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## Tymate TM2

# Tymate TM2 RV Tire Pressure Monitoring System

**MODEL: TM2**

**Brand: Tymate**

### Introduction

The Tymate TM2 RV Tire Pressure Monitoring System (TPMS) is designed to enhance driving safety by providing real-time tire pressure and temperature data. This system features a color LCD display, solar charging capabilities, and supports up to 10 sensors, making it ideal for various vehicles including RVs, trailers, trucks, and SUVs. It offers six distinct alarm modes to alert users to potential tire issues, ensuring peace of mind on the road.

### What's in the Box

- Monitor (1 pc)
- Pre-labeled & Paired Sensors (4 pcs)
- Replacing Battery Tool (1 pc)
- Double-coated Tape
- Anti-Slip Pad (1 pc)
- USB Cable (1 pc)
- Hex Wrench
- Spare O-Ring (4 pcs)
- Hex Nut (4 pcs)
- User Manual



Image: Tymate TM2 RV TPMS monitor and four external sensors.

Video: Product Unboxing and overview of included components.

## Setup

The Tymate TM2 system is designed for easy setup. All sensors are pre-labeled and paired with the monitor at the factory, eliminating the need for manual pairing before initial use. Simply turn on the monitor first, then install the sensors on your tires.

For detailed sensor pairing instructions or if you need to re-pair sensors, refer to the dedicated pairing guide video. The monitor can be placed on your dashboard using the provided anti-slip pad.

# Easy Installation

15 Mins Quick Installation



\* Accuracy within <math><2\text{psi}</math>

Image: Easy 15-minute installation process for the TPMS sensors.

Video: Guide on how to pair the M7-3 sensors with the Tymate monitor.

Video: Instructions for installing and removing the external tire pressure sensors.

## Operating Instructions

The Tymate TM2 provides real-time tire pressure and temperature readings on its vibrant color LCD display. The system supports a wide pressure range of 0 to 87 PSI and operates at 433.92MHz for robust signal transmission. It features automatic backlight adjustment for optimal visibility in various lighting conditions, including nighttime driving.

The monitor offers six distinct alarm modes: fast leak detection, high/low-pressure alerts, high-temperature warnings, and sensor low voltage/signal loss notifications. Upon pairing, the system automatically configures the current pressure as the reference point, allowing for easy setup of alarm thresholds (with an alarming range from +25% PSI to -15% PSI of Reference Pressure). The display can be manually or automatically switched between front vehicle and trailer tire information, supporting up to 10 tires.

# Multiple Monitoring Modes



Fast Leakage  
Warning



High Pressure  
Warning



Low Pressure  
Warning



High Temperature  
Warning



Real-time Pressure  
Monitoring



Battery Display



Image: Tymate TM2 monitor displaying multiple monitoring modes including fast leak, high/low pressure, high temperature, and real-time monitoring.

# BIG LCD SCREEN AUTOMATIC BACKLIGHT EASY TO READ UNDER ANY LIGHT ENVIRONMENT



Image: Tymate TM2 LCD screen with automatic backlight adjustment for day and night visibility.

## Maintenance

The external sensors are designed for low power consumption, operating for up to six months on a single CR1632 battery with a maximum lifespan of two years. To replace the sensor battery, use the provided tools to carefully open the sensor cover, replace the CR1632 Lithium battery (positive side facing up), ensure the sealing rubber is in good condition, and then screw the cover back on.

The monitor can be charged via its solar panel when exposed to sunlight or through its USB port when sunlight is unavailable.

# Dual Power Solutions

Enjoy uninterrupted tire monitoring with solar power and USB Type-C charging options



Image: Tymate TM2 monitor showing dual power solutions: solar charging and USB Type-C charging.

Video: Demonstrates how to replace the battery in the tire pressure sensors.

## Troubleshooting

- **Intermittent Data Display:** If data is displayed intermittently, try moving the display away from any potential interference sources. If the issue persists, a repeater (sold separately) may be needed, especially for longer trailers (total length  $\geq$  36ft).
- **Tire Blowout/Puncture:** The TPMS cannot prevent punctures caused by sharp objects or damaged tires, nor can it monitor instantaneous changes. It is designed to alert to pressure changes over time.
- **Tire Inspection:** Even with TPMS installed, regular comprehensive tire inspections are recommended at least monthly. Consult a tire technician to replace faulty tires promptly.

## Specifications

- **Manufacturer:** Tymate
- **Model:** TM2
- **Item Weight:** 10.2 ounces
- **Product Dimensions:** 4.13 x 3.54 x 2.95 inches
- **Country of Origin:** China
- **Batteries:** 1 Lithium Metal battery required (included)
- **Material:** Plastic
- **Pressure Range:** 0-87 PSI
- **Frequency:** 433.92MHz
- **Sensor Battery Life:** Up to 6 months (CR1632)
- **Sensor Waterproof Rating:** IP67

## Warranty & Support

For warranty information and customer support, please refer to the official Tymate website or contact their customer service directly. Each item includes a unique code for verification before shipping.