



**I YUAN PRECISION
INDUSTRIAL CO., LTD.**

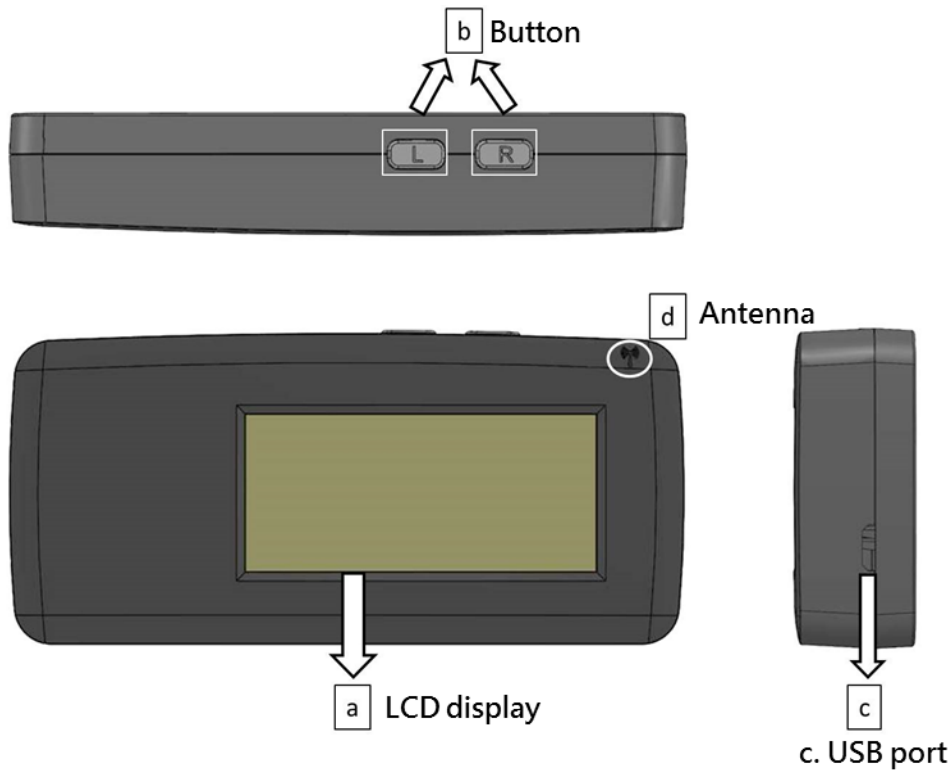
TIY-082002

Universal TPMS Display

USER MANUAL

1. TPMS Display Information

1-1. TPMS Display Description



a. **LCD Display:** To show information.


b. **Control Button:** To Operate TPMS Display.

c. **USB PORT:** To Connect TPMS Display to PC for software update or power source.

d. **Antenna:** To trigger TPMS sensor.

1-2. Button Description

1. **Right Button (RB):** 

2. **Left Button (LB):** 

1-3. Specification

Dimensions :	121.89mm(4.8”) x 56.37mm(2.22”) x 21.32mm(0.84”)
Communication ports :	Micro USB
Display :	VA, Negative, Transmissive LCD
Weight :	77.3g (0.17lb)
Operational temp :	32°F to 122°F
Relative humidity :	10-90%
RF Reception	315 & 433 MHz

1-4. Accessories Included

- a. **User Manual:** Instructions for operations.
- b. **USB Cable:** For online update or power supplying.
- c. **Touch Fasteners:** For adhesive installation.

2. Instructions for first time using and installing

Connect power source (powerbank or battery holder) to TPMS display with USB cable.



3. Choose Car Manufacturer

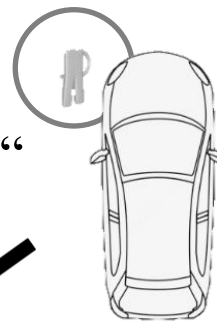
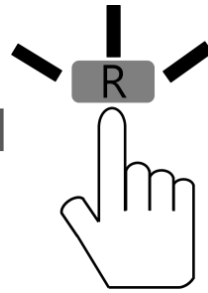
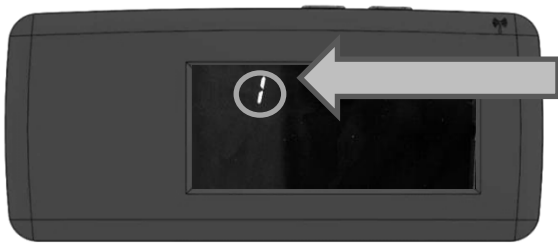
Refer to following form and find manufacturer number of your own car.

