



oricom TPS9I TPMS Tyre Pressure Monitoring System User Guide

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oricom TPS9I TPMS Tyre Pressure Monitoring System



Pack Includes



Display **X1**



Sensor **X4**



Anti-slip mat **X1**



User Guide **X1**

Keep this user guide for future reference.

Always retain your proof of purchase in case of warranty service.

Need Help?

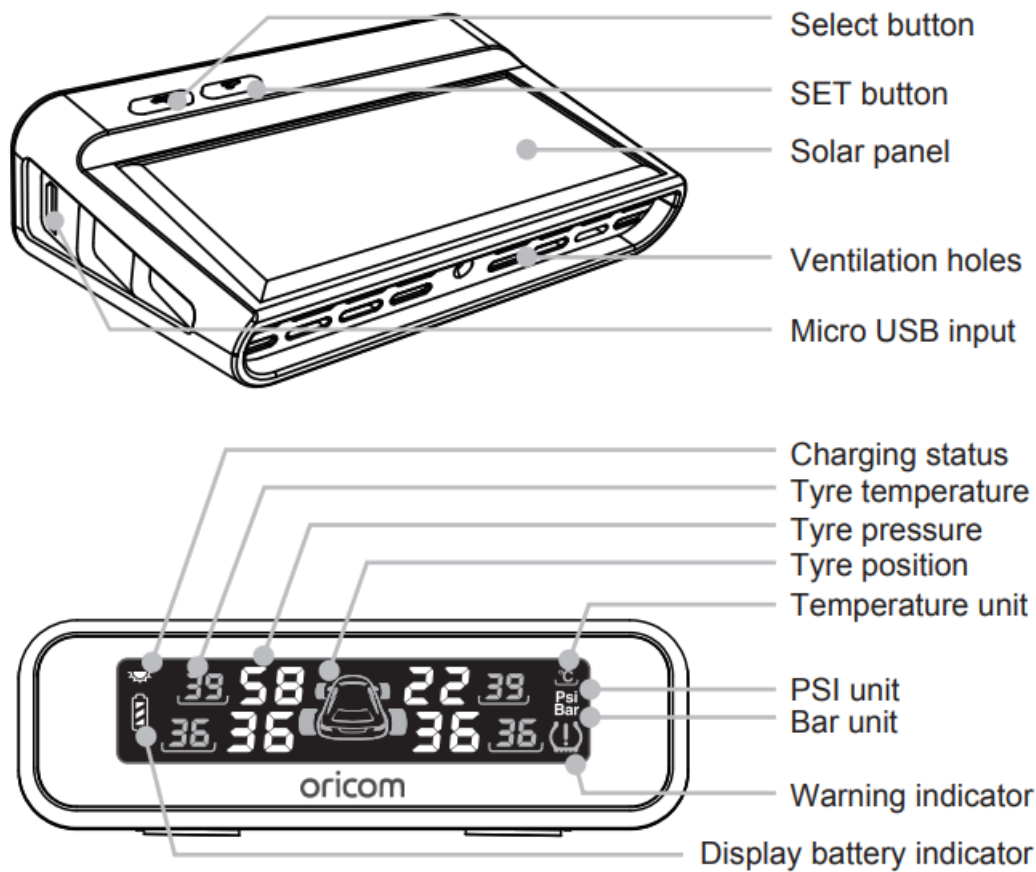
If you need assistance setting up or using your Oricom product now or in the future, call Oricom Support.

