

PHILIPS

Tire Pressure
Monitoring System

TD5101i
TD5101x

User manual
用户手册

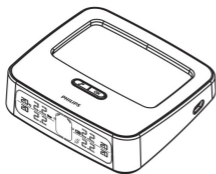
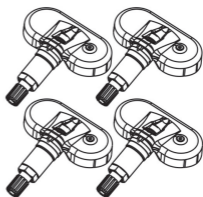
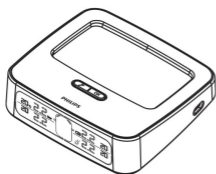
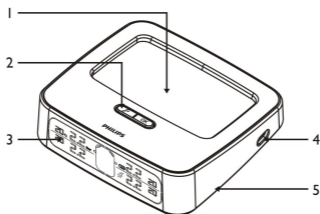


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1 Product Overview - Display device



- 1. Solar Panel
- 2. Buttons (Set  /OK )
- 3. LCD screen

- 4. USB charging port
- 5. Velcro sticker



For TD510i



LT20i internal sensor x 4



Quick Start Guide x 1



For TD510ix



LT10x external sensor x 4



Wrench x 1
Nut x 4

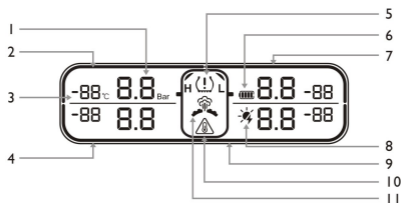


Quick Start Guide x 1



- Internal sensor installation should be carried out by a specialist workshop.
- Every sensor has its dedicated tire position, please carry out the installation accordingly.

2 User Interface



1. Tire pressure data (in Bar)
2. Tire position indicator / Left Front
3. Tire temperature data (in °C)
4. Tire position indicator / Left Rear
5. Tire pressure low /high warning signal
6. Battery level indicator
7. Tire position indicator / Right Front
8. Solar energy charging indicator
9. Tire position indicator / Right Rear
10. High tire temperature warning signal
11. Quick leakage warning

The indicator/warning signal will flicker if any relevant warning show up.

This product is embedded with vibration switch, the vibration caused by car door closing activates trigger display into driving mode.



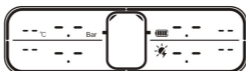
**The display can increase backlight by pressing any button;
In case of alarm, LCD screen will increase backlight immediately with beeper.**

3 Quick Start

3.1 Turn on display

Press both 'Set' and 'OK' buttons simultaneously for 3 seconds till icons appear on the display.

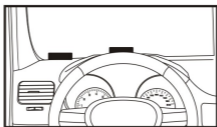
Now release the buttons and the LCD screen shows up as below:



- Press any key to increase the backlight, default backlight is low light mode.

3.2 Install display in vehicle

1. Choose a suitable position with good sunlight and easy to be seen.



- To get best wireless signal transition, do not place display close to the navigation system in the car. Try to place the device on a flat surface.
- Do not place the display device on airbag.

2. Peel off the protection film of the velcro sticker at the bottom of the display and mount the display on the chosen place.

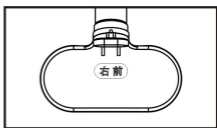
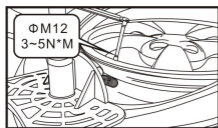
3.3 Install sensors in tires (for TD5101i)

1. Loosen the wheels following standard tire dismantling procedure.

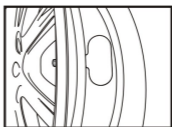
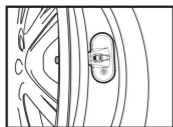
2. Deflate and put the tire on tire disassembler, separate tire and hub with the help of a shovel to up to 10 - 15 cm gap.



3. Replace original valve with Philips LT20i internal sensors according to tire position identified on sensors.

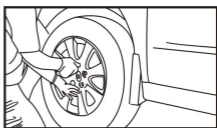
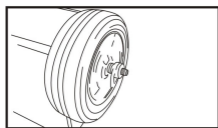


Attention: Please pay attention to the sensor direction.



