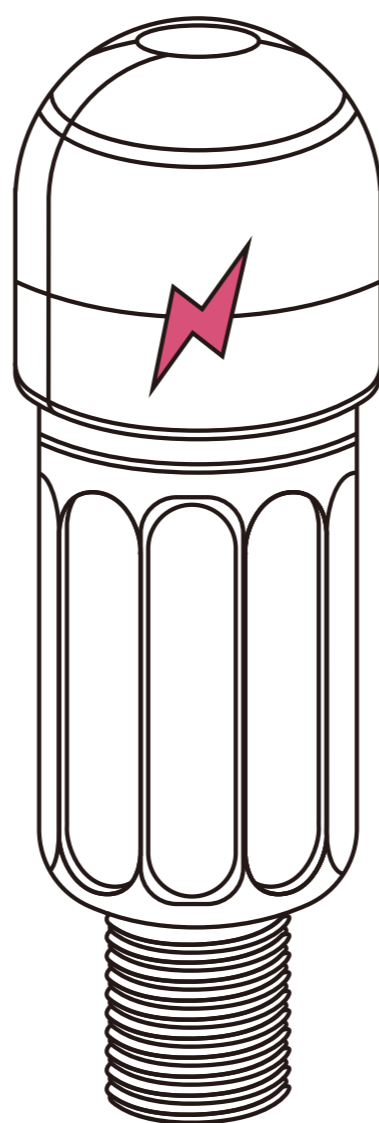




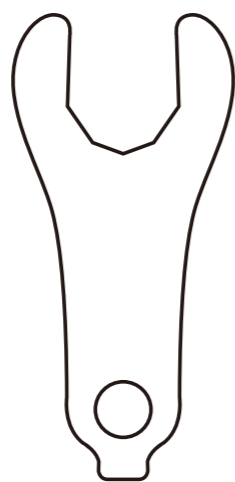
User Manual



TPMS T1

Tire pressure monitoring system

A. Confirm Accessories



Wrench



Device Main Unit



Button Battery

B. Install Tireo APP and Bind the Device

1. Install Tireo APP

1.1. For Android Systems:

Download and install the APP via the following methods:

Scan the QR code with a browser to download and install.

Search for “Tireo” in major app stores to download and install.

Search for “Tireo” on Google Play to download and install



1.2. For iOS Systems: Search for “Tireo” in the Apple Store to download and install.

2. Bind the Device in Tireo APP

2.1. Open the APP; it automatically detects your device’s Bluetooth status.

If Bluetooth is off, a pop-up appears—click Allow to enable it.

2.2. After entering the interface, click the settings  in the upper right corner.

2.3. Ensure the main body of the valve cap is in the **battery-uninstalled state**.

2.4. Click  蓝牙 to enter the front wheel binding interface.

2.5. **Immediately (10s valid only)**: Insert the battery in parallel into the reserved slot on the mainboard, **positive terminal up**.



2.6. The APP will automatically connect after scanning the device.

2.7. Upon successful connection, the APP automatically jumps to the main interface and displays front wheel data.

2.8. Now, you can tighten the cap of the valve cap main body and then screw it into the front wheel of the bicycle.

2.9. Bind rear wheel valve cap: Follow Steps 2.1–2.8

3.Unbind the Device from Tireo APP

- 3.1. Enter the main interface and click the settings .
- 3.2. Enter settings, click , select front/rear wheel to unbind, click Confirm.
- 3.3. Unbinding is completed.

C. Install Garmin Cycling Computer Software and Bind Device

1.Supported Garmin Cycling Computer Models

Edge® Explore2 Edge® 840 / Edge® 840 Dual Power Edge® 830
 Edge® 540 / Edge® 540 Dual Power Edge® 530 Edge® 1050
 Edge® 1040 Edge® 1030 Plus / Edge® 1030, Bontrager,

2.Install the Cycling Computer Software

- 2.1. Computer setup: Download Garmin Express from Garmin's official site.
 Connect device to computer via USB/data cable.
- 2.2. Open Garmin Express—system auto-searches for device. Click Add Device.
- 2.3. Log in; cycling computer added successfully.
- 2.4. Select corresponding model to enter installation interface.