Manufacturer NO.	Manufacturer NO.	Manufacturer NO.	Manufacturer NO.
Audi 7	Ford 2	Plymouth 2	Lamborghini 9
Acura 3	Freightliner 6	Pontiac 1	Rolls-Royce 7
Alfa Romeo 6	Land Rover 10	Porsche 7	Saturn 5
Aston Martin 9	Lexus 1	Rolls-Royce 7	Scion 1
Bentley 7	Lincoln 2	Freightliner 6	Smart 8
BMW 7	Lotus Cars 8	Genesis 4	Subaru 1
Bugatti 7	Maserati 7	GMC 5	Subaru 1
Buick 5	Mazda 2	Honda 3	Suzuki 5
Cadillac 5	McLaren 7	Hummer 5	Tesla 9
Chevrolet 5	Mercedes-Benz 6	Hyundai 4	Toyota 1
Chrysler 6	Mercedes-Maybach 6	Infiniti 8	Volkswagen 7
CMC 10	Mercury 2	Isuzu 5	Volvo 9
Dodge 6	Mini 7	Jaguar 10	VPG 2
Ferrari 7	Mitsubishi 6	Jeep 6	
Fiat 6	Nissan 8	Kia 4	

4. Sensor Pairing

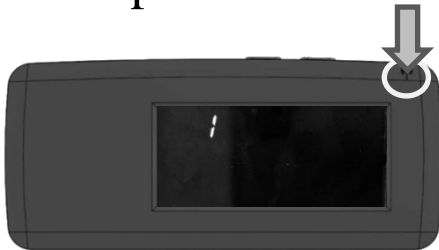
Start pairing from “left front wheel.”

4-1

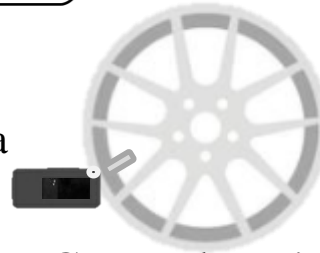


Quick press to switch manufacturer.

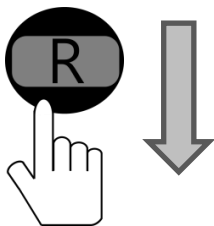
4-2 Keep antenna near tire valve.



Keep antenna
near valve



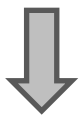
Come closer!



4-3 Press and hold  until car image appears.



It will take different time which depends on car manufacturer.
Number on left front wheel will be running when pairing.



4-4 Wait for few minutes



[111] appears when successful pairing .

