

Safety Warnings

General Warnings

TPS receivers are designed for survey and survey related uses (that is, surveying coordinates, distances, angles and depths, and recording such measurements). This product should never be used:

- Without the user thoroughly understanding this manual.
 - After disabling safety systems or altering the product.
 - With unauthorized accessories.
 - Without proper safeguards at the survey site.
 - Contrary to applicable laws, rules, and regulations.
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TPS receivers should never be used in dangerous environments. Use in rain or snow for a limited period is permitted.

Battery Pack Warnings

Never attempt to open the casing of the removable battery! Lithium-Ion batteries can be dangerous if mishandled!

Do not incinerate or heat battery above 212° fahrenheit (100° celsius). Excessive heat can cause serious damage and possible explosion.

Tampering with the batteries by end users or non-factory authorized technicians will void the battery's warranty.

- Do not attempt to open the battery pack or replace it.
 - Do not disassemble the battery pack.
 - Do not charge in conditions different than specified.
 - Do not use other than the specified battery charger.
 - Do not short circuit.
 - Do not crush or modify.
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Usage Warnings

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If this product has been dropped, altered, transported or shipped without proper packaging, or otherwise treated without care, erroneous measurements may occur.

The owner should periodically test this product to ensure it provides accurate measurements.

Inform TPS immediately if this product does not function properly.

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Only allow authorized TPS warranty service centers to service or repair this product.

Regulatory Information

FCC Regulatory Information

The Federal Communication Commission Radio Frequency Interference Statement includes the following paragraph:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of 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. If not installed and used in accordance with the instructions, it 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 tuning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and the receiver.
- Connect the equipment to outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Federal Communication Commission
Declaration of Conformity (DoC) Statement**



Model No: GRS-1

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|-------------------|---|
| Trade Name | Topcon |
| Responsible Party | Topcon Positioning Systems, Inc. |
| Address | 7400 National Drive, Livermore, CA 94551 |
| Telephone No | +925-245-8300 |

Industry Canada (IC) Regulatory Information

This device complies with RSS 210 of Industry Canada.

Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of this device.

L' utilisation de ce dispositif est autorisée seulement aux conditions suivantes :

- (1) il ne doit pas produire de brouillage et
- (2) l' utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

**FCC/IC RF Radiation Exposure Statement
For Bluetooth**

To comply with FCC/IC RF exposure compliance requirements, this device must not be co-located or operating in conjunction with any other antenna or transmitter.

For mobile operation,
To comply with FCC/IC RF exposure compliance requirements, a separation distance of at least 20cm must be maintained between the antenna of this device and all persons. This device must not be co-located or operating in conjunction with any other antenna or transmitter.

The installer of this device must ensure that the antenna is located or pointed such that it does not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's website at www.hc-sc.gc.ca/rpb.

**In case that the option
GSM/GPRS/EDGE/UMTS/HSDPA Module (FCC ID:
QIPHC25, IC: 267W-HC25) is installed**

To comply with FCC/IC RF exposure compliance requirements, this device has been demonstrated co-location compliance requirement with GSM/GPRS/EDGE/UMTS/HSDPA Module FCC ID: QIPHC25 & IC: 267W-HC25, which is an option for GRS-1. This device must not be co-located in conjunction with any other antenna or transmitter.

For mobile operation,
To comply with FCC/IC RF exposure compliance requirements, a separation distance of at least 20cm must be maintained between the GSM antenna provided together with GSM/GPRS/EDGE/UMTS/HSDPA Module FCC ID: QIPHC25 & IC: 267W-HC25 and all persons as

well as between the antenna of this device and all persons.

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