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› Jansite H11 Wireless Solar TPMS Tire Pressure Monitoring System User Manual

Jansite H11

Jansite H11 Wireless Solar TPMS Tire Pressure Monitoring System User Manual

Model: H11 | Brand: Jansite

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Jansite H11 Wireless Solar Tire Pressure Monitoring System (TPMS). This system is designed to enhance driving safety by providing real-time tire pressure and temperature data, alerting you to potential issues.

The Jansite H11 TPMS features a 3.5-inch color display, supports 2-wheel and 4-wheel modes, offers precise pressure readings to 0.01 bar, and includes multiple alarm functions. It is equipped with external sensors and supports dual solar/Type-C charging.

PRODUCT OVERVIEW

The Jansite H11 TPMS is an advanced system designed for accurate and reliable tire monitoring. Key features include:

- **2-Wheel/4-Wheel Switchable Mode:** Compatible with both 2-wheel (e.g., trailers) and 4-wheel vehicles (e.g., cars, SUVs).
- **High Precision Sensors:** Provides tire pressure readings accurate to 0.01 bar (or 0.01 psi), ensuring precise data.
- **Large 3.5-inch Color Display:** Offers clear visibility of tire data with automatic brightness adjustment for various lighting conditions.
- **Dual Charging Options:** Integrated solar panel for continuous charging and a Type-C port for wired charging, ensuring uninterrupted operation.
- **Intelligent On/Off:** Features vibration detection to automatically turn on when the vehicle starts and enter sleep mode after 5 minutes of inactivity.
- **6 Alarm Modes:** Alerts for fast air leak, high pressure, low pressure, high temperature, sensor failure, and low battery.
- **Durable External Sensors:** Designed for reliability and ease of installation.

Jansite Upgraded High Accuracy TPMS

2-Wheel/4-Wheel Switchable



2 Wheels -Trailer Only



4 Wheels -Car Only

2 Modes Free Switching
& Suitable for More Cars

3.5" Large Screen & Accurate to 0.01 Bar



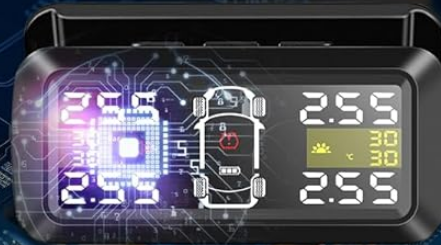
Accuracy Increased By 10%, Tire
Pressure Values Clearly Visible

Upgraded Type-C Port



Not Easy to Deform, More
Durable, Fast Charging

Durable Sensors



Built-in High Quality Chip for Faster
Response and Low Power Consumption

Figure 1: Overview of Jansite H11 TPMS features, including 2/4-wheel mode, 3.5-inch display, Type-C charging, and durable sensors.

SETUP AND INSTALLATION

Follow these steps to set up your Jansite H11 TPMS:

1. **Charge the Monitor:** Before first use, fully charge the monitor using the provided Type-C USB cable. The monitor also charges via its solar panel when exposed to sunlight.

Solar and USB (Type-C) Dual Charging Mode

Long battery life, no need to worry about power



Figure 2: The TPMS monitor supports both solar and Type-C USB charging for continuous power.

2. Mount the Monitor: Choose one of the two mounting options:

- **Windshield Mounted:** Attach the monitor to the windshield using the adhesive bracket. Ensure it does not obstruct your view.
- **Center Console Mounted:** Place the monitor on the center console using the adhesive base. The unique separate design allows for angle adjustment.

Note: The monitor can be detached from its support by sliding it upwards. Consider this when choosing a mounting location to allow for easy removal if needed.

Unique Separate Design & Angle Adjustable

Removable and Adjustable at Any Time



Two Mounting Options

Can be Mounted on Windshield or Center Console



Windshield mounted



Mounted on center console

Figure 3: The monitor offers flexible mounting options for windshield or center console placement.

3. Install External Sensors:

- Unscrew the original valve caps from your tires.
- Screw on the corresponding external sensors (marked FL, FR, RL, RR for Front Left, Front Right, Rear Left, Rear Right). Ensure they are tightened securely to prevent air leaks.
- The sensors are pre-paired at the factory. If re-pairing is needed, refer to the "Operating" section.

4. **Select 2-Wheel or 4-Wheel Mode:** The system supports switching between 2-wheel and 4-wheel modes. This setting is crucial for accurate monitoring, especially for trailers or specific vehicle configurations. Refer to the "Operating" section for instructions on how to switch modes.

Tire Pressure Value Accurate to 0.01, More Reliable and Safe



Supports 2/4-Wheel Mode Switching

Ours

Working Distance \leq 19.7 ft.
2/4 Wheel Switchable Display

Others

Small Working Distance
Only 4 Wheel Display

2 Wheels - Trailer Only

4 Wheels - Car Only

Only suitable for 4-wheeled vehicles

VS

Figure 4: The system supports flexible 2-wheel or 4-wheel mode switching for various vehicle types.

