Malide MLD-B06 Car TPMS Bluetooth Mobile Phone APP Tire Temperature Pressure Monitoring System User Manual

Contents

Malide

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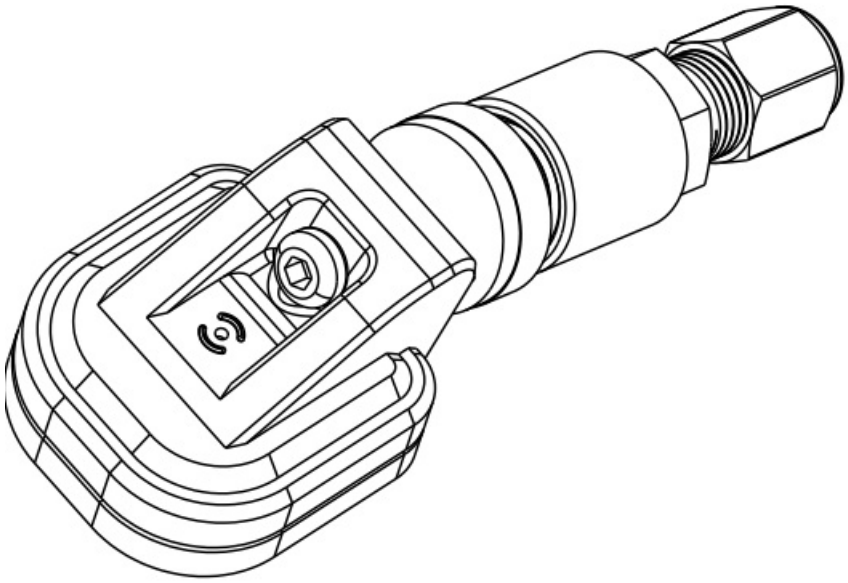


Product Introduction

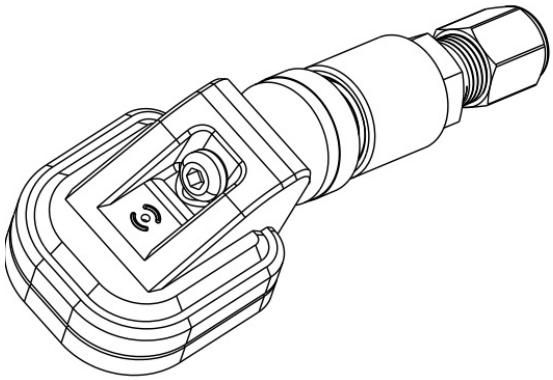
Malide BLE Tire Pressure Monitoring System (hereinafter referred to as Malide TPMS) can monitor the pressure and temperature of a car's tire, and the value can be correctly displayed through App. If the abnormalities occur on the tire's pressure and temperature, the App will send the alarm to you through the voice and warning icon.

Precautions

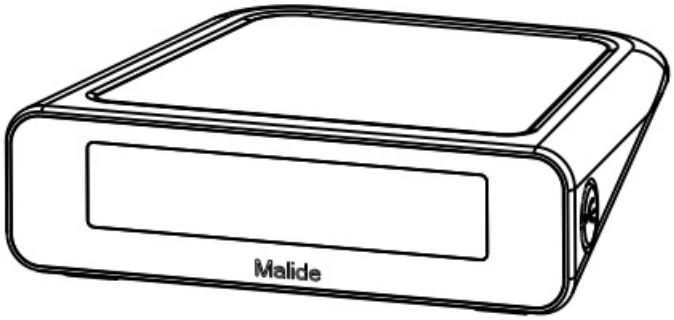
1. Users should match the sensor and APP before driving, please do not match during the driving to avoid unnecessary property losses and personal injuries, otherwise, you will undertake all the responsibilities and risks.
2. This product performs wireless signal transmission. If the environment of wireless communication is special, the installation method is incorrect or there are other special reasons, the wireless signal may interfere and the signal will be reduced or lost.
3. If the temperature and pressure of the tire display abnormally, please drive your car to the repair shop which it is closer to you for inspection and repair to avoid an accident.
4. When indicating that the battery is too low, please replace the battery or the sensor in time to avoid the abnormal operation of tire pressure detection system due to low battery.
5. If the sensor is not used properly due to the use of a gas-filled puncture sealant or other external human factors, or the accident occurs, the company will not bear any responsibility.

