

## Motorcycle tire pressure monitoring system

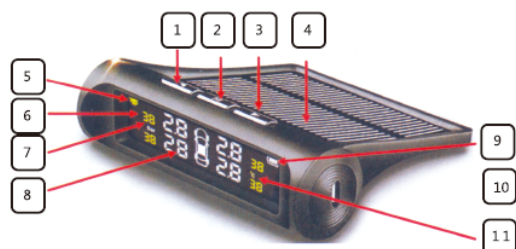
# User's Manual

### 1、Product Overview

Thank you for purchasing our tire pressure monitoring system Tire Pressure Monitoring System (TPMS). This system is designed to provide you with more protection when driving, and it will warn the tire condition in advance. After installing TPMS, the system can monitor the tire pressure and temperature in real time. If any abnormal tire pressure and temperature are detected, the system will send a warning sound and a bright flashing icon to inform the driver in real time. Real-time reminders and problem solving can prevent traffic accidents and ensure the safety of drivers and passengers.

### 2、Introduction to the receiving host

#### 1、Interface/display description



- |               |                |                       |                  |
|---------------|----------------|-----------------------|------------------|
| 1. Power      | 2. SET         | 3. Right button       | 4. Solar energy  |
| 5. Solar icon | 6. Temperature | 7. Tire pressure unit | 8. Tire pressure |
| 9. battery    | 10. USB        | 11. Temperature unit  |                  |

#### 2、button function description

USB charging port / receiver charging interface

Left button / left to switch menu (in standby mode, short press to adjust brightness, long press on and off)

Menu button/confirm button (standby mode, long press to enter menu mode, select the parameter to be adjusted, short press once to confirm) Right button/right to switch menu (in standby mode, short press to adjust brightness)

### 3、Installation instructions

Before external installation, first press and hold the left button of the host, turn on the power of the host, and then install the tamper ring into the valve nozzle, then install the sensor on the valve according to the position and tighten it, and then screw the tamper ring back and tighten it. If there is no pressure displayed in the corresponding position on the host, reinstall the sensor again.

Before the built-in installation, first press and hold the left button of the main unit to turn on the main unit's power, then install the sensor into the tire according to the position, replace the original car valve, and inflate the tires sequentially after installation. The air must be filled when the main unit is turned on.

Put the adhesive on the bottom of the main unit and put it in a suitable position on the left side of the center console. The product does not require any settings, and does not need to be turned on or off manually.

### 4、function settings (non-professionals, it is not recommended to change)

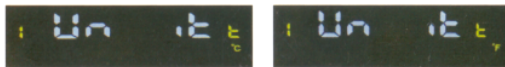
The user can set the parameters according to their own vehicle conditions or actual needs. If the settings are not modified, the system defaults to the factory state; press and hold the "menu button" for 3 seconds to enter the system setting state. If there is no operation within 30 seconds, the system will automatically exit to the main interface state, and the settings without confirmation cannot be saved. (No matter which parameter is set, long press the "menu key" after the setting is completed to return to the main interface).

#### 1. Unit setting (factory default is Bar, °C)

In the standby mode, press and hold the "Menu button" for 3 seconds to enter the system setting state, the Bar icon appears in the lower left corner, press the "Menu button" to enter the operable setting state, and select the Psi or bar unit through the "Left and Right Buttons", and select the desired After the unit is identified, press the "menu button" to complete the setting.



In the standby mode, long press the "menu button" for 3 seconds to enter the system setting state, press the "right button" once to enter the temperature unit setting, press the "menu button" to enter the operable setting state, and select the °C or °F unit through the "left and right buttons", After selecting the desired unit logo, press the "menu key" to complete the setting.