Australia 1300 889 785 or (02) 4574 8888

www.oricom.com.au

Mon-Fri 8am – 6pm AEST

Product Overview



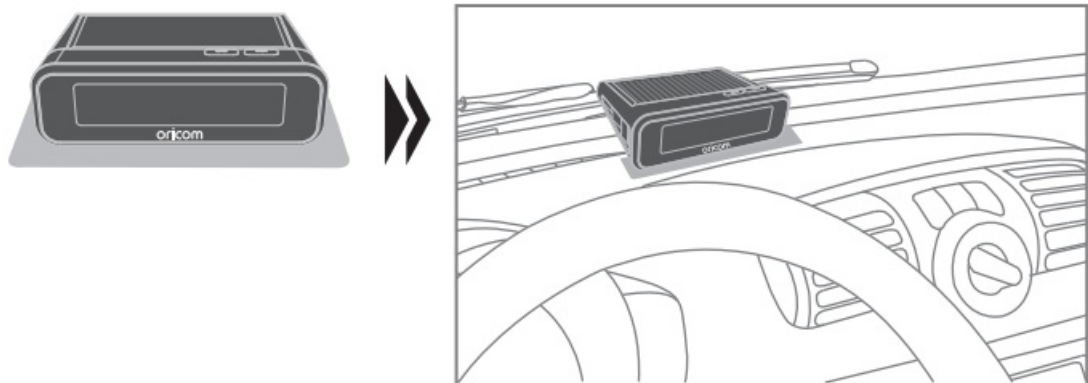
Notes:

- Hold "↔" for 3 seconds to turn the display on/off
- Hold "↔" + "+" for 3 seconds to reset the unit

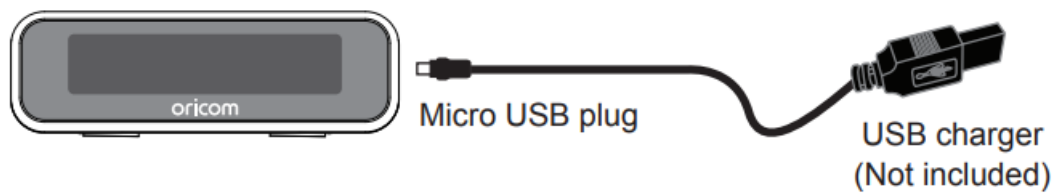
Display Installation

1. Installation position

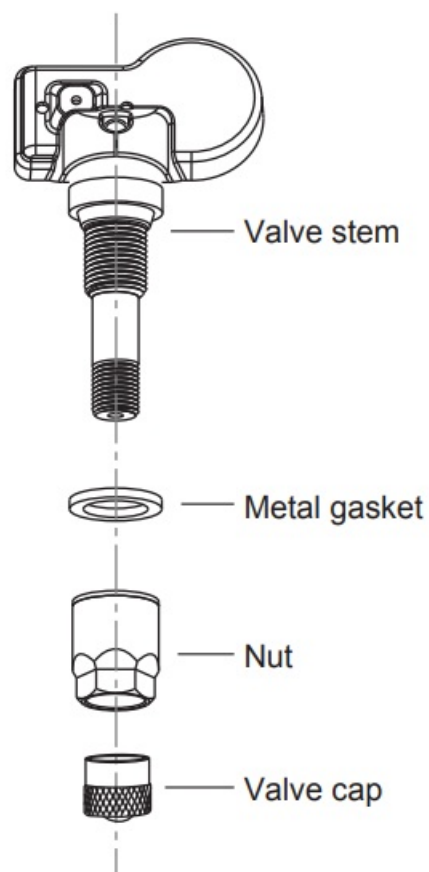
- Place the anti-slip mat under the display.



