

Motorcycle Tire Pressure Monitoring System

User Manual

Important Note: Before use, always power on the main unit first, then install the sensors. The diagrams in this manual are for reference only; please refer to the actual product.

I. Installation and Usage Guide:

1. Press and hold the "Lower Button" power key for 3 seconds to turn on.



Upper Button
Lower Button (Press and hold for 3 seconds to power on/off)

2. Install the anti-theft nut: (as shown in Fig. a)



(Fig. a) Clockwise screw the anti-theft nut to the bottom of the tire valve.

3. Install the sensor: (as shown in Fig. b)



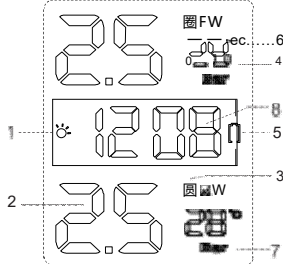
(Fig. b) Quickly tighten the sensor clockwise. Air leakage during installation is normal and will stop once the sensor is fully tightened.



(Fig. c) Use the wrench tool to tighten the anti-theft nut counterclockwise to secure the sensor

II. Display Screen Diagram:

A. Display Features/Interface



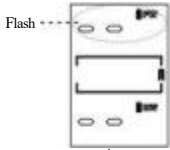
1. Solar charging
2. Tire pressure value
3. Tire position
4. Tire temperature value
5. Battery level
6. Temperature unit
7. Pressure unit
8. Clock

B. Button Functions:

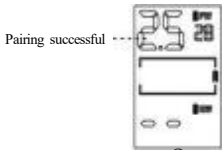
- ☐ Magnetic charging
- Upper button (When powered on, press and hold to enter settings interface)
- Lower button (In standby mode, press and hold to power on)

III. Sensor and Display Pairing:

1. Enter Pairing Mode: Press the "Down" button 8 times continuously. After a beep, enter the pairing mode, and the front wheel flashes. The display interface is as shown in the figure below.



1

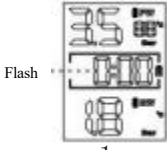


2

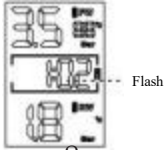
2. Wheel Position Matching: After entering the pairing mode, press the "Lower" button once to select the wheel to be paired. Screw the sensor to be paired onto the corresponding air nozzle. After the signal is received by the the display, "- -" will change to the tire pressure value, indicating successful wheel position pairing. After both wheel positions are paired, long and hold the "Up" button to save and exit.

IV. Clock Adjustment:

1. Enter Clock Adjustment Mode: Press and hold the "Lower " button for 3 seconds. After a beep, enter the clock adjustment mode, and the hour value flashes. The display interface is as shown in the figure below.



1



2

2. Clock Adjustment: After entering the clock adjustment mode, press the "Lower" button once to cycle through the hour values. Press the "Upper" button once to switch to adjusting the minute value. Press the "Lower" button once to cycle through the minute values. After adjusting the time, long press the "Up" button to save and exit.

V. Tire Pressure Parameters:

Component		External Sensor	Display Unit
Item			
Operating Frequency		433.9200MHz±0. 1MHz	
Operating Voltage		3V	3.7V
Operating Current		Static: 1μA	Static: ≤50μA
		Operating current: ≤15mA	Operating current: ≤15mA
Operating Environment	Temperature	-20°C to +80°C	-40 °C to +70 °C
	Monitoring Range	-30 °C to +99 °C	
Monitoring Range	Pressure	0Bar to +6Bar	
	Accuracy	±2°C	
Accuracy	Pressure	±0. 1bar	

VI. Tire Pressure Parameters:

When replacing the sensor battery, please disassemble and reassemble the housing one at a time.

Do not mix or disassemble multiple units simultaneously; this effectively prevents sensors from being incorrectly installed in the wrong tire position.

(Button cell CR1632, operating temperature requirement: -20°C~70°C); users can purchase from product retailers.

1. Before removing the sensor, prepare the nut wrench, rotate the nut clockwise to separate it from the sensor, then unscrew the sensor counterclockwise.
2. Use the wrench to unscrew the sensor top cover housing in a counterclockwise direction.
3. Remove the old battery from the battery clip and dispose of it properly in accordance with environmental regulations.
4. Note the positive and negative pole positions (positive "+" side facing up); install the new CR1632 battery.
5. Screw on the sensor top cover, then tighten it in a clockwise direction with the wrench.



a. Select sensor



b. Unscrew top cover with wrench



c. Insert new battery and screw top cover back, then install on valve

FCC Statement

user' s authority to operate the equipment.

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

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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

- 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.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device

Warning:

The nominal battery voltage.(Battery Type:CR1632, Voltage:3V)

Call a local poison control center for treatment information.

Do not force discharge, recharge, disassemble, heat above (70° C) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.

Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.

Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

Packaging Marking – Warning: Contains coin battery