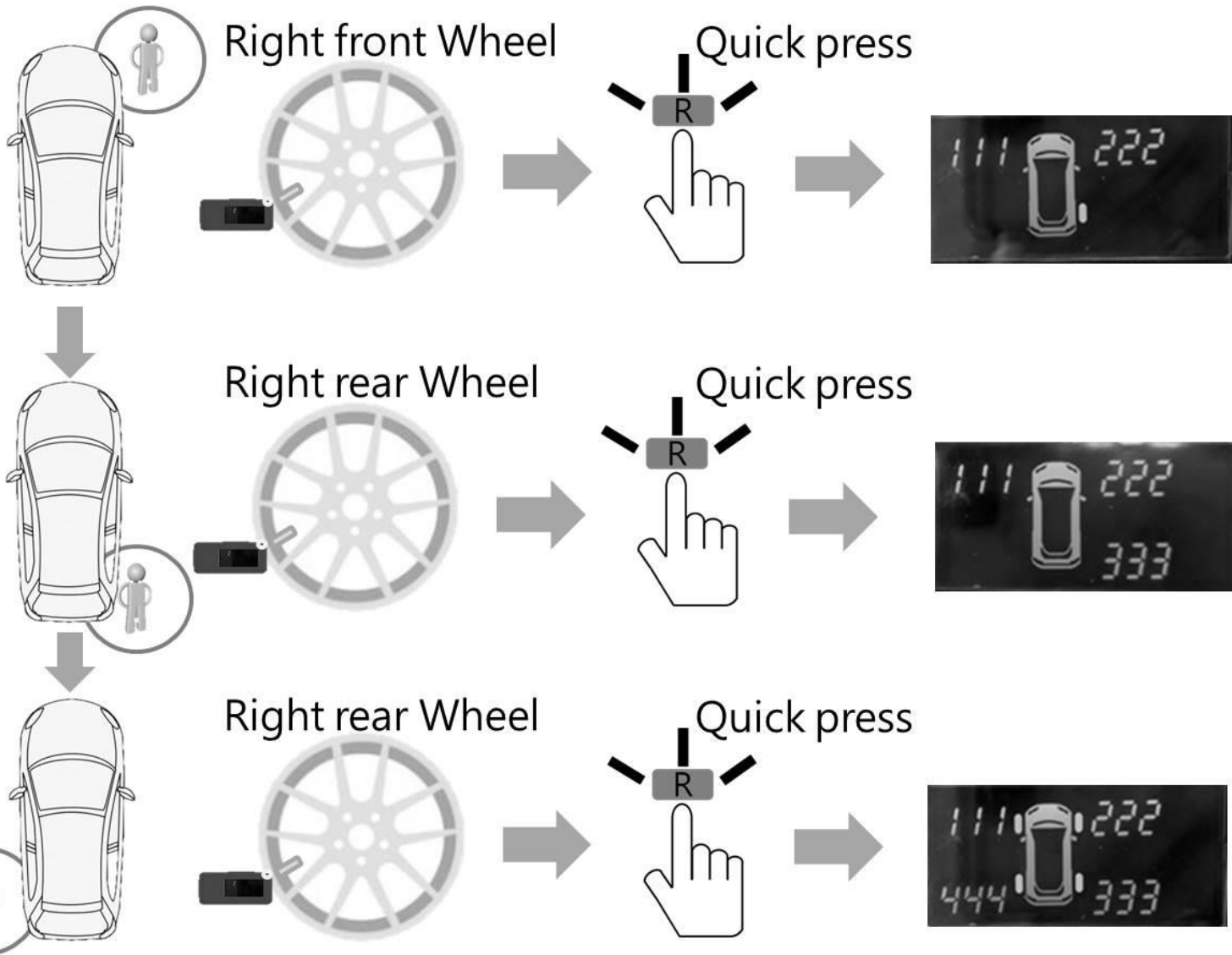
Follow the instructions on next page
to continue.

※ In case of failure, don't put anything between antenna and tire valve when pairing. If it fails, start from step 4.1 again.

5.



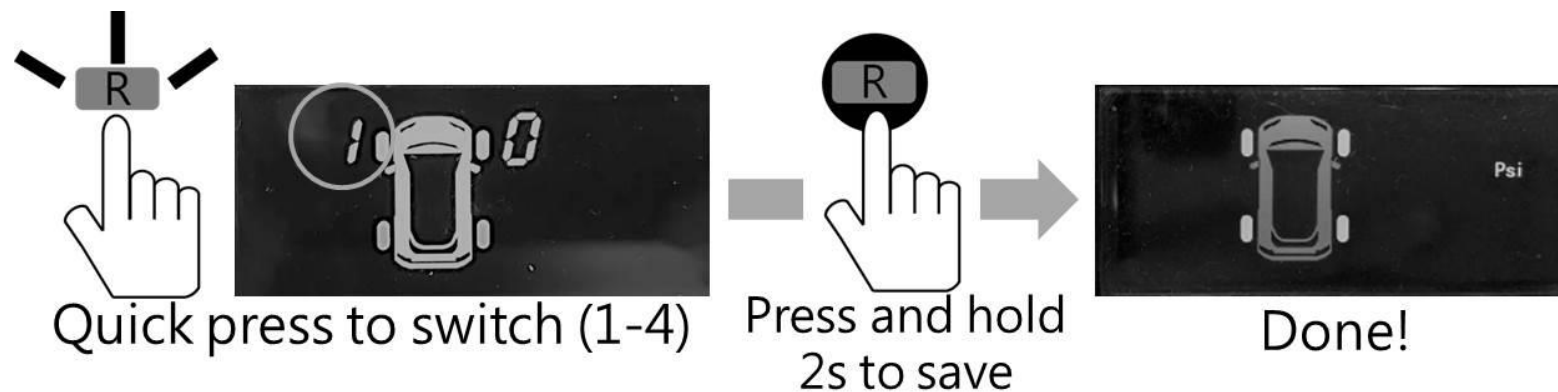
Left Front Wheel was paired in previous steps.
Please do following procedure to complete.



