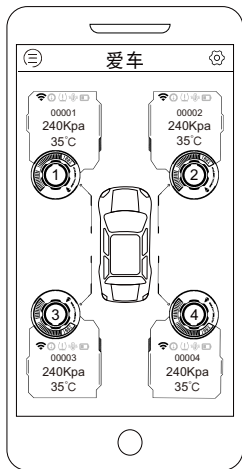


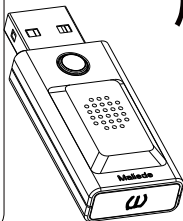


马力德



汽车蓝牙APP 胎压监测系统

使用说明书



使用前请仔细阅读产品使用说明书

目录

胎压监测系统简介及重要性	1
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APP下载和绑定说明	5
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胎压监测系统简介

胎压监测系统原理是利用安装在轮胎上的无线传感器来测量轮胎的气压和温度，利用无线发射器将信息发送到中央接收器模块上的系统，然后对轮胎气压和温度数据进行显示。当轮胎出现漏气、低压、高压、高温时，系统就会报警提示车主。并且车主可根据实际情况自行设定胎压报警值范围和温度报警值。

胎压监测系统重要性

- 实时掌握轮胎的胎压和胎温，大大保障了出行安全；
- 可一定程度上有效避免爆胎事故发生；
- 保持规定的轮胎气压和温度可以减少轮胎磨损；
- 防止胎压过高或过低，减少汽车油耗；
- 避免轮胎异常情况下的过度行驶对轮毂的受损碾坏。

产品注意事项

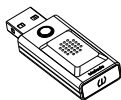
- 请正确使用本产品,并在允许范围内使用,如有超出其使用范围,本公司将不负责由此带来的一切后果;
- 此《使用说明书》适用于内外置TPMS,内外置传感器安装方式和使用寿命不同,使用原理一致;
- 若胎温胎压显示异常,请及时将车辆驾驶到附近维修店进行检查维修,以免发生意外;
- 外置传感器可拆开外壳更换电池;内置传感器使用的是内置电池,不可拆卸,请勿拆开;
- 使用说明书如有修改,恕不另行通知。

产品配件清单

款式1 (MLD-B01)



外置传感器
×4



语音播报器
(选配) ×1



防盗螺母
×4

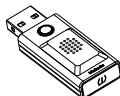


扳手
×1

款式2 (MLD-B08)



外置传感器
×4



语音播报器
(选配) ×1

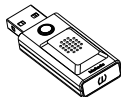


扳手
×1

款式3 (MLD-B05)



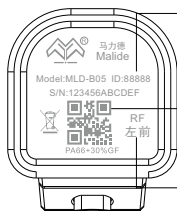
内置传感器
×4



语音播报器
(选配) ×1

传感器简介

内置传感器

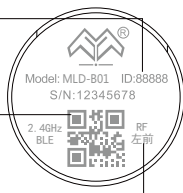


传感器 ID

ID二维码

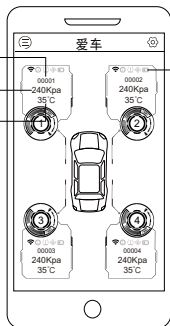
安装位置

外置传感器



显示器简介

传感器 ID
胎压数值
胎温数值



- 📶 信号接收标志
- ⚠️ 轮胎漏气标志
- (!) 轮胎胎压异常标志
- 🔥 轮胎高温标志
- 🔋 传感器低电量标志

APP下载方式

方法一、扫描右图的二维码下载。

方法二、在手机的应用市场搜索关键词
“马力德胎压监测”下载。



APP

APP绑定说明

- 1、打开手机APP, 点击右上角"⚙"进入设置界面;
- 2、点击"绑定新设备";
- 3、①手动匹配: 输入传感器的ID码;
②QR匹配: 扫描传感器的ID二维码;
- 4、绑定完成。

