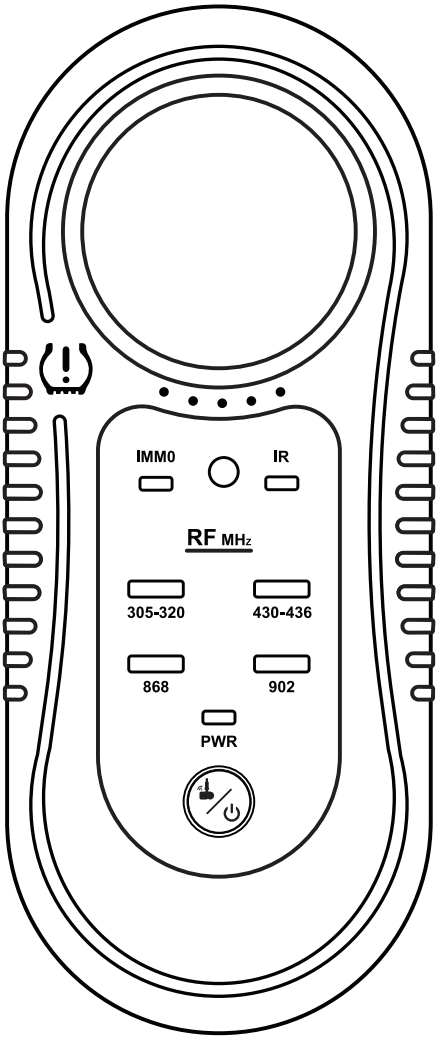
Super EL50448 Ultra

Wireless Master

(5-in-1)



Freqy Detector / IMMO / IR / Tire Pressure Sensor Signal / Tire Pressure Activation

Contents

Precautions:

To prevent personal injury and damage to the vehicle or tester, please read this user manual carefully first and follow the safety precautions below when operating the vehicle:

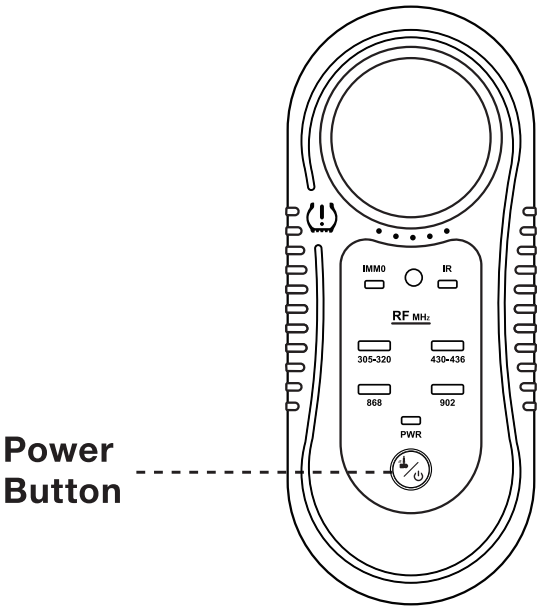
* The battery specification requires 2PCS*AAA batteries.
* Ensure that all tires are inflated to the pressure recommended by the tire manufacturer.
* Ensure that the original/OEM sensors are used, as these sensors have been programmed.
* The position of the tires is also important; the front tires must be vertical.
* Reset the tires outside the garage, not inside.
* Ensure that all other sensors are out of the range of the vehicle's antenna (approximately 10 feet/3 meters).
* During testing, keep the product close to the test source. The optimal detection distance for radio frequency signals is about 10 cm.
* Disable all other Wi-Fi/Bluetooth and electronic auxiliary devices, including HUD kits, car audio systems, navigation backup cameras, etc., if they are not original equipment. These devices may cause RF interference.

1. Product Overview

1.1 Product Introduction

This product is a comprehensive automotive frequency signal detection tool that integrates frequency detection, tire pressure sensor detection, IMMO detection, and IR detection. It can receive common frequency signals as well as IMMO, IR signals, and tire pressure signals. It also has a TPMS learning function, and the corresponding LED light will illuminate when it receives a frequency signal. For better tire pressure function detection, place the tire pressure icon side close to the test signal.

