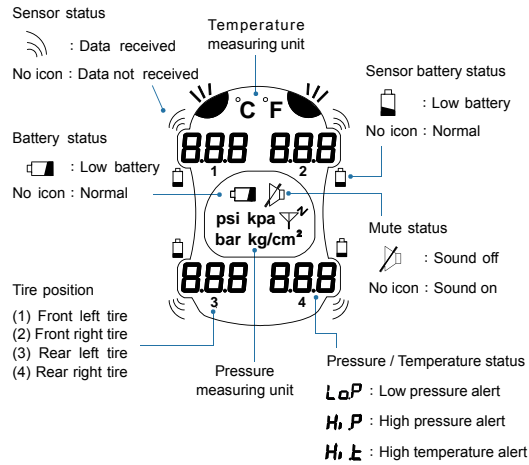
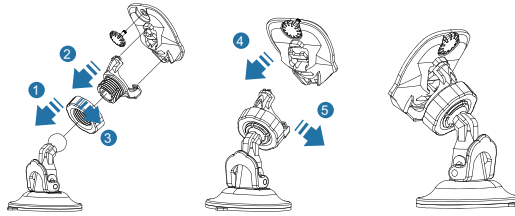


## 1. GRAPHIC USER INTERFACE DESCRIPTION



## 2. LCD MONITOR BRACKET INSTALLATION

- Place the fixed lock ring on top of the suction cup bracket holder (as arrow 1).
- Install the suction cup bracket holder with the holder arm base (as arrow 2), also use fixed lock ring to tight the base and holder (as arrow 3).
- Proper install the monitor holder and holder arm base. Make sure the monitor holder and base clip is well attached (as arrow 4), then move the monitor holder down (as arrow 5) let both parts well connect.



### Note:

- \* Before fix bracket, chosen flat and clean surface is necessarily for better hold of bracket.
- \* To keep the screen clean, do not touch the surface. Handle the display unit by its edge.
- \* Be careful not to splash juice or other soft drinks onto the LCD monitor.
- \* Monitor should keep standing-up vertically. Up side down or lay down monitor could lead to dysfunction.

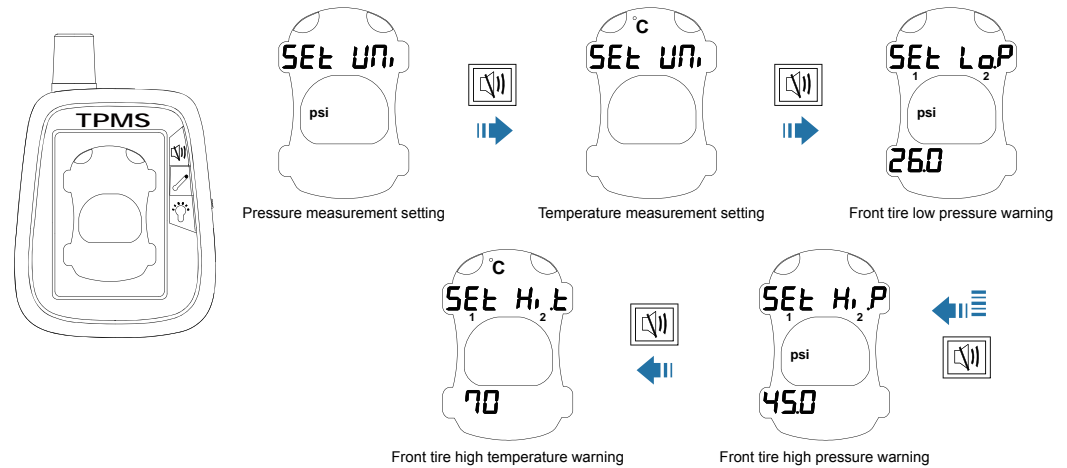
You can choose to use battery power or connect cigarette power cord to your car.

## 3. OPERATING INSTRUCTIONS

※ Operation when car is stopped ※

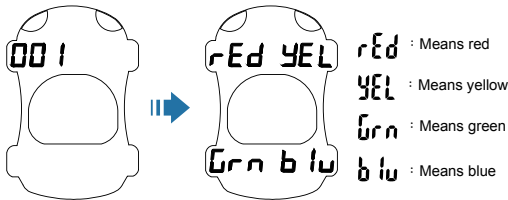
When press the mute button [Mute icon] for about 5 seconds, the LCD monitor will show setting mode. Under this mode, the mute button [Mute icon] is the confirm key, the temperature button [Temp icon] and the backlight button [Backlight icon] are to adjust tire pressure, temperature and warning range. After settings are done, the LCD monitor will return to the main screen with "beep" sound.

Repeat the rear tire temperature and pressure setting.