2.5. Select "IQ Applications" .


2.6. In lower right, select "Get More Applications" .

2.7. Select apps to install TireoFront, TireoRear , click Download.

2.8. Confirm device on pop-up after clicking "Download".

2.9. Return to homepage; 2 apps indicate successful installation.

3.Bind Device to Garmin Cycling Computer

- 3.1. Turn off phone Bluetooth, ensure APP is disconnected.
- 3.2. Manually remove battery from valve cap device.
- 3.3. Enter cycling interface; select Road Cycling  公路骑行.
- 3.4. Click Confirm—cycling computer interface appears. Hold Confirm to enter edit interface.
- 3.5. Press +/- to select tire pressure display position. Press Confirm twice to enter category interface (varies by model).

3.6. Scroll down, find "Connect IQ" , click to finish data bar editing.

前轮胎压

3.7. Click Confirm to enter Connect IQ; select Front Tire Pressure
Short-press Confirm in front tire pressure interface.

3.8. Press Back to return to tire pressure display interface.

3.9. Insert battery into front wheel valve cap — interface **tsTPMS将使用开放连接**

appears on first binding. Press Confirm. (Success: **前轮 0 PSI** shows in upper left.)

3.10. Connect rear wheel device: Follow Steps 1–9.

4.Unbind Device from Cycling Computer

配置与字段
6 数据栏

4.1. Short-press Confirm (no long press). Find “Configuration & Fields”
click Confirm (varies by model).

4.2. Find “Connect IQ Data” **Connect IQ 数据**, click Confirm.

4.3. Enter unbinding page, select front/rear wheel, click Confirm to unbind.

4.4. “Unbound Successfully” indicates completion; return to tire pressure display.

4.5. Unbind rear wheel: Follow Steps 1–4.

D. Precautions

1. Initial APP Connection Failure

APP search is valid for 10 seconds. If connection fails: Re-remove battery, wait 20s, pull down to refresh, then reinsert battery.

2.APP-Device Disconnection

First, ensure phone Bluetooth is on. If still disconnected:

2.1. Screw device to valve; ride $\geq 10\text{Km/h}$ for $\geq 20\text{s}$ to reconnect.

2.2. Remove battery, wait 20s, reinsert—APP connects.

2.3. If disconnected from background/App exit: Enable APP background permission in phone settings.

3.No Simultaneous Connection

Device doesn't support cycling computer + APP connection.

Connect to cycling computer: Turn off phone Bluetooth ; Connect to APP: Turn off cycling computer.

4. Post-Initial Connection Failure (Garmin)

4.1. Screw device to valve; ride $\geq 10\text{Km/h}$ for $\geq 20\text{s}$ to reconnect.

4.2. Remove battery, wait 20s, reinsert—cycling computer connects.


5. No Cross-Binding After Unbinding

E.g.: Front wheel = Device A, Rear wheel = Device B. After unbinding, don't bind B to front/ A to rear—may cause connection failure or no pressure display.

6. Edge 1050 Notes

6.1. Binding: Click Cycling . Long-press touchscreen at pressure display.

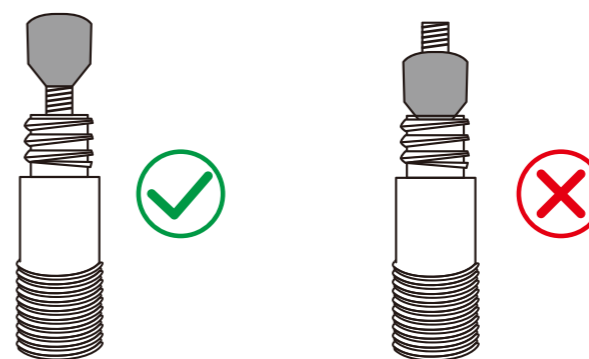
When  appears, click pencil  to enter category page. Follow binding steps above.

6.2. Unbinding: Swipe down from screen top, select  to enter control page. Follow unbinding steps above.

7. Only supports bicycle Presta Valves; Schrader Valves not supported.

8. No Pressure Reading After Connection

Screw valve cap nut fully tight (see figure).



9. Software Download Tutorial



E. Equipment parameters

Operating Voltage	2.5V~3.3V	Output power	-20~+4dBm
Operating Current	≤5mA (Transmit Mode)	Operating Temperatur	-20~80°C
Battery	CR1O25 30mAh	Overall Dimension	Ø13.5*31.5mm
Weight	6.1g	Tire Pressure Range	0~150PSI/0~10.3Bar
Tire Pressure Accuracy	±1.5PSI/0.1Bar	Waterproof Rating	IPX9