说明

- 1、传感器的ID码和ID二维码信息镭雕在传感器外壳上;
- 2、接收传感器数据时, 需打开手机蓝牙;
- 3、绑定后需行车唤醒传感器, 才能收到数据。

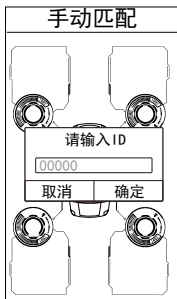


图1

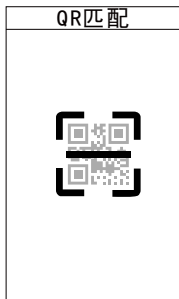


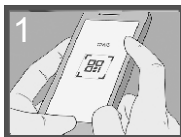
图2

外置传感器安装说明

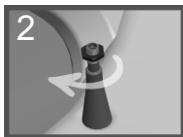
>>外置传感器安装步骤

说明

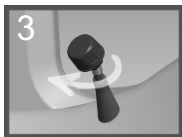
- 拧紧传感器后可用肥皂水喷在传感器和气嘴之间，观察是否有冒泡。如无气泡，则安装到位。
- B08款无防盗螺母配件，故无需进行步骤2和步骤4。



APP绑定



顺时针
拧入螺母

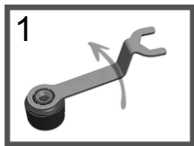


顺时针
拧紧传感器

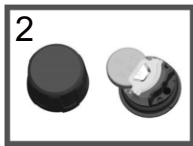


逆时针
拧紧螺母

>>外置传感器更换电池步骤



用扳手拧开传感器



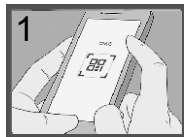
更换电池



拧上传感器

内置传感器安装说明

>>内置传感器B05安装步骤



APP绑定



拆卸轮胎



安装传感器



安装轮胎

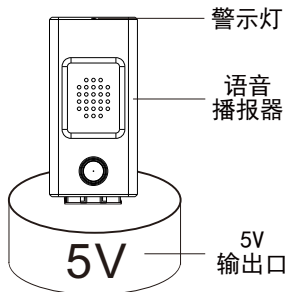
语音播报器安装说明(选配)

使用方法:

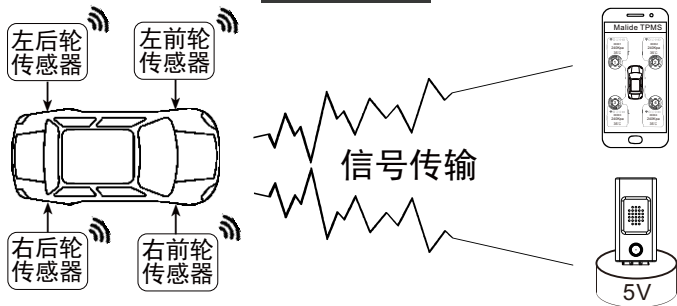
将语音播报器插入车充口或点烟器的USB
输出口。

说明

- 1、出厂时语音播报器已经配对好，可以直接使用；
- 2、如有更换传感器或修改报警阈值的情况，需要重新绑定语音播报器。



装车说明



异常报警说明

>> 轮胎胎压超出设定的安全设置范围或轮胎漏气

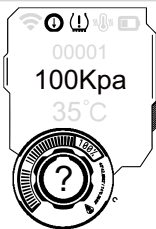
App 对应轮胎的胎压数值和胎压（漏气）

标志变红，语音警报胎压异常情况。

语音播报器 底部红色警示灯闪烁，
语音警报胎压异常情况。

说明

- 出厂默认的胎压安全范围为
1.9~2.8Bar



轮胎气压低/漏气

异常报警说明

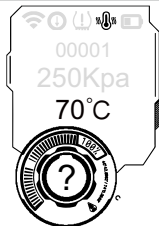
>>轮胎胎温超出设定的安全设置范围

App对应轮胎的胎温数值和温度标志变红，语音警报胎温异常情况。

语音播报器底部红色警示灯闪烁，语音警报胎温异常情况。

说明

- 出厂默认的胎温安全范围为 $\leq 65^{\circ}\text{C}$



轮胎胎温过高

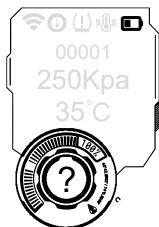
>>传感器电量低

App对应轮胎的电池标志变红，语音警报低电量异常情况。

语音播报器底部红色警示灯闪烁，语音警报低电量异常情况。

说明

- 当警报低电量时，请及时更换外置传感器的电池或内置传感器。



传感器低电量

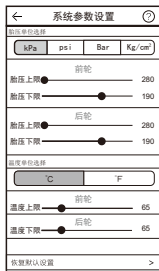
报警阈值设置

App报警阈值设置

- 1、打开手机APP, 点击右上角"☰"进入设置界面；
- 2、点击"系统参数设置"；
- 3、滑动滑块设置胎压胎压阈值参数。

说明

- 如需设置, 请仔细阅读本说明书后并按照车辆实际情况进行操作。



语音播报器报警阈值设置(选配)

