Manuals+ — User Manuals Simplified.

oricom TPS10-4I Real Time Tyre Pressure Monitoring System User Guide
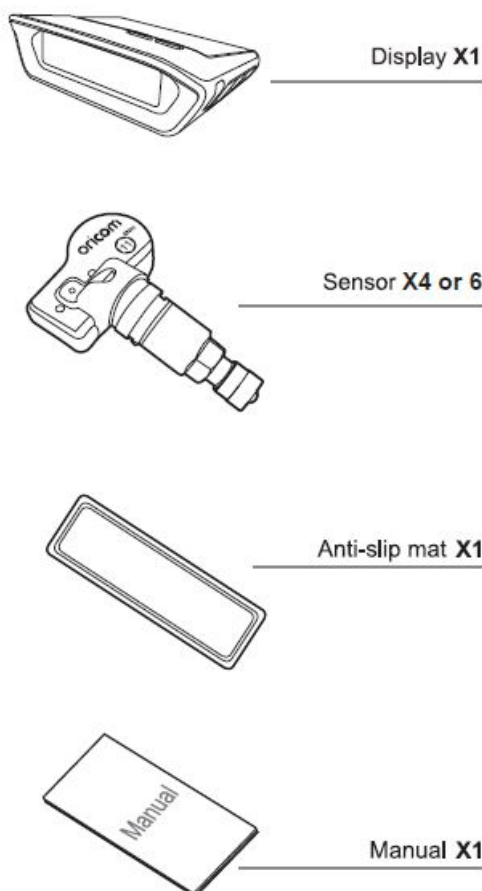
Contents

oricom TPS10-4I Real Time Tyre Pressure Monitoring System

WARNING THIS PRODUCT CONTAINS BUTTON/COIN CELL BATTERIES

Button/coin cell batteries are hazardous and must be kept out of reach of children af all times, whether the battery is new or used. These batteries can cause severe or tatal injuries in 2 hours or less it swallowed or placed inside any part of the body. If it is sUspected a button/coin cell battery has been swallowed or placed inside any part of the body, seek medical attention immediately or contact the Australian Poisons Information Centre on 131126 for 24/7 fast, expert advice.
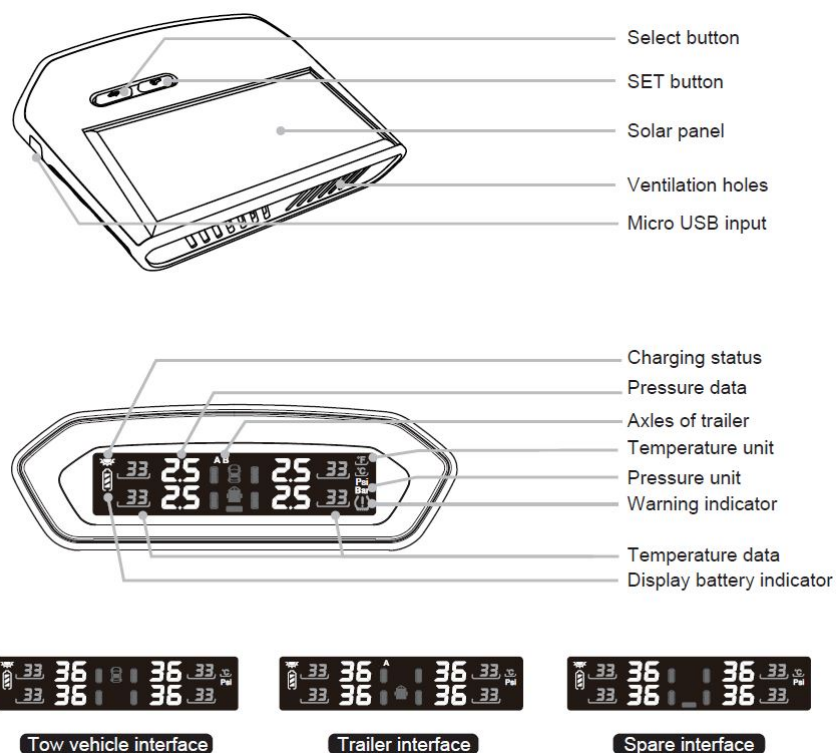
Includes

Display **X1**

Sensor **X4 or 6**

Anti-slip mat **X1**

Manual **X1**

(Please keep it in vehicle carefully)

Only compatible for use with alloy wheels.

