Quick Operation Guide

Tire Pressure Monitoring System
(TPMS)

Picolink

Model No.: P11x

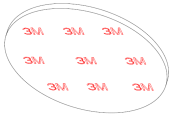
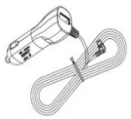
Technical Support

- Push ”Reset” button, can recover the preset status
- For downloading the manual and more information, please visit http://www.picolink.com.tw

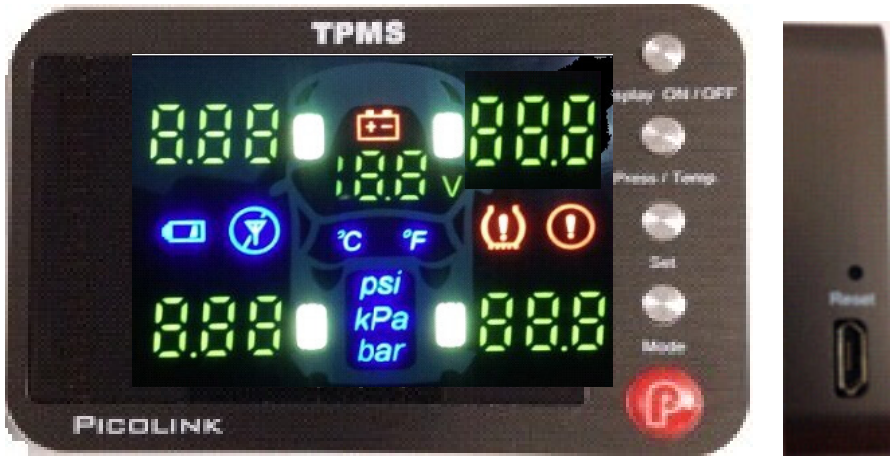
TPMS Warranty Card

Model No.	P11x	Serial No.	
Purchase Date	Y M D		
Agent Signature			

Packing Contents

Parts	Photo	Q`TY	Parts	Photo	Q`TY
Display Unit		1	Power Cable (P111)		1
Display Unit Stand		1	Screw With Washer		4
3M VHB Tapes		1	Transmi-tter		4
Metal Valve		4	Power Cable (P112)		1

Display Explanation



Bad Signal

Battery/Generator

Tire Pressure

Tire-leaking

Battery/Genera tor Voltage

Normal Tire

Transmitter Low-Voltage

Temperature Unit

Abnormal Tire

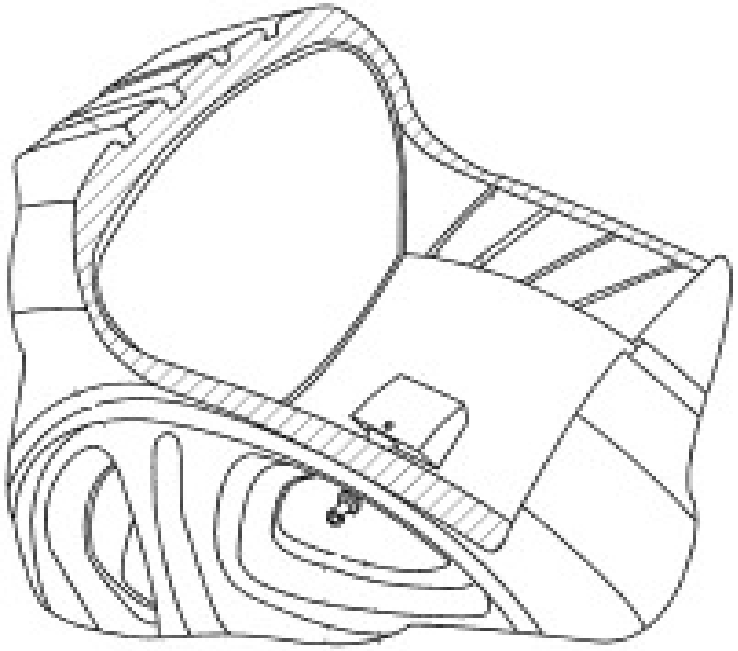
Warning

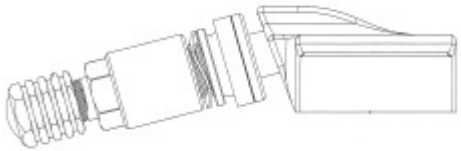
Tire Pressure & Temperature

Picolink
Model: P11x
FCC ID: 2AEJRP11X0

1. Transmitter Installation

a. The Photos Of Structures





b. Installation Process

1. Unload tire/valve from steel wheel
2. Clean the dirt of steel wheel and valve at their edges
3. Put the valve through the hole of steel wheel with washer and use 4 Nm torque to tighten the valve
4. To adjust the Transmitter to become vertical with the steel wheel. And use 2.2 Nm torque to tighten the screw on the transmitter
5. Please proceed from Step 1 to Step 6

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Step1: Take off 4 tires and mark
No.1～No.4 as the tire position.

Step 2: Take No.1(RF) tire and put the metal valve to the valve hole from “inside of the steel wheel”.

