

Safety manual

GlobeSurfer II

Version 2.0

31/07/07

1. Introduction

This document contains very important information about the safe operation of your Option GlobeSurfer. We recommend you read this entire document before using the product.

Ignoring these guidelines may be dangerous or illegal.

1.1 Your GlobeSurfer is using the same type of technology as mobile phones

Your GlobeSurfer 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 GlobeSurfer you should power off the GlobeSurfer and seek advice from authorized personnel.

2. Safety Measures

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

**This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.**

2.1 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 GlobeSurfer 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.
 - The GlobeSurfer is intended for use only when powered by external power supply shipped together with equipment or other available from Option. The use of any other power supplies may invalidate regulatory approval of this product. For servicing, contact your vendor or OPTION for a suitable power supply!

- Do not connect the POTS (phone) line to telecommunication network socket outlets! The equipment could be damaged! There is a risk of electrical shock!
- Use the GlobeSurfer II only indoor and in dry location. Do not use this product near water for example, near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like. Refer to table for each interconnection point found in this user instruction.
- This device is suitable for use on TN power systems and IT-power systems connection (max 230V phase-phase). If you are not sure of the type of power system to your home, consult your appliance dealer or local power company.
- Do not install this product in direct sunlight. Slots and openings in the enclosure are provided for ventilation and to ensure reliable operation of the device and to protect it from overheating these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been followed.
- Unplug the product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Never spill liquid of any kind on the product. Use a damp cloth for cleaning.
CAUTION! There is risk of fire and electrical shock!
- If the damage done on the device requires service, unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - When the power-supply cord or plug is damaged.
 - If liquid has been spilled, or objects have fallen into the product.
 - If the product has been exposed to rain or water.
 - If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
 - If the product has been dropped or the enclosure has been damaged.
 - When the product exhibits a distinct change in performance – this indicates a need for service.
- This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.
- 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.
- Changes or modifications made to this equipment not expressly approved by **Option NV** may void the FCC authorization to operate this equipment.

- 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:
 - (1) Reorient or relocate the receiving antenna.
 - (2) Increase the separation between the equipment and receiver.
 - (3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - (4) Consult the dealer or an experienced radio/TV technician for help.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

2.2 Ambient temperatures

Do not expose the GlobeSurfer or the antenna to ambient temperatures beyond the range of -25 and +50 degrees Celsius.

2.3 Explosive atmosphere

Do not operate your GlobeSurfer in any area with a potentially explosive atmosphere. It is rare, but a radio frequency device 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.

2.4 Blasting areas – construction sites

Turn off your GlobeSurfer when in a blasting area in order to avoid interfering with two-way radios used in blasting operations.

2.5 Do not use on aircraft

Using a wireless devices on aircraft can cause interference and is illegal. Do not use it when the plane is on the ground without permission from the aircraft crew.

2.6 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 a GlobeSurfer close to sensitive electronic devices could possibly result in interference.

2.7 Immunity to interference

Electromagnetic interference is the disturbance of the normal operation of a device due to its undesired 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 1989 Directive from the European Commission (89/336/ECC)¹³ 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.

2.8 Cardiac pacemakers, implanted defibrillators & other medical implant devices

It is possible that GlobeSurfer 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 GlobeSurfer. Health authorities in many countries have set up advisory services for medical devices and implants including providing advice about maintaining separation distance between radio frequency equipment and the implant. Option operating companies reflect the advice given by their relevant health authority or national advisory service and/or as a minimum indicate a separation distance of at least 20cm between radio frequency terminal equipment and the embedded device.

2.9 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 hearing device and the distance between the GlobeSurfer and the hearing device. Increasing the distance between the GlobeSurfer and hearing device may reduce interference.

2.10 Children

Do not allow children to play with your GlobeSurfer. They could hurt themselves or others, or could accidentally damage the GlobeSurfer. Your GlobeSurfer contains small

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

2.11 Accessories

Only use Option approved accessories. Do not connect with incompatible products. When used with accessories such as external antennas Option can only guarantee safe and correct operation of our products if the accessories are tested and approved by us.

To comply with international safety requirements; when using an Option approved external antenna you must ensure that it is kept from the body at a distance greater than 20 cm.

2.12 Equipment interconnection points

Interconnection	Category	Type
DC input connector	SELV	5.5/1.2mm DC jack
SIM card connector	SELV	SIM type (ISO7816)
External antenna connector	SELV	MC-CARD type
LAN connector	SELV	RJ45
Telephone connector	TNV2	RJ11

Rated Input Voltage

Maximum Input Voltage	5 VDC
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SELV interconnections must only be connected to other equipment that complies with requirements of SELV-circuits as defined in EN60950-1:2001 directive.

TNV2 interconnections must only be connected to other equipment that complies with requirements of TNV2-circuits as defined in EN60950-1:2001 directive.