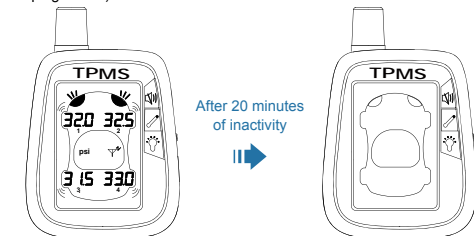
## 4. WHEEL POSITION CHANGE

Press backlight button for about 5 seconds, the screen will switch to wheel position change icon. The wheel position switching functions is available to the user when the tire position is change, the sensor can be change to the opposite position. When entering the wheel position switching function can be used to select the correct wheel position, or press the temperature button after departure. (A total of 24 kinds of wheel positions can be select from.)



## 5. SLEEPING MODE

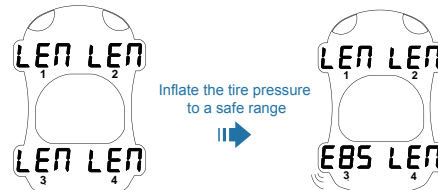
After turn on, If more than 20 minutes do not any vibration, monitor will automatically enter sleeping mode. In this mode, monitor will be turn off to save battery power, can improve battery life. Any vibration such as open car door or push any of buttons, monitor will be woken immediately. (If use external power supply will maintaining display state, does not enter sleeping mode.)



## 6. LEARNING MODE

This feature is mainly supplied to the solution when the sensor is missing. Because the monitor can only identify the same ID group of sensors, other sensors can not be read, then just order a new sensor and re-learning the new sensor.

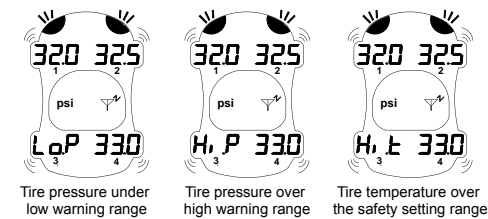
- After turn on, press the mute button for 10 seconds, the system will enter "Learning mode" and show you "LEN" in main screen.
- It is must to inflate the tire pressure under manufacture suggested safety pressure range first, then beep sound will be heard. Also, the new tire condition data will transmit to the monitor around 1 minute. (Take 3 for example)



## 7. ABNORMAL TIRE PRESSURE OR TEMPERATURE

- When the tire pressure or temperature exceeds a set value, the receiver will sent 10 warning sound and backlight flash, and displayed on the screen. When pressure or temperature returns to within the standard values, warning display clears the screen and return to the normal pressure display.

⚠ Strongly suggest that as long as tire warning is on, check tire situation first to ensure safety.



- Monitor runs out of power

Battery power in monitor will decrease by daily operation and when power level is lower to some extent, battery low indicator in LCD monitor will appear to remind driver of time to replace battery. Please change monitor battery as early as possible to make sure system function well.



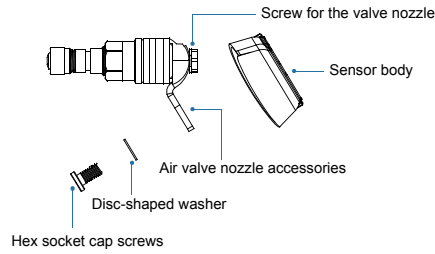
This product contains Lithium Button Batteries.

**WARNING: KEEP BATTERIES OUT OF REACH OF CHILDREN**  
 Swallowing may lead to serious injury in as little as 2 hours or death due to chemical burns and potential perforation of the oesophagus.



If you suspect your child has swallowed or placed a button battery inside any part of the body seek medical advice immediately.  
**Australia Poisons Hotline: 13 11 26**  
**New Zealand Poisons Hotline: 0800 POISON (0800 764 766)**

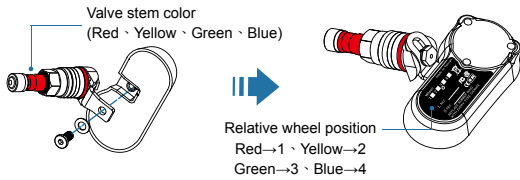
## 8. THE INSTALLATION OF TIRE PRESSURE SENSORS



Insert disc-shaped washer into the hex socket cap screws, then assemble the valve nozzle with sensor body and tight it with hex key.

(Recommended torque is around 1.7N · m)

After complete installation, please make sure the Hex socket cap screws is tight.



△ Please verify the internal type sensor position and the valve stem color to avoid Mistransplant.

I. Use tire changer to fit the tire on the rim, then inflate the tire with standard tire pressure, so monitor will show the real time tire pressure value.  
J. Spray soap water around the valve stem area to check for air leakage.  
K. Make balancing testing and correcting for wheel on the balancing machine.