Follow the instructions on next page to save data.

6. Save data

There are 4 storage locations (1-4) you can use.



7. Install on your car and start using

Install TPMS display at position you want and connect to power source on your car.

From now on, tire pressure and temperature can be monitored in the Monitor Mode.

※Default settings

Unit : PSI / °F

Pressure Warning : 75% of tire pressure when first time pairing.

Buzzer : On

If you want to change settings, please follow the instructions on page 7-10.

8. Display installation

2 methods to install display :

Paste 2 touch fasteners on backside of display

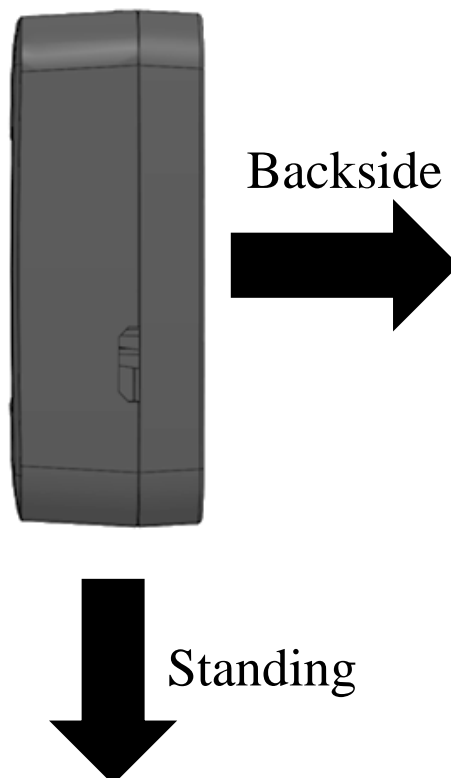


or

paste 2 touch fasteners on bottom of display.