List of Accessories

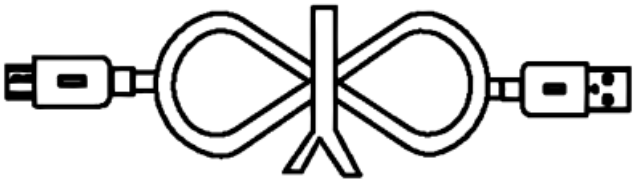
1. Sensor ×4



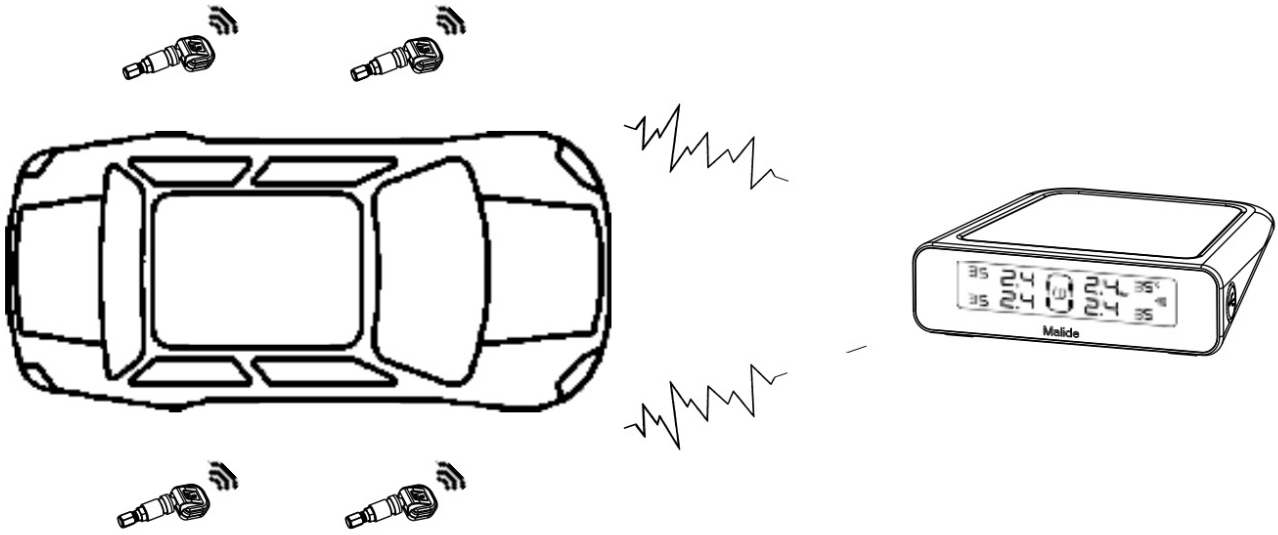
2. Solar Voice Display×1



3. Charging Cable×1



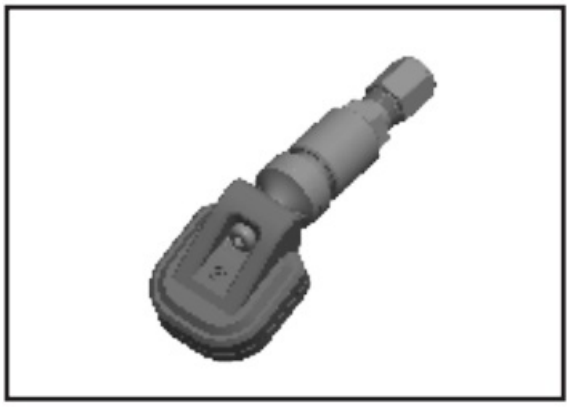
4. Instruction for Installation on the Car

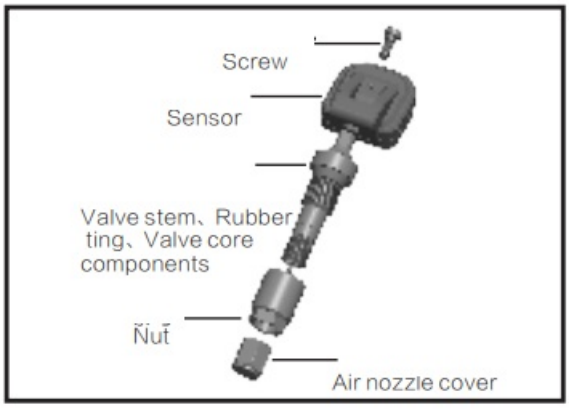


When the product leaves the factory, the sensors and ID codes of four tires have been configured (each sensor has an independent ID code), just need to install the sensor to the corresponding positions of tires and use it. You need to match the App with sensors first when you want to watch the data(See the “Matching Procedures for Sensors” for the matching method).

