



Operating Instructions

TPMS10 External Tyre Pressure Monitoring System

Keep this user guide for future reference. Always retain your proof of purchase in case of warranty service.

www.oricom.com.au

Tutorial videos are available -www.oricom.com.au,
select your model and scroll down to FAQ's



WARNING THIS PRODUCT CONTAINS BUTTON/COIN CELL BATTERIES

Button/coin cell batteries are hazardous and must be kept out of reach of children at all times, whether the battery is new or used. These batteries can cause severe or fatal injuries in 2 hours or less if 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.



This unit complies with all relevant Australian and
New Zealand approval requirements
AS/NZS 4268:2017

oricom®

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Need Help?

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

Australia	(02) 4574 8888 www.oricom.com.au Mon-Fri 8am – 6pm AEST
New Zealand	0800 67 42 66 www.oricom.co.nz Mon-Fri 10am – 8pm NZST

Pack Includes



LCD Display



Sensor **X4, X6 or X8**



Washers **X5, X7 or X9**
(Installed from factory)

(1 spare)



Nuts **X5, X7 or X9**

(1 spare)



Dust cover **X4, X6 or X8**



Anti-slip mat **X1**

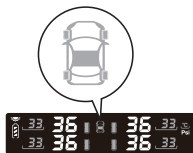
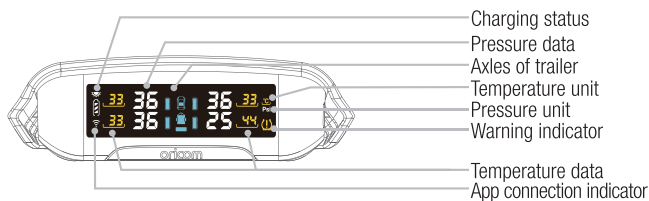
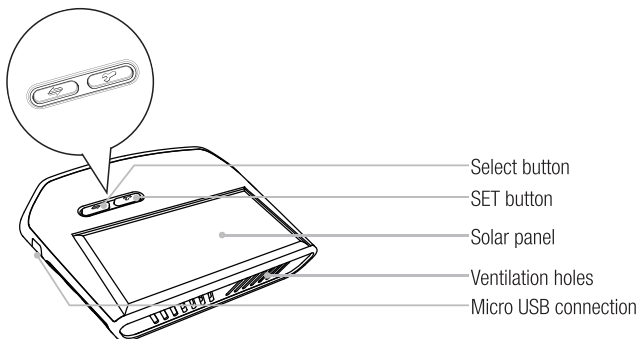


Spanner **X1**

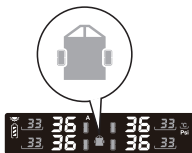
Sensor cover
end (for battery
replacement)

Nut end (for
installation)

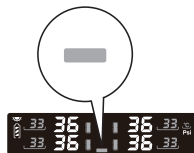
Controls and Indicators



Tow vehicle interface



Trailer interface