- 4、按照1、2、3步骤设置好APP报警阈值；
- 5、点击设置界面的"配套设备绑定", 再点击"搜索设备"；
- 6、将语音播报器插入USB口, 长按播报器的按键至底部红蓝灯交替闪烁；
- 7、此时, App显示"MLD_R06", 点击后绑定成功。

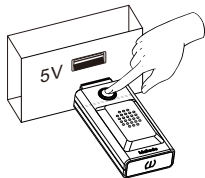


图1



图2

产品参数

产品型号	MLD-B01	MLD-B08	MLD-B05	MLD-R06
产品类型	传感器			接收器
安装方式	外置		内置	插入USB口
工作频率	2.4GHz			
工作电压	DC 2.4~3.3V			DC 5V
待机电流	$\leq 2.5 \mu A$	$\leq 2.4 \mu A$	$\leq 2.4 \mu A$	/
工作电流	$\leq 50 \mu A$	$\leq 55 \mu A$	$\leq 55 \mu A$	$\leq 9500 \mu A$
工作温度范围	-40~85℃		-40~125℃	
胎压监控范围	0~640 Kpa			
胎温监控范围	0~85℃		0~99℃	

常见问题解决

绑定好ID和安装传感器后,手机APP没有收到信号数据。

首先检查手机蓝牙是否打开,保持APP在手机前台,然后行车一段距离后可以收到数据。

行车一段距离后仍没收到信号数据。

重启手机App和蓝牙,行车时速需达到20Km/h以上,并保持20秒左右。

APP数据显示不更新。

需要手机打开APP和蓝牙并置于前台,并行车唤醒传感器后,APP才会更新显示数据。

每次启动行车后都有语音“胎温胎压正常,祝您一路平安”。

每次行车唤醒传感器后,语音播报器和APP接收到最新轮胎胎温胎压数据。如果数据均在设置的正常范围内,故会语音提示用户轮胎情况正常。

废弃产品处理。

更换电池或传感器后,请通过合法回收渠道处理。切勿将废弃产品和电池直接丢弃,防止污染环境。

CE FCC  SRRC

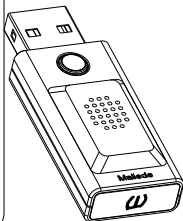
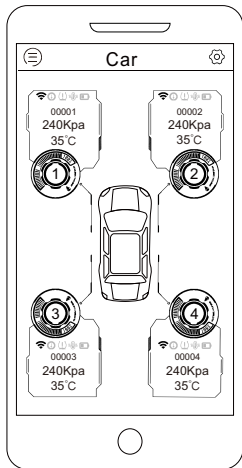
制造商：深圳市马力德科技有限公司

地址：深圳市龙岗区平湖街道富安大道华耀城13栋611

公司网址：<http://malide.com.cn/>



Malide



Car Bluetooth TPMS

User's Manual



Please read it carefully before use

Contents

TPMS Introduction and Significance.....	1
Precautions	2
Parts List.....	3
Product Description.....	4
APP Download and Binding	5
Installation Steps	6
Principle Explanation	8
TPMS Alarm Description	8
Alarm Threshold Setting	10
Product Parameter	11
Problem Solution	12

TPMS Introduction

The principle of the TPMS is to use wireless sensors installed on the tires to measure the tire pressure and temperature, and wirelessly send the information to the central receiving system for display. When the tire pressure or temperature is abnormal, the system will give an alarm to remind the owner. The owner can set the alarm threshold according to the actual situation.

Significance

- Know the tire status in real time, which greatly guarantees travel safety;
- Avoid puncture accidents;
- Reduce tire wear;
- Reduce car fuel consumption;
- Avoid damage to the wheel hub.

Precautions

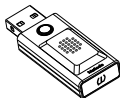
- Please use this product correctly and use it within the allowable range. The scope of its use, the company will not be responsible for all consequences;
- This "User's Manual" contains instructions for internal and external TPMS, please install according to the type of product purchased;
- If the tire temperature and pressure are abnormal, please drive the vehicle to a nearby repair shop for inspection and maintenance in time to avoid accidents;
- The external sensor can replace the battery, please read the manual carefully before operating; the battery of the built-in sensor is not removable, please do not disassemble.