Product Overview

Select button
SET button
Solar panel
Ventilation holes
Micro USB input

Charging status
Pressure data
Axles of trailer
Temperature unit
Pressure unit
Warning indicator

Temperature data
Display battery indicator

Tow vehicle interface
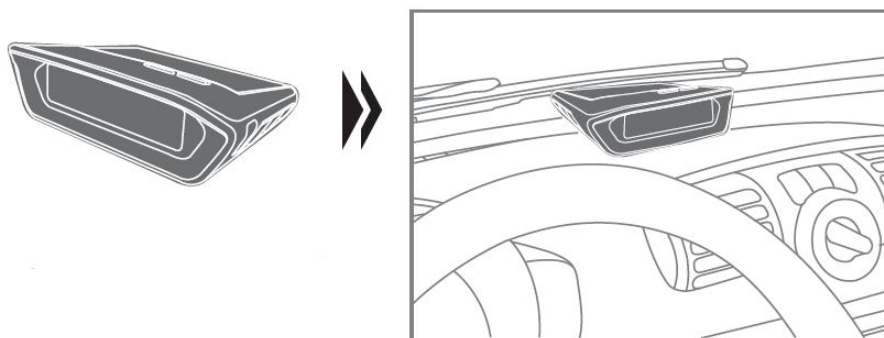

Trailer interface

Spare interface

Display ON/OFF

Press any button for 3 seconds to turn on the display.

Press " ⇌ " button for 3 seconds to turn off the display.
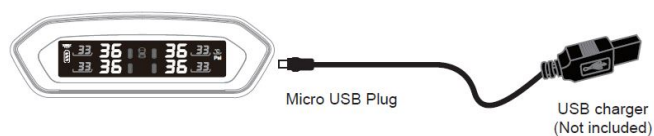
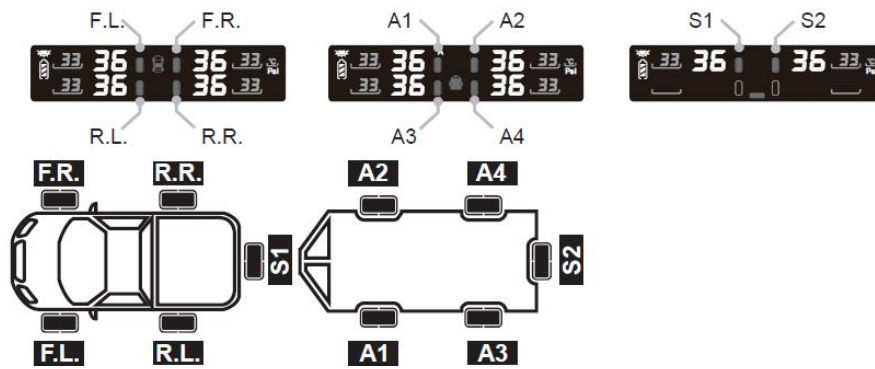**Display installation**

Installation position

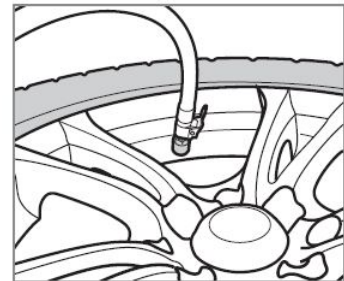- Place the anti-slip mat under the display

USB charging connection

Micro USB Plug

USB charger
(Not included)

Sensor position

Note: Typical sensor position as per diagram to the left.