2. USB charging connection

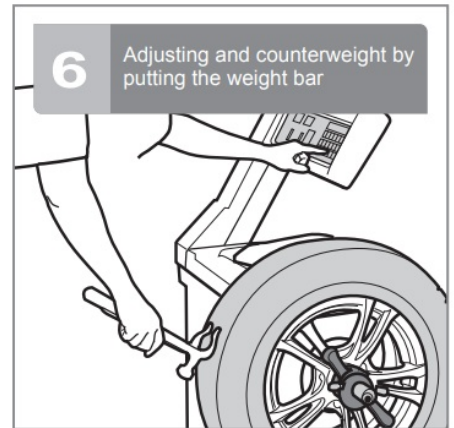
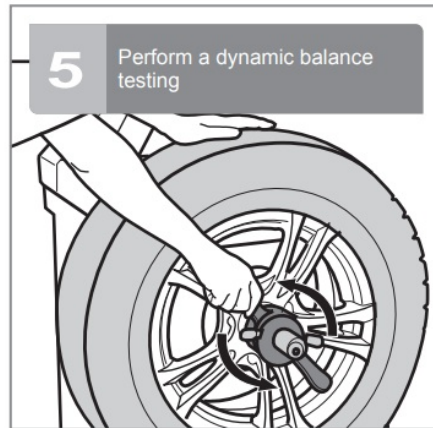
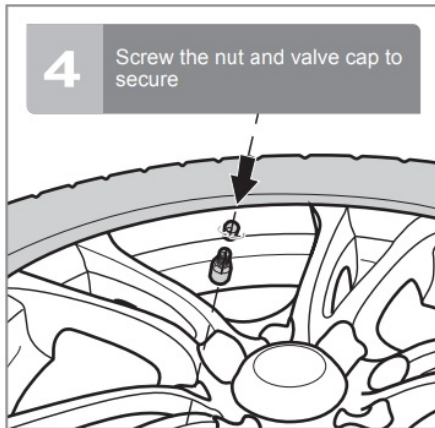
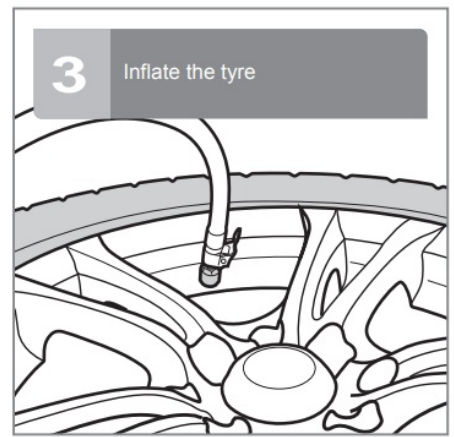
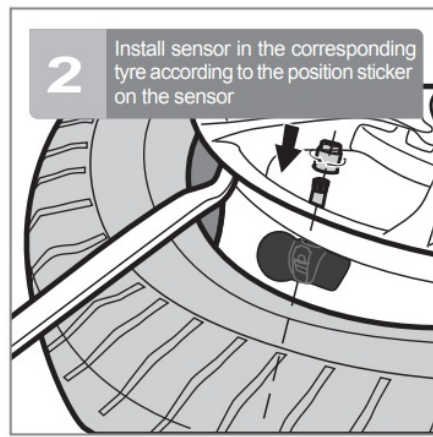
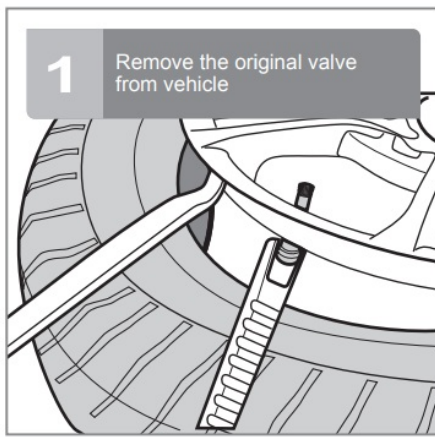


