Scan QR code and
Download App

iOS7.0 and above
iPhone 4s / 5 / 5c / 5s / 6 / 6s / 6plus

Android 4.3 and above
魅族/ 三星Note4 / 小米Note / 华为Mate7

47656025001

Tire pressure monitoring system

Instruction Manual

I . App download and installation / use

A. System Requirement
The tire pressure monitoring system supports both Android 4.3 system and above or iOS7.0 and above, Bluetooth 4.0 and above;
B. Downloading App
One: Enter the keyword “Smart TPMS” or “BLE-TPMS”in theAppStore or Android Market to download free App software "Bluetooth Tire Pressure Monitoring System"
Two: Scan the QR code on the back of Instruction Manual or color page to download and install the App.
*Please ensure Bluetooth to be turned on normally after the installation of App
*Currently App can be installed in smart phones and smart rearview mirrors. Etc.
C. First use
1. How to bind a device?
<1> Turn on the App, it will ask you whether to turn on the Bluetooth, turn on Bluetooth following the steps, and main interface as shown in figure (1) will be displayed.
<2> Open App main interface and click , and then open to bind new devices,″manual matching" and "automatic matching" as shown in Figure (2) are available
a. Manual matching: open manual binding interface and set up corresponding sensors at the locations as shown in figure (3). For example: "the front left ” option corresponds to front left sensor, click "the front left” option and set up front left sensor (each sensor has independent ID code, see the specifications page) following the steps. Set up sensors of the resting three tires by the same method, the location which completes setup will display the ID of each sensor
b. Automatic matching: open the automatic binding interface as shown in figure (4), and click on the unbound tire rate and automatic scanning box, the countdown box will pop up, and then install battery to device, the device will emit signals. Push the battery into the half-power position slowly and then push it to the appropriate position when the matching succeeds. Do not push the battery rapidly, or the matching will fail.
<3> Return to the main interface after binding devices, the App will scan automatically, so that the device will obtain corresponding tire data as shown in figure (5). When App scans data is scanned onto the four sensors, voice "Tire pressure and temperature is normal, Enjoy your driving” will be heard.If the matching is abnormal, the alarm will be triggered and voice report will be heard.

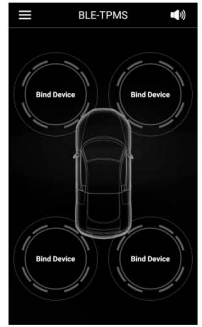


figure (1)

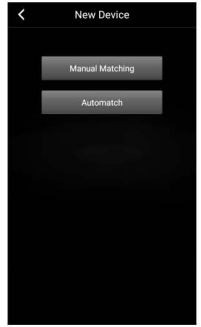


figure (2)

figure (3)

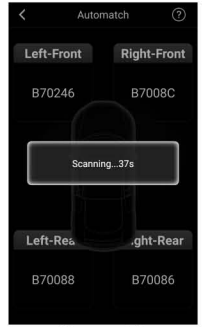


figure (4)

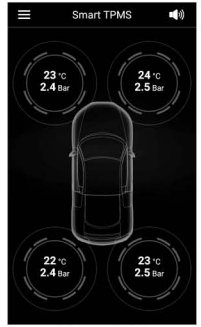


figure (5)

Note: The App interface is subject to update from time to time,Please refer to the instruction of App.

Ⅱ. App setting

Open the main interface and click on the top left corner "☰" to open "Settings" to set up sensor system
Set up interface as shown in the figure (6), please set up and use system according to actual situations.
Auto Start: The APP will be automatically started when the phone is turned on
Voice Alarm: Mobile phone will trigger alarm if the safety values of sensor setting are exceeded.
Pressure-Unit : Bar, Psi, kPa
Pressure-Range: Please refer to the card attached to the side of driver's seat, default setting values: the upper limit 1.8Bar and the lower limit 3.0Bar.
Temp-Unit: ℃, ℉
Temp-Range: Please refer to the card attached to the side of driver's seat, default setting values: 65 ℃.
Restore Default Settings:A key to restore default settings.

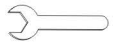
figure (6)

Ⅲ. Sensor specification parameters

A. Components of external sensor

Sensor X 4

Anti-damper ring X 4


Wrench X 1

Tool used for replacing battery X 1

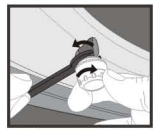
Standby waterproof ring X 4

B. Installation of external sensor

Ⓐ First screw anti-thief nut

Ⓑ Tighten sensor

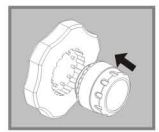
Ⓒ Screw anti-thief nut by anticlockwise to fix sensor

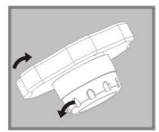

Ⓓ Tighten anti-thief nut by wrench with reverse

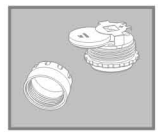
* Please safekeeping installation tool (wrench for anti-thief nut),In case of need to remove and install sensors

Please replace battery(CR1632, working temperature:-30℃ ~ 85℃) of external sensor in time when heard voice prompt "low power of * tire" and icon of (!) is flashing.**
This battery can be bought from local distributor.

