Flydew B0GVYMJFN4

Flydew 6-Wheel TPMS with 4-Inch LCD Display Instruction Manual

Model: B0GVYMJFN4

1. Introduction

The Flydew 6-Wheel Tire Pressure Monitoring System (TPMS) is designed to provide real-time tire pressure and temperature data for 6-wheel vehicles such as RVs, trailers, and heavy-duty trucks. This system features a 4-inch LCD display for clear visibility, 6 external sensors for accurate monitoring, and dual charging options (solar and Type-C) for continuous operation. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and safety.

2. Package Contents

Verify that all items listed below are included in your package:

- 1 x LCD Display Monitor
- 6 x External Sensors
- 6 x Valve Stem Caps (Hex Nuts)
- 1 x Type-C Charging Cable
- 1 x Wrench
- 1 x Double-sided Tape
- 1 x User Manual (this document)



Image: Contents of the Flydew 6-Wheel TPMS package. This image displays the LCD monitor, six external sensors, six hex nuts, a Type-C charging cable, a wrench, and double-sided tape, illustrating all components included in the box.

3. Product Features

- **4-Inch LCD Display:** A large, clear screen provides easy-to-read pressure and temperature data, ensuring visibility even in varying light conditions.



Image: Comparison of the 4-inch LCD display with a smaller, less clear display. The larger screen shows tire pressure and temperature readings for six tires, highlighting its enhanced readability.

- **Real-Time 6-Sensor Monitoring:** Six dedicated sensors track tire pressure and temperature with 0.1 BAR/2 PSI accuracy, sending data to the monitor in 0.3 seconds upon anomaly detection.
- **5 Monitoring Modes:** Provides comprehensive protection with alerts for real-time pressure, high pressure (9.8 BAR/142 PSI), low pressure (1.8 BAR/26 PSI), high temperature (over 92°C), and rapid leaks. Also includes low battery reminders for the monitor and sensors.



Image: Diagram illustrating the five monitoring modes: Rapid Leak, Low-Pressure Alert (1.8 BAR/26 PSI), Real-Time Pressure, Tire Temperature Monitor, and Low Battery. Each mode is represented by an icon and text.

- **Smart Energy-Saving & Dual Charging:** The monitor enters auto-sleep after 3 minutes of inactivity, and sensors switch to energy-saving mode (updates every 8 minutes when stable). Both instantly reactivate upon anomaly detection. Charges via solar power during the day and Type-C at night or on cloudy days.



Image: The TPMS monitor shown charging via its integrated solar panel during the day and through a Type-C cable at night, demonstrating its dual charging capabilities.

- **Auto-Sleep and Instant Wake-Up:** The monitor automatically enters standby after 3 minutes of inactivity to conserve power and wakes up instantly via engine vibration or touch.



Image: The TPMS monitor displaying its auto-sleep mode (screen off) and instant wake-up mode (screen on with readings), illustrating its power-saving functionality.

4. Setup Guide

Follow these steps to install your Flydew 6-Wheel TPMS:

1. **Power On Monitor:** Hold the power button on the monitor for 3 seconds to turn it on.
2. **Attach Hex Nuts:** Screw the provided hex nuts onto all six valve stems. Do not tighten them yet.
3. **Mount Sensors:** Mount the sensors onto the valve stems in the specified order: Left Front, Right Front, Middle Front, Middle Rear, Left Rear, Right Rear (LFRFMFMRLRRR). Ensure each sensor is on its corresponding tire.
4. **Lock Tight:** Using the provided wrench, tighten the hex nuts anticlockwise against the sensors to secure them and create an airtight seal.
5. **Soap Water Test:** Apply soapy water around the valve stem and sensor connection. Check for bubbles, which indicate a leak. If bubbles appear, re-tighten the sensor and hex nut until no leaks are present.



Image: A five-step visual guide demonstrating the installation process of the TPMS sensors, including powering on the monitor, attaching hex nuts, positioning sensors, locking them tight with a wrench, and performing a soap water leak test.

5. Operating Instructions

Once installed, the TPMS monitor will automatically display real-time tire pressure and temperature data. The system is

designed for continuous monitoring while driving.