4. Reassemble and inflate the tire to standard pressure.

5. Calibrate tire overall balance on dynamic balance detector to ensure best tire balance and driving experience. And assemble tires back into the vehicle.





Every sensor has its dedicated tire position, please carry out the installation accordingly to ensure correct data display.

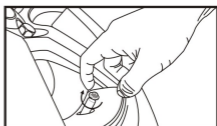
6. The display device should display the pressure and temperature value of the tires after sensor installation. If not, please refer to Q4, Chapter 7 of this manual.

* Please go to professional service center/garage to install the internal sensors (TD5101i)

3.4 Install sensors in tires (for TD5101x)



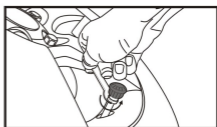
1. Take off protection cap on valve.



2. Put nut provided on valve.



3. Fasten sensors of the product on valve according to correct tire position.



4. Fasten locking nut and contact to sensor of the product with wrench provided.

• Repeat for the other 3 tires.



Every sensor has its dedicated tire position, please carry out the installation accordingly to ensure correct data display.

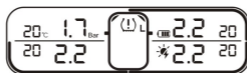
* Please assure valve is dry before install sensors.

5. The display device should display the pressure and temperature value of the tires after sensor installation. If not, please refer to Q4, Chapter 7 of this manual.

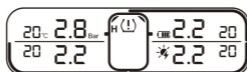
4 Function Description

4.1 Alarm function

1. Low pressure alarm mode - Pressure lower than 87.5% of standard pressure value, standard value can be found in chapter 5.2 of this manual.



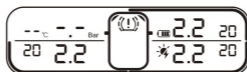
2. High pressure alarm mode - Pressure higher than 125% of standard pressure value can be found in chapter 5.2 of this manual.



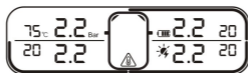
3. Fast leakage alarm mode - Pressure decrease more than 0.2Bar in 15 seconds under driving mode or 20 seconds under parking mode.



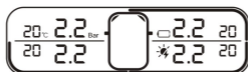
4. Sensor signal loss alarm mode - Display device can not receive sensor signal.



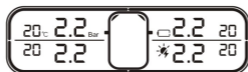
5. High temperature alarm mode - Tire temperature higher than 75°C.



6. Sensor low battery alarm mode- Battery empty icon and flashing position indicator.



7. Display low battery alarm mode - Battery empty icon.



4.2 Alarm Release


Yellow Alarm (Low pressure / High pressure / Sensor signal loss) :


- Warning sound automatically stops after 10 seconds or manually stopped by pressing any button;
- Warning sound repeat every 1 hour before the situation is solved.

Red Alarm (Fast leakage / High temperature) :

- Warning sound will not stop automatically. It can only be stopped manually or after the situation is solved;
- Warning sound repeat every 15 minutes until the situation is solved.

5 System Setting

 **Set** button: press for number cycling from 0 to 9 in current menu
touch - hold to enter setting screen.

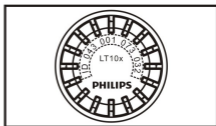
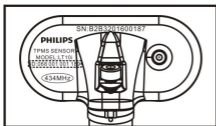
 **OK** button: press for single digit confirmation
touch - hold to confirm all digit in screen.

5.1 Check or change sensor ID

Each sensor of the product has unique ID code and the ID has been defaultly matched with display device according to the sensor position (LF/RF/LR/RR).

In case of tire position change, please rematch sensor ID in system setting manually.

5.1.1 Find ID code



The ID codes are recorded in last page of the Quick Start Guide in the package with pre - set sensor position.

5.1.2 Check or change ID code

a. Touch - hold **Set** and enter menu I screen.



b. Press **OK** and ID codes for four tires show as below.



