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## LETOURWM 4- Sensors

# LETOURWM RV Tire Pressure Monitoring System (TPMS) - 4 Sensors User Manual

Model: 4- Sensors

## 1. INTRODUCTION

The LETOURWM RV Tire Pressure Monitoring System (TPMS) is designed to enhance driving safety by continuously monitoring your vehicle's tire pressure and temperature in real-time. This system provides instant alerts for various tire conditions, ensuring you are informed and can react promptly to potential issues.

### Key Features:

- **6 Alarm Modes:** Alerts for high/low pressure, high temperature, rapid/slow leaks, sensor failure, and low battery.
- **Ultra-Clear LCD Display:** Large, high-definition screen with automatic brightness adjustment for clear visibility day and night.
- **Dual Charging:** Features solar and USB Type-C charging options for continuous power.
- **Effortless Installation:** External sensors can be screwed onto tire valves in minutes, requiring no wiring or tire removal.
- **Universal Fit:** Compatible with RVs, SUVs, sedans, MPVs, and pickup trucks.
- **All-Weather Durability:** Engineered to withstand dust, water, wind, and snow (IP68 rated).

## 2. WHAT'S IN THE BOX

Please check the package contents to ensure all items are present:

- 1 x TPMS Monitor
- 4 x TPMS Sensors (labeled FR, FL, RR, RL)
- 1 x Double-Sided Adhesive Tape
- 1 x Type-C USB Charging Cable
- 1 x Screwdriver
- 4 x Metal Valve Gaskets (Anti-theft nuts)

# Package Include



1 × TPMS Monitor



1 × Double-Sided Adhesive Tape



1 × type-C



4 × TPMS Sensors



1 × Screwdriver



4 × Metal Valve Gaskets

Image: Package contents of the LETOURWM TPMS. Includes the main monitor unit, four external tire sensors, a USB-C charging cable, double-sided adhesive tape for mounting, a small screwdriver, and four metal valve gaskets for anti-theft.

## 3. SETUP AND INSTALLATION

The LETOURWM TPMS is designed for quick and easy installation without the need for professional assistance or tire disassembly.

### Monitor Placement:

Place the TPMS monitor on your vehicle's dashboard where it has clear visibility and can receive sunlight for solar charging. Use the provided double-sided adhesive tape to secure it.

### Sensor Installation:

1. Unscrew the original valve cap from each tire.
2. Screw on the anti-theft nut (metal valve gasket) onto the valve stem.

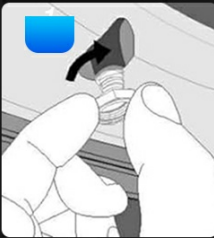
3. Screw the corresponding TPMS sensor (FR for Front Right, FL for Front Left, RR for Rear Right, RL for Rear Left) onto the valve stem. Ensure it is tightened securely.
4. Use the provided screwdriver to tighten the anti-theft nut against the sensor to prevent unauthorized removal.

## 5 Minutes To Get The Installation

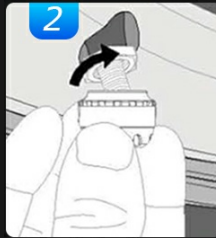
It is also super convenient for a car before a trip

And a cost-efficient choice to replace or maintain when changing the tire

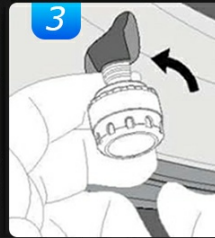
### Easy To Install



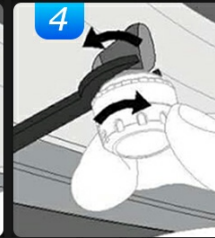
**1**  
Installation of anti-theft nut



**2**  
Anti-theft nut screwed inside



**3**  
Installation of sensor



**4**  
Lock the anti-theft nut

The battery life of sensors can last up to 2 years.

it could be replaced by yourself when the battery is exhausted.