Parts List

Set① (MLD-B01)



External Sensor
×4



Voice Broadcaster
(Optional) ×1



Nut
×4

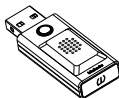


Wrench
×1

Set② (MLD-B08)



External Sensor
×4



Voice Broadcaster
(Optional) ×1

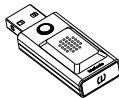


Wrench
×1

Set③ (MLD-B05)



Internal Sensor
×2

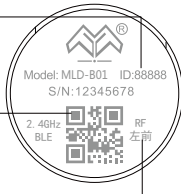
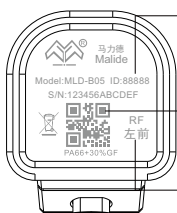


Voice Broadcaster
(Optional) ×1

Sensor Description

Internal Sensor

External Sensor



Sensor ID

ID QR-Code

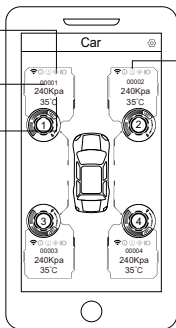
Installation Location

APP Description

Sensor ID

Pressure Data

Temperature Data



Signal Sign



Leakage Sign



Pressure Sign



Temperature Sign



Battery sign

APP Download Method

Method 1、Scan the QR code.

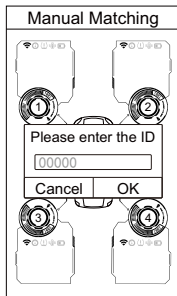
Method 2、Search "Malide TPMS" in the App store.



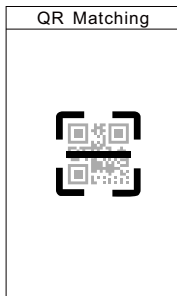
APP

APP Binding Description

1. Open the APP and click "⚙️" to enter the setting interface;
2. Click "Bind New Device";
3. ①Manual Matching: Enter sensor ID;
②QR Matching: Scan the sensor QR ID;
4. Bind successfully.



①



②

Note

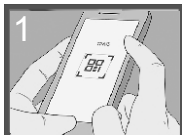
1. When receiving data, the phone needs to turn on Bluetooth.

External Sensor Installation Instructions

>>External Sensor Installation Steps(B01/B08)

Note

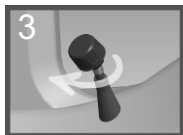
- After installation, water can be sprayed on the valve to check whether it is installed in place.
- For MLD-B08, step 2 and 4 are not required.



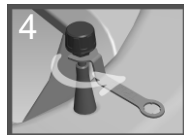
Binding IDs



Screw in
the nut

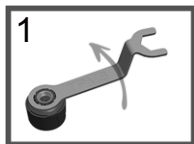


Tighten
the sensor

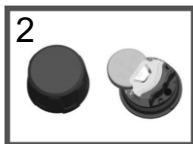


Tighten the nut
counterclockwise

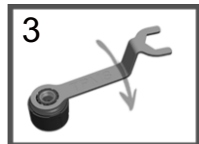
>>Steps of Replace The Battery



Open the sensor
with the wrench



Replace the
battery



Screw back the
sensor

Internal Sensor Installation Instructions

>>Internal Sensor Installation Steps(B05)



Binding IDs



Remove the tire



Install the sensor



Install the tire

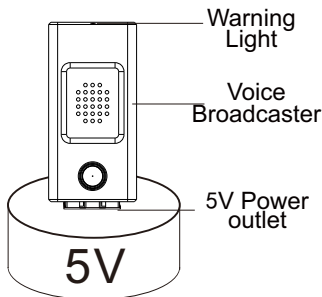
Voice Broadcaster Installation (Optional)

Instructions:

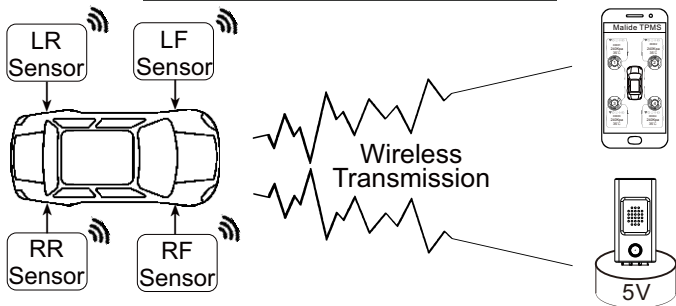
Insert the voice broadcaster into the car charger port.