Example :
Left Front Sensor ID
ID: 043001073022

c. Press **Set** and switch to right front / left rear / right rear.
If ID change is needed please go to step d, otherwise exit
(refer to 5.3)

d. Touch - hold **OK** at the desired tire position screen till all
the number start to flash.

e. Press **OK** again and certain number flash.

f. Press **Set** to change flashing number.

g. Press **OK** to confirm this digit and go to next digit.

h. Touch - hold **OK** and save changes after all the numbers
being set.

i. Repeat from step c to h and change all the ID codes.



**Please make sure that sensor is correctly
matched in system including ID and position to
ensure that correct information is displayed.**

Quick change step as below :

**I Make sure the display device is close enough
to the sensor or tire equipped with sensor.**

II Repeat step a - d.

**III Deflate the desired tire with internal sensor;
for external sensors simply screw off from tire.**

**IV ID code should be learned by display
automatically.**

V Repeat from step I to IV to quick set all the Ids.



5.2 Check or change standard pressure

I. Check preset standard pressure

Standard tire pressure value has been preset to 2.2Bar
for factory setting, change the desired value base on your
car model.

Standard tire pressure value can be found in below
locations :

- a. User manual of your vehicle.
- b. Pillar between front door and rear door on driving side (B-pillar).
- c. Inside the drawer near driver seat.
- d. Filler lid.

2. Change pressure value

- a. Touch - hold **Set** and enter menu screen.
- b. Press **Set** and change to menu 2.



- c. Press **OK** to enter the pressure value display.
If pressure value change is needed please go to step d, otherwise exit (refer to 5.3).



- d. Touch - hold **OK** till the first number flash.
- e. Press **Set** to change the number to desired value.
- f. Press **OK** to confirm the value and go to next digit.
- g. Repeat step e to f till all the value being set.
- h. Touch - hold **OK** to save all the changes.

5.3 Exit set up menu

- a. Touch - hold **Set** and enter menu screen.
- b. Press **Set** twice and go to menu E (exit).
- c. Press **OK** and exit menu to go to main screen.



- **Quick change standard pressure: press "OK" button for 3 seconds then standard pressure will be changed between 2.2Bar to 2.4Bar automatically.**

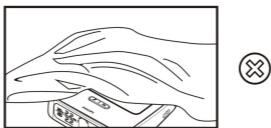
6 Main Features

6.1 Solar Charging

Display device is equipped with built - in battery powered by a solar-panel. The battery has an average back up time of 50 hours under driving mode.

Please do not block solar panel from sunlight by covering the solar panel or by placing display device in place that cannot receive the best sunlight.

A micro USB socket is also available to ensure uninterrupted power supply. Recommend to fully charge by USB for first time usage.



Do not cover solar panel

6.2 4 years sensor battery life

With an average daily use of 2.2 hours the sensor battery life is over 4 years.

6.3 Heat - resistant battery

This product is equipped with a built - in LFP battery designed to provide resistance against high ambient temperature environment.

6.4 Automotive grade quality sensor

Developed with automotive grade quality components using ISO / TSI 6949 certified production line and tested in line with OE quality test plan, to ensure reliable performance and long life time even in extreme environment.

6.5 G-Sensor automatic function

The Philips TD5101 is equipped with a G-sensor module, which enables instant and automatic operation as you go. When your car is switched off, the TPMS will be in standby mode. As soon as you start the car, the sensor will activate and the device is immediately operational.

6.6 Sensor anti - theft and loss proof (TD5101x)

Fast and easy external sensor installation, supported by an extra set of locking nuts to ensure the valves are theft and loss proof.

By increasing the pressure of sensor and the screw contact surface of the valve cock through the longitudinal stress produced with the jacking nuts, the friction is increased thus prevent loosing.

Q1 Why regular check on tire is still needed after installation of the product?