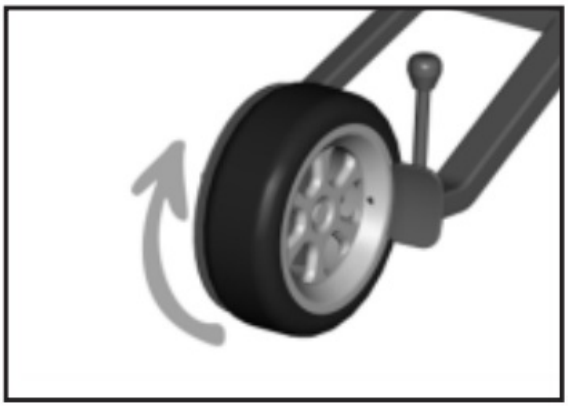
Procedures of Installation

1. Outer image of built-in sensor

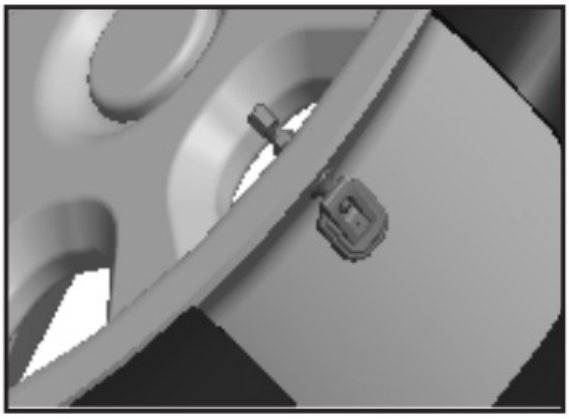




2. Decomposition diagram of built-in sensor
3. Loosen the tire



4. Remove the tire from car wheel
5. Remove the originalc tire nozzle with pliers

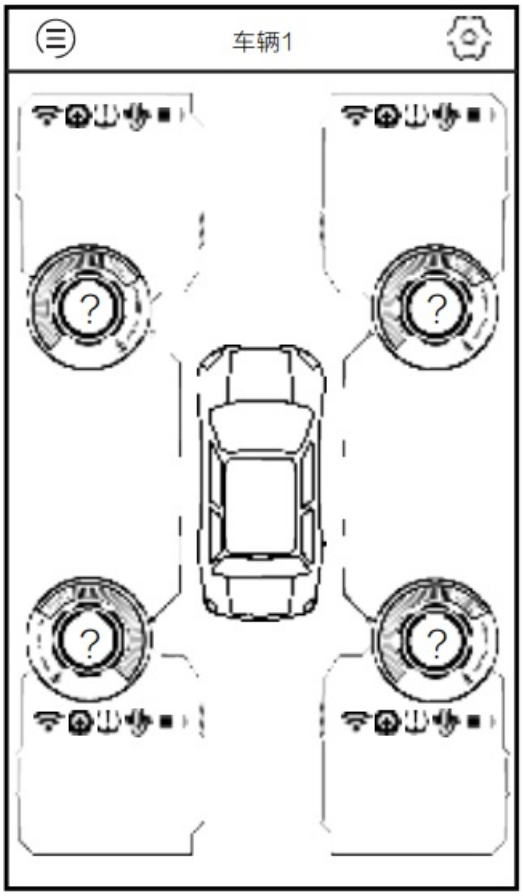


6. Place the valve rod into the valve hole, tighten the nut with a socket wrench of 4N*m, and tighten the screw with 3 N*m.
7. Installing tires

8. Re-inflating the tires

Matching Procedures for Sensors

1. Click the symbol in the upper right corner of the main interface of Figure A to enter the system setting interface, as shown in Figure B.