OPERATING INSTRUCTIONS

Once installed, the Jansite H11 TPMS operates largely automatically.

Automatic On/Off and Sleep Mode

- **Automatic Activation:** The monitor will automatically turn on and begin displaying tire data when it detects vehicle vibration (e.g., when you start driving).
- **Automatic Sleep Mode:** If no vibration is detected for 5 minutes (e.g., after parking), the monitor will automatically enter sleep mode to conserve power.

Intelligent On and Off

When using this function no need to manually switch off the monitor

Vibration Detection Function

Car start, feel the vibration automatically switch on, more convenient.



Automatic Sleep Mode

Automatically goes to sleep after 5 minutes of parking, save power.



Figure 5: The TPMS features intelligent on/off functionality based on vibration detection and automatic sleep mode.

Display Information

The 3.5-inch display shows real-time tire pressure and temperature for each tire. It also indicates battery status and alarm signs.

Real Time Monitoring of Tyre Pressure

6 Alarm Modes to Ensure Your Driving Safety at All Times

6 Alarm Modes



Faster air leak Alarm



High pressure alarm



Low pressure alarm



High temperature alarm



Sensor failure Alarms



Low battery alarm

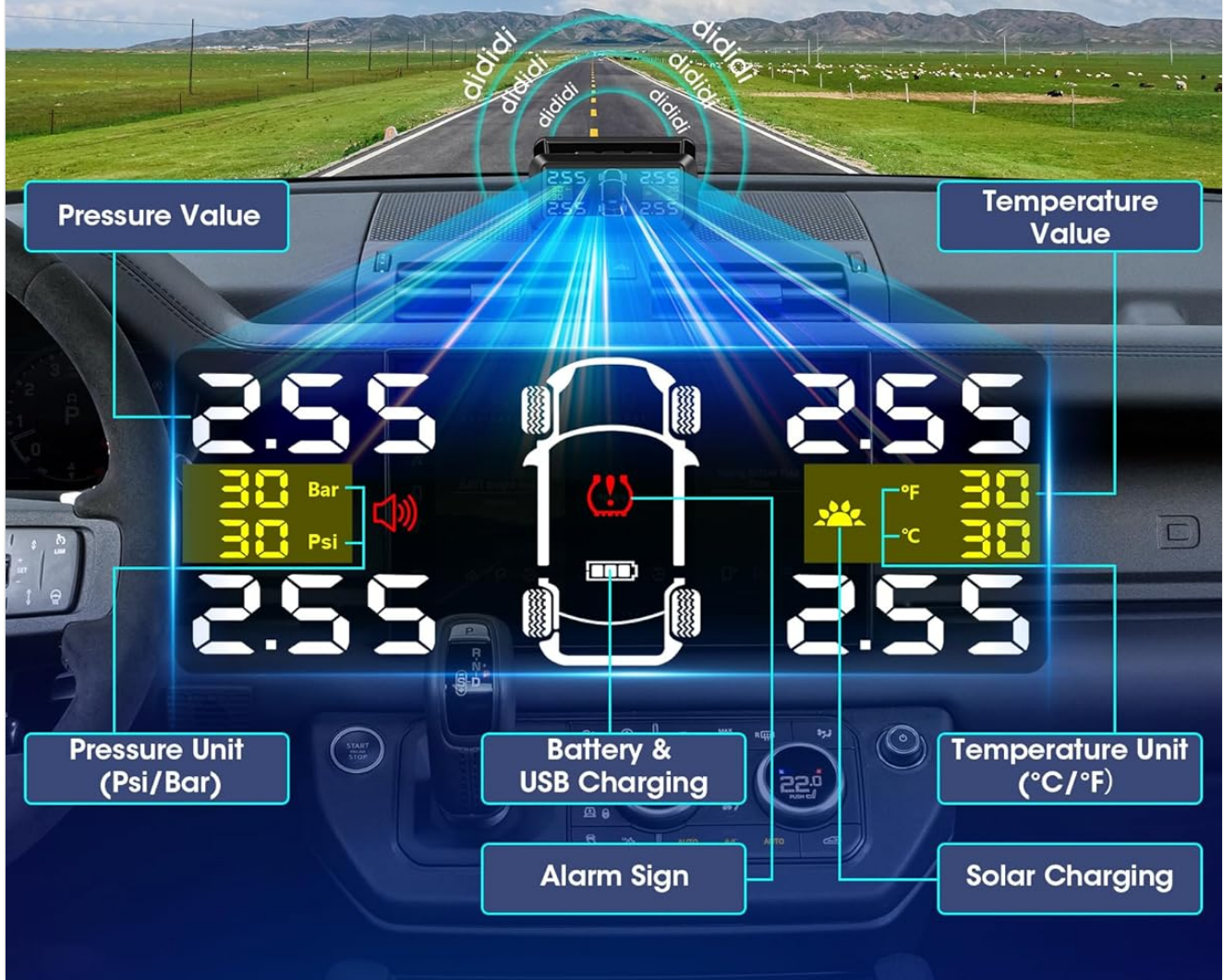


Figure 6: Detailed view of the TPMS display, highlighting pressure, temperature, units, and alarm indicators.