A: This product monitors the pressure and temperature of your tires, it also gives warning when the value is not in preset safety range, while this product can not prevent or avoid accident caused by abnormal tire pressure or temperature.

Users should learn the condition of tire with the assistance of the product, and make sure drive with normal tire condition.

Q2 Why display device can not turn on?

A: Usually due to low battery level. Please charge display device with any USB charging device.

This product is designed to work in minimum power consumption, yet when the battery low signal is on, please charge the device either by exposing it to direct sunlight or connect to USB charging device.

Q3 Why the background color of LCD screen changes sometime?

A: This usually happens after car being exposed in sunshine for long time and the temperature inside the car becomes very high. The working temperature of LCD display is $-20 \sim 70^{\circ}\text{C}$. When the temperature is too high, the background of LCD may become bluish, this will not damage the LCD and when temperature goes down LCD display will be back to normal.

Q4 Why there is no data displayed after sensor installation?

A: Please make sure display is power ON. If this still happens, please activate sensors of product by driving car with the speed larger than 20km/h for at least 4 minutes to restore the connection between display and sensors.

8 Technical Specification

Sensors		Internal	External
Working temperature	[°C]	-40~120	-40~85
Water/dust proof	IP	6K9K	6K9K
Life span*	[yr]	4	4
Tire pressure monitoring range	[bar]	0~3.5	0~3.5
Tire pressure monitoring accuracy	[bar]	± 0.1	± 0.1
Tire temperature monitoring range	[°C]	-40~90	-40~90
Tire temperature monitoring accuracy	[°C]	± 3	± 3
Sensor dimensions	[mm]	64 x 76	23.2 x 20.5
Sensor weight	[g/pc]	46	9.5

Display			
Charging voltage	[V]	5	
Battery type	n.a.	LFP	
Charging socket	n.a.	Micro - USB	
Working temperature	[°C]	-20~70	
Storage temperature	[°C]	-30~85	
Full charging time	[hr]	2	
Working days of autonomy **	[day]	20	
Sound alarm volume	[dB]	50	
LCD size	[mm]	65 x 18	
LCD display technology	n.a.	VATN	
Solar panel power	[w]	0.5	
Display content	n.a.	Pressure/temperature for 4 tires simultaneously	
Display dimensions	[mm]	92 x 88 x 32	
Display weight	[g]	140 ± 2	

* Base on 2.2 hours driving per day.

** After battery fully charged.

Tolerance not included for all specification related to timing.

9 Disclaimer

1. Please read this user manual carefully before installation.
2. This product can be used for vehicles with tire pressure below 3.5Bar (12V system) including sedan, sports car, SUV, BPV and pick up truck.
3. This product monitors the pressure and temperature of your tires, it also gives warning when the value is not in preset safety range, while the product cannot prevent or avoid accident caused by tire pressure or temperature abnormality.

Drivers should be aware of the condition of tire with the assistance of this product, and ensure driving with normal tire condition.

Tires in badly abrasion condition should not be used.

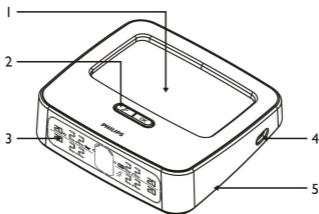
4. Drivers should check tires immediately when there is sound or light warning signal.
5. This product cannot give warning on sudden damage caused by force.
6. Do not operate this product while driving.
7. To avoid wireless signal interference and receiver malfunction, please do not use wireless devices that is not certified by wireless national standard within the car compartement.
8. Please follow strictly the instruction of sensor installation on this manual.
9. Please check the condition of valve carefully before install the external sensor.

10. Do not open, fix or modify this product. Internal sensors can only be installed by professionals or technicians.
11. Sensor battery life is related to actual driving mileage.
12. It is normal that tire pressure increase by 0.1 - 0.3Bar when car go into driving mode after a while than parking mode due to temperature increase.
13. External sensors can be disassembled, please park the car in safe area.
14. Please fill in warranty card properly at the time of purchase.
15. This system can not replace regular tire checking. User should still do regular tire examination to ensure safe driving.

