

# CHIMEI T13 TPMS Solar Tire Pressure Monitoring System



## CHEMEI T13 TPMS Solar Tire Pressure Monitoring System Instruction Manual

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# CHIMEI

CHEMEI T13 TPMS Solar Tire Pressure Monitoring System



## Specifications

- **Class:** Digital device, Class B
- **Compliance:** FCC Rules, Part 15
- **Radio Frequency Energy:** Yes
- **Operating Environment:** Residential
- **Radiation Exposure Limits:** FCC-compliant
- **Minimum Distance:** 20cm between radiator and body

## FAQs

- **Q: What should I do if I experience radio or TV interference?**
  - **A:** If interference occurs, try reorienting the antenna, increasing the distance between devices, or consulting a technician.
- **Q: Can I modify the device?**
  - **A:** Any changes not approved by the manufacturer could void your authority to operate the equipment.
- **Q: What are the FCC compliance conditions for operation?**
  - **A:** The device must not cause harmful interference and must accept any received interference.





## PRODUCT USING INSTRUCTIONS

### Operating instructions

**Important:** Always turn on the main unit before installing the sensor. The schematic diagram of this manual is for reference only, specific to the physical shall prevail

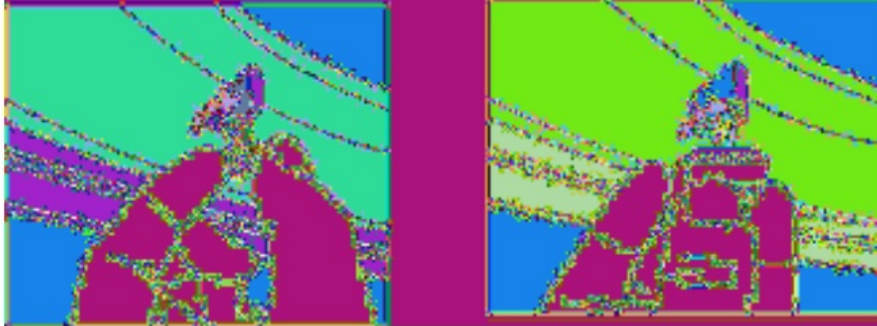
## Use the installation tutorial::

1. Long press the “◀” on/off button for 3 seconds to turn on the computer.

- Press and hold for 3 seconds to turn on/off    

2. Installation of anti-theft nut: (as shown in Figure a)

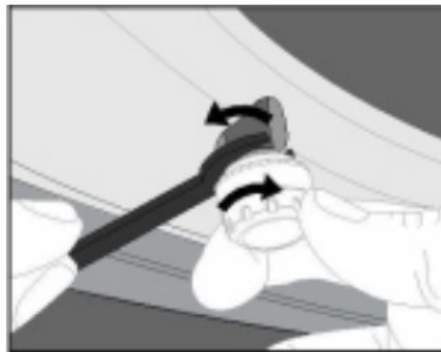
3. Installation of sensor: (as shown in Figure b)



(Fig. a) Clockwise travel the security nut to the very bottom of the tire valve.

(Fig. b) Tighten the sensor quickly clockwise, it is normal to have air leakage in the middle of the process, and there will be no air leakage after tightening the sensor.

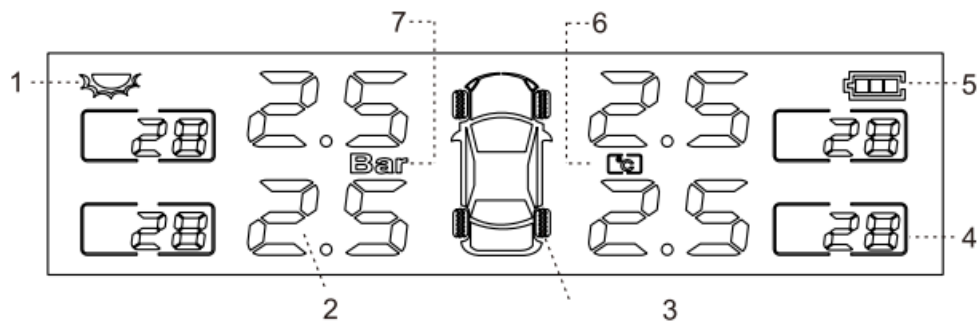
4. Lock the anti-theft nut (as shown in Figure C)