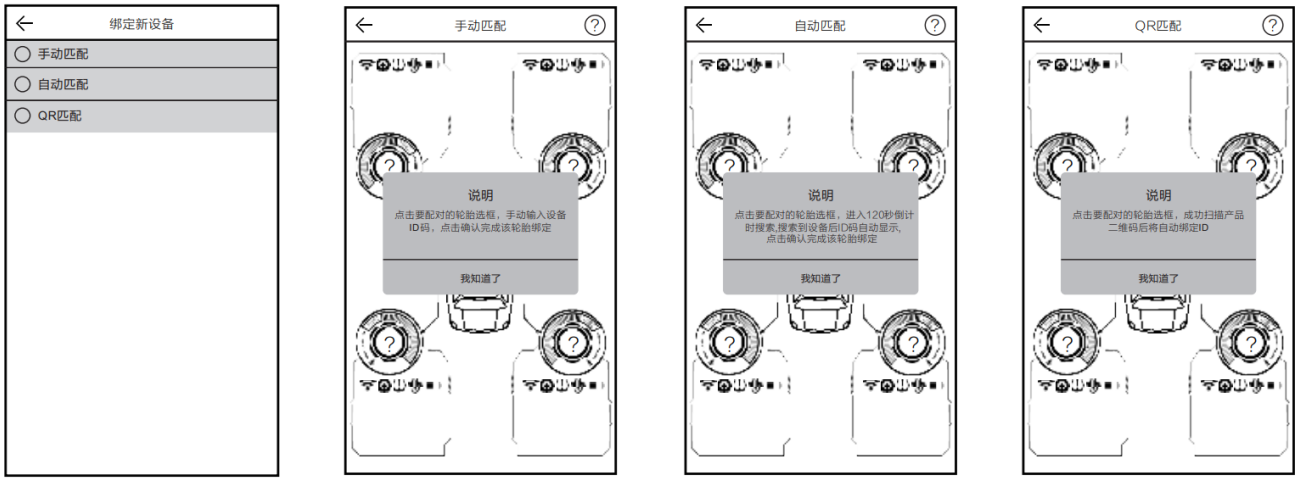
A

B

2. Click “Binding new device” to enter the interface shown in Figure C.
3. Manual matching: Click the tire selection box to be matched, input the ID engraved on the sensor and click to complete the matching.
4. QR matching: Click the tire selection box to enter the scanning code state, scan the QR code on the sensor shell. As soon as the scanning is completed, the matching will be completed.

   Note: When the sensor is paired with the phone, the phone does not receive the data.The data needs to be

received through the binding of the mobile phone and the solar voice display.



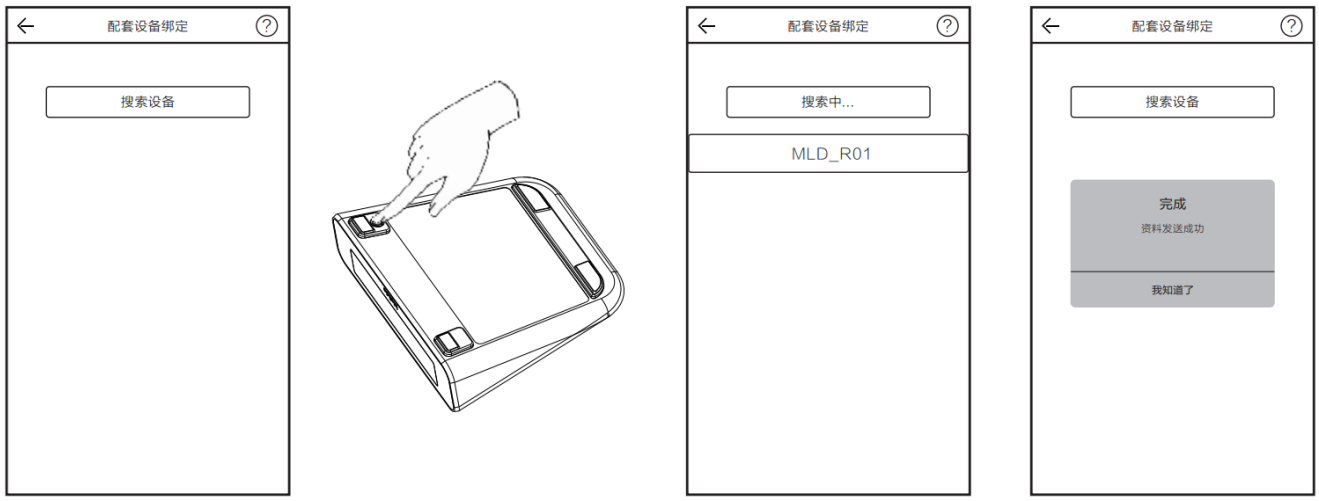
C D E F

Binding of Solar Voice Display

1. After binding the ID codes of all the tires, click the upper right corner of the main interface to set the symbol to enter interface A.