Ⓐ Remove sensor


Ⓑ Place sensor into special wrench

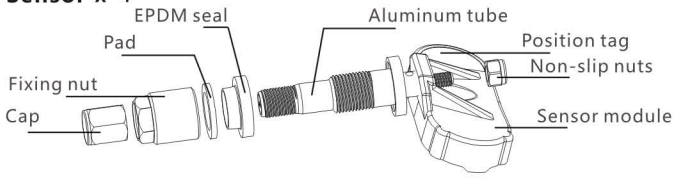

Ⓒ Open external sensor


Ⓓ Replace CR1632 battery

* Remind: Ensure waterproof rubber is in good condition, if there is any damage, please replace new one, when replace battery of external sensor.

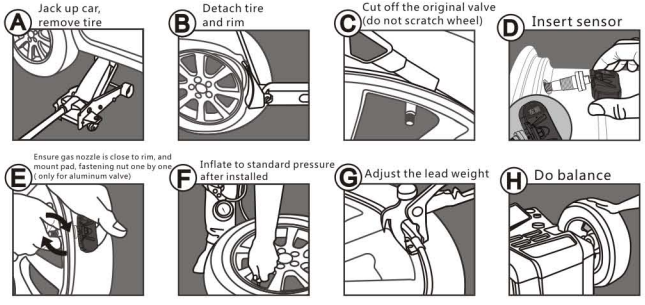
A,Components of internal sensor

- **Sensor** x 4



- **Wheel sticker** x 4

B、Picture of installation sensors



Processor: 8 bits MOU/S08	Core: ARMM0
Working voltage: 3V	Sleep current: 2.4uA
Working current: 540uA	Bluetooth working frequency: 2.4GHz
Bluetooth transmission power:-0.97dBmMAX	Response time: ≤6s
Display mode: App mode	Waterproof degree: IP67
Working humidity: 95%MAX	Tire pressure range: 100- 900kpa
Accuracy of tire pressure: ±10 kPa	Accuracy of tire pressure: ±3℃
Working temperature: -30℃ to+80℃ (External sensor)	Working temperature: -40℃ to+125℃ (Internal sensor)
Storage temperature: -30℃to+85℃ (External sensor)	Storage temperature: -40℃to+125℃ (Internal sensor)
Battery capacity:140mAh(External sensor)	Battery capacity:345mAh(Internal sensor)
Battery life: 400days (External sensor, calculated based on 4 hours of driving a day)	Battery life: 1200days (Internal sensor, calculated based on 4 hours of driving a day)
Weight: 8g±1g(External sensor)	Weight: ≤30g (16g of air nozzle not included) (Internal sensor)

ID code of sensor:

F.L _____ F.R _____

R.L _____ R.R _____

*** Please note the difference between internal and external sensors parameters and use**

Ⅳ. Common problems and feedback

1 When the App is installed and new ID code is input, no value is displayed on driving interface
A: TPMS sensor sends data only when the driving speed exceeds 20 km per hour, or the vehicle is started after 11 minutes of parking, or instantaneous tire pressure difference reaches 0.3Bar, it maintains low frequency of data transmission to save energy under normal circumstance.

2 When the App is installed and sensor serial number is set up, and the vehicle is started,but no value is displayed
A: Please restart the phone App and confirm whether the Bluetooth is turned on, data will be received within two minutes under normal circumstance.

3 App interface indicates abnormal condition of tire, but no voice prompt is heard.
A: please confirm whether the voice prompt function of App is turned on, or check whether the mobile phone is to be silent mode or the sound volume is set to the minimum.

4 Excessive tire pressure difference found in first installation
A: After the first installation, air pressure of tire has not been completely passed to the tire pressure sensor, tire pressure will be displayed when the air is distributed evenly in the tire after the vehicle drives for 5-10min. The situation only happens in first installation.

Ⅴ.Warranty clause

Warranty is 1 year counted from buying date (not include periodically consumable part). if the product failure under normal operation, We will provide free replacement or repair during the period of warranty. We reserves the right to change new products or other equivalent product.

Exception to warranty :

1,Don't follow user manual to operate product

2,Product damaged because of accident,neglect,abuse,misuse

3,Repair without authorization

4,Damaged due to transportation

5,Other damage not because of design,technical,manufacturing and quality problem

All failure products should be sent to us or our authorized repair center, attached with detail description of defect and show original purchase invoice. Warranty card is effective only in purchased country.

This warranty is restricted to above conditions, We will not responsible for the damage related to our products (like tire explosion). This warranty provides you specific legal rights, but may also varied different rights for other countries.

<table>
<tr><td colspan="2">Customer name</td><td colspan="2"></td><td>Telephone</td><td></td></tr>
<tr><td colspan="2">Address</td><td colspan="4"></td></tr>
<tr><td colspan="2">Shop name</td><td colspan="4"></td></tr>
<tr><td colspan="2">Model</td><td colspan="2">□ Internal □ External</td><td>Item</td><td></td></tr>
<tr><td rowspan="2">Warranty</td><td rowspan="2"></td><td>One year</td><td colspan="3" rowspan="2">(Signature by shop)</td></tr>
<tr><td>Two years</td></tr>
<tr><td colspan="6">The date of purchase _____</td></tr>
</table>

FCC Statement

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

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

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.