



# **Tyre Precision TPMS – User Manual**

Precision You Can Rely On

## **1. Product Overview**

Thank you for choosing Tyre Precision's Solar Tyre Pressure Monitoring System (TPMS). This system provides drivers with real-time tyre pressure and temperature monitoring for enhanced safety and peace of mind. If any abnormal readings are detected, the system will trigger an audible alert and display a warning on the screen to notify the driver immediately.

## **2. Receiver Interface and Buttons**

1. Power/Left Button – Turns device on/off, adjusts brightness.
2. SET Button – Menu/Confirm button for entering and saving settings.
3. Right Button – Adjust brightness, disable alarm.
4. USB Port – Charging port for the main unit.
5. Solar Panel – Powers the device under sunlight.

## **3. Installation Instructions**

### **External Sensor Installation:**

1. Turn on the receiver.
2. Screw the anti-theft nut onto the tyre valve.
3. Install the sensor on the valve and tighten.
4. Lock the anti-theft nut securely with a wrench.

### **Built-in Sensor Installation:**

1. Replace the original valve with the built-in sensor.
2. Inflate the tyres after installation.
3. Ensure the main unit is powered on during installation.

## **4. Function Settings**

The TPMS allows customization of pressure and temperature limits, units of measurement, and other parameters. It is recommended that non-professionals keep factory defaults to ensure reliability.

- Pressure Units: BAR or PSI
- Temperature Units: °C or °F
- Pressure Range: 1.8–3.2 BAR (default)
- Temperature Alarm: 68°C (default)

## **5. Battery Replacement**

Sensors use CR1632 button batteries. Replace one at a time to avoid confusion. Ensure the positive (+) side faces upward. Always tighten the sensor cap after replacement to maintain a proper seal.

## **6. Factory Reset**

To restore factory settings, hold the SET button for 3 seconds, navigate to the reset option, and confirm. This will clear all custom settings and automatically re-pair the sensors.

Tyre Precision

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