Alarm Functions

The system provides 6 types of alarms to ensure driving safety:

- **Fast Air Leak Alarm:** Alerts rapidly to sudden pressure drops.
- **High Pressure Alarm:** Warns if tire pressure exceeds the set high limit.
- **Low Pressure Alarm:** Warns if tire pressure falls below the set low limit.
- **High Temperature Alarm:** Alerts if tire temperature exceeds the safe limit.

- **Sensor Failure Alarm:** Indicates a malfunction or loss of signal from a sensor.
- **Low Battery Alarm:** Notifies when the monitor's internal battery is low.

Setting Alarm Values and Units

You can customize the high and low pressure alarm thresholds for front and rear wheels separately, and switch between pressure units (PSI/Bar) and temperature units (°F/°C).

- **Access Settings:** Typically, a long press on a specific button (refer to the device's physical buttons, usually 'M' or 'Set') will enter the settings menu.
- **Navigate Options:** Use the navigation buttons (e.g., left/right arrows or '+' / '-') to cycle through settings like pressure units, temperature units, and alarm thresholds.
- **Adjust Values:** Use the adjustment buttons to increase or decrease the desired values.
- **Save Settings:** Confirm your selections, usually by pressing the 'M' or 'Set' button again.

High and Low Pressure Can Be Set for Front and Rear Wheels Separately



Front tire high pressure alarm value setting



Front tire low pressure alarm value setting



Rear tire high pressure alarm value setting



Rear tire low pressure alarm value setting

Compatible with More Vehicle Models [0.20-6.00Bar]



Car



SUV



MPV



Mini Bus



Off-Road Vehicle



Pickup

Figure 7: Example of setting high and low pressure alarm values for front and rear tires.

MAINTENANCE

- **Monitor Charging:** Ensure the monitor receives sufficient sunlight for solar charging. If operating in low light conditions or at night, use the Type-C USB cable to charge the device.
- **Sensor Battery:** The external sensors have internal batteries. If a sensor low battery alarm occurs, the sensor may need replacement. Consult customer support for sensor replacement.
- **Cleaning:** Clean the monitor screen and sensors with a soft, dry cloth. Avoid using abrasive cleaners or

solvents.

- **Sensor Security:** Periodically check that the external sensors are securely tightened on the tire valves to prevent air leakage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Monitor does not turn on.	Low battery; no vibration detected.	Charge the monitor via Type-C USB. Start the vehicle and drive to activate vibration detection.
No tire data displayed / Sensor failure alarm.	Sensor not installed correctly; sensor battery low; sensor out of range (for 2-wheel mode with trailer).	Re-install sensor securely. Check sensor battery (if replaceable, or consider replacement). Ensure monitor is within effective range of sensors (especially for trailers, max 5.8m).
Inaccurate pressure readings.	Sensor not calibrated; incorrect unit setting.	Ensure sensors are correctly installed. Verify pressure unit (PSI/Bar) setting on the monitor. Compare with a reliable tire gauge.
Alarm sounds frequently.	Alarm thresholds set too narrow; actual tire pressure/temperature is outside normal range.	Adjust high/low pressure and temperature alarm thresholds to appropriate values for your vehicle. Check actual tire pressure and inflate/deflate as needed.
Vibration detection not working (monitor stays off).	System malfunction or sensitivity issue.	Ensure the monitor is fully charged. Try restarting the device if possible (refer to specific button combinations in the full manual if available). If issue persists, contact customer support.

SPECIFICATIONS

- **Model:** H11 (JM-TYH11-EU2)
- **Brand:** Jansite
- **Display Size:** 3.5 inches
- **Pressure Accuracy:** ± 0.01 bar (or ± 0.01 psi)
- **Pressure Range:** 21-87 psi (approximately 1.5 - 6.0 bar)
- **Charging:** Solar / USB Type-C
- **Operating Modes:** 2-wheel / 4-wheel switchable
- **Sensor Type:** External
- **Item Weight:** 220 g
- **Product Dimensions (Monitor):** 0.8 x 5 x 12 cm (L x W x H)

WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact Jansite customer service through your original point of purchase or visit the official Jansite website. Please have your product model (H11) and

purchase details ready when contacting support.

Note: The effective working distance for sensors, especially in 2-wheel mode with a trailer, is approximately 5.8 meters (19.7 ft). Exceeding this distance may lead to signal loss.