

iTPMSystem for iPod, iPhone, iPad User's Guide




1. Introduction

This Tire Pressure Monitoring System (TPMS) was designed for increasing security, reliability, and understanding on tire conditions of your car. Once you properly install the TPMS, these sensors will automatically monitor pressures and temperatures of tires in real time, and send these data to Receiver through Bluetooth communications. When there is any abnormal pressure (under or over inflated) and/or temperature of tire detected, iPhone, iPod, and iPad will alert driver immediately. This system could ensure you are driving in safety.

About This Manual

- ❖ The information in this manual is subject to change without notice.
- ❖ This manual has been created with extra care. In case that you have any comments or questions regarding this manual, please contact your local dealer or our Customer Service Center.
- ❖ Before operating this set, please fully understand the prerequisite such as specifications or constraints of the hardware and software. We are not responsible and have no liability for any loss, damage or injury as a result of misuse.

2. Check Accessories

Part	Photo	Qty
Power adaptor (12 to 5V)		1
Receiver BT6000i		1
AT68 sensor		4
Lock Nut	Refer to 3.2.3	4
Tool	Refer to 3.2.3	1
User Guide		1
Velcro		1

3. Installation

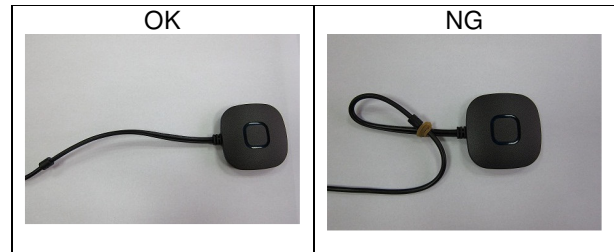
3.1 Install Receiver :

- 3.1.1 Plug in power adaptor.
- 3.1.2 Plug in USB connector of power adaptor.



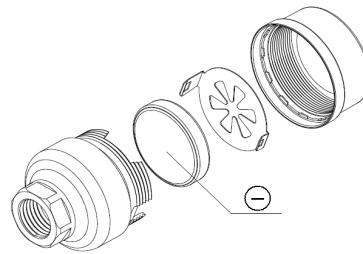
- 3.1.3 Use velcro to fix receiver.
- 3.1.4 The LED of receiver will be flashing once it gets sensor's signal.

NOTE: Do not make antenna curved



3.2 Install AT68 Sensor:

- 3.2.1 Install battery into sensor and tighten sensor top cap:

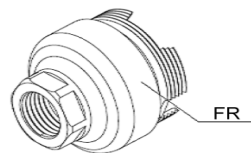


Note: Be sure that the battery polarity was correct.

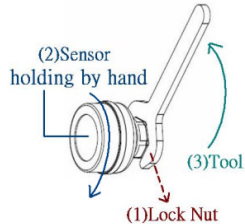
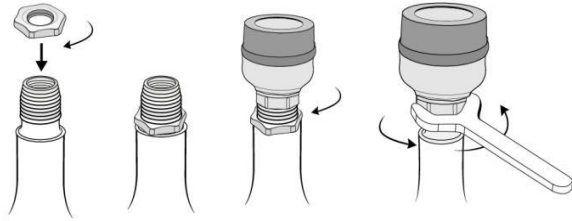
- 3.2.2 Check Sensor location:

FL: Front Left tyre, FR: Front Right Tyre

RL: Rear Left tyre, RR: Rear Right Tyre



3.2.3 Remove original valve cap and screw (1) lock nut first then (2) sensor onto valve stem.



3.2.4 Screw (1) lock nut back and using (3) Wrenches to lock tight. This two steps lock procedure can effectively prevents sensor from easy removing also in favor of sensor stationary.

Note: User may ignore this fixture, when causing inflation hassle concerns.

3.2.5 Continue to install all other sensors with the same procedure.

Note :

- (1) **Clean up the valve stem surface before installation to ensure the conductivity between sensor and valve.**
- (2) **Sensor shall be tight lock at valve steam to avoid leak.**
- (3) **Please replace sensor battery in case voltage is low less than 2.7v.**

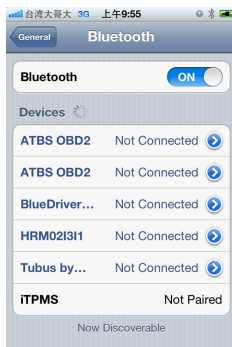
4. Install iTPMS APP:

The iTPMS is free download. Trough the iTPMS you can know tires' temperature, pressure, battery voltage and the tire sensors' ID.

Step1: Download the APP from Apple Store.

Step2: Pairing iTPMS to iPod, iPhone, iPad as follow:

- 4.2-1 Go to **Setting** → **General** → **Bluetooth** Page.
- 4.2-2 Turn on the Bluetooth, and it will scan the devices automatically.
- 4.2-3 Find iTPMS device and pair it.



Step3: Run the " iTPMS " installed on iPod touch, iPhone, and iPad to know your tires' status in real time.

5. Specification

5.1 BT6000i receiver :

Operation Voltage	USB 5V
Operation Current	50 mA
Operation Temperature	-10~ 70 °C
TPMS Frequency	433.92 MHz
BT Frequency	2.4 GHz

5.2 AT68 Sensor:

Operation Temperature	-40 °C to 125 ± 1 °C
Operating Humidity	100%
Frequency	433.92MHz
Monitoring Pressure	0~65± 1 PSI
Battery	3.0 V
Weight	8.5g
Battery Lifespan	About 12 months

6. NOTE and CAUTION :

- 6.1 No chemical allowed for clearing.
- 6.2 Do not place the unit at the dusty place. It could cause malfunction.
- 6.3 Connect the power plug securely. Improper connection will cause over current and may result in malfunction.
- 6.4 Do not remove cover, or modify the product. Contact your local dealer to perform servicing such as inspection, adjustment, or repair work.
- 6.5 This product prevents moisture, but not 100% waterproof; do not soak it in water
- 6.6 The product warranty for one year, please correctly use the product, due to natural and man-made disasters, drops, soak water, smolder, non-normal power supply and other damage caused, not within the warranty.

FCC Statement

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 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.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

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

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.

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