Note

1. The voice broadcaster has been paired;
2. If you change the sensor or modify the TPMS parameters, you need to re-bind the voice broadcaster.



Principle Explanation



TPMS Alarm Description

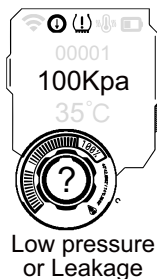
>>Exceed the safe pressure range or Leakage

APP: Tire pressure data and the sign will turn red and the App will alert.

Broadcaster: Red warning light will flash red and the broadcaster will alert.

Note

- The default tire pressure safety range is 1.9~2.8Bar.



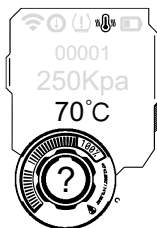
>>Exceed the safe temperature range

APP: Tire temperature data and the sign will turn red and the App will alert.

Broadcaster: Red warning light will flash red and the broadcaster will alert.

Note

- The default tire temperature safety range is $\leq 65^{\circ}\text{C}$.



High Temperature

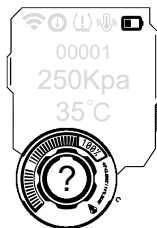
>>Sensor low battery

APP: The battery sign will turn red and the App will alert.

Broadcaster: Red warning light will flash red and the broadcaster will alert.

Note

- When the sensor battery is low, please replace the battery of the external sensor or the internal sensor in time.



Low Battery

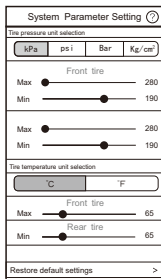
Alarm Threshold Setting

App alarm threshold setting

1. Open the APP and click "⚙️" to enter the setting interface;
2. Click the "System Parameter Setting";
3. Set the threshold.

Note

- Please read this manual carefully and operate according to the actual situation of the vehicle.



Broadcaster alarm threshold setting(Optional)

4. Follow the step1,step 2, and step 3 to set the APP alarm threshold;
5. Click "Supporting Device Binding" on the setting interface, and then click "Search Device";
6. press the button of the broadcaster until the light flashes red and blue;
7. Click "MLD_R06" displayed on the App(As shown in Figure 2) .

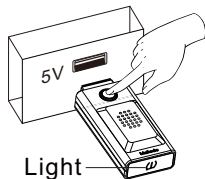


图1

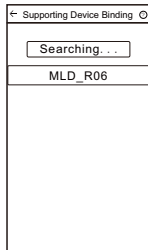


图2

Product Parameter

Product Model	MLD-B01	MLD-B08	MLD-B05	MLD-R06
Product Type	Sensor			Receiver
Installation	External		Internal	5V USB
Frequency	2.4GHz			
Working Voltage	DC 2.4-3.3V			DC 5V
Sleeping Current	$\leq 2.5 \mu A$	$\leq 2.4 \mu A$	$\leq 2.4 \mu A$	/
Working Current	$\leq 50 \mu A$	$\leq 55 \mu A$	$\leq 55 \mu A$	$\leq 9500 \mu A$
Working Temperature	$-40 \sim 85^{\circ}C$		$-40 \sim 125^{\circ}C$	
Monitoring Range of Pressure	$0 \sim 640 \text{ Kpa}$			
Monitoring Range of Temperature	$0 \sim 85^{\circ}C$		$0 \sim 99^{\circ}C$	

Problem Solution

After binding the ID, the APP does not display data.

Turn on the Bluetooth and APP of your phone, and you can receive data after driving.

There is no signal data even after driving.

Restart the App and Bluetooth, the driving speed needs to reach 20Km/h or more, And keep it for about 20 seconds.

The APP data is not updated.

When you are driving, you need to open the APP and Bluetooth, the APP will update the data after receiving the signal of sensor.

The voice "Tire pressure and temperature are normal, have a nice trip!" .

The voice announcer and APP receive the latest tire temperature and pressure data every time the sensor wakes up when driving. If the data is within the set normal range, the user will be prompted with a voice prompt that the tire condition is normal.

Disposal of waste products.

After replacing the battery or sensor, please dispose of it through legal recycling channels.

FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.