Image: Visual guide for sensor installation. Steps include installing the anti-theft nut, screwing on the sensor, and locking the anti-theft nut with a screwdriver. The sensors are designed for easy self-installation.

The sensors are pre-paired with the monitor. If a sensor needs to be re-matched or replaced, refer to the 'Matching Sensors' section under Operating Instructions.

## 4. OPERATING INSTRUCTIONS

The TPMS monitor automatically turns on when the car starts and turns off when the car is stationary, conserving battery life. It provides real-time tire pressure and temperature readings on its LCD screen.

### Display Information:

## Large LCD Screen Automatic Backlight

Easy To Read Under Any Light Environment



Image: The large LCD screen of the TPMS monitor, illustrating automatic backlight adjustment for day and night visibility. It displays real-time tire pressure and temperature for each tire.

- **Pressure Value:** Displays current tire pressure for each wheel.
- **Temperature Value:** Shows current tire temperature for each wheel.
- **Battery Level:** Indicates the monitor's battery status.

- **Solar Charging Indicator:** Lights up when the monitor is charging via solar power.
- **Tire Position Icons:** Clearly shows which tire's data is being displayed.

### Alarm Modes:

The system will provide visual and voice alerts for the following conditions:



Image: A visual representation of the six alarm modes: Low Pressure Warning, High Temperature Warning, High Pressure Warning, Real-time Pressure Monitoring, Fast Leakage Warning, and Battery Display.

- Low Pressure Warning
- High Pressure Warning
- High Temperature Warning
- Rapid/Slow Leakage Warning
- Sensor Failure Warning
- Low Battery Warning

## 5. SETTINGS AND CUSTOMIZATION

You can customize various settings on your TPMS monitor, including pressure units, temperature units, and alarm thresholds.

### Setting the Pressure/Temperature Display Unit and Alarm Values:

Refer to the video below for a visual guide on how to set the pressure and temperature display units, as well as low and high pressure alarm values.

Your browser does not support the video tag.

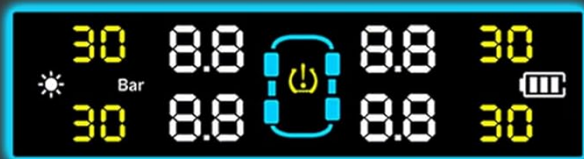
Video: This video demonstrates how to set the pressure display unit (PSI/BAR), temperature display unit (°C/°F), low-pressure alarm value, high-pressure alarm value, and configure the system for 4 tires on the LETOURWM TPMS monitor. The video shows pressing the 'SET' and '+' buttons to navigate and adjust settings.

1. **Enter Setting System:** Hold the "SET" button for 3 seconds. The Bar/PSI interface will flash.
2. **Navigate Settings:** Press the "SET" button to cycle through different settings (pressure unit, temperature unit, low pressure alarm, high pressure alarm, etc.).
3. **Adjust Value:** Use the "+" or "-" buttons to change the flashing value or unit.
4. **Save Setting:** Hold the "SET" button for 3 seconds to save the current setting and exit the setting mode.

### Customizing Individual Tire Pressure/Temperature Settings:

This section details how to adjust individual tire pressure and temperature alarm thresholds.

## How to customize the tire pressure/tire temperature setting?



1. We need to press and hold the M button for 3 seconds, you will see the Bar/psi interface start to flash, you can press the left and right keys to select the unit, indicating that it has entered the setting mode. Press M to switch to the next temperature unit, you don't need to set it, you can press M to jump to the next one.
2. When you see the number on the display is flashing you can press left and right to set it.
3. After determining what you want to set up press the M button, left and right buttons to choose to set the value we need, make sure to adjust to the value we need to press the M button to save the settings, and now you have finished setting up the tires. If there is a need you can press the M button again to select what you need to set, if not please skip directly to step 4
4. After setting all the values, you need to press and hold the M button for 3 seconds, this will save all the values you have set and then we are done with the settings.