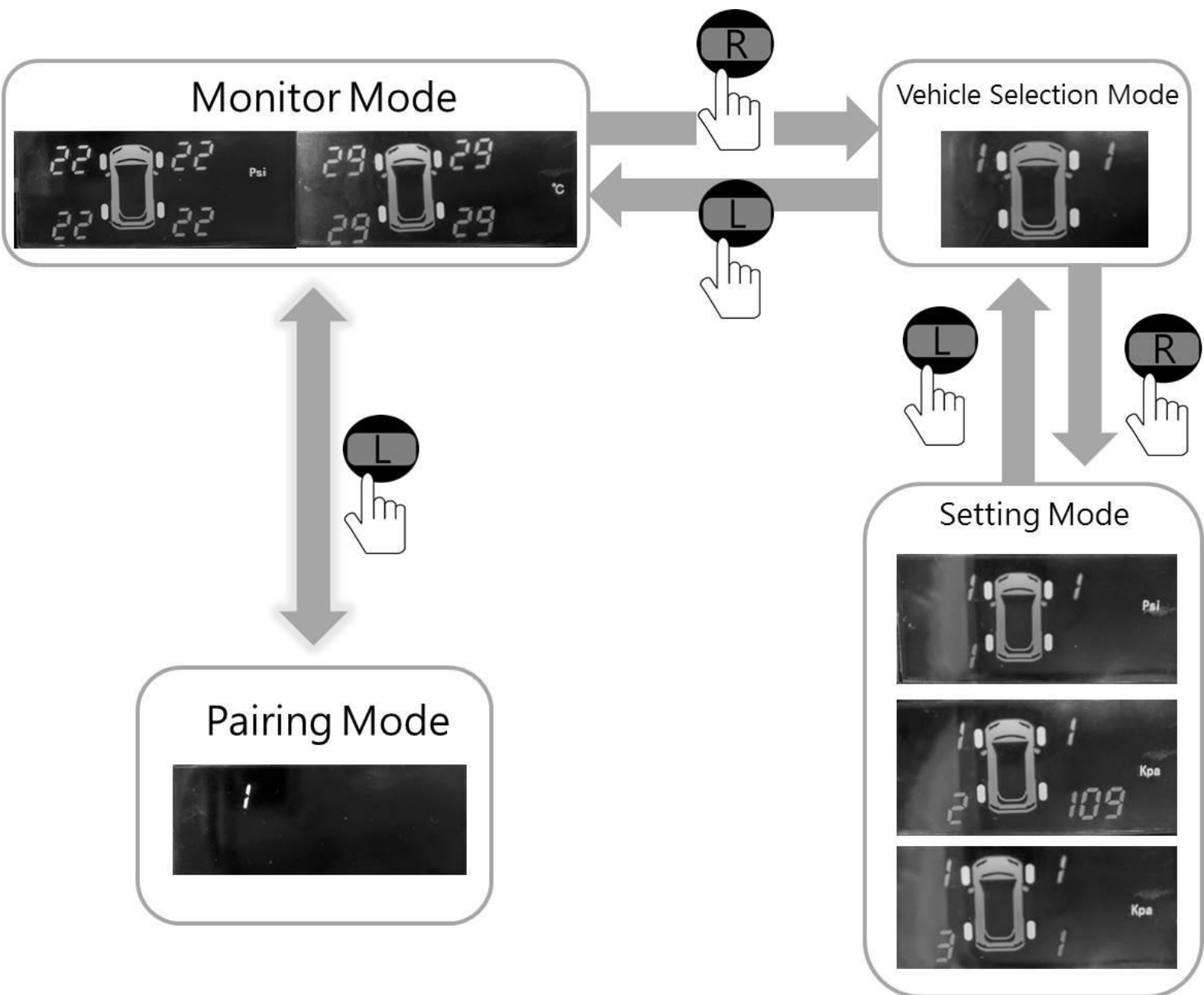
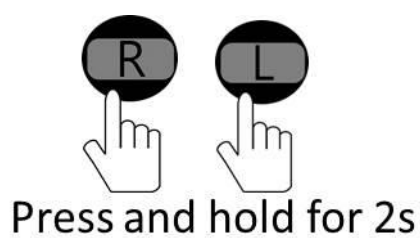
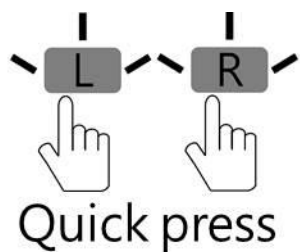


Pasting direction :



9. Operation to Change Mode

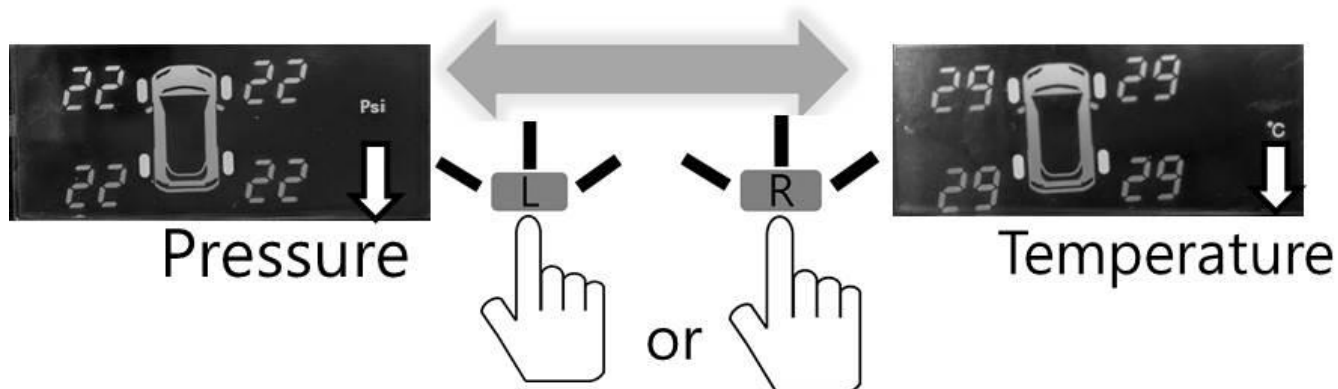
Follow instructions to change mode.