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1 产品简介 - 显示设备



- 1. 太阳能板
- 2. 按钮 (设置  / 确认 )
- 3. 液晶显示屏
- 4. USB 充电口
- 5. 魔术贴



TD5101 i 内容



Lt20i 内置式传感器 x 4



快速安装说明 x 1



TD5101x 内容



Lt10x 外置式
传感器 x 4



扳手 x 1
防盗螺母 x 4

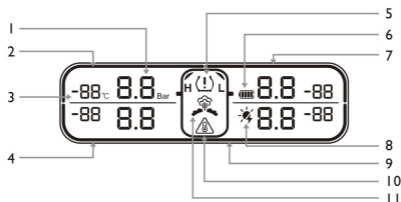


快速安装说明 x 1



- 内置式传感器需由专业人员安装
- 安装时请注意传感器位置

2 用户界面



1. 轮胎压力数据（以单位Bar显示）
2. 轮胎位置指示 / 左前
3. 轮胎温度数据（以 $^{\circ}$ C显示）
4. 轮胎位置指示 / 左后
5. 胎压过低 / 过高警示
6. 电池电量指示
7. 轮胎位置指示 / 右前
8. 太阳能充电指示
9. 轮胎位置指示 / 右后
10. 胎温过高警示
11. 快速漏气警示

当有报警出现时，指示灯/报警信号将闪烁以警示驾驶者。



本产品显示器内装有震动触发装置，正常关车门时对车体产生的震动会触发显示器点亮工作。
车辆行驶时，按任意键可提升背光亮度。
如轮胎气压或温度异常发生报警，显示器将提升背光亮度，蜂鸣器随即发出报警声。

3 快速入门

3.1 显示器开机

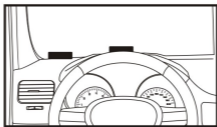
长按设置和确认键，直至液晶显示屏上有字符出现，随即同时松开两个按钮，此时显示屏显示如下。



- 显示器默认是低亮背景光模式，按任意键可提升背光亮度。

3.2 在车内安装显示器

1. 依据个人习惯在仪表板上选择合适位置，并清洁此处以便下步安装。



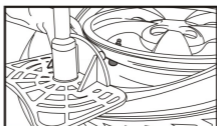
- 为达到最好接收效果请将显示器固定位置尽量远离车内导航系统主机，并且将显示器安放在仪表板平整处，避免安装在凹陷区域。
- 请勿将显示器放在安全气囊上。

2. 撕下显示器底部魔术贴上的保护膜，将显示器粘在仪表板上。

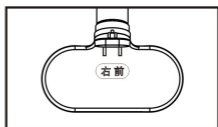
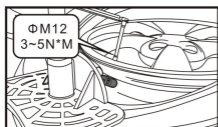
3.3 内置式传感器安装 (针对 TD5101i)

1. 按照轮胎拆卸标准流程将轮胎卸下。

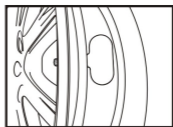
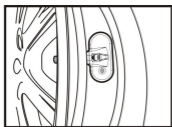
2. 将轮胎放气并放置在拆胎机上，用分离铲将轮胎与轮毂分离出10~15厘米。



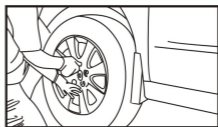
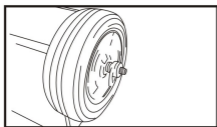
3. 按照Philips Lt20i 内置式传感器上标注的位置取代原气门嘴。