About the TPMS Sensor



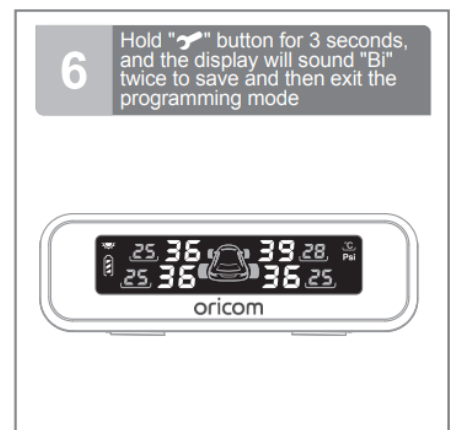
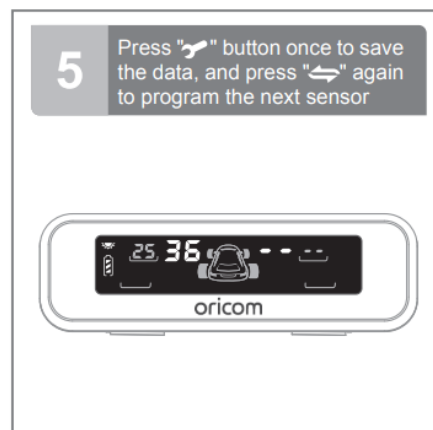
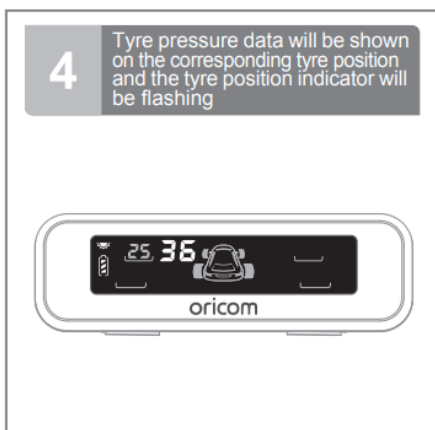
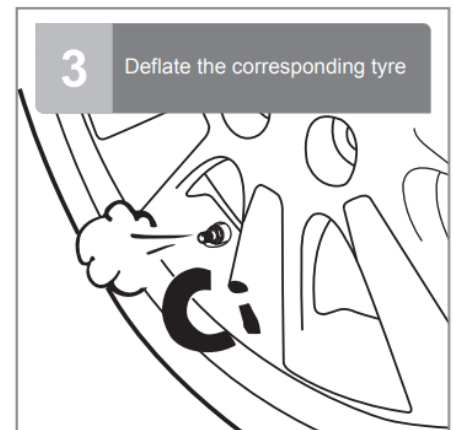
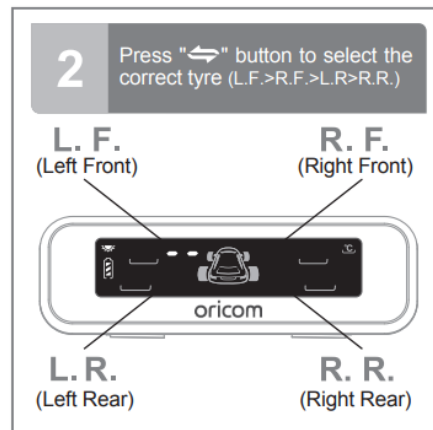
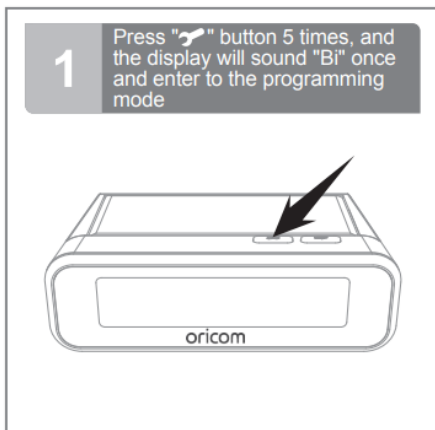
Please note: The metal gasket, nut and valve cap are to be installed outside of the wheel hub.

Sensor Installation

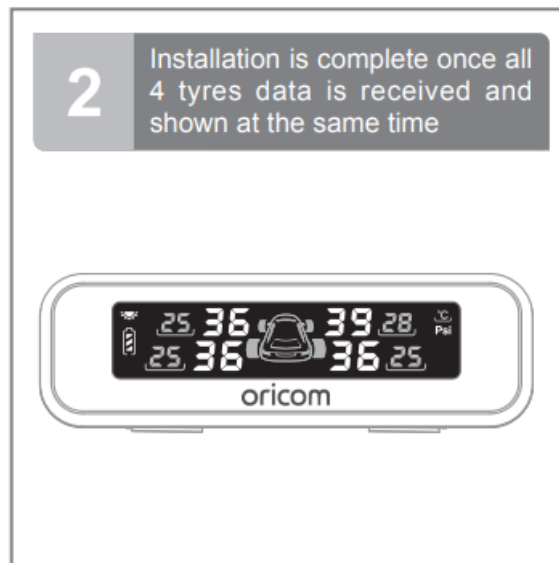
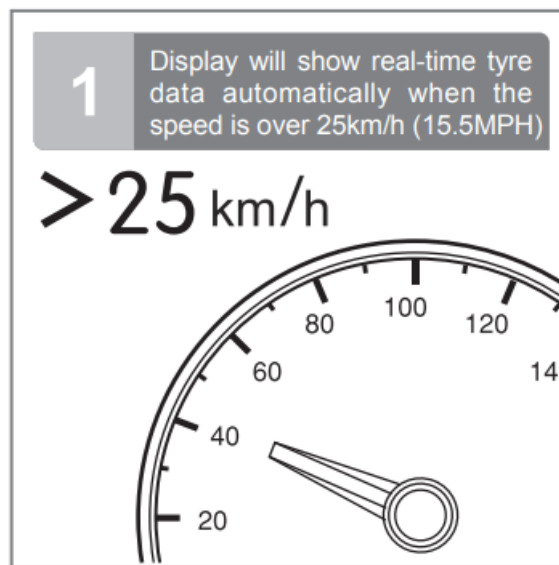