- (Fig. c) Lock the sensor by tightening the anti-theft nut counter-clockwise with a tool wrench





Schematic diagram of the display:

### • A. Display Description/Interface



1. Solar Charging
2. Tire pressure value
3. Tire position
4. Tire temperature value
5. Battery power
6. Temperature units
7. Pressure units

• **B. Description of key functions::**

-  USB charging port/receiver charging port
-  Left button/switch menu to the left (in standby mode, long press to switch on/off)
-  Menu key/confirmation key (standby mode, long press to enter the menu mode, select the parameters to be adjusted, short press 1 time to confirm)
-  Right button/switch menu to the right

• **C. temperature exceeds the set alarm value, which will give the alarm broadcast. Press "M" to stop the broadcast.**

- **Sleep mode:** After the car is turned off, the display screen will automatically turn off within three minutes. When the car is started, the display screen will automatically

**Tire pressure parameters:**

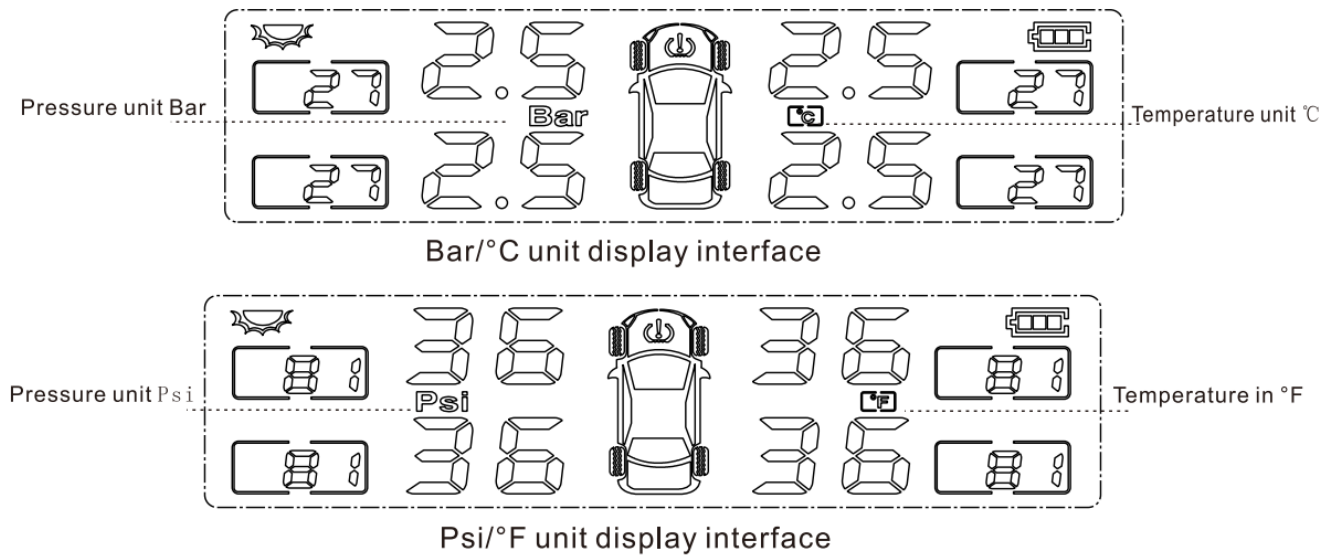
character radical		External Sensors	Built-in sensors	monitor (computer)
sports event				
operating frequency		433. 9200MHz±0. 1MHz		
operating voltage		3V	3V	3. 7V
Operating Current		Static ≤ 1uA	Static ≤ 1uA	Static ≤ 50uA
		Operating current ≤ 15mA	Operating current ≤ 15mA	Operating current ≤ 5mA
environment working	temp	-4°F ~ 176°F	-40°F ~ 248°F	-40°F ~ 158°F
Monitoring Scope	temp	-22°F ~ 199°F		
	pneumatic	0Psi~+73Psi/0Psi~+99Psi(two versions, consult dealer for details)		
accurate	temp	±3°F		
	pneumatic	±2Psi		

**Switching units:**

- **a.** Press and hold the "▶" key for 6 seconds to switch the pressure and temperature unit automatically.