注意：请注意传感器与轮毂的贴合方向。



4. 将轮胎重新安装好并充气到标准压力值。
5. 将轮胎放置在动平衡机上完成动平衡处理。再将轮胎重新安装回车体。



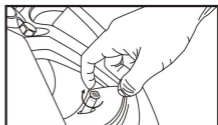


为保证显示正确，请务必按显示器上标注的位置指示安装在对应轮胎。

6. 当传感器安装完毕，显示器即显示出轮胎压力和温度值。如未显示，请参阅本手册第7章Q4。

* 内置传感器请到专业服务点进行安装（针对TD5101i）。

3.4 外置式传感器安装（针对 TD5101x）



1. 取下气门嘴保护帽。

2. 将防盗螺母旋在气门嘴上。



3. 根据传感器位置将传感器紧固在对应轮胎的气门嘴上。

4. 用提供的扳手将防盗螺母向传感器方向拧紧。



为保证显示正确，请务必按显示器上标注的位置指示安装在对应轮胎。

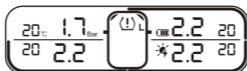
* 安装前请保证气门嘴干燥。

5. 当传感器安装完毕，显示器即显示出轮胎压力和温度值。如未显示，请参阅本手册第7章Q4。

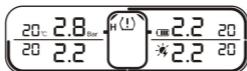
4 功能描述

4.1 报警功能

1. 低气压报警 – 当轮胎压力值低于标准压力值的87.5%。
标准压力值可参考本用户手册5.2章查阅或更改。



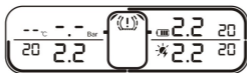
2. 高压报警 – 当轮胎压力值大于标准压力值的125%，
标准压力值可参考本用户手册5.2章查阅或更改。



3. 快速漏气报警 – 行驶状态下轮胎压力值在15秒内下降
大于0.2Bar， 停车状态下轮胎压力值在20秒内下降大
于0.2Bar。



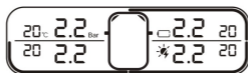
4. 信号丢失报警 – 行驶状态下显示器无法正常接收传感器
信号。



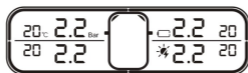
5. 高温报警 – 轮胎温度高于75摄氏度。



6. 传感器低电量报警 – 电池图标显示空格，相应低电量的轮胎位置指示框闪烁。



7. 显示器低电量报警 – 电池图标显示空格。



4.2 警报解除


1. 黄色警报（低气压 / 高压 / 信号丢失）：


- 报警蜂鸣器10秒后自动静音，或按任意键静音。
- 在报警问题解决前，蜂鸣器每间隔1小时再次响起提醒用户。

2. 红色警报（快速漏气 / 高温）：

- 报警蜂鸣器将不会自动静音。只有手动按下任意键或报警问题解决可停止蜂鸣器报警。
- 在报警问题解决前，蜂鸣器每间隔15分钟再次响起提醒用户。

5 系统设置

 **设置键：**短按可在当前菜单中在数字0~9中循环。
长按可进入菜单界面。

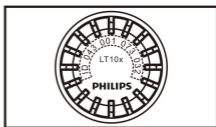
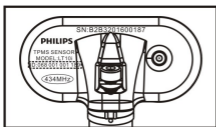
 **确认键：**短按可确认单个数字。
长按可确认所有数字。

5.1 查阅或更改传感器ID码

本胎压监测系统每只传感器都有唯一的ID码，出厂时ID码已依据传感器上标注的位置（左前/右前/左后/右后）与显示器配对。

当安装了内置式传感器的轮胎位置发生改变时，请手动在显示器中重新配置传感器位置。

5.1.1 如何找到传感器ID码



传感器ID码也可在包装内的快速说明书最后一页根据传感器出厂位置找到。

5.1.2 查阅或更改传感器ID码

a. 长按设置键，进入菜单1界面。



b. 短按确认键，左前传感器ID码如下图所示。



图例：
左前传感器ID码：
043 001 073 022

- c. 短按设置键可切换至右前 / 左后 / 右后。
如需要进一步更改ID码，继续下一步骤，否则请在此退出（参考章节 5.3）。
- d. 在需要更改ID码的位置界面下长按确认键直到所有数字都在闪烁。
- e. 再一次短按确认键，第一位数字开始闪烁，其他数字停止闪烁。
- f. 短按设置键更改正在闪烁的数字。
- g. 短按确认键确认此数字并进入下一个数字更改界面。
- h. 此界面所有数字都改好后长按确认键保存更改。
- i. 如有需要，重复步骤c到h。