Sensor Programming (Please Note: All sensors are pre-programmed)

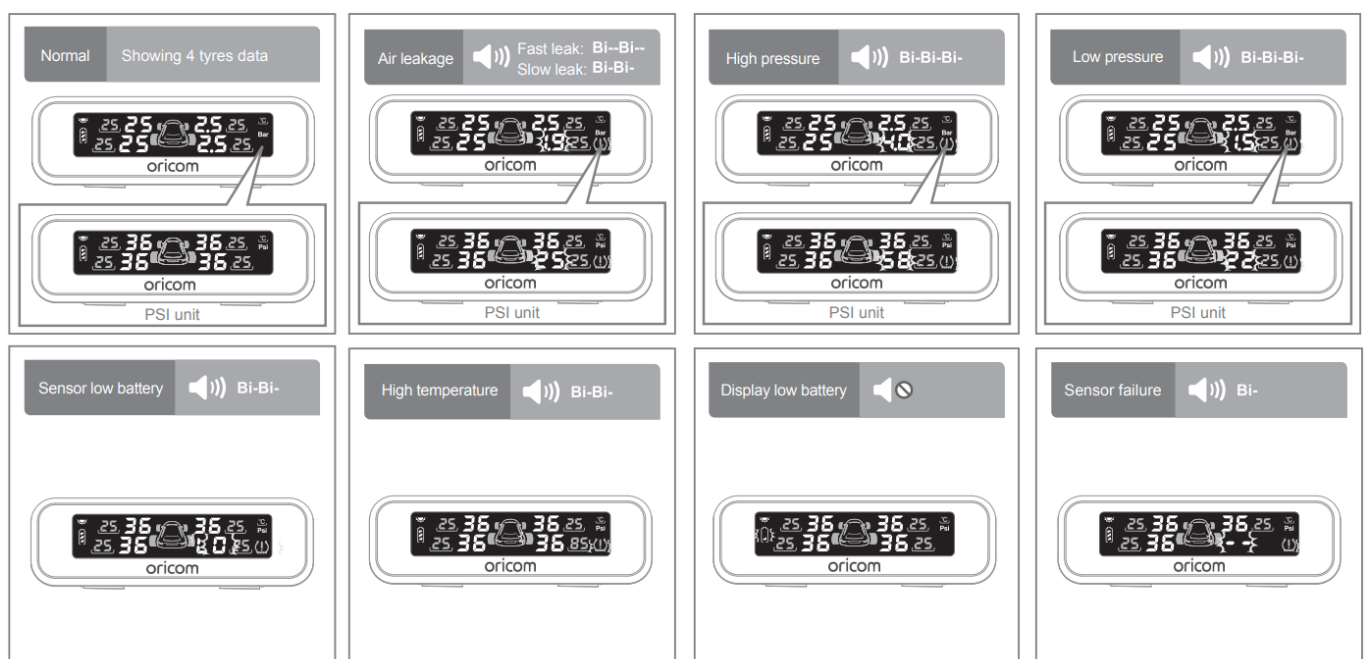
Follow the instructions below to reprogram sensors after tyre rotation/ new install.