A

2. After entering the interface of Figure B, click on “Supporting Device Binding”.
3. After entering the interface of Figure C, click on “Searching for Device” to find the solar voice display.
4. Shortly press the button to turn on the solar voice display, then press the button for 5 seconds until the token “ ”on the display screen flickers. Then the solar voice display enters the matching mode.
5. When the “MLD_R01” key in Figure D appears, click this button to bind.
6. When the “Binding Successful” voice is heard and the prompt box in Figure E appears, the solar voice display is bound, and finally click “I Know” to exit the prompt box.



B C D E

Instruction of Solar Voice Display

1. Button Description

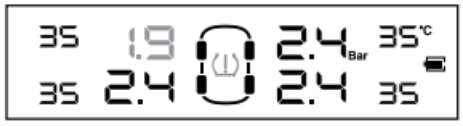
   Turn on: Short press button“ ”

   Turn off: Press the button “ ” for about a second

   Enter pairing mode: Press the button “ ”for about five seconds and wait for “ ” in the display to flicker.

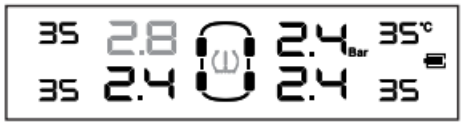
2. Function Description of Display

   - **Low-Pressure Alarm**

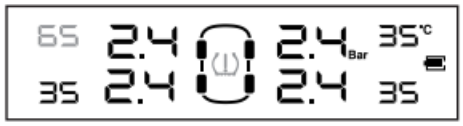
     When tire pressure is below 1.9 Bar, the voice alarm “left front (left rear / rightfront /right rear) tire pressure is too low” will be played, and the TPMS data corresponding to the display screen will flicker.

   - High Pressure Alarm

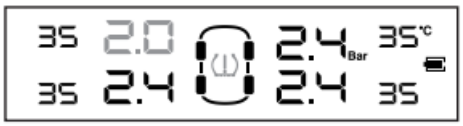
     When tire pressure is higher than 2.8 Bar, the voice alarm “left front (left rear / right front / right rear) tire pressure is too high” will be played, and the TPMS data corresponding to the display screen will flicker.

   - **High-Temperature Alarm**

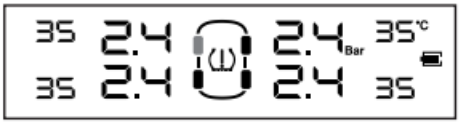
     When tire temperature is higher than 65℃, the voice alarm “left front (left rear /right front / right rear) tire temperature is too high” will be played, and the TPMS data corresponding to the display screen will flicker.