## How to customize the tire pressure/tire temperature setting?



1. First of all, we need to restart the receiver, we also need to determine which wheel is not receiving data, we need to remove the receiver from the tire again.
2. We need to adjust the display to match mode by pressing the right button 8 times in a row.
3. If you see two bars blinking, you are setting up data for that tire.
4. Press the right button to select the tire you want to match until it switches to the tire that needs to be re-matched
5. Now you need to screw the sensors to the tire again and then you will see the data start to display!
6. Once the tire pressure data is displayed, press and hold the {M} button in the middle to save the data! Once you have completed these steps, you have refreshed the data and the receiver is the normal pairing state! If there is still no display, you need to unscrew the receiver again, wait for about 10 seconds, and then repeat steps 1-5 again!

Image: Detailed instructions on how to customize tire pressure and temperature settings. It explains using the 'M' button to enter settings, selecting tires, adjusting values with left/right keys, and saving changes.

1. **Enter Setting Mode:** Press and hold the 'M' button for 3 seconds. The Bar/PSI interface will flash, indicating entry into the setting mode. Use left/right keys to select the unit. Press 'M' to switch to the next temperature unit.
2. **Adjust Values:** When a number on the display is flashing, use the left and right keys to adjust it.
3. **Set Tire Values:** After determining what you want to set, press the 'M' button. Use left and right keys to choose the value. Press 'M' again to save.
4. **Save All Settings:** After setting all values, press and hold the 'M' button for 3 seconds to save all changes.

### Matching Sensors (if needed):

If a sensor is not displaying data or needs to be re-matched:

1. Restart the receiver.
2. Adjust the display to match mode by pressing the right button 8 times in a row.
3. If two bars are blinking, you are setting up data for that tire.
4. Press the right button to select the tire that needs to be re-matched.

5. Screw the sensor onto the tire. The data should then display.
6. Once tire pressure data is displayed, press and hold the 'M' button to save the data.
7. If there is still no display, unscrew the receiver, wait 10 seconds, and repeat steps 1-5.

## 6. SPECIFICATIONS

Feature	Detail
Manufacturer	LETOURWM
Model Number	4- Sensors
Item Weight	200 g
Product Dimensions	15 x 12 x 3 cm
Batteries	1 AA battery required (included)
Material	Plastic Metal
Measurement Accuracy	0.01
UPC	758077973962

## 7. TROUBLESHOOTING

If you encounter any issues with your LETOURWM TPMS, please refer to the following common troubleshooting tips:

- **No Display/Blank Screen:** Ensure the monitor is charged (via solar or USB-C). Check if the monitor automatically turns on when the vehicle starts.
- **No Tire Data:** Verify that sensors are correctly installed and tightened. If a specific sensor is not reporting, try re-matching it as described in the 'Matching Sensors' section. Ensure the vehicle is moving for a few minutes to activate sensors.
- **Inaccurate Readings:** Confirm that the correct pressure unit (PSI/BAR) is selected in the settings. Ensure sensors are securely attached and not leaking air.
- **Alarm Constantly On:** Check the tire pressure and temperature against the set alarm thresholds. Adjust thresholds if necessary, or inflate/deflate tires to recommended levels.
- **Weak Signal:** Ensure there are no major obstructions between the sensors and the monitor. For larger vehicles, signal repeaters might be necessary (not included).
- **Sensor Battery Low:** Replace sensor batteries if indicated. The external sensors typically have a battery life of up to 2 years.

For persistent issues, please contact customer support.

## 8. WARRANTY AND SUPPORT

The LETOURWM TPMS comes with a standard manufacturer's warranty. Please refer to the product packaging or the seller's information for specific warranty terms and duration.

For technical support, warranty claims, or any questions regarding your product, please contact the seller or manufacturer directly through the platform where you purchased the item.