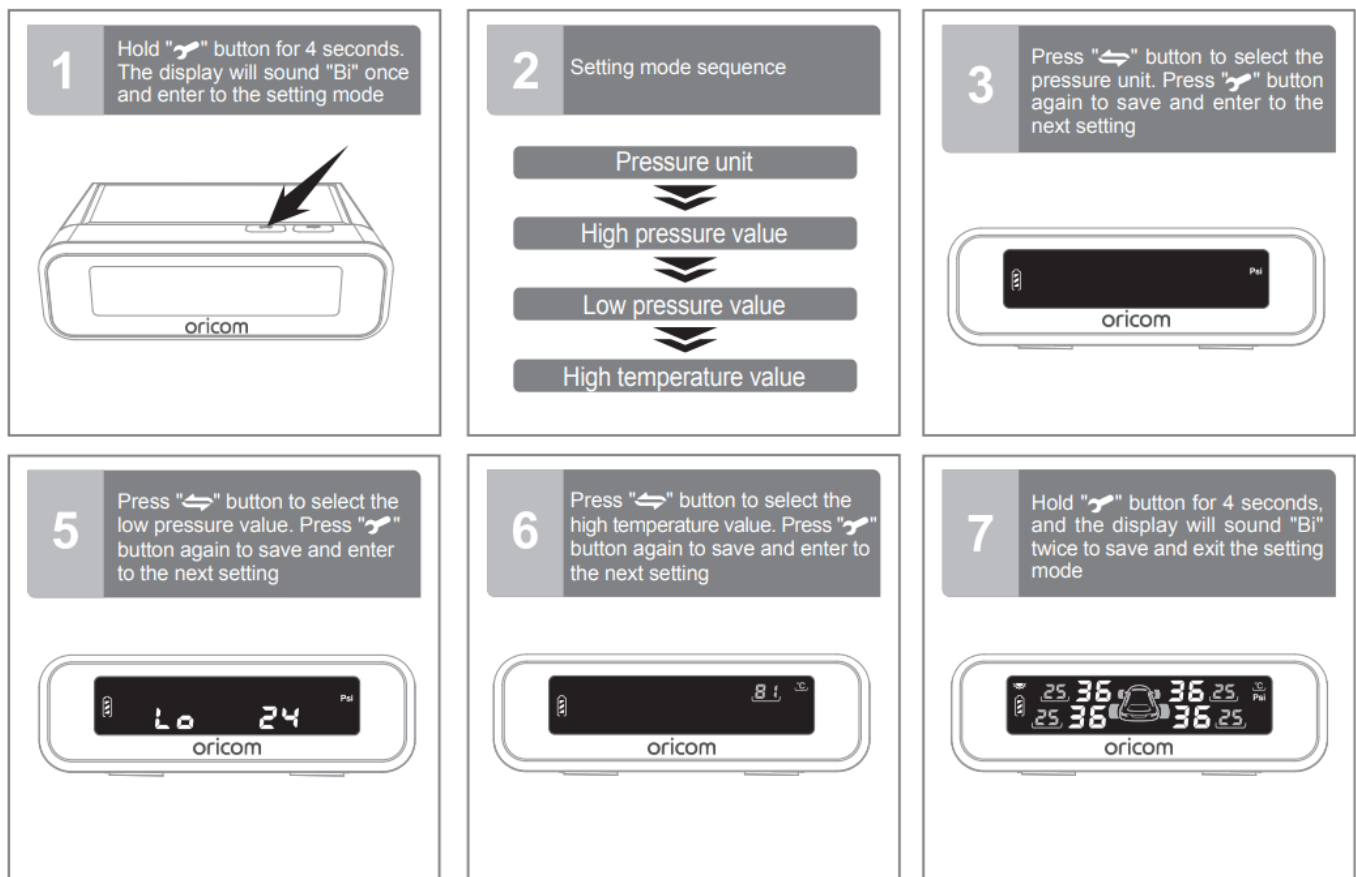
Functional test after installation



Different scenarios



Parameter setting



Disclaimer

- Tyre Pressure Monitoring System (TPMS) is designed for monitoring tyre irregularities. Owner is responsible for regular tyre maintenance.
- Alerts from Tyre Pressure Monitoring System (TPMS) should be attended to immediately.
- Oricom does not guarantee or assume liability for the loss of sensors

Default value:

High pressure value: 3.3Bar / 47PSI

Low pressure value: 1.7Bar / 24PSI

High temperature: 80°C / 176°F

Precision:

Pressure: ± 0.1 Bar / *2PSI

Temperature: $\pm 3^{\circ}\text{C}$ / $\pm 5^{\circ}\text{F}$

Air pressure unit:

1 Bar = 14.5 PSI = 100K Pa = 1.02 Kg/cm²

Specifications

Sensor:

Operating frequency: 433.92 \pm 0.015MHz

Operating voltage: 2.0~3.6V

Operating temp: -30°C~+105°C/

-22°F~+221°F

Pressure range: 0~8Bar / 0~116PSI

Display:

Operating frequency: 433.92 \pm 0.015MHz

Operating voltage: 2.6~3.6V

Operating current: $\leq 55\text{mA}$
Static current: $\leq 100\mu\text{A}$
USB charging current: $\leq 70\text{mA}$
Operating temperature: $-20^{\circ}\text{C}\sim+70^{\circ}\text{C}/$
 $-4^{\circ}\text{F}\sim+158^{\circ}\text{F}$
Solar charging current: $\geq 15\text{mA}$ (at $5500\text{LX}25^{\circ}\text{C}$)
Charging temperature: $-10^{\circ}\text{C}\sim+65^{\circ}\text{C}/$
 $+14^{\circ}\text{F}\sim+149^{\circ}\text{F}$
Built-in battery capacity: $3.2\text{V} / 500\text{mAh}$
(* Maximum display tyre pressure is 99PSI)
Adjustable value range:
High pressure value: $2.6\sim 6.0\text{Bar} / 37\sim 86\text{PSI}$
Low pressure value: $0.9\sim 3.9\text{Bar} / 13\sim 55\text{PSI}$
High temperature value: $70\sim 90^{\circ}\text{C}/158\sim 194^{\circ}\text{F}$

Notes

1. (TPMS) is designed for vehicles with tyre pressure up to 6.0Bar/ 86PSI.
2. All sensors in this unit have been pre-set individually for each tyre in the factory.
3. Whenever the location of tyre changes, the sensors must be reprogrammed, as per the instructions above.
4. The display will turn off after the vehicle stops.
5. The sensor battery life depends on the driving mileage.
6. Approval marks and numbers should not be removed from the product.
7. If the solar energy display is placed in temperature of higher than 80°C (or 176°F), the capacity of the built-in battery might be damaged.
8. If the display no longer holds a charge then it is time to replace the display unit as the display unit battery is non-user replaceable.
9. Discharge and charge fully every 6 months to preserve battery life.
10. Store between -40°C to $+80^{\circ}\text{C}$ (-40°F to $+176^{\circ}\text{F}$). Charge between -10°C to $+65^{\circ}\text{C}$ ($+14^{\circ}\text{F}$ to $+149^{\circ}\text{F}$).
11. Do not expose the battery to high temperature.
12. Do not allow the battery to get wet, store or use in high humidity conditions as this will discharge the battery.
13. Do not disassemble or tamper with battery.
14. Tighten the nut slowly with 4.0Nm (± 0.5) torque in one rotation to avoid damaging the sensor.

Troubleshooting

1. After the installation, there is no tyre data on the display
 - The sensors were not programmed to the display, please reprogram the sensors
 - The display should show the real time tyre data automatically when the speed is over 25km/h
2. There is no tyre data on the display
 - The sensors are not programmed to the display, please reprogram it
 - There is a problem with the sensor
3. The system has a problem when “—” appears intermittently
 - The signal that is transmitted is a RF signal and is much like a mobile phone signal.

Occasionally you may have interference from other RF signals which can cause the display unit to miss a transmission from the sensors.

If this persists then you could have a damaged sensor or the batteries could be weak.

Additional warnings

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.

Driver distraction warning

- Driver should always operate a vehicle in a safe manner. Minimising the amount of time spent viewing the display will prevent distraction.
- When installing on the dash, ensure the device is placed securely to ensure that it does not obstruct the driver's view of the road.
- Do not place in any way that may hinder the vehicles operating controls.
- Do not place in a location that will obstruct airbags.

Express Warranty (Australia)

This Express Warranty is provided by Oricom International Pty Ltd ABN 46 086 116 369, Unit 1, 4 Sovereign Place, South Windsor NSW 2756, herein after referred to as "Oricom".

Oricom warrants that the product is free from defects in materials or workmanship during the Express Warranty Period. This Express Warranty does not extend to any product from which the serial number has been removed or was purchased outside of Australia.