1.2 Product Description



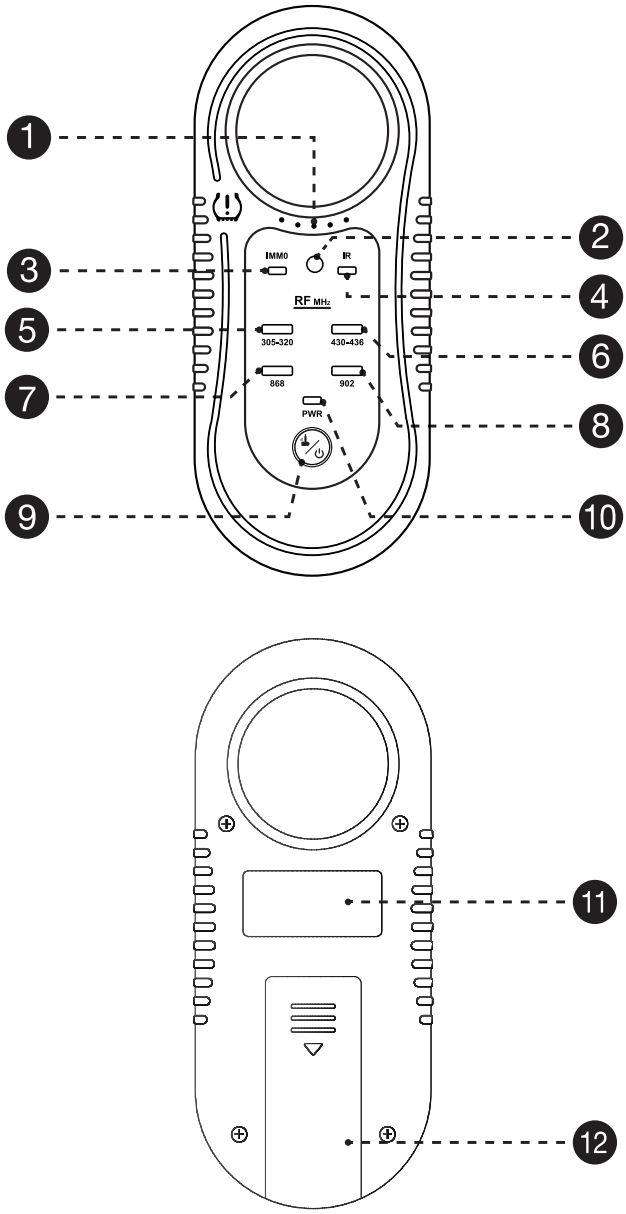
Power On: Turn on the device by holding the power button for 3 seconds.

Power Off: Turn off the device by holding the power button for 3 seconds

TPMS Learning: Press the power button briefly to start TP-MS learning.

Auto Shutdown: To extend battery life, if the device does not receive any signals and there is no operation for 180 seconds, it will automatically shut down.

1.3 Panel Analysis



1. **Beep:** Emits a beep sound based on the detection results.
2. **Infrared Signal Receiver:** Used to receive infrared signals, and lights up when a signal is detected.
3. **IMMO Indicator Light:** Lights up when an ignition coil signal is detected.
4. **IR Indicator Light:** Lights up when an infrared signal is detected.
5. **305-320 Indicator Light:** Lights up when the signal frequency is in the range of 305 to 320 MHz.
6. **430-436 Indicator Light:** Lights up when the signal frequency is in the range of 430 to 436 MHz.
7. **868 Indicator Light:** Lights up when the signal frequency is at 868 MHz.
8. **902 Indicator Light:** Lights up when the signal frequency is at 902 MHz.
9. **Power Button:** Used to turn the device on/off and tire pressure learning.
10. **PWR Indicator Light:** Lights up when the tester is in the on state.
11. **Back Sticker:** Contains device information and coding.
12. **Battery Compartment:** The battery cover can be pushed to replace the battery.

Input Power	3V DC
Standby Power	13mA

RF Signal Detection Distance	Approximately 10cm (related to the key signal strength)
Power supply mode	Powered by 2PCS*AAA batteries.

2. Product Functions

2.1 Frequency Detection

Place the car key close to the tester to quickly identify the frequency of the car remote key. The corresponding indicator light will illuminate when detecting frequencies of 305-320/430-436/868/902 MHz.

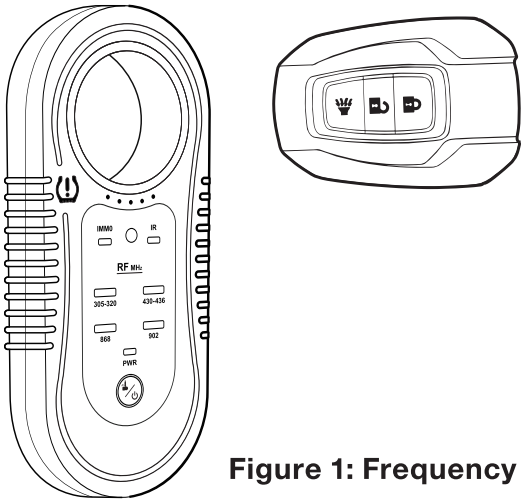


Figure 1: Frequency Test

2.2 IMMO Signal Detection

Hold the tester near the car's ignition coil. The IMMO indicator light will illuminate when the ignition coil signal is detected.

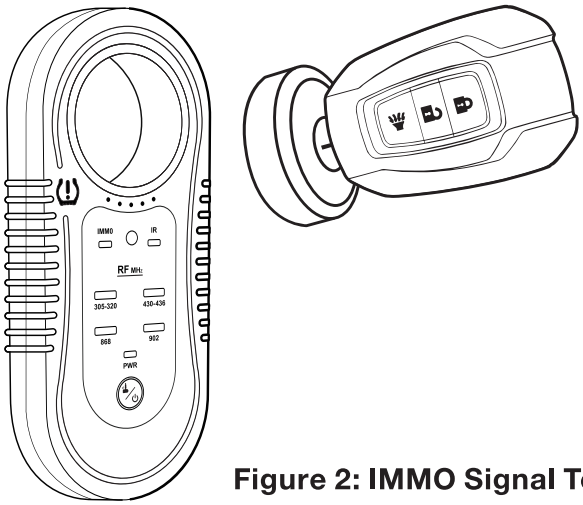


Figure 2: IMMO Signal Test

2.3 IR Signal Detection

To detect infrared signals, align the Mercedes-Benz key vertically with the infrared signal receiver. The IR indicator light will illuminate when a signal is detected.

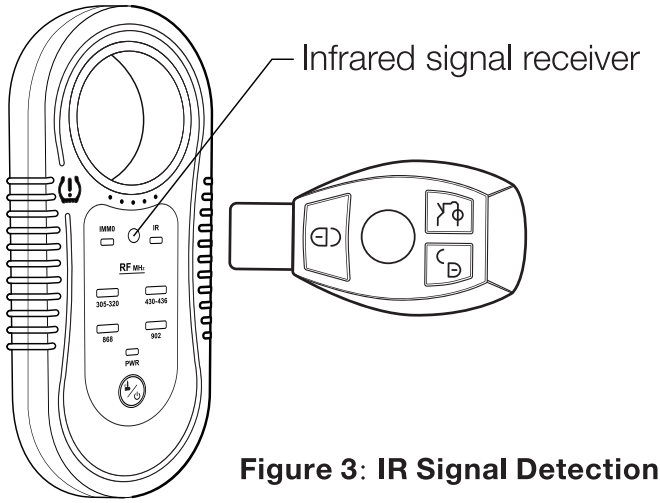


Figure 3: **IR Signal Detection**

2.4 Tire Pressure Sensor Test

Reception: Place the tester near the car sensor to receive frequency signals at 315/433 MHz, and the corresponding indicator light will illuminate.

