

**Repeater
User Manual**

Model: TA 82

SYSGRATION®

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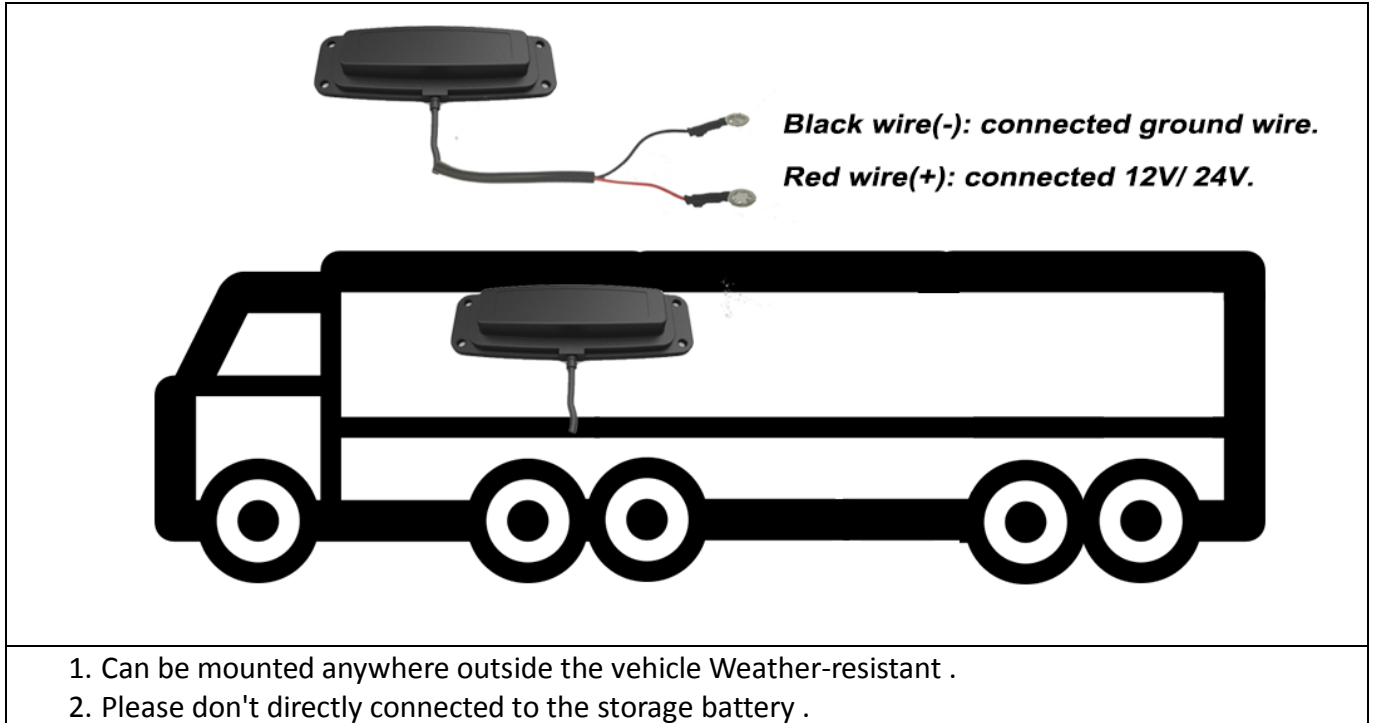
1. Product Introduction

The Repeater is designed to amplify the signal from your Bluetooth Low Energy TPMS (Tire Pressure Monitoring System) system sensors. In situations where the size of the vehicle and excessive metal may obstruct signal reception or interference prevents Android phone and iOS phone device from receiving a signal, the Repeater increases the sensors transmitting strength and distance.

2. Repeater Specification

Truck Repeater Specification	
Operating Voltage	12V/24V
Operating Humidity	90 % MAX
Storage Temperature	-40°C to 125 °C
Operating Temperature	-20°C to 85 °C
Operating Frequency	Bluetooth Low Energy 4.0, 2400MHz~2483.5MHz
Transmission Power	4 dBm MAX
Receiver Sensitivity	< -85dBm
Modulation format	GFSK
Operating Current	40mA Max. @ DC 12V
Waterproof	IP67

3. Installation Steps



4. Warranty Policy

Thank you for buying this product and giving us support. From the date of purchase, we provide a one-year warranty for the product, protecting the client's interest by providing product quality assurance. During the warranty period, under normal operation and in the event of a faulty product, the company is willing to repair the faulty product or have it replaced, enabling you to get the guarantee and demonstrating the company's responsible attitude toward products. But the product warranty must meet the following conditions :

1. Defective products need to be provided to local dealer to confirm purchase date and cause of defect.
2. Products must be operated correctly, as indicated in the user manual.
3. Product has not been disassembled by yourself.
4. The main cause of product failure is due to manufacture issues.

Disclaimer:

The warranty applies to the original purchaser only. Please follow the standard installation procedures setup the product. Before using, the user shall determine the suitability of the product for its intended use. If the electrical installation and failure caused by improper use of product damage, the company will not be responsible for any civil or criminal liabilities.

Other relevant latest information of SYSGRATION TPMS is available at our website (<http://www.sysgration.com/>) for latest information.

Federal Communication Commission Interference Statement

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 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.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 0.5 centimeters between the radiator and your body.

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

The antennas used for this transmitter must be installed to provide a separation distance of at least 0.5 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

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 undesired operation.