The benefits of this Express Warranty are in addition to other rights and remedies you may have under the Australian Consumer Law. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. In the event of a minor failure, Oricom reserves the right to choose to repair or replace the product.

The Express Warranty Period will be a period of 12 months beginning on the date of purchase of the product evidenced by your dated sales receipt. You are required to provide proof of purchase as a condition of receiving Express Warranty services. You are entitled to a replacement product or repair of the product at our discretion according to the terms and conditions of this document if your product is found to be faulty within the Express Warranty Period. This Express Warranty extends to the original purchaser only and is not transferable.

Products distributed by Oricom are manufactured using new materials or new and used materials equivalent to new in performance and reliability. Spare parts may be new or equivalent to new. Spare parts are warranted to be free from defects in material or workmanship for thirty (30) days or for the remainder of the Express Warranty Period of the Oricom branded product in which they are installed, whichever is longer. During the Express Warranty Period, Oricom will where possible repair and if not replace the faulty product or part thereof. All component parts removed under this Express Warranty become the property of Oricom. In the unlikely event that your Oricom product has a recurring failure, Oricom may always, subject to the Competition and Consumer Act 2010, at its discretion, elect to provide you with a replacement product of its choosing that is at least equivalent to your product in performance.

No change to the conditions of this Express Warranty is valid unless it is made in writing and signed by an authorized representative of Oricom.

Oricom will not be liable under this Express Warranty, and to the extent permitted by law will not be liable for any defect, loss, damage or injury arising out of or in connection with a:

1. Failure by you to adhere to the warnings and follow the instructions set out in this user guide for the proper installation and use of the product;
2. Willful misconduct or deliberate misuse by you of the product;
3. Any external cause beyond our control, including but not limited to power failure, lightning or over voltage; or
4. Modification to the product or services carried out on the product by anyone other than Oricom or Oricom's authorised service provider.

How to make a claim under your Express Warranty in Australia

Oricom has a simple warranty process for you to follow:

- Please call or email our Customer Support Team, 02 4574 8888 or support@oricom.com.au.
- A Customer Support Team member will verify after troubleshooting with you if your product qualifies under warranty. If so, they will give you a Product Return Authorisation number.
- We will then email a Return Authorisation form and a Repair Notice (if necessary), together with instructions on how to return the product for warranty service.

Please note that if a Customer Support Team member advises that your product does not qualify for return, this warranty does not apply to your product. Products that are authorized to be returned to Oricom in Australia must include all of the following:

- A completed Return Authorisation form
- A copy of your Proof of Purchase (please keep your original copy)
- The faulty product, including all accessories.

Send the approved returns to:

Oricom International Pty Ltd
Locked Bag 658
South Windsor NSW 2756 Australia

Please note that this Express Warranty excludes expenses incurred by you in returning any faulty product to us. You must arrange and pay any expenses incurred (including postage, delivery, freight, transportation or insurance of the product) to return the faulty product to us, however, we will arrange delivery of the repaired or replaced faulty product to you.

Important Information – Repair Notice

Please be aware that the repair of your products may result in the loss of any user-generated data (such as stored telephone numbers, text messages and contact information). Please ensure that you have made a copy of any data saved on your product before sending for repair. Please also be aware that products presented for repair may be replaced by refurbished products or parts of the same type rather than being repaired.

ORICOM CUSTOMER SUPPORT

Oricom have a trained and dedicated team of Customer Support Representatives, each with the knowledge and resources to assist in answering your questions quickly and efficiently.

Oricom Support – Australia

For all product enquiries, troubleshooting or to discuss the range of Oricom products, feel free to contact Oricom or visit our website for answers to frequently asked questions.

02 4574 8888

Monday – Friday 8am – 6pm AEST

Email: support@oricom.com.au

www.oricom.com.au

Documents / Resources



[oricom TPS9I TPMS Tyre Pressure Monitoring System](#) [pdf] User Guide

TPS9I TPMS Tyre Pressure Monitoring System, TPS9I, TPMS Tyre Pressure Monitoring System, Pressure Monitoring System, Monitoring System

References

- [Oricom Baby Monitors UHF CB Radios & Cordless Phones](#)