Jansite Jansite

Jansite TPMS Solar Wireless Tire Pressure Monitoring System (Model: Jansite) User Manual

Your guide to safe and efficient tire monitoring.

1. Introduction

The Jansite TPMS (Tire Pressure Monitoring System) is designed to enhance driving safety by providing real-time monitoring of your vehicle's tire pressure and temperature. This solar-powered wireless system includes a display unit and four external sensors, offering comprehensive alerts for various tire conditions. It is compatible with a wide range of vehicles including cars, SUVs, sedans, MPVs, and RVs.

Image: The Jansite TPMS display unit with a solar panel and four external tire pressure sensors labeled F.L (Front Left), F.R (Front Right), R.L (Rear Left), and R.R (Rear Right).

2. Package Contents

Please verify that all items are present in your package:

- 1 x TPMS Display Unit (Solar Powered)
- 4 x External Tire Pressure Sensors
- 4 x Anti-theft Nuts
- 1 x Spanner/Wrench for Sensor Installation
- 1 x USB Charging Cable
- 1 x User Manual (This Document)

3. Setup and Installation

3.1. Display Unit Placement

Place the TPMS display unit on your vehicle's dashboard in a location where it receives direct sunlight for optimal solar charging and does not obstruct your view of the road. Ensure it is stable and secure.

Image: The TPMS display unit positioned on a car dashboard, illustrating its compact size and clear display of tire data.

3.2. Sensor Installation

Follow these steps to install the external tire pressure sensors:

1. **Prepare the Valve:** Unscrew the original valve cap from the tire valve stem.
2. **Install Anti-theft Nut:** Screw an anti-theft hexagonal nut onto the valve stem. Do not tighten it yet.
3. **Install Sensor:** Screw the corresponding sensor (F.L for Front Left, F.R for Front Right, R.L for Rear Left, R.R for Rear Right) onto the valve stem until it is hand-tight.
4. **Secure Sensor:** Use the provided spanner/wrench to tighten the anti-theft nut against the sensor. This prevents unauthorized removal and ensures a secure fit.
5. **Check for Leaks:** After installation, apply soapy water around the valve stem and sensor connection. Observe for bubbles, which would indicate an air leak. If a leak is detected, re-tighten the sensor and nut.

Image: A visual guide demonstrating the sensor installation process: unscrewing the valve cap, screwing on the anti-theft nut, screwing on the sensor, tightening the nut with a wrench, and checking for air leaks with soapy water.

Important: Ensure the sensors are installed on the correct tire positions (Front Left, Front Right, Rear Left, Rear Right) as indicated on the sensors themselves to match the display unit's readings.

4. Operation

4.1. Power On/Off

The display unit features intelligent vibration sensing. It will automatically turn on when it detects vehicle movement (vibration) and turn off after a few minutes of no vibration to conserve power.

4.2. Charging the Display Unit

The display unit can be charged via two methods:

- **Solar Charging:** The integrated solar panel charges the unit when exposed to sunlight.
- **USB Charging:** For cloudy or rainy weather, or when solar charging is insufficient, use the provided USB cable to charge the unit via a USB power source.

Image: The TPMS display unit highlighting its solar panel for charging and a side view showing the USB charging port, indicating dual charging capabilities.

4.3. Real-time Monitoring Display

The LCD display shows real-time pressure and temperature for all four tires. Key indicators include:

- **Tire Pressure:** Displayed in Bar or PSI (user selectable).
- **Tire Temperature:** Displayed in °C or °F (user selectable).
- **Solar Charging Indicator:** Shows when the unit is actively charging via solar power.
- **Battery Level Indicator:** Displays the current battery status of the display unit.

Image: A close-up of the TPMS display unit showing detailed real-time information for each tire, including pressure, temperature, and system status indicators like solar charging and battery level.

4.4. Alarm Modes

The system provides six automatic alarm modes to alert you to potential tire issues:

- **Low Pressure Warning:** Alerts when tire pressure drops below a preset threshold.
- **Leakage Warning:** Detects rapid air loss from a tire.
- **High Pressure Warning:** Alerts when tire pressure exceeds a preset threshold.
- **High Temperature Warning:** Alerts when tire temperature exceeds a preset threshold.
- **Battery Low Power Warning:** Indicates that the display unit's battery is low.
- **Sensor Battery Low Warning:** Indicates that a sensor's battery is low.