为保证显示器正确显示轮胎压力和温度值，请确保传感器ID码和位置在显示器中正确设置。

快速设置步骤如下：

- I 请将显示器靠近一个装有传感器的轮胎。
- II 重复步骤 a - d。
- III 将安装了内置传感器的轮胎放气；安装了外置传感器的轮胎请用工具将传感器从轮胎上拧下。
- IV 显示器将自动获得此轮胎内传感器的ID码。
- V 重复步骤I到IV 将所有ID码设置完成。



5.2 查阅或更改轮胎标准压力值

1. 查阅已设置的轮胎标准值

本产品出厂时四轮标准压力值设定为2.2Bar，如有需要请根据实际车型更改标准压力值。

标准轮胎压力值配置可在以下地方找到：

- a. 车辆的用户手册。
- b. 驾驶员侧车辆前门和后门之间的门柱（B柱）。
- c. 靠近驾驶员的抽屉内。
- d. 油箱盖上。

2. 更改轮胎压力值

- a. 长按设置键进入菜单界面。
- b. 短按设置键一次进入菜单2。



- c. 短按确认键进入如下压力值显示界面。



- d. 长按确认键直到第一个数字开始闪烁。
- e. 短按设置键更改数字。
- f. 短按确认键确认当前更改并进入下一个数字。
- g. 重复步骤 e 到 f 直到所有的数字更改完毕。
- h. 长按确认键保存更改。

5.3 退出设置菜单

- a. 长按设置键进入菜单界面。
- b. 短按设置键两次进入菜单E。
- c. 短按确认键退出设置菜单回到主界面。



- 长按OK键可在2.2Bar和2.4Bar快速切换标准胎压。

6 产品主要特性

6.1 太阳能供电

显示器内置由太阳能板充电的电池，在电池满电情况下可保证显示器行驶状态下使用50小时，在停车状态下连续使用1个月。

请勿遮挡太阳能板，或将显示器置于影响接收阳光的地方。显示器也配有MicroUSB插口，可用任何5V USB充电设备充电。

建议在第一次使用前用充电设备将显示器充满电。



请勿覆盖太阳能板

6.2 长达4年的传感器寿命

以每天开车2.2小时计算，传感器寿命可长达4年。

6.3 耐高温电池

飞利浦胎压监测系统为车载环境设计，特别内置耐高温磷酸铁锂电池。

6.4 车规级传感器

采用车规级元器件，以ISO/TS16949质量标准认证的生产线生产，通过车规级严苛测试以保证传感器即使在极端环境下仍保持高可靠性。

6.5 加速度传感器自动检测功能

飞利浦TD5101接收器集成加速度传感器能够自动检测您爱车的状态，启动汽车时，接收器自动工作，停止汽车后接收器自动进入休眠模式。

6.6 防盗和防甩飞螺丝 (TD5101x)

用提供的螺母和扳手可快速简单的安装外置式传感器。通过两个螺母对顶产生的纵向应力，使传感器和气门嘴上的螺牙接触面上的压力增大，从而摩擦力增大，起到防松作用。

7 常见问题

Q1 为什么安装了飞利浦胎压监测系统后仍需定期检查轮胎?

A: 本系统可对汽车轮胎进行监测和报警,但不能保证避免因轮胎气压不足引起的突发事件的发生,用户应该借助本系统了解汽车轮胎的压力状况,并确保汽车在正常的轮胎压力状况下行驶,并避免使用质量不好或磨损严重的轮胎。

Q2 为什么显示器无法开机?