Sensor installation

1. Remove the original valve from vehicle
2. .Install sensor in the corresponding tyre according to the position markings on the sensor
3. Inflate the tyre
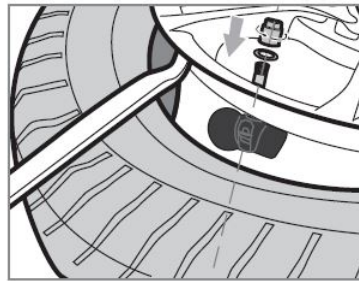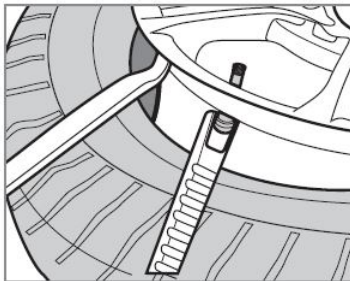
4. Screw the nut and valve cap
5. Perform a dynamic balance test
6. Adjust counterweight using weight bars as needed
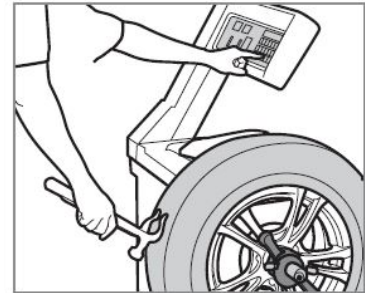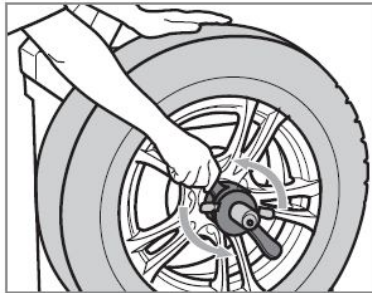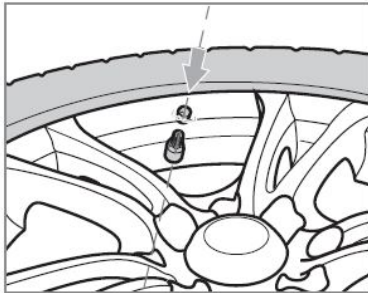
Functional test after installation
Display will show real time tyre data automatically when the speed is over 25km/h (15.5MPH)
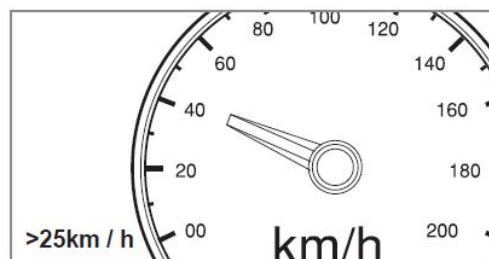
Installation is complete when all tyre data has been received and is showing on the display.

Sensor programming(All sensors in package are preprogramed)

When programming a new sensor or a missing sensor to the display.

1. Press " 🔧 " button 5 times, the display beeps once and enters programming mode.
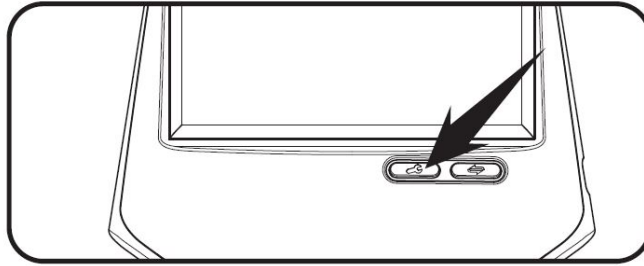
2. Select the desired tyre position by following these steps:
   - **a.** Hold " " button and press " " button once to select the interface. (Interface sequence: tow vehicle → Axle A of Trailer → Axle B of Trailer→ Spare tyre)
   - **b.** Then press " " button to select the desired tyre.

