

User Manual

GRUNDIG 6-8 Wheel RV Tire Pressure Monitoring System

***Important Notice:** Please read this manual thoroughly before use. Do not alter device parameters unless absolutely necessary. Diagrams in this manual are for reference only. Actual product specifications prevail. Turn on the main unit power before installation.*

I. Product Overview

Thank you for purchasing our Tire Pressure Monitoring System (TPMS). This system is designed to provide an additional layer of protection during driving by alerting you to tire conditions in advance. After installing the TPMS, the system continuously monitors tire pressure and temperature. If abnormal pressure or temperature is detected, the system will immediately alert the driver with an audible warning and a flashing icon on the display. These real-time alerts and prompt actions help prevent traffic accidents and ensure the safety of all occupants.

II. Reception Host Introduction

1. Interface Description



- ① Battery Level ②Tire Pressure Unit ③Tire Temperature ④Tire Pressure
- ⑤Up Button ⑥Settings Button ⑦Down Button ⑧TYPEC

2. Factory Default Settings

The product ships with default tire pressure set to 8 bar, temperature units set to °C, a default upper limit of 3.2 bar, a lower limit of 1.8 bar, and a temperature alarm threshold of 68°C.

III. Installation Instructions

3.1. Pressure Unit Configuration (Factory Default: bar)

In device status, press and hold the “middle button” for 3 seconds to enter system setup mode. Press the middle button again; BAR will flash. Press the “up/down button” once to select PSI, then press the middle button to confirm.

3.2. Settings Mode

While the device is on, press and hold the “middle button” for 3 seconds to enter

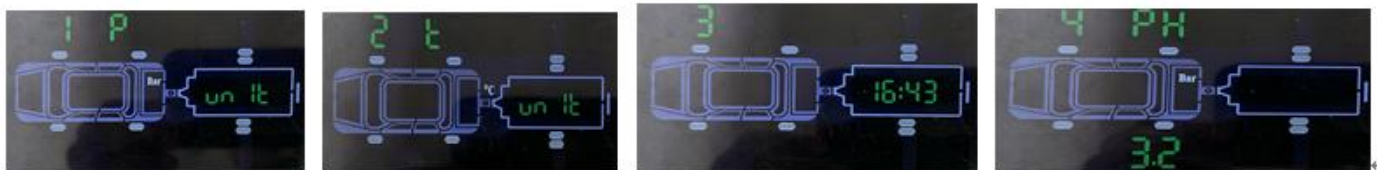
system settings mode. Press the “up button” once more to make “°C” flash. Press the “up button” again to select “°F”, then press the middle button to confirm.

3.3. Time Setting

Press and hold the middle button to enter settings. Press the up button once, then press the middle button twice. The hour will flash. Use the up/down buttons to adjust. After completing the hour, press the middle button once. The minutes will flash. Use the up/down buttons to adjust, then press the middle button to confirm.

3.4. Upper Atmospheric Pressure Limit Setting

Press and hold the middle button to enter settings. Press the up button three times, then press the middle button once. The number in the upper right corner will flash. Use the up/down buttons to adjust. Press the middle button once to confirm.



3.5. Lower Pressure Limit Setting

Press and hold the center button to enter settings. Press the up button 4 times, then press the center button once. The number in the upper right corner will flash. Use the up/down buttons to adjust. Press the center button once to confirm after adjustment.

3.6 Tire Quantity Switching

Press and hold the middle button to enter settings. Press the up button five times, then press the middle button once. Use the up/down buttons to select tire quantity (4, 6, or 8). Press the middle button once to confirm selection.

3.7 Replacing a Single Sensor

Press and hold the middle button to enter settings. Press the up button 6 times, then press the middle button once. The middle ID number will flash. Use the up/down buttons to select:

0 corresponds to Sensor 1, 1 corresponds to Sensor 2, and so on. After selecting the sensor, press the middle button once to make the corresponding ID flash. Then install the new sensor.

3.8 Factory Reset

While powered on, hold the center button for 3 seconds to enter settings. Press the up button 7 times, then press the center button twice. The device will reset and restart, restoring factory settings. It will then search for sensors again. If new sensors are available, reinstall them sequentially onto the valve stems. All sensor reinstallation must be completed within 30 minutes.



IV. Replacing Sensor Batteries

When replacing sensor batteries, remove and install each housing individually. Do

not mix or replace multiple housings simultaneously. This prevents sensors from being misaligned or installed on the wrong tire position due to incorrect housing placement. (Button cell CR1632, operating temperature range: -20°C to 80°C); available at most retail stores.

1. Before removing the sensor, prepare a nut wrench. Turn the nut clockwise to separate it from the sensor, then unscrew the sensor counterclockwise to remove it.
2. Use a wrench to unscrew the sensor cover counterclockwise.
3. Remove the old battery from the battery clip and dispose of it according to environmental regulations.
4. Identify the positive (+) and negative (-) terminals (positive “+” facing up). Install the new CR1632 button battery.
5. Screw the sensor cover back on, then tighten it clockwise using a wrench.