A: 通常是由于显示器电量过低自动关机。请使用USB充电设备给显示器充电。

飞利浦胎压监测系统以低功耗工作,但是当电池图标显示空格时,请立即将显示器连接到充电设备充电。

Q3 为什么有时候液晶显示器底色变蓝?

A: 通常是由于车辆长时间暴晒和车内温度升高导致。液晶显示屏的正常工作温度为 $-20 \sim 70^{\circ}\text{C}$,当车内温度过高时,显示器背光颜色会略变蓝,此现象不影响所有显示数字的正确性,当温度降低显示器颜色恢复正常。

Q4 为什么传感器安装完毕后显示器无数字显示?

A: 请按第2章步骤先将显示器开机再安装传感器,如果显示器仍然无显示请将车辆以大于20公里的时速行驶4分钟以上,以重新激活传感器和显示器的连接。

8 技术参数

传感器		内置式	外置式
工作温度	[°C]	-40~120	-40~85
防尘/防水等级	IP	6K9K	6K9K
使用寿命*	[年]	4	4
轮胎压力检测范围	[bar]	0~3.5	0~3.5
轮胎压力检测精度	[bar]	± 0.1	± 0.1
轮胎温度检测范围	[°C]	-40~90	-40~90
轮胎温度检测精度	[°C]	± 3	± 3
传感器尺寸	[mm]	64 x 76	23.2 x 20.5
传感器重量	[g/pc]	46	9.5

显示器			
USB充电电压	[V]	5	
电池种类	n.a.	LFP	
USB充电口	n.a.	Micro - USB	
工作温度	[°C]	-20~70	
存储温度	[°C]	-30~85	
USB充满电时间	[hr]	2	
使用时间 **	[day]	20	
液晶屏尺寸	[mm]	65 x 18	
液晶屏显示技术	n.a.	VATN	
太阳能板功率	[w]	0.5	
显示内容	n.a.	温度/压力 4轮同显	
显示器尺寸	[mm]	92 x 88 x 32	
显示器重量	[g]	140 ± 2	

* 基于每天开车2.2小时情况。

** 当电池充满电后。

所有时间参数均有一定误差。

9 免责声明

1. 使用本产品前请务必阅读本用户手册。
2. 本产品仅适用于轮胎气压在3.5Bar以内的（12V电瓶）车辆，包括轿车，跑车，越野车，商务车和皮卡车。
3. 本系统可对汽车轮胎进行监测，但不能保证避免因轮胎气压不足引起的突发事件的发生，用户应该借助本系统了解汽车轮胎的压力状况，并确保汽车在正常的轮胎压力状况下行驶。
用户应避免使用质量不好或磨损严重的轮胎。
4. 当产品发出声音或光学警报时，用户应尽快检查。
5. 本产品无法预报外力造成的突然性轮胎损坏。
6. 切勿在驾驶过程中操作本产品。
7. 请勿在车内使用不满足国家无线电设备标准的无线设备，以避免对本产品产生信号干扰，导致接收器无法正常接收。
8. 请严格遵守此手册说明的传感器安装方式，由用户自行安装传感器错误导致的产品失效和由此产生的后果本公司将不予承担。
9. 在安装外置式传感器以前，请仔细检查配合气门嘴的状况，避免使用已经有一定程度损伤的气门嘴，防止加装传感器之后产生轮胎漏气的情况。
10. 使用者不得自行打开，修理或改装本产品。内置式传感器需由专业人员安装。
11. 传感器电池寿命与汽车的行驶里程有关。
12. 由于摩擦轮胎温度会升高，长时间行驶后轮胎气压也将会较停车时或行驶时间较短时升高0.1-0.3Bar，并非故障。
13. 外置式传感器可被拆卸，用户需将车辆停放在安全的地方。
14. 用户在购买本产品后，务必正确填写保修卡并寄回经销商处，以便维护您的合法权益。
15. 安装本产品不能替代用户对汽车轮胎进行的定期检查，以确保安全行驶。



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