3. Deflate the corresponding tyre slightly.

4. The corresponding tyre data will be shown on the display, then press " 🔧 " button once to save the data.

5. Press " ⬄ " button to select the next sensor position.

6. After the sensors are programmed, press " 🔧 " button for 4 seconds to exit the programming mode.

Alerts

Normal			High temperature	🔊)) Bi-Bi-Bi-

Air leakage	🔊)) Bi-Bi-Bi-		Sensor low battery	🔊)) Bi-Bi-Bi-Bi-Bi-

Low pressure	🔊)) Bi-Bi-Bi-		Sensor failure	🔊)) Bi-Bi-Bi-Bi-Bi-

High pressure	🔊)) Bi-Bi-Bi-		Display low battery	🔇⊘
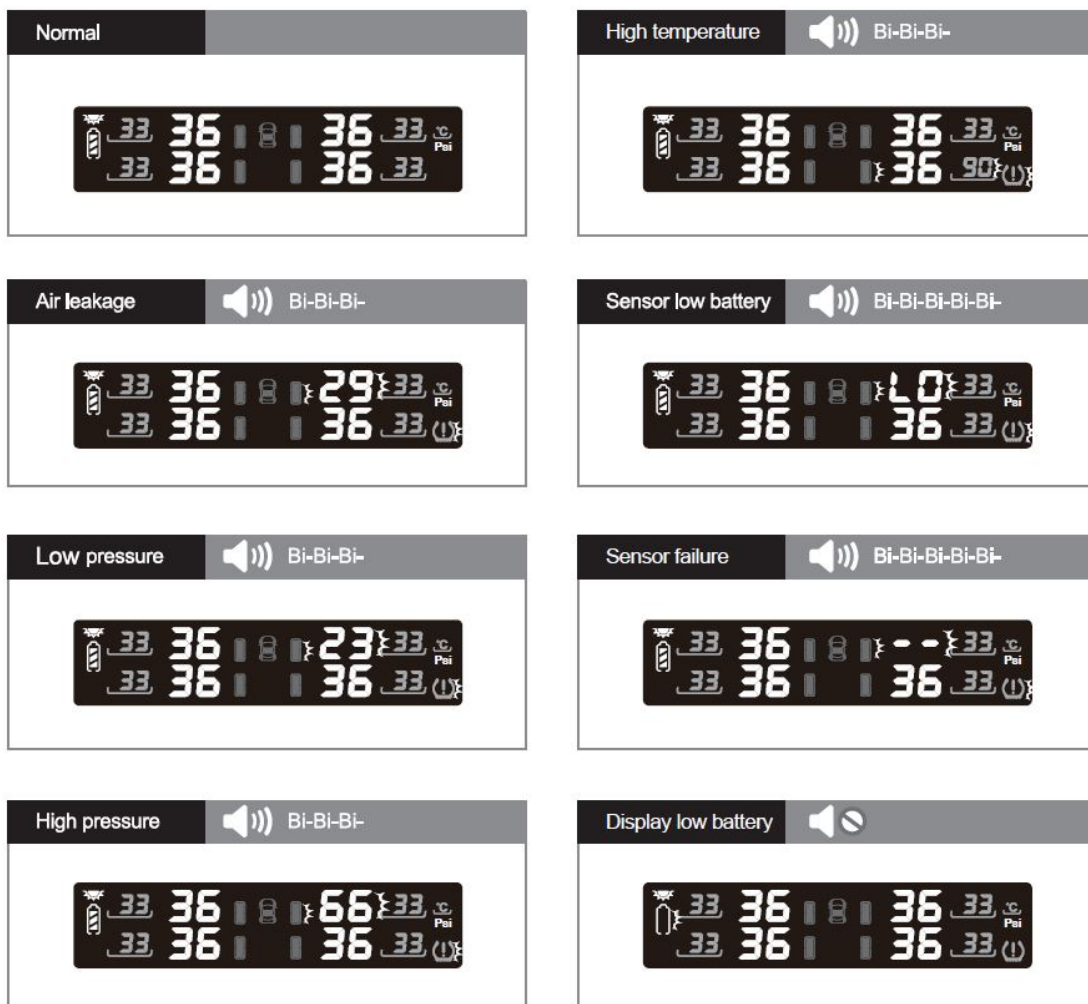
Function settings

Enter/Exit the setting mode

- Press "🔧" button for 4 seconds to enter the setting mode, a beep will sound.
- Press "🔧" button for 4 seconds to exit the setting mode two beeps will sound.
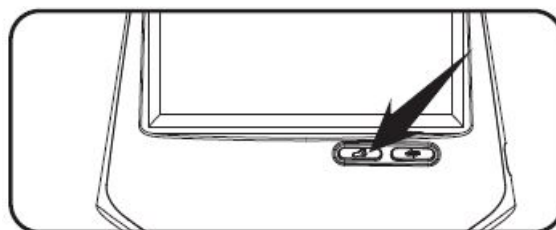
The setting sequence as below:
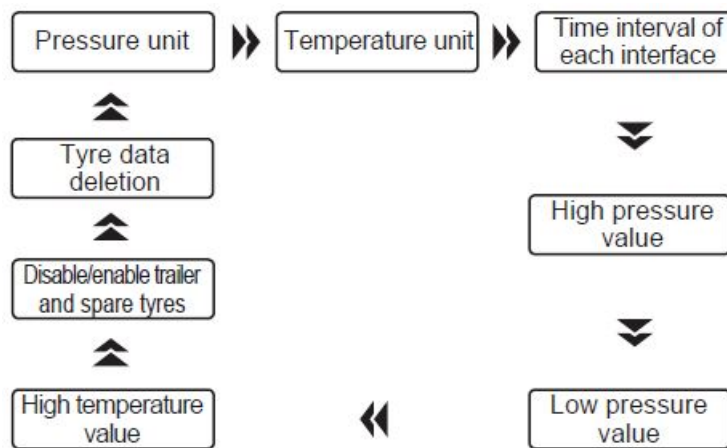
Tips: In setting mode, if there is no operation after 3 mintues, the system will exit automatically and return to normal mode.