   - **Fast Leak Alarm**

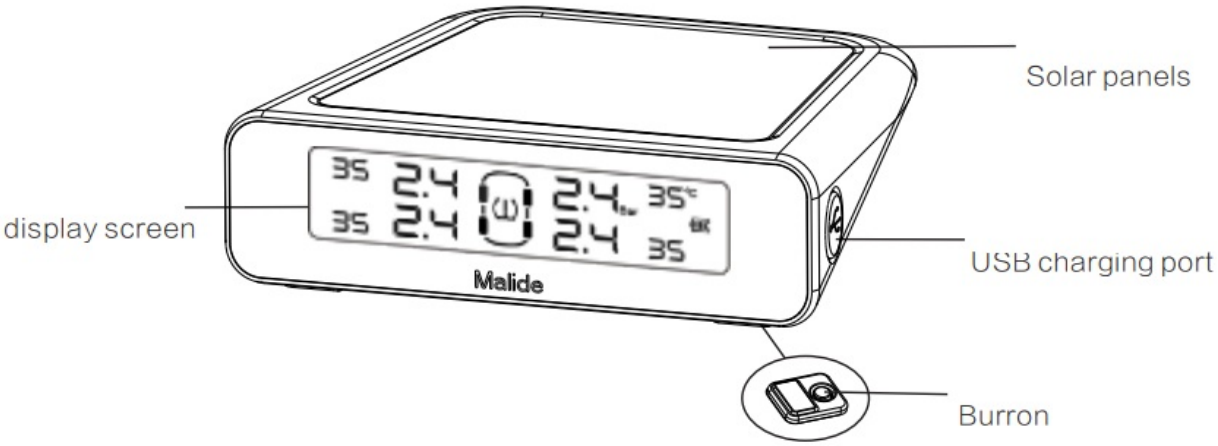
     

     When the tire fast leaks, the voice alarm ” left front (left rear/right front/right rear) tireleakage” will be played, and the tire temperature data corresponding to the display screen will flicker.

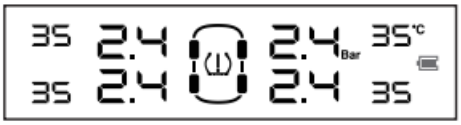
- **Sensor Battery Alarm**



When the Sensor battery is too low, the voice alarm “Left front (left rear / right front / right rear) tire battery is too low” will play, the tire corresponding to the display will flicker.

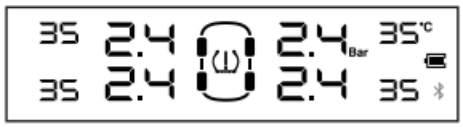


- **Display Battery Alarm**



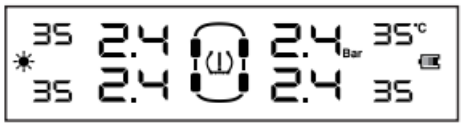
When the display battery is too low, the battery token “ ”on the display will flicker.

- **Enter Pairing Mode**



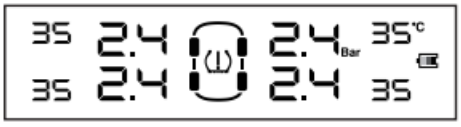
When the display button is pressed for about 5 seconds to enter the pairing mode, the signal token “ ” of the display will flicker.

- **Solar Energy Charging Mode**



When the display is solar-charged, the sun token “ ”on the display remains steady and the battery token “ ”is displayed charge status.

- **USB Charging Mode**



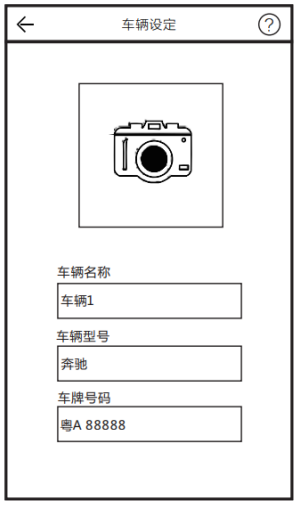
When the display is USB charging, the battery token“ ” on the display shows the charging status.

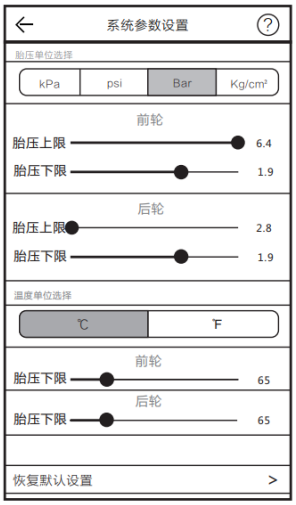
note When TPMS has abnormal tire pressure or tire temperature in one or more tires, the tire pressure token“ ” on the display screen will flicker and display data and voice play.When the tire temperature and temperature of all tires is normal, the display will play“Tire pressure and temperature are normal, have a

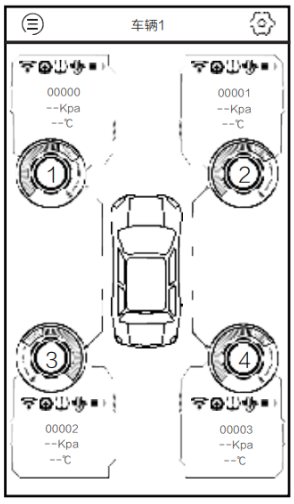
nice trip!” and display relevant real-time data.