10. Operation Instructions

10.1 Monitor Mode

Quick press any button to show pressure or temperature.

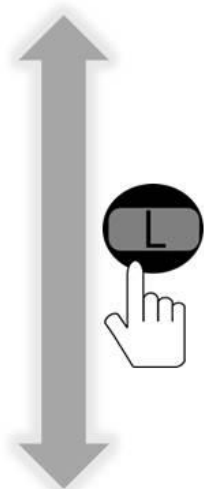


Pairing Mode

Monitor Mode



Follow the instructions on page 7 to change mode and instructions on page 3-5 to learn new car.



Pairing Mode



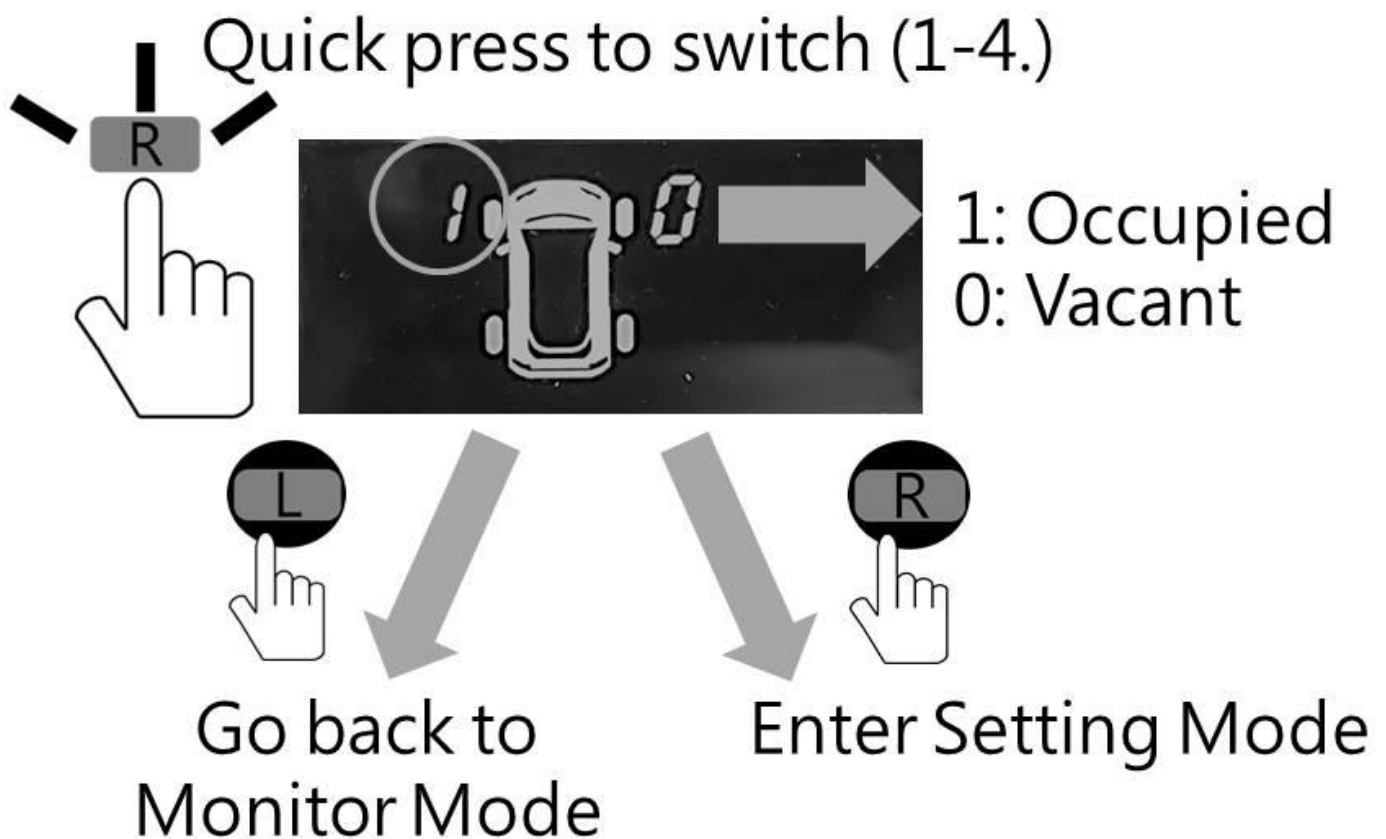
If you don't want to do learning procedure, press and hold for **L** 2s to return to Monitor Mode.