Pressure unit setting:

In pressure unit setting page, press " ⇔ " button to select the pressure unit, then press" 🔧 " button once to save and move to the next setting.

Temperature unit setting:

In temperature unit setting , press " ⇔ " button to select the temperature unit, then press " 🔧 " button once to save and move to the next setting;

Time interval setting of each interface:

In time interval setting page, press " ⇔ " button to set the time interval of each interface, then press " 🔧 " button once to enter the next setting.

Time intervals: 5 / 10 / 20 / 30 / 60 / OFF Default: 5 seconds

High-pressure value setting:

In high pressure value setting page. Press and hold ⇔ button. and press 🔧 button once to select the interface (car or trailer) then press the ⇔ button to set the high-pressure value of the current interface.
press 🔧 button once to enter the next setting.

Low pressure value setting:

In low pressure value setting page. Press and hold ⇔ button. and press ✎ button once to select the interface (car or trailer) then press the ⇔ button to set the low pressure value of the current interface.
press ✎ button once to enter the next setting.

High temperature value setting:

In high temperature value setting page. Press and hold ⇔ button. and press ✎ button once to select the interface (car or trailer) then press the ⇔ button to set the high temperature value of the current interface.
press ✎ button once to enter the next setting.

Disable/enable trailer and spare tyres:

Press ⇔ button to select the programmed
Axles of the Trailer or Spare Tyre, then press ⇔ button for 3 seconds to disable or to enable.
Press ✎ button once to enter the next setting.

Trailer axles setting:
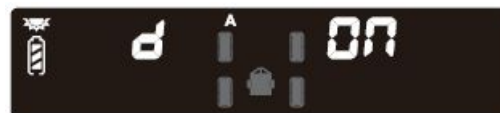
Enabled status(default)

Disabled status

Spare Tyre settings (individual):

Enabled status(default)

Disabled status

Tyre data deletion:
Psi

In tyre data deletion page, press button to select the programmed tyre data to be deleted.

Then hold button until the display shows "–", the tyre data has been deleted.

Specifications

Sensor

- Operating frequency: 433.92 0.015MHz
- Operating voltage: 2.3~3.3V
- Operating temperature:-200+80/4F-+176F
- Pressure range: 0-6Bar/0-86PSI

Display

- Operating frequenc)y: 433.92 t 0.015MHz
- Operating voltage:2.6-3.6V
- Operating current: 2.5mA
- Operating temperature:-200+ 70'C/4F-+ 158F

Adjustable Alarm Value:

- High-pressure value: 2.6-7.9Bar/37-115PSI
- Low-pressure value: 0.9-3.9Bar/13-55PSI
- High-temperature value: 70~90'C/ 158F 194F

Default Value:

- High-pressure value: 3.3Bar/47PSI
- Low-pressure value: 1.7Bar/24PSI
- High-temperature value: 80 C/176 F

Precison:

- Temperature: +3C+5 F
- Pressure: +0.1Bar/0.2PSI

1Bar 14.5PSI = 100K Pa = 1.02kgf/cm

Note: It is recommended that the tyre pressure alarm values are set to +25%% of the recommended manufacturer tyre pressure values.
Only compatible for use with alloy wheels.

Disclaimer

1. (TPMS) is designed for vehicles with tyre pressure up to 6.0 Bar/ 86PSI.
2. All sensors in this unit have been pre-set individually for each tyre in the factory.
3. Whenever the location of tyre changed, the sensors must be changed to the corresponding tyre.
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 80ºC(or 176ºF), 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 -40ºC to +80ºC (-40ºF to +176ºF). Charge between -10ºC to +65ºC (+14ºF to +149ºF).
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.

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.

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 there is "–" appears intermittently
   - The signal that is transmitted is a RF signal and is much like a cellphone signal. The FCC requires to allow all other RF signals to interfere with the system signals and this can cause the monitor to occasionally 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.

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 authorised 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 authorised 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 excludesexpenses 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 orreplaced 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 TPS10-4I Real Time Tyre Pressure Monitoring System [pdf] User Guide TPS10-4I Real Time Tyre Pressure Monitoring System, TPS10-4I, Real Time Tyre Pressure Monitoring System, Tyre Pressure Monitoring System, Pressure Monitoring System, Monitoring System, System

References

- ○ **Oricom Baby Monitors UHF CB Radios & Cordless Phones**