Note:

- It is necessary to ask for the assistance from a professional for the tire installation.
- It needs to adjust the tire position to fit or disassemble the tire, so that the sensor can be kept away from the running location of the tire changer to prevent any damages on the sensor.
- Every sensor has its separately specific marking for different tire position, please make sure to install the sensor to each tire in order.
- When batteries are exhausted soon, then level will be displayed on the LCD monitor. (Battery: CR2032)

When the sensor battery is low, the low sensor battery will appear on the screen, please replace new battery immediately. The remove process are as follows:

- (1) Remove the valve cap and air nozzle.
- (2) The procedures to remove sensor unscrew the valve nut, then take off the plastic spacer and rubber o-ring before take off the sensor.
- (3) After remove the tire and unload the sensor.

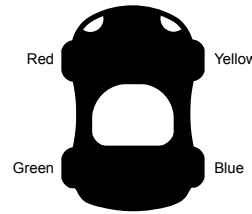


Install new sensor battery

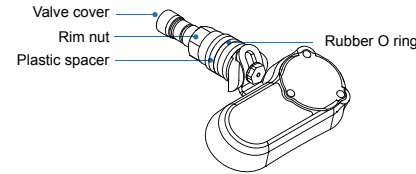
- After unscrew all 3 screws and remove the battery cover, waterproof rubber, and lithium battery.
- Replace water resistance rubber seal to the sensors, and then placed in a new lithium battery (negative side face down) after the battery cover is install on the sensors, and tighten all 3 screws.

As each sensor has its own position and color ring, you have to make sure its pre-set position. Every sensors have own positions and sensors map could give guidance for user to install.

Red means " Front Left Tire ".  
Yellow means " Front Right Tire ".  
Green means " Rear Left Tire ".  
Blue means " Rear Right Tire ".



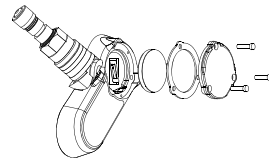
- Disassemble the wheel from the car.
- Deflate the disassembled wheel.
- Use tire changer to take apart the tire and rim.
- Take out the old valve from rim.
- Screw off the vave cover, rim nut, plastic spacer and rubber O ring on the sensor.



Note:

Due to the sensor consumes very small battery power, so that the remaining battery power could be retained for some time, in the process of resetting the battery and cause malfunctions. Battery replacement is recommended, should be discharged on the sensor, please follow these steps:

- Place the sensor battery backward into the sensor(positive side downward), in order to discharge the remaining sensor battery power.
- After then removing the lithium battery, re-insert the sensor in the sensor (negative side downward).

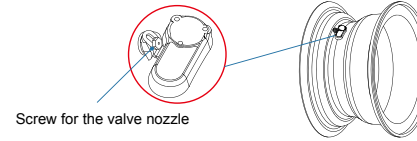


## 9. PRODUCT SPECIFICATION

Frequency	<input type="checkbox"/> 315MHz	<input type="checkbox"/> 433.92MHz
Pressure range	0 ~ 60PSI	
Pressure accuracy	±1PSI	
Temperature accuracy	±3℃	
Operating voltage	3Volts DC	
Operating temperature	-40℃ ~ 125℃	
Battery life	3 years (depends on working hours per day)	
Dimensions	Length 66mm×Width 33mm×Height 13.5mm	
Weight	42g (±1)	
Angle adjustable valve stem	18° ~ 43°	
Operating voltage	3Volts DC (Battery) / 12Volts DC (External)	
Operating temperature	-20℃ ~ 80℃	
Battery life	3 months (depends on working hours per day)	
Dimensions	Length 91mm×Width 73.5mm×Height 22mm	
Weight	100g (±1)	

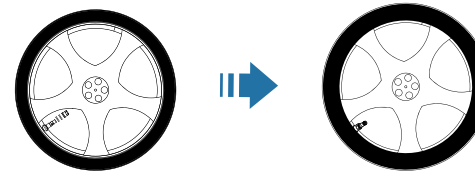
※Specifications are correct at time of publication. Subject to change without notice.

F. Use a open-end 7mm wrench to loose the valve nozzle screws, and then follow the instruction photo below to insert the sensor to a proper location on the rim, and adjusted to the proper angle, and then tighten the valve screw. (Recommended torque is around 1.7N · m)



After complete installation, please make sure the screw for the valve nozzle is tight.