10.2 Vehicle Selection Mode

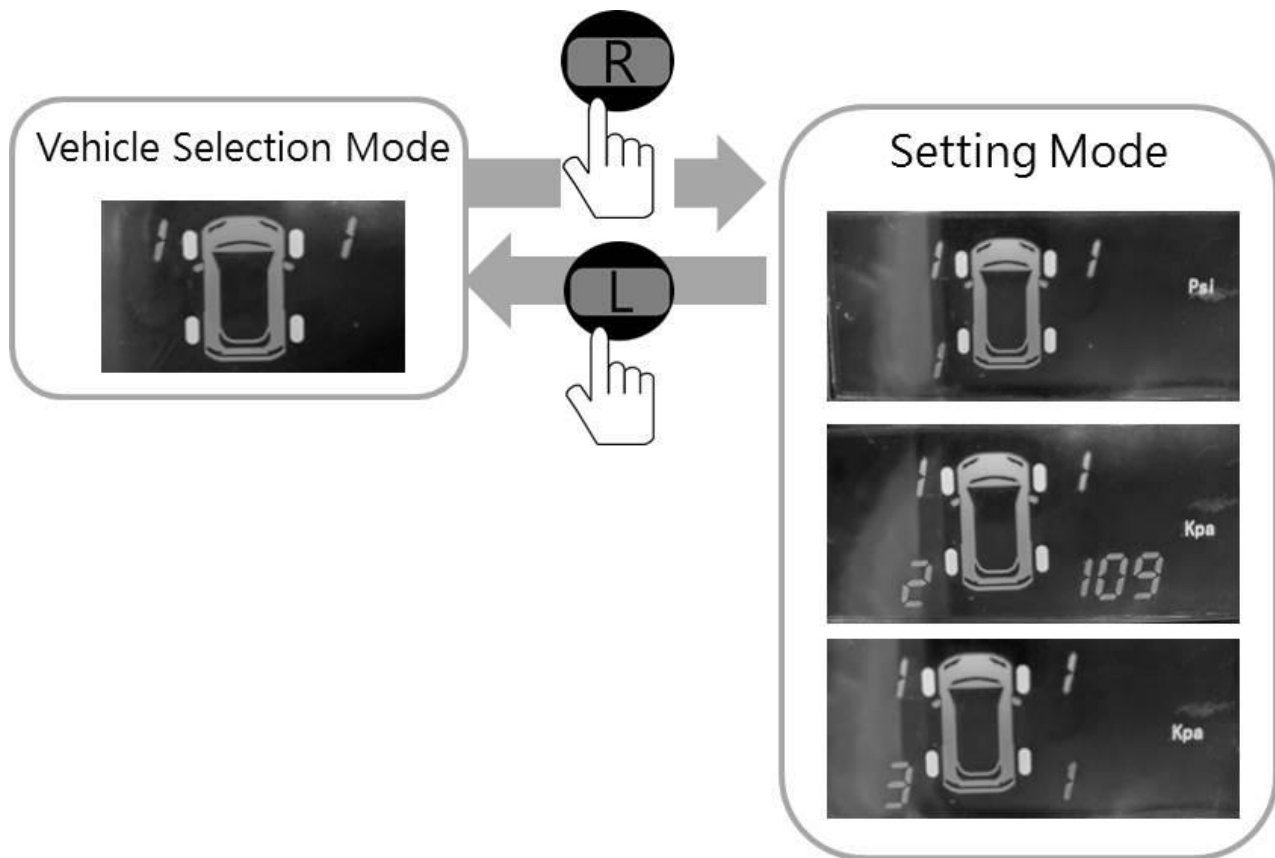
Follow the instruction on page 7 and enter Vehicle Selection Mode.