- **b.** Automatic switching of pressure and temperature unit display interface



### Replacement of batteries:

When the sensors are connected to the battery, remove/install the shells one by one, do not miss or remove/install at the same time; it can effectively avoid the sensors being installed in other tire positions due to misplaced shells. (Battery CR1632, working humidity requirement -20°C ~70°C);

1. Please prepare a nut wrench before disassembling the sensor, rotate the nut clockwise to separate the nut from the sensor, and then remove the sensor counterclockwise.
2. Use a wrench to unscrew the sensor top cover housing counterclockwise;
3. Remove the old batteries from the battery clamps and do a good job of environmental protection classification and disposal;
4. Distinguish between positive and negative positions (positive "+" facing up); install a new lithium battery CR1632;
5. Screw on the upper cover of the sensor shell, and then use a wrench to tighten the clockwise direction can be



a. Select the sensor;

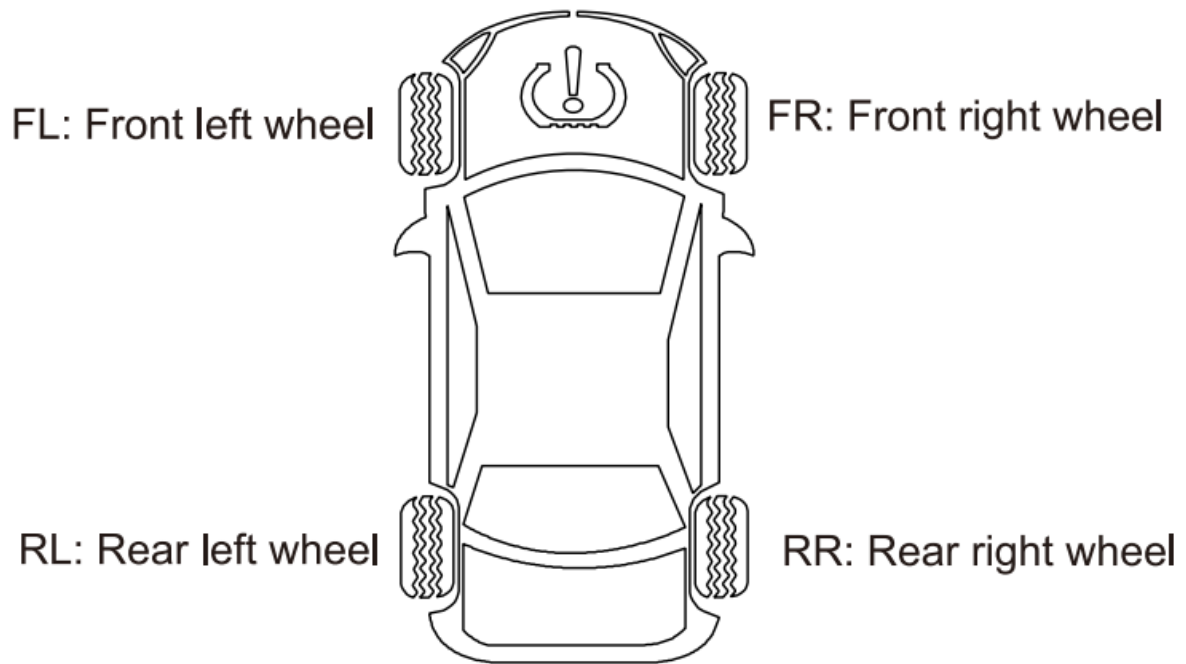


b. Unscrew the top cover with a wrench;



c. Put in a new battery, screw the top cover and install it to the air nozzle (the battery has words facing up)

Please install the sensor in the correct position.



## FCC

### FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, under 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 by 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 the receiver.
- Connect the equipment to 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.

**Caution:** Any changes or modifications to this device not explicitly approved by the manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules.

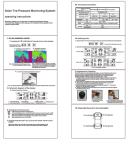
### Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

### RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

## Documents / Resources



[CHEMEI T13 TPMS Solar Tire Pressure Monitoring System](#) [pdf] Instruction Manual  
T13 TPMS, T13 TPMS Solar Tire Pressure Monitoring System, Solar Tire Pressure Monitoring System, Tire Pressure Monitoring System, Pressure Monitoring System, Monitoring System, System

## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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