Instruction Manual

Tire pressure monitoring sensor

E10

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.

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

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.

Monitor Button	Description
-	Decrease / Switch (Power ON/OFF)
SET	Setting
+	Increase / Switch (Pairing)

Monitor Display Icon	Description
	Tire
	Sensor low battery
	Monitor battery indicator
	Alert
	Solar charging
BAR/PSI	Pressure unit (Selectable)
℃/℉	Temperature unit (Selectable)
8.8	Tire pressure value
188	Tire temperature value

CAUTIONS

It is strongly suggested to read below instructions before TPMS installation:

SAFETY PRECAUTIONS:

1. The monitor should be installed inside the vehicle driver cabin where it does not affect normal driving.
2. The monitor should be firmly fixed to prevent falling off during driving.
3. The tires' temperature and pressure could increase dramatically while driving, when it reach the alarm limits please stop vehicle to cool down and to avoid brake failure or tire blowout.
4. When tire pressure is continually increasing or dropping, please stop the vehicle and examine tires.
5. When high tire pressure is observed, please beware of possible tire blowout; when it's low tire pressure beware of fuel consumption and wheel balance
6. The system can effectively monitor tire pressure and temperature but cannot avoid traffic accident. Using quality tires and keep normal pressure in tires are essentially important.
7. Be sure of safety while checking tire data in monitor during driving.
8. With correct installation this TPMS system issues alert when abnormal situation appears, driver does not have to check the monitor frequently but should focus in safe driving.

INSTALLATION TIPS

1. After 10 minutes of no vehicle vibration detected the monitor goes into sleep mode, and can be awaken by vehicle vibration and starts receiving data from sensors. At the start some data might be missing in monitor, it'll be displayed when tire pressure or temperature updated.
2. Monitor and sensors transmit signals by wireless, with long effective transmission distance and anti-inference protection.
3. It's a normal situation that the tire pressure and temperature changing all the time during driving, as result of air expansion and contraction.
4. Tire air leakage with time is a normal phenomenon and is not caused or affected by TPMS.
5. For any question or problem of installation, please contact with local distributors.

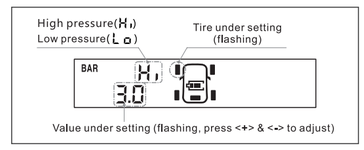
PARAMETER SETTING

This product is configured and ready for use, with factory default setting:

High pressure threshold: 3.0BAR (44PSI)
Lower pressure threshold: 2.0BAR (29PSI)
High temperature threshold: 70℃

MANUALLY SETTING PARAMETER

In Standby mode, pressing <**SET**> for 3 seconds to enter Setting mode, press <**SET**> to scroll through setting items, press <**-**> & <**+**> to adjust value, pressing <**SET**> until a beep issued to save setting and return to Standby mode, or press <**-**> & <**+**> at same time to abort without saving (after 1 minute of no operation, monitor automatically return to Standby mode without saving).

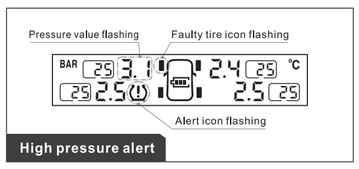


Setting items: Pressure unit – Temperature unit – Front tires pressure threshold – Rear tires pressure threshold …

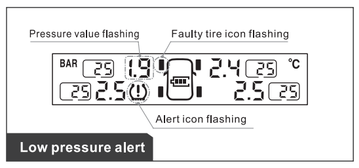
RESTORE DEFAULT SETTING

Turn off monitor, pressing <**-**> to power on again, within 3 seconds pressing <**SET**> until a beep issued, red backlight flash once, monitor is restored to original factory default setting.

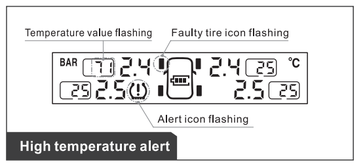
MONITOR ALERT DISPLAY



High pressure alert

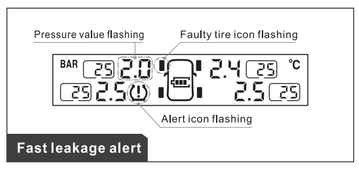


Low pressure alert

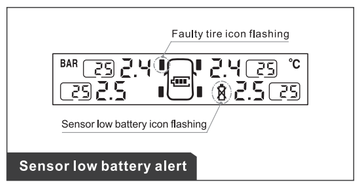


High temperature alert

MONITOR ALERT DISPLAY



Fast leakage alert



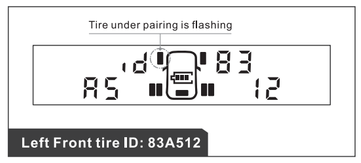
Sensor low battery alert

INFLATION PAIRING

Sensors are already paired with monitor and allocated as it's labeled, fix sensors to tires accordingly then it's ready for use.

In case of error, change tires, fix sensors on wrong location etc., make new paring by inflation:

1.Pressing <**+**> until a beep issued to enter inflation pairing mode.
2.Press <**+**> & <**-**> to select the desired tires.
3.Fix sensor to tire (please refer to TPMS Sensor Instruction Manual).
4.Pairing: Inflate tire until a beep issued and sensor ID displayed in monitor (as below), pairing success.



Left Front tire ID: 83A512

5.Pressing <**SET**> until a beep to save and return to Standby mode, or press <**-**> & <**+**> at same time to abort and return to Standby mode (after 1 minute of no operation, monitor automatically return to Standby mode without saving).

SPECIFICATIONS

Pressure threshold range	1.0~ 9.9BAR (16~99PSI)
Temperature threshold range	25℃~93℃ (77℉~199℉)
Operation temperature	-20℃~80℃
Storage temperature	-30℃~85℃
Input voltage	DC 5 V
Frequency	433.92MHz

CAUTIONS

1)Please follow the instruction manual in use of product, factory is not responsible for any consequences caused by misuse out of instruction manual.
2)Please install product according to instruction manual, factory is not responsible for any consequences caused by un-proper installation out of instruction manual.
3)Please set the alert threshold values according to specifications and parameters provided by tire manufacturer and its distributors, TPMS factory is not responsible for any consequences caused by faulty setting of the alarm threshold.
4)TPMS installation must be handled by technicians, be cautious of sensors in tire during maintenance and detaching/loading tire.
5)This instruction manual is subject to further revisions in need without prior notification, product images in this manual is for learning of instruction, actual products to prevail in kind.