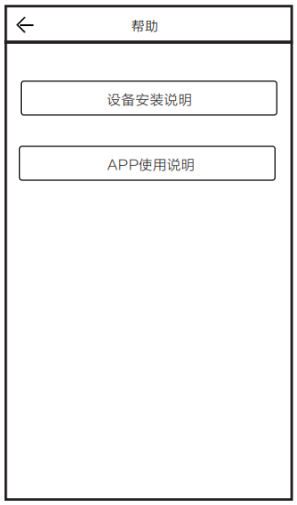
Introduction for more APP functions

1. In the setting interface of the system, click the vehicle set to enter the setting interface of the vehicle as shown in Figure A, you can set the picture, name, and type of vehicle as well as license numbers.
2. In the setting interface of the system, click “System Parameter Setting” to enter the setting interface of the system parameter as shown in Figure B, you can either define the temperature and pressure range of the front and tires according to the actual situation or can replace the display unit or restore the default settings.
3. In the setting interface of the system, click “Setting of Tire Adjustment” to enter the setting interface of tire adjustment as shown in Figure C, you can change the display frame according to the actual sensor position. (You can click on the instruction symbol in the upper right corner to learn the transposition operation)
4. Click “Help” in the setting interface of the system to enter the help interface as shown in Figure D. Here you can view the installation instruction of equipment and the use instruction of the App.
   Note: The relevant parameters of the voice display are modified by the mobile phone App. After setting system parameters, setting tire adjustment, or updating sensor binding operation, you need to rebind the voice display to update the settings.









Specifications

Item	Parameter
Working Voltage	2.4V-3.3V
sleeping Current	3.0uA

Storage Temperature	-40℃-85℃
Working Temperature	-40℃-85℃
Working Humidity	95%(MAX)
Working Frequency	434Mhz
Monitoring range of tire pressure	0-640kpa(0-6.4Bar)
Monitoring range of tire temperature	-40℃-80℃
Battery Capacity	350mA(CR2050)
Service Life Of Battery	About 5 years (Driving four hours per day)

Weight	25g±0.5g

Common Problems And Solutions

1. After the sensor is just matched or the App is opened, there is no data display on the main interface.
   First determine if the display is bound. And the sensor will only send data in the following situation:
   - Within 20 minutes after the battery is installed;
   - The driving speed exceeds 20 yards;
   - The parking time is within 10 minutes;
   - The tire pressure changes instantaneously to more than 30 kPa;
   - The tire rotates for more than 20 seconds.
     When the other time is in the sleeping state, the data will not be sent in a sleeping state,so the receiver will not receive the signal.
2. **No voice broadcast from the App.**
   Check if the voice alert is on in the setting interface of the system; check if the phone is muted or the volume is low.
3. **No sound in the solar voice display.**
   Confirm that the voice displayer has completed the binding; the voice displayer will not broadcast if there is no abnormality.

Warranty

Thank you very much for supporting our company. This product will have one year warranty from the date of purchase.During the warranty period, if the product fails to function properly due to quality problems under normal use, the company will be responsible for the repair or replacement of the product. Products that are repaired or replaced must meet the following conditions:

- The cause of product quality problems is defective products from the factory;
- The product is in accordance with normal usage methods;
- The product has not been improperly dismantled;
- If the product need to be repaired or replaced, they need to be sent to the merchant and explained the reasons of damage and purchase date.

FCC Statement

– 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.
- 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
The device has been evaluated to meet general RF exposure requirements. The device can be use d in portable exposure condition without restriction.

Documents / Resources

	Malide MLD-B06 Car TPMS Bluetooth Mobile Phone APP Tire Temperature Pressure Monitoring System [pdf] User Manual MLD-B06, MLDB06, 2AV7VMLD-B06, 2AV7VMLDB06, MLD-R01, MLD-B06 Car TPMS Bluetooth Mobile Phone APP Tire Temperature Pressure Monitoring System, Car TPMS Bluetooth Mobile Phone APP Tire Temperature Pressure Monitoring System, Bluetooth Mobile Phone APP Tire Temperature Pressure Monitoring System, Tire Temperature Pressure Monitoring System, Pressure Monitoring System, Monitoring System

References

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