TIRE PRESSURE MONITORING SYSTEM

Instruction Manual

Introduction

Thank you for purchasing the External Tire Pressure Monitoring.

The manual will introduce how to correct use the product and provide detailed product information, including operation, precautions, and technical specifications. Please read this manual carefully before use.Hope the Tire Pressure Monitoring System will meet your needs and service you for a long time!

Items included in package:

1 receiver		USB Charging Cable
External sensor		Anti-theft lock 4PCS
x4PCS		Anti-skip mat
		Wrench
		Instruction Manual

About products

1. The Tire Pressure Monitoring System (TPMS) can monitor tire pressure and temperature in real time. It will transmit real-time voice alarms and flashing warning light to remind the driver of the vehicle's comfort and driving safety.

2. Simultaneously displays tire pressure and temperature.

3. Air leakage warning, low pressure warning, high pressure warning.

4. High temperature warning, low power warning, no signal warning.

Extensive application:

The system is widely applicable to 4-wheeled vehicles with a maximum tire pressure of less than 9 BAR, such as commercial vehicles, RVs, small trucks, compact cars, SUVs, etc.

Digital display:

The LCD display with bright backlight,data clearly,monitor the status of your vehicle easily and comfortably

Power supply:

It supports solar charging and USB charging, which means our TPMS device can be used in all weather conditions, making it very convenient.

4 sensors:

We offer 4 piece sensors, they are highly sensitive and accurate，can be used to measure pressure and temperature.

Product Technical Parameters
TPMS receiver

Battery: 400mAh
Working voltage: DC 5V
Radio transmission frequency: 433.92MHz
Pressure unit: psi / bar
Temperature unit: Deg.C / Deg.F.
Operating temperature: -20°C~85°C
Storage temperature: -40°C~85°C

External sensor

Working pressure: 0 - 6bar
Pressure precision: +/- 0.1BARi
Operating frequency: 433.92MHz
Working voltage: 3.2V
Water-resistance: IP67
Operating temperature: -40°C~125°C
Storage temperature: -40°C~125°C
Battery: CR1632 Button battery
Battery life: 1 - 2 years (replaceable battery)

Description of product appearance

Front view

 Screen window   Battery indicator

Top view

 Solar panel   Set button

Side view

                    Charging port

Host Setting Instructions①

1. Pressure units Switching

Long Push the middle button for 3 seconds to enter the settings menu. Short press the right button, "1" will be displayed in the top left corner. Can be switch the pressure units in this mode.

Short press the middle button to make the pressure unit flash. Press the left button to switch, then press the middle button to confirm. Long press the right button to exit setting mode.

2. Temperature unit Switching

Long Push the middle button for 3 seconds to enter the settings menu. Short press the right button, "2" will be displayed in the top left corner. Can be switch the temperature units in this mode.

Short press the middle button to make the temperature unit flash. Press the left button to switch,then press the middle button to confirm. Long press the right button to exit setting mode.

Host Setting Instructions②

4. Setting the low-pressure alarm value for the front tires

Long Push the middle button for 3 seconds to enter the settings menu. Short press the right button, "4PL" will be displayed in the top left corner. Can be set the low-pressure alarm value for the front tires in this mode.

Short press the middle button to make the pressure value flash. Press the left button to decrease, press the right button to increase, then press the middle button to confirm. Press the right button to exit setting mode.

5. Setting the high-pressure alarm value for the rear tires

Long Push the middle button for 3 seconds to enter the settings menu. Short press the right button, "5" will be displayed in the top left corner. Can be set the high-pressure alarm value for the rear tires in this mode.

Short press the middle button to make the pressure value flash. Press the left button to decrease, press the right button to increase, then press the middle button to confirm. Press the right button to exit setting mode.

3. Setting The high-pressure alarm value for the front tires

Long Push the middle button for 3 seconds to enter the settings menu. Short press the right button, "3PH" will be displayed in the top left corner.Can be set the high-pressure alarm value for the front tires in this mode.

Short press the middle button to make the pressure value flash. Press the left button to decrease, press the right button to increase, then press the middle button to confirm. Long press the right button to exit setting mode.

6. Setting the low-pressure alarm value for the rear tires

Long Push the middle button for 3 seconds to enter the settings menu. Short press the right button, "6" will be displayed in the top left corner. Can be set the high-pressure alarm value for the rear tires in this mode.

Short press the middle button to make the pressure value flash. Press the left button to decrease, press the right button to increase, then press the middle button to confirm. Press the right button to exit setting mode.

Host Setting Instructions③

7. Setting the Temperature alarm value

Long Push the middle button for 3 seconds to enter the settings menu. Short press the right button, "7" will be displayed in the top left corner.Can be set the temperature alarm valu in this mode.

Short press the middle button to make temperature valve flash. Press the left button to decrease, press the right button to increase, then press the middle button to confirm. Long press the right button to exit setting mode.

8. Pairing mode

Long Push the middle button for 3 seconds to enter the settings menu. Short press the right button, "8" will be displayed in the top left corner.Pairing in this mode.

Sensor Installation Procedure

①Screw out the valve cap;
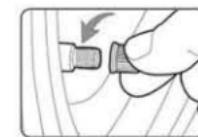
②Screw in the hexagonal nut;

③Rotate to the tyre valve according to the position marking on the sensor nut
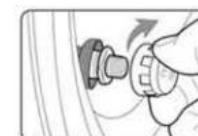
④Reverse the rotation with a nut spanner until the sensor is fixed

⑤Check for air leaks with soapy water;

1. Short press the middle button twice to enter the pairing mode.press the left front,right front,right rear,left rear to pair,press the middle button to confirm after 4 pairs are matched successfully.Long press the right button to exit setting mode.

2. Short press the middle button once to make the below numbers flash. Press the left and right buttons to select the tire position what you wanted to pairs. Press the middle button to confirm after paired succussfully. Long press the right button to exit setting mode.

9. Reset to factory settings

Long Push the middle button for 3 seconds to enter the settings menu. Short press the right button, "9" will be displayed in the top left corner.Can be restore the factory settings in this mode.

Short press the middle button to display NO/YES below. Press the left and right buttons to switch between,then press the middle button to confirm.

Product Warranty Card

Customer name: _____

Contact No.: _____

Contact address: _____

Product name: _____

Product model: _____

Purchase date: _____

Invoice number: _____

Certificate of conformity

Product name: _____ Production date: _____

The product has been tested to meet the required quality standards, permitted to leave the factory.

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FC

CE

IATF 16949

FCC Caution.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the

instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction..