4. Tire pressure HI setting:

Once in the setting mode, cycle through to the setting of the HI tire pressure marker by pressing the SET button. The HI display will light up and the digits underneath will flash. Use the + and – to adjust the high end of the tire pressure parameter. Factory default: 3.0Bar.

The high tire pressure has to be set above the low tire pressure. Adjustable range is 1.1 – 5.0Bar.

5. Tire pressure Low setting

Once in the setting mode, cycle through to the setting of the LO tire pressure marker by pressing the SET button. The LO display will light up and the digits underneath will flash. Use the + and = to adjust the low end of the tire pressure parameter. Factory default: 2.0Bar.

The low tire pressure has to be set below the high tire pressure. Adjustable range is 1.0 - 4.9Bar.

6. Alarm temperature HI setting

Once in the setting mode, cycle through to the high temperature alarm setting option by pressing the SET button. The HI display will light up and the temperature digits will be flashing underneath. Use the + and – to adjust the max temperature the tire can reach before the alarm sounds of overheating. Factory default: 75°C.

The adjustable high temperature range is 60°C to 90°C.

6. LEARNING CODE BY LEAKING PRESSURE

Press and hold the + button for 3 seconds. Release the button after a long chirp is heard. The system is now in code learning mode with the LF tire icon flashing. Use the + and – buttons to cycle through the tires that need to learn the code. When the tire icon is flashing, leak the pressure of that selected tire (for external sensors, screw in and out the tire valve). After received the signal, the icon will display digital data, this means the tire learned successfully. To exit code learning mode, press and hold the SET button for 3 seconds and release after a chirp is heard.

Note: Only when changing out sensors or display is the learning code necessary.

External Sensors Installation
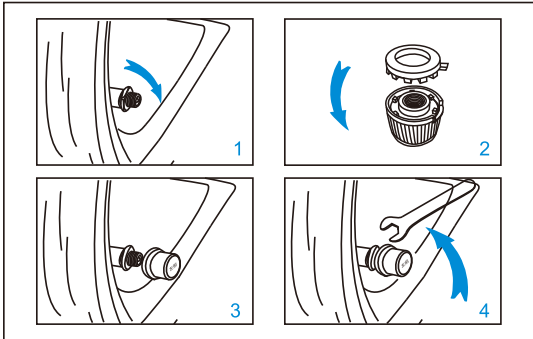
1. Unscrew the valve's dustproof cap.
2. Put the anti-dismantle pad at the sensor air lock.
3. Screw and tighten corresponding sensor according to the marking position on the sensor cover.
4. Reversely twist the hexagonal nut into the sensor with nut wrench. Then spray the suds on the valve to check for air leakage.

Sensor Battery Replacement
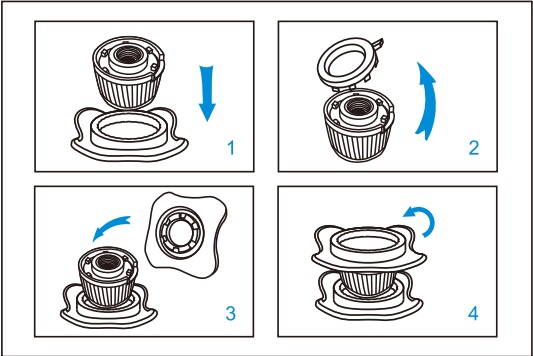
1. To remove the sensors and get to the batteries, place the cap into the black professional tool. (Picture 1)
2. Pull the little black nut off of the cap and pulling it up simultaneously. (Picture 2)
3. Use the top side of the 2nd professional tool and twist the top professional tool counter clockwise, until the battery compartment comes out. (Picture 3 & 4)

ITEM	UNIT	SENSOR	DISPLAY
Working frequency		433.9200MHz ± 0.1MHz	
Working voltage		2.0~3.6V	5V
Working current		Static current ≤ 1uA	Static current ≤ 50uA
		Dynamic ≤ 15mA	Dynamic ≤ 15mA
Working environment	Temperature	-40℃~+120℃	-20℃~+70℃
Monitoring scope	Temperature	-40℃~+120℃	
	Pressure	0bar ~ 3.5 bar	

TPMS

MLG-6410TP
SOLAR ENERGY TPMS
USER'S MANUAL AND INSTALLATION GUIDE

Sensor F.L A TPMS B Sensor F.R

Sensor R.L D C Sensor R.R
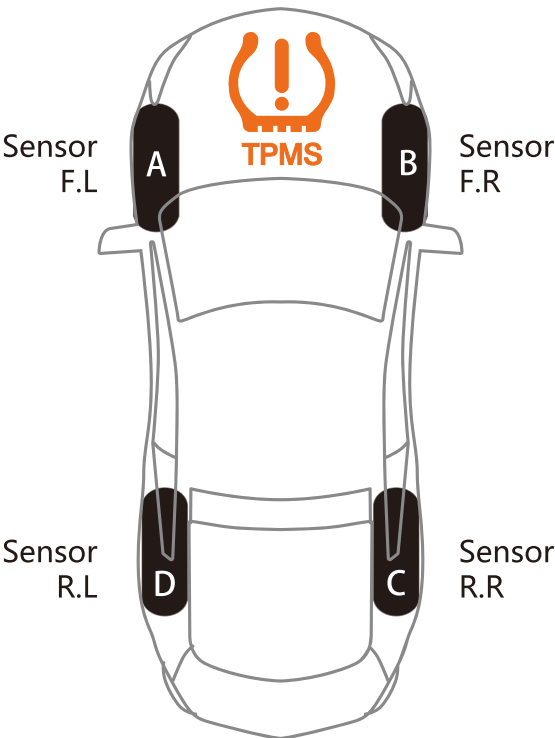
## 1. FUNCTIONS AND FEATURES:

1. Real time monitoring system of tire pressure and tire temperature.
2. Intelligent sleeping mode for power saving
3. Monitoring of lost tire pressure and leakage of air.
4. Visual and audible warnings for abnormal readings.
5. All 4 tire pressure and temperature data at a glance.
6. Fixed Bar or Psi pressure unit for selection.
7. Fixed ℃ or ℉ temperature unit for selection.

(This product can monitor in real time the pressure and temperature of tires and warn the driver of abnormalities but it cannot prevent accidents. Please use this as a guide and monitoring system and when a warning comes up, see a professional for assistance. We are not responsible for the direct or indirect loss because of the damage of this product).
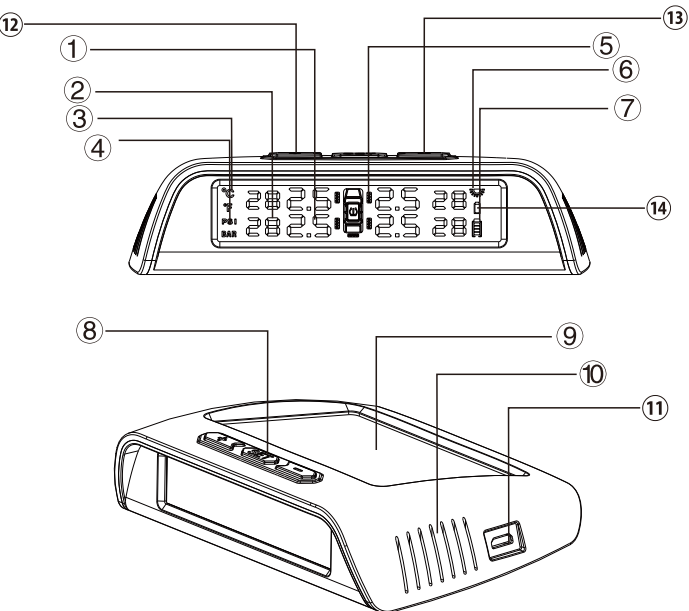
1. Pressure display
2. Temperature display
3. Temperature unit
4. Pressure unit
5. Tire position
6. Solar energy charging
7. Battery level display
8. Set button
9. Solar panel
10. Buzzer speaker
11. Charging port
12. Left selection button
13. Right selection button
14. Sensor low battery

2. PARAMETER SETTING REFERENCE

1. Before using this product, charge the display for 3-4 hours with any Micro USB charging cable (not included).
2. Factory default parameter setting

Factory default setting	Parameter setting range
HI pressure alarm data: 3.08 Bar	1.1-5.0 Bar
Low pressure alarm data: 2.08 Bar	1.0-4.9 Bar
HI temperature alarm data: 70℃	60-90℃

3. To reset the unit to factory default setting, press the ⊟ and ⊡ at the same time and hold for 3 seconds.
4. 1Bar = 14.5Psi

3. OPERATION INSTRUCTION

1. The display will wake up automatically from sleep mode when it feels vibrations from the car.
2. Press and hold the (-) button for 3 seconds to turn the display On and Off.
3. The sensors will be activated when the vehicle hits a speed of 10mph. Then display will then show the current tire pressure and temperature.
4. Alarming instruction

a). When the tire pressure falls outside of the set range or if the tire is losing air, an alarm will sound to alert the driver. Along with the audible alarm, the display will show which tire is malfunctioning. On the display, the corresponding tire position light will light up in red ▯ , the pressure data, and the alarm icon ⏻ will be flashing together.

