Seicane SC31 USB TPMS User Manual

Product Preview

Product Picture

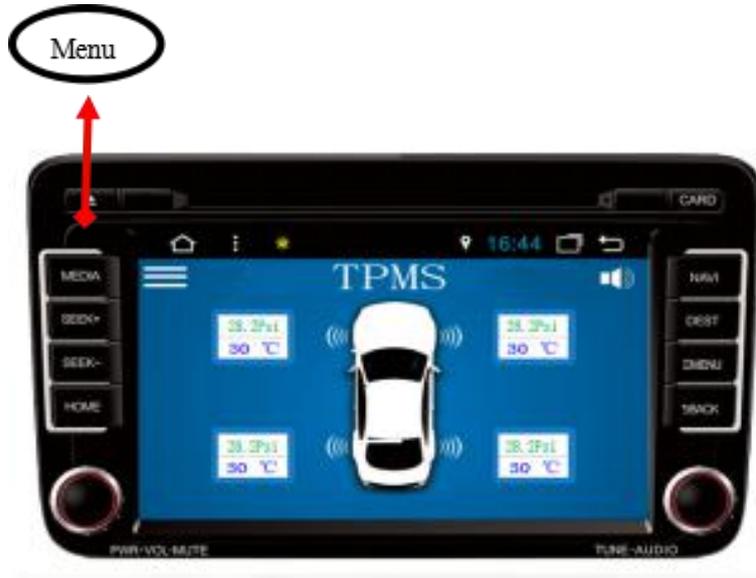| TPMS Receiver	
Internal & External Sensors	

TPMS Work Introduction

TPMS is short for Tire Pressure Monitoring System. This product includes one B receiver and four sensors, sensor measure the pressure per 4s, sensor will send RF signal per 10 minutes when the car is in stopping, when the car is in moving, send signal per4 minutes, if the tire is leaking, sensor send signal per 0.8s. The receiver can send all data to navigation by USB port when the tire is abnormal. Navigation can display the pressure and temperature and alarm, but you need get the APP from Android market or send to you by email.

Product Application Steps

Step1. Install the TPMS app on your car radio.
Step2. Connect the receiver to the USB port of the car radio.
Step3. Install the sensor to tire one by one.
Step4. Fix the receiver.
Step5. The app can alarm automatically when the tire has any abnormal, so you don't need to pay attention to the APP shows in real time.
Step6. You can adjust the pressure/ temperature alarm limit valve through menu of APP.
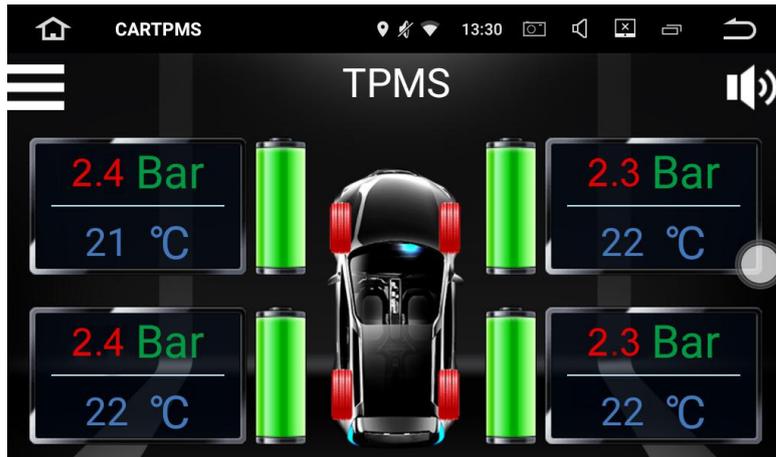Step7. If you don't need the alarm sound, you can close the sound.
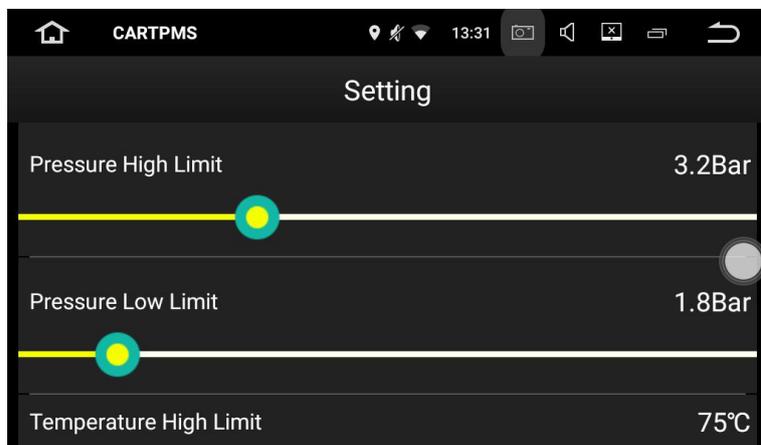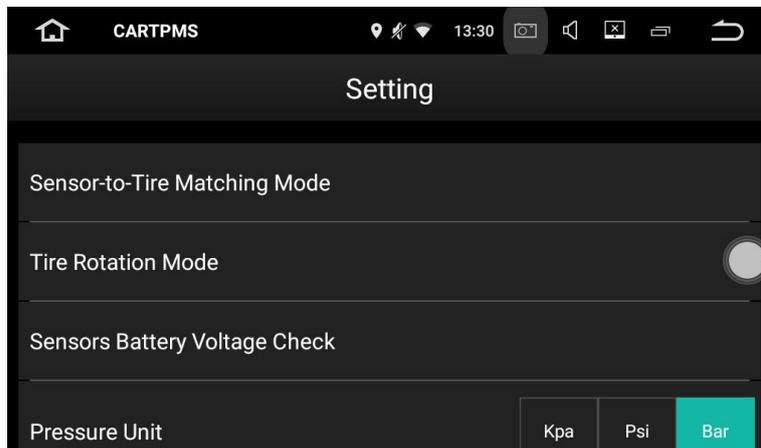
To download and install the TPMS APP, please click:
https://drive.google.com/open?id=1HAzVOy7qPcsdfXmdNf9Cz3NLzoQGb1sN