Image: The TPMS display unit illustrating various alarm icons for low pressure, leakage, high pressure, high temperature, and low battery, emphasizing comprehensive safety monitoring.

5. Maintenance

5.1. Sensor Battery Replacement

The external sensors are powered by replaceable Lithium Ion coin cell batteries (commonly CR1632). When a "Sensor Battery Low" warning appears on the display, replace the battery:

1. Unscrew the sensor from the valve stem using the spanner/wrench.
2. Carefully open the sensor casing.
3. Remove the old battery and insert a new CR1632 battery, ensuring correct polarity.
4. Close the sensor casing securely and re-install the sensor on the tire valve, following the installation steps in Section 3.2.

5.2. Cleaning

Wipe the display unit and sensors with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the components.

6. Troubleshooting

Problem	Possible Cause	Solution
Display unit not turning on.	Low battery or no vibration detected.	Charge the display unit via solar or USB. Ensure the vehicle is moving for the vibration sensor to activate.
No tire data displayed or slow updates.	Sensor not paired, sensor battery dead, or signal interference.	Check sensor battery and replace if necessary. Ensure sensors are securely installed. Drive the vehicle for a few minutes to allow sensors to transmit data. If issues persist, refer to pairing instructions (if available in a more detailed manual) or contact support.
"Sensor Battery Low" warning.	Sensor battery is depleted.	Replace the battery in the indicated sensor (refer to Section 5.1).
Air leakage after sensor installation.	Sensor or anti-theft nut not tightened correctly.	Re-tighten the sensor and anti-theft nut using the provided wrench. Apply soapy water to confirm the leak is resolved.

7. Specifications

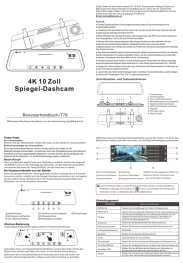
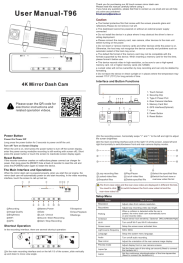
- **Brand:** Jansite
- **Model:** Jansite
- **Monitoring Range:** 0-62 PSI (approximate)
- **Power Source (Display):** Solar / USB Charging
- **Sensor Type:** External
- **Sensor Battery:** Replaceable Lithium Ion coin cell (e.g., CR1632)
- **Waterproof Rating (Sensors):** IPX7
- **Package Dimensions:** 5.59 x 5.51 x 2.05 inches
- **Compatibility:** Car, SUV, ORV, MPV, Minibus, Wagon

Image: Illustrates the IPX7 waterproof capability of the sensors and icons representing various compatible vehicle types, including cars, SUVs, and MPVs.

8. Warranty and Support

For warranty information, technical support, or any questions regarding your Jansite TPMS, please refer to the contact information provided with your purchase or visit the official Jansite website. Keep your purchase receipt as proof of purchase.

Related Documents - Jansite

	[Jansite T10 Android Navigation Installation Manual] A comprehensive installation manual for the Jansite T10 Android Navigation system, covering setup, basic operations, function configurations, troubleshooting, and related accessories.
	[Jansite S10 Android Navigation Installation Manual] Comprehensive installation and operation manual for the Jansite S10 Android Navigation system, covering setup, basic functions, advanced features, and troubleshooting.
	[4K 10 Zoll Spiegel-Dashcam Benutzerhandbuch T79] Umfassendes Benutzerhandbuch für die 4K 10-Zoll-Spiegel-Dashcam (Modell T79), das detaillierte Anleitungen zur Installation, Bedienung, Einstellungen, Fehlerbehebung und besonderen Funktionen bietet.
	[Manuale di Installazione e Uso Jansite T10 Android Navigation] Guida completa per l'installazione e l'uso del sistema di navigazione Android Jansite T10. Copre configurazione, funzioni, e risoluzione problemi per migliorare l'esperienza multimediale in auto.
	[Jansite T96 4K Mirror Dash Cam User Manual] Comprehensive user manual for the Jansite T96 4K Mirror Dash Cam, detailing installation, setup, features like G-Sensor, parking monitoring, Wi-Fi connectivity, and troubleshooting for optimal use.
	[Jansite T30 Stream Media Mirror Dash Cam User Manual] Comprehensive user manual for the Jansite T30 Stream Media Mirror Dash Cam, covering installation, settings, operation, and features like loop recording and parking surveillance.