G. Fix the sensor on the rim by screwing the rim nut onto the sensor. Do not use destructive force to fix the rim nut for protection from damage. (Never use excessive force to avoid damage to the sensor recommended torque is around 0.9N · m)



## 10. PRODUCT PACKAGE CONTENT

Items	Content	Quantity	Items	Content	Quantity
LCD monitor		1 piece	Monitor holder		1 piece
AAA-1.5V battery		2 pieces	Suction cup bracket holder		1 piece
Sensor body		4 pieces	Holder arm base		1 piece
Air valve nozzle accessories		4 pieces	Fixed lock ring		1 piece
Hex socket cap screws		4 pieces	Cigarette power cord		1 piece
Disc-shaped washer		4 pieces	User guide		1 piece
Hex key		1 piece			

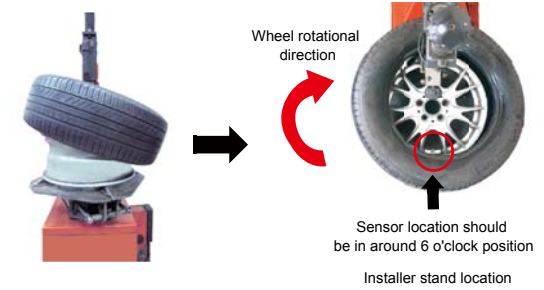
## 11. PRECAUTIONS

- Please choose the installation location carefully so that the LCD monitor will not interfere driver is on the road.
  - Please make sure LCD monitor firmly fixed to the front windshield or dashboard.
  - When read through tire pressure figures from LCD monitor, please precaution about driving safety.
  - Please double confirm if sensors are fitted tightly. If necessary, please spreading soap water on the valve stem to check any air leakage.
  - If tire pressure is getting down or dropping quickly, please stop car immediately to find out if tire is deflated or another other problem is happening.
  - The monitor will automatically make connections in whole system when car starts to run.
  - The internal sensor battery is lithium battery CR2032, please select the correct model. Lithium battery caution
    - Do not clip with metal object.
    - Can not swallow, recharge or throw into fire.
- H. Please do not operate this device while you're driving.

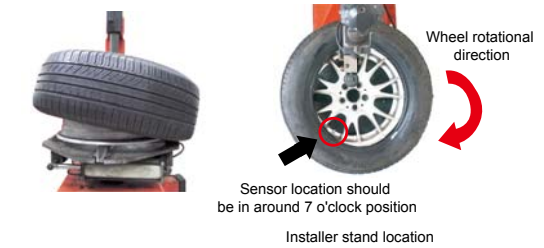
H. Install the tire on the rim steps are as following

Precaution: avoid the tire bead touching the sensor.

(1) Place the sensor on tyre remover machine and to adjust the position of the rotating platform on the 6 o'clock position then install the tire properly in clock wise direction. As the picture shown.



(2) Refitting the tire bead, please place the sensor approximately 7 o'clock position as the picture shown.



## 12. TROUBLE SHOOTING

- Indications disappear from / do not appear in the display
  - Please make sure if power switch is on.
  - Please make sure if monitor has battery inserted.
  - Be sure to observe the correct polarity when installing the batteries.
  - Please make sure if battery has no power after use for a long time. Battery could run out of power and we suggest to replace with new battery.
  - Please make sure if the system is in 'sleeping mode' as the 'sleeping mode' will be triggered when system has been in idle for more than 20 minutes. It is for power-saving purpose. You can let system back to work by shocking monitor slightly or by pressing any of buttons on monitor.
  - If you use power cord, make sure if it is disconnected.
- No connection between sensors and monitor
  - Please make sure if sensors are in a configured distance. This system should be applied in passenger car. If installed in other kind of vehicle, the system does not guarantee its functionality.
  - Please make sure if sensor has battery inserted.
  - Be sure to sensor the correct polarity when installing the batteries.
  - Battery has no power after use for a long time. Battery could run out of power and we suggest to replace with new battery.
  - Reinstall the sensor battery. After removing the sensor battery, conduct discharge advanced motion to the sensors, this purpose is to reset the sensor.
  - Make sure if your sensor has mixed with other systems'. As each sensor has its unique identified number and monitor can only receive pre-loaded identified number and cannot accept other new identified number.
  - The monitor is recommended to place on the windshield for best reception.
- Monitor in the 'sleeping mode'
 

Temporarily park car or drive car in a stable speed, which could let monitor get into 'sleeping mode'. It is a special design for power-saving purpose. You can simply slightly shock monitor or press any of buttons to wake it up.
- Monitor falling from the windshield
  - Please make sure the surface of glass is clean and flat to give the best fitness to monitor bracket. Otherwise, the monitor could drop off.
  - When user install the suction cup, please selected slippery surface for good contact point.
- Many environmental factors cause tire pressure rise and down as well. For example, hot weather or warm tire will lead rising tire pressure.
- The pressure differences between the front and rear
 

Due to general vehicle engine location is in the front wheel, so during the driving process, the front wheel temperature is higher than the rear wheel, causing the front wheel pressure may be greater than the rear wheel PSI.
- Sensor temperature difference
 

Running engine, exposure under the sun, constant braking or near high temperature and other factors, can easily make sensor heat conditions inconsistent and cause the difference in temperature measurement.
- If these solutions do not help improve the situation, consult your nearest dealer.