#### 2、Change the upper and lower limits of tire pressure

In the standby mode, long press the "menu button" for 3 seconds to enter the system setting state, press the "right button" 3 times to enter the upper limit of air pressure setting, short press the "menu button" once, the air pressure number flashes, and you can set it with the "left and right buttons" The highest upper limit air pressure, after the setting is completed, long press the "menu button" to exit

In the standby mode, long press the "menu button" for 3 seconds to enter the system setting state, press the "right button" 4 times to enter the lower limit setting of the air pressure, short press the "menu button" once, the air pressure number flashes, set the lower limit parameter of the air pressure through the "left and right buttons" Value, after setting, long press "menu key" to exit



### 3、Change the upper and lower temperature limits

In the standby mode, long press the "menu button" for 3 seconds to enter the system setting state, press the "right button" 4 times to enter the tire temperature upper limit setting, short press the "menu button" once, and the tire temperature number will flash. At this time, you can press the "left and right keys" "Set the highest upper limit tire temperature, after the setting is completed, long press the "menu button" to exit.

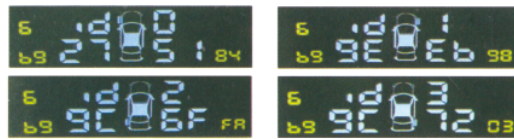


### 4. Single replacement sensor

To replace the sensor, first remove the sensor that needs to be replaced, and install the new built-in sensor first.

In the standby mode, long press the "menu key" for 3 seconds to enter the system setting state, press the "right button" 5 times to enter the pairing selection mode, press the "menu key" once, at this time the 0 number on the interface jumps, the default is the front left. When the wheel is paired, press the left and right keys to select the position of the sensor to be replaced, 0 means front left, 1 means front right, 2 means rear left, 3 means rear right. After selecting the position that needs to be replaced, press the "menu button" to make the following. The number flashes. At this time, install the sensor on the tire to see if there is any change in the number. After there is a change, long press the "menu button" to exit.

- If it is a built-in sensor, inflate and deflate the tire when the number below flashes.
- During this pairing process, any sensor can be matched to any position



### 5. Restore factory settings (re-pairing)

In the power-on state, press and hold the middle button for 3 seconds to enter the settings, press the left button again to enter item 7, and press the middle button twice to reset the machine and restore the factory settings. At this time, the sensor will be searched again. To update the sensor, install the new sensor on the valve in order, or drive the car to a speed of 30 kilometers or more after resetting. After driving for about 10-30 minutes, the host will automatically search for sensor signals and wait for 4 sensors. When all found, the pairing is completed.

After restoring the factory settings, the previously manually set data will be restored to the factory settings.



### 5. tire pressure factory parameters

The temperature is 68 degrees, the upper limit of the air pressure is 3.2 bar, and the lower limit of the air pressure is 1.8 bar

#### Attached1、 Installation instructions

External sensor installation



a. Screw in the anti-theft nut first



b. tighten the sensor



c. Screw the anti-theft nut counterclockwise against the sensor



d. Tighten the sensor and tighten the anti-theft nut counterclockwise with a wrench

#### Attached 2、 replace the battery

When replacing the battery of the sensor, please disassemble one by one, install the shell, do not mix or disassemble and install at the same time; (Button CR1632, working temperature requirement -30℃ ~80℃);

1. Before disassembling the sensor, please prepare a nut wrench, turn the nut clockwise to separate the nut and the sensor, and then remove the sensor counterclockwise;
2. Use a wrench to unscrew the upper cover of the sensor in a counterclockwise direction;
3. Take out the old battery from the battery holder and do a good job of environmental protection classification;
4. Distinguish the positive and negative positions (positive "+" facing upwards); install a new lithium battery CR1632;

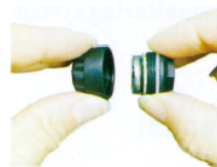
5. Screw on the upper cover of the sensor, and then use a wrench to tighten it clockwise



Open the outer cover with a wrench



Remove the original battery and install a new battery



Close the upper cover and tighten with a wrench

## 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

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment for mobile/fix condition. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.