- **Display Readings:** The 4-inch LCD screen shows the PSI (or BAR) and temperature (°C or °F) for each of the six tires, along with the current temperature inside the vehicle, solar charging status, and battery level.
- **Alerts:** In case of any detected anomaly (high/low pressure, high temperature, rapid leak, or low battery), the monitor will trigger an instant audible and visual alert. Address any alerts promptly.
- **Power Saving:** The monitor will enter auto-sleep mode after 3 minutes of no activity. It will automatically wake up when vibration is detected (e.g., when the vehicle starts moving) or by touching any button.



Image: The TPMS monitor displaying real-time tire pressure and temperature readings for six tires, along with indicators for solar charging, in-car temperature, and battery level, emphasizing its alert capabilities.

6. Charging the Monitor

The TPMS monitor supports dual charging methods to ensure continuous power:

- **Solar Charging:** The monitor features an integrated solar panel. Place the monitor on your dashboard where it can receive direct sunlight for passive charging during the day.
- **Type-C Charging:** For charging at night, on cloudy days, or when solar power is insufficient, use the provided Type-C USB cable to connect the monitor to a USB power source (e.g., car charger, power bank).



Image: The TPMS monitor shown charging via its integrated solar panel during the day and through a Type-C cable at night, demonstrating its dual charging capabilities.

7. Maintenance

To ensure the longevity and accuracy of your TPMS, follow these maintenance guidelines:

- **Clean the Monitor:** Wipe the monitor screen and body with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Sensor Care:** Periodically check the sensors for any physical damage or signs of corrosion. Ensure they remain tightly secured to the valve stems.
- **Battery Replacement (Sensors):** The external sensors have replaceable batteries. If a sensor's battery is low, the monitor will display an alert. Refer to the sensor's design for battery access and replacement instructions.
- **Storage:** If storing the vehicle for an extended period, ensure the monitor is fully charged. Store the system in a cool, dry place away from direct sunlight.

8. Troubleshooting

If you encounter issues with your TPMS, refer to the following common troubleshooting steps:

- **No Display/Monitor Not Turning On:**
  - Ensure the monitor is fully charged using the Type-C cable.
  - Press and hold the power button for 3-5 seconds.
- **No Sensor Data/Sensor Disconnection:**
  - Verify that the sensors are correctly installed and tightened on the valve stems.
  - Check if the sensor battery is low and replace if necessary.
  - Ensure the vehicle is within the operational range of the monitor.
  - Restart the monitor.
- **Inaccurate Readings:**
  - Confirm that the sensors are installed on the correct tires as per the setup guide.
  - Compare readings with a reliable manual tire gauge. If discrepancies persist, contact customer support.
- **Leak Detected After Installation:**
  - Perform the soap water test again to identify the exact source of the leak.
  - Ensure the hex nuts are tightened securely against the sensors.
  - Check the valve stem for damage.

9. Technical Specifications

Specification	Detail
Brand	Flydew
Model	B0GVYMJFN4
Display Size	4 inches LCD
Number of Sensors	6

Pressure Accuracy	±0.1 BAR / ±2 PSI
Temperature Accuracy	±3°C
Operating Temperature	Monitor: -20°C to 80°C; Sensors: -40°C to 105°C
Charging Method	Solar / Type-C USB
Material	Plastic
Monitor Dimensions (L x W x H)	2.36 x 1.97 x 0.59 inches (approx. 60 x 50 x 15 mm)
Sensor Dimensions (Diameter x Height)	0.9 x 0.8 inches (approx. 23 x 20 mm)
Item Weight	0.19 Kilograms



Image: A diagram illustrating the dimensions of the TPMS monitor (4.3in x 2.2in x 1.6in) and a single sensor (0.9in x 0.8in), along with labels for various display elements like tire pressure unit, tire temperature data, and battery level.

10. Warranty Information

This Flydew TPMS product comes with a**1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or improper installation.
Please retain your proof of purchase for warranty claims.

11. Customer Support

For any questions, technical assistance, or warranty claims, please contact Flydew customer support through the retailer's platform where you purchased the product. Provide your product model number (B0GVYMJFN4) and a detailed description of the issue to receive prompt assistance.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question