Quick press **R** to switch vehicle which you have saved before.



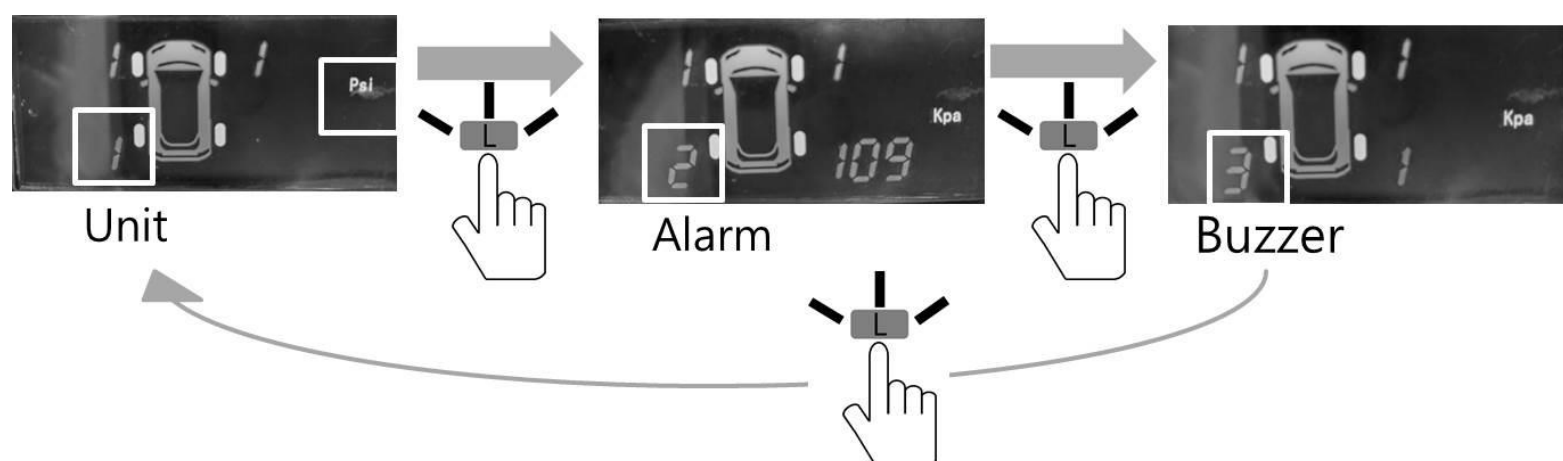
10.3 Setting Mode



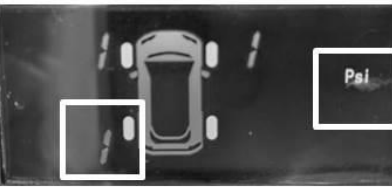
Follow the instructions on page 7 and enter Setting Mode.

Quick press to switch number on left rear wheel and follow steps on next page **L** to change settings.

Press and hold for 2s to leave this mode whenever you want.

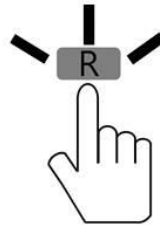


UNIT



Unit

Pressure:
Temperature:

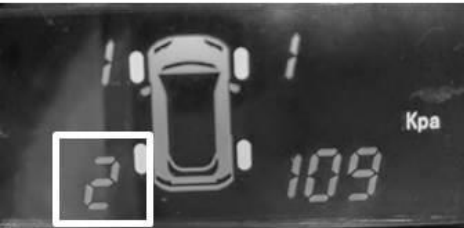


to switch PSI/KPA ,
to switch °C /°F ,



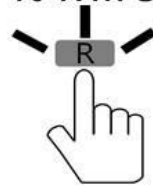
to confirm.
to confirm.

Alarm



Alarm

If tire pressure is lower than this value,
it will start waring.



to adjust the number of each digit.

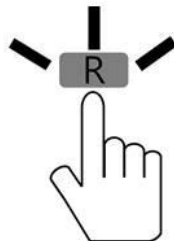


to switch digit.

Buzzer



Buzzer



to switch number.

1 : Buzzer On
0 : Buzzer Off

Federal Communication Commission Interference 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.

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

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.

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前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。