Click into TPMS interface.
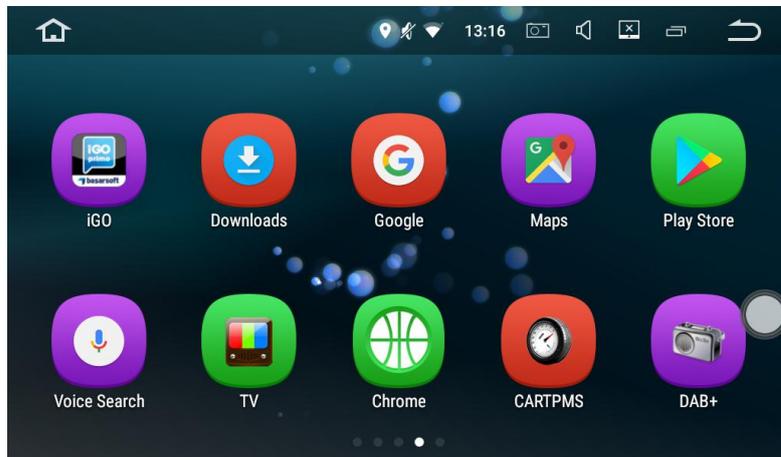
Click into more setting.

Sensor ID Matching

1. Before shipping, sensor ID and position has already save in receiver, you can install it directly according to the marking on the sensor.
2. When sensor need replacement, you can enter Sensor-to-Tire Matching mode and complete the sensor ID pairing. You can press the tire position to enter the status of ID learn waiting, then wake up the sensor(the method is:
   For internal sensor, you can inflate or air the tire with sensor. For external sensor, you can re-install or remove the external sensor from valve)

External Sensor installation

Ready to sensors and screw

Fix the screw to valve

Fix the sensor

Lock screw and sensors

Notice: You need text the sealing performance of sensor when you completed the installation.

Internal Sensor installation:

Remove the tire

Cut the original valve

Clear the hole

Insert the sensor

Fix the screw of valve

Install the tire to original position

- Work Voltage：2.1V~3.6V
- Pressure measure range：0—535KPA
- Temperature measure range：-40℃—125℃
- Sensor weight：<10g
- Waterproof：IPX67
- Work frequence:433.92MHz

Sensor Technical Parameters

- Working Voltage: 2.1V – 3.6V
- Pressure Range: 0 – 800 KPA
- Temperature Range: - 40 ℃- +125℃
- Internal Sensor Weight: ＜ 28g
- External Sensor Weight: ＜ 10g
- Internal Sensor Protection Level: IP5K6K
- External Sensor Protection Level: IP6K9K
- Working Frequency: 433.92MHz

Receiver Technical Parameters

- Working Voltage: DC12V
- Working Current: ＜15mA
- Working Temperature:
  Internal Sensor: - 40 ℃- +125℃
  External Sensor:- 30 ℃- +85℃
- Fixed Mode: 3M Stick
- Connecting Interface: USB port

Trouble Shooting

If you meet problems when operating this product, please refer to this section. The most common likely problems are listed below along with causes and solutions.

Problems	Causes	Solutions
Cannot install the APK file	The operation system version is too low to be compatible with this product.	TPMS APP is compatible with Android 4.3 or above, please upgrade the version.
	Navigation permissions limit installation.	Open the permissions.
Connect to the USB port, but the data is not uploaded.	This USB interface is for upgrade only.	Generally, a navigation unit has at least two USB ports, please replace another USB port.
	Navigation software is shielding.	Upgrade navigation unit software.
The APP's tire pressure data is lost.	There is probably a high power interference device too close to the receiver.	When installing the TPMS receiver, the receiver should be at least 60 cm away from the vehicle's interference source (navigation, DVR, mobile TV, etc.).