Note: Pressing any button can stop the audible alarm but all corresponding icons will continue to flash. The alarm will chirp once every minute after being silenced.

b). When the tire's temperature reading falls outside of the set range, an alarm will sound to alert the driver. Along with the audible alarm the display will show which tire is overheating. On the display, the corresponding tire position light will light up in red ▯ , the temperature data, and the high temperature alarm icon ⏻ will flash simultaneously.

Note: Pressing any button can stop the audible alarm but all corresponding icons will continue to flash. The alarm will chirp once every minute after being silenced.

c). When the battery of a sensor is low, the corresponding tire position icon ▯ and the low battery icon ⟺ will flash together. The audible alarm will chirp.

Note: Pressing any button can stop the buzzer, but all corresponding icons will continue to flash and the buzzer will chirp once every minute.
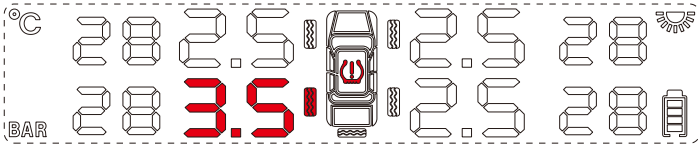
4. ALARM STATUS GRAPH

Leaking or low tire pressure alarm 🔊 Bi.Bi.

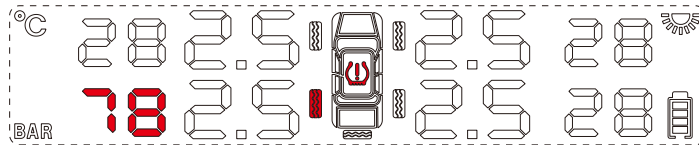**Eg: RL tire leaking or low tire pressure detected.**
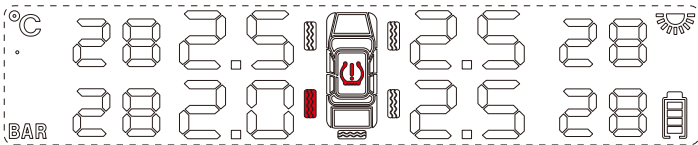
High tire pressure alarm 🔊 Bi.Bi.

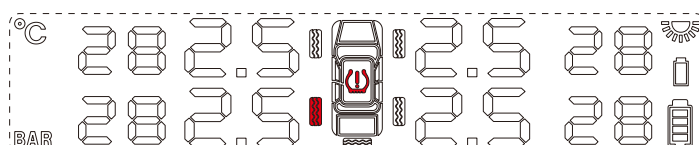**Set range: 1.7~3.4 Bar   Eg. RL high tire pressure detected.**

High tire pressure alarm 🔊 Bi.Bi.

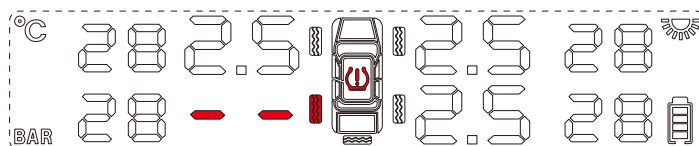**Factory default setting: 70°C   Eg. RL high tire temperature alarm.**

Low Battery on Sensor Warning 🔊 Bi.Bi.

Sensory battery normal life: 3-5 years   Eg. RL sensor battery is low.

Sensor is not working 🔊 Bi.Bi.

Eg. RL tire sensor is not connecting to the control panel.

5. SETTING PARAMETERS

1. Enter and quit setting mode:
Press and hold the SET button for 3 seconds, releasing after a long chirp is heard. The system enters setting mode. Press SET button to cycle through the following settings: Bar – Psi, ℃ → ℉, pressure HI – pressure LO, alarm temperature Hi. Press + or – button to adjust accordingly. Once finished adjusting the settings, press and hold the SET button for 3 seconds. After you hear 1 short chirp, the system locks in all set parameters and exits the setting mode.

(Note: After entering the setting mode, if there is no operation within the mode for 3 minutes, the system will automatically go back to the main display.

2. Pressure Unit Setting
Once in setting mode, cycle through the pressure unit setting by pressing the SET button. The Bar icon will flash. Press + or – to adjust the unit between PSI and Bar. Factory default: Bar.

3. Temperature Unit Setting
Once in the setting mode, cycle through the temperature unit setting option by pressing the SET button. The °C icon will flash. Press + or – to adjust between °C or °F. Factory default: °C.