TPMS Learning Function:

1. Place the vehicle in TPMS learning mode (the car horn will sound twice).

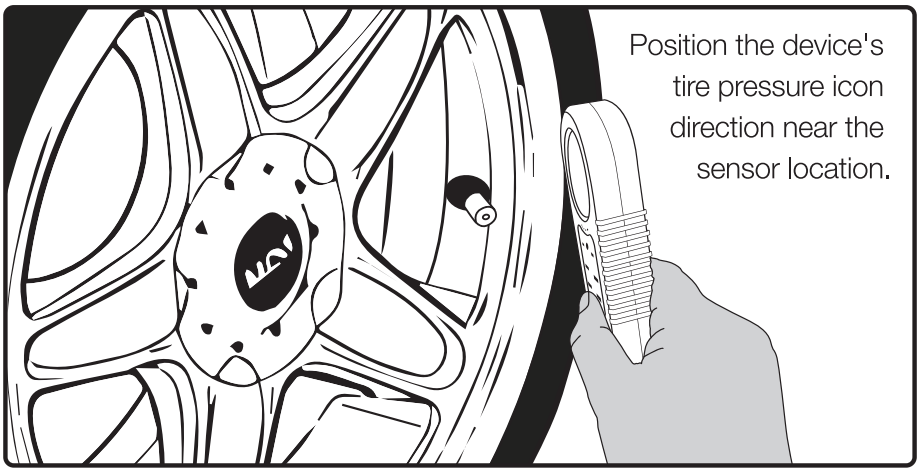
2. Start the relearning process from the left front tire. Press and release the power button. Wait for the buzzer to sound before moving to the next tire.

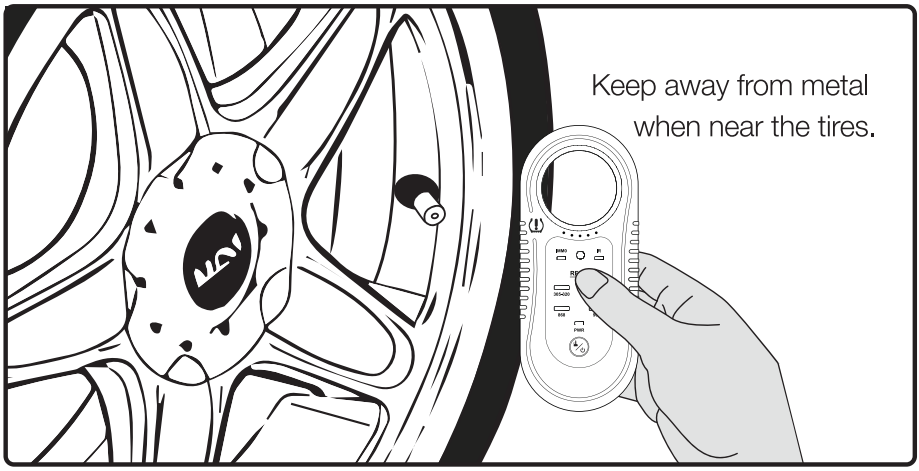
3. Reset the TPMS sensors in the following order: front left, front right, rear right, rear left.

4. After all sensors are reset, the car horn will sound again, indicating that the TPMS relearning is complete.

Note: The flashing LED on the power button indicates that a signal is being transmitted.

★When the LED light on the power button is blinking slowly, it indicates that the current battery cannot meet the signal transmission requirements, and the battery needs to be replaced.





3. Warranty and Service

Hello! Thank you for purchasing our product. To better serve you, please read this warranty card carefully, fill it out correctly, and keep it.

Name			
Telephone			
E-mail			
Purchase Date		**Product Model**	
Order Number			
Shipping Address			
Maintenance Record	**Date**	**Failure Causes and Solutions**	

※ **Warranty Statement:**

If the product needs to be returned for quality issues, please send it back to us along with this warranty card.