisory services for medical devices and implants including providing advice about maintaining separation distance between the mobile device or other radio frequency equipment and the implant. Option® operating companies reflect the advice given by their relevant health authority or national advisory service, and as a minimum recommend a separation distance of at least 20 cm between the iCON 451 or other radio frequency terminal equipment and the embedded device.

1.11 Hearing devices: People with hearing aids or other cochlear implants may experience interfering noises when using mobile devices or when one is nearby. The level of interference will depend on the type of mobile device, the type of hearing device and the distance between the two. Increasing the distance between the iCON 451 and hearing device may reduce interference.

1.12 Children: Do not allow children to play with your iCON 451. They could hurt themselves or others, or could accidentally damage the iCON 451. Your iCON 451 contains small parts with sharp edges that may cause an injury or which could become detached and create a choking hazard.

1.13 Driving: Do NOT use the iCON 451 while driving. Park the vehicle first.

1.14 SIM cards: To protect against damage from electrostatic discharge (ESD) do not touch the SIM card connectors. As a precaution, always make sure that iCON 451 is already in your hand before you insert or remove the SIM card.

1.15 Accessories: Only use Option® approved accessories. Do not connect with incompatible products. When used with accessories, Option® can only guarantee safe and correct operation of our products if the accessories are tested and approved by us.

1.16 Safe distance: The iCON 451 has been thoroughly tested to comply with SAR requirements. These tests simulate the absorption by the human body of radiation from the iCON 451.

This device complies to the SAR regulation as stated by the FCC.

The measurements were made according to the Supplement C to OET Bulletin 65 of the Federal Communications Commission (FCC) Guidelines [OET 65] for evaluating compliance of mobile and portable devices with FCC limits for human exposure (general population) to radiofrequency emissions. The device was tested in all applicable USB orientations with a separation of 5 mm to the flat phantom. The FCC guidelines define a limit of 1.2 W/kg averaged over a mass of 1 g for single platform devices, in this case a notebook platform.

This device complies with the SAR regulation as stated by the European Council Recommendation.

The SAR limit as defined by the European Council Recommendation is 2.0 W/kg for a mass of 10g (European Council Recommendation 1999 519 EC), based upon ICNIRP guidelines. Details are available upon request.

For day-to-day use we would advise the user to keep a minimum distance from the antenna of 20 cm.

Users concerned with the risk of Radio Frequency exposure may wish to limit the duration of their calls and to position the antenna as far away from the body as is practical.

1.17 Supply voltage: The iCON 451 has to be supplied by a limited power source according to EN 60950-1:2001.

2. Certification requirements

2.1 Agency requirements

Licensed by QUALCOMM Incorporated under one or more of the following United States Patents and/or their counterparts in other nations: 4,901,307; 5,490,165; 5,056,109; 5,504,773; 5,101,501; 5,506,865; 5,109,390; 5,511,073; 5,228,054; 5,535,239; 5,267,261; 5,544,196; 5,267,262; 5,568,483; 5,337,338; 5,600,754; 5,414,796; 5,657,420; 5,416,797; 5,659,569; 5,710,784; 5,778,338

2.2 Federal communications commission notice

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, we cannot 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 different circuit to the one the receiver is connected to.
- Consult the dealer or an experienced radio or television technician for help.

2.3 Modifications

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by Option®, could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules.

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, and
- (2) This device must accept any interference received, including interference that may cause undesirable operation.

2.4 Exposure Information to Radio Frequency Energy

This USB 2.0 device has been tested in a notebook for compliance with the SAR requirements as stated by the FCC.

Users concerned with the risk of Radio Frequency exposure may wish to limit the duration of their calls and to position the antenna as far away from the body as is practical.

The USB Stick has been tested with specific integral antenna for SAR compliance with one notebook having vertical and horizontal USB slots with a separation distance of 5mm between the phantom and the device. The device can be used in notebook computers with substantially similar physical dimensions, construction, and electrical and RF characteristics.

2.5 Manufacturer's disclaimer statement

The information in this document is subject to change without notice and does not represent a commitment on the part of the vendor. No warranty or representation, either expressed or implied, is made with respect to the quality, accuracy or fitness for any particular purpose of this document. The manufacturer reserves the right to make changes to the content of this document and/or the products associated with it at any time without obligation to notify any person or organization of such changes. In no event will the manufacturer be liable for direct, indirect, special, incidental or consequential damages arising out of the use or inability to use this product or documentation, even if advised of the possibility of such damages.

For questions regarding your product or declaration, contact:

Option | Gaston Geenslaan 14 | 3001 Leuven | Belgium | www.option.com

2.6 System requirements

- USB 2.0 slot
- Must be supplied by a SELV (Safety Extra Low Voltage) circuit with limited power.

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To identify this product we refer to the Part, Series or Model number found on the product.