No.4 = Left Front (LF) ; No.1 = Right Front (RF)

No.3 = Left Rear (LR) ; No.2 = Right Rear (RR)

Step 3: To adjust the valve to become vertical with the steel wheel.

Step 4: Put the washer to the valve from “outside of the steel wheel”. Use torque wrench and hexagon wrench to set 4 Nm (40.8 kg . cm) torque to tighten the screw on the transmitter.

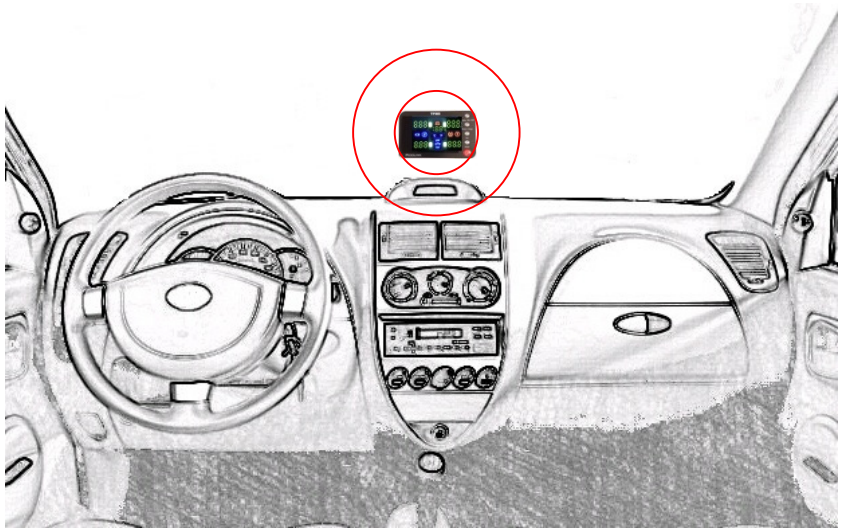
Step 5: Put transmitter in the valve and make the angle of the transmitter unit as flat as the steel wheel. And set 2.2 Nm (22.4kg ・cm) torque to tighten the screw.

Step 6: In turns to proceed No. 2 -> 3 -> 4 transmitter and repeat the action from Step 1 to Step 5. Finally to proceed the tire balance correction.

2. Receiver Installation

a. Install display and its stand.

b. Use 3M VHB tapes to paste the stand to the position you choose at the console.

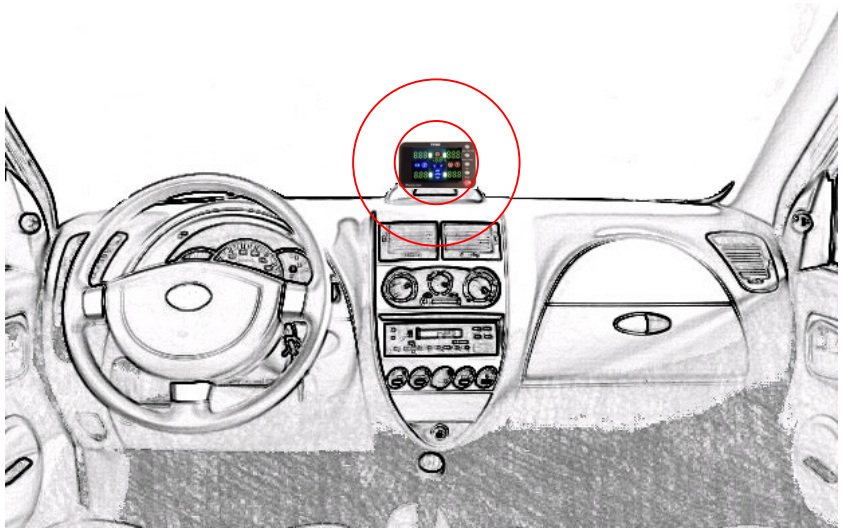


c. Plug the power cable with micro-USB beside the receiver.

d. (Model No.: P112) Put the car charger connecter into the its socket.

Note: (Model No.: P111) Put the red wire of the power cable with fuse box and the black wire with the ground.

e. Adjust the right angle of the stand in order not to influence the driving. Finish the installation and start using this TPMS.



3. System Specification

a. Receiver Specification

Operation Voltage	DC 5V
Channel Quantity	1 channel
Demodulation	FSK
Storage Temp.	-40℃ ~ +125℃
Operation Temp.	-25℃ ~ +75℃
Weight	70 g
Dimension	85*55*14 (mm)

b. Transmitter Specification

Operation Voltage	DC 3V
Channel Quantity	1 channel
Modulation	FSK
Occupied BW	Max. 1MHz
Frequency	433.92 MHz
RF power	Max. 80 dB μV/m
Storage Temp.	-40℃ ~ +85℃
Operation Temp.	-30℃ ~ +85℃
Pressure Range	0~80 psi
Pressure Accuracy	± 1 psi
Temp. Accuracy	± 3℃
Battery Life	5~7 years
Weight	25 g ± 2 g
Dimension	58*29*19 (mm)

FCC Notices

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: Change or modification not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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 grantee of this device could void the user's authority to operate the equipment.

RF exposure warning:
The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment. The equipment must not be co-located or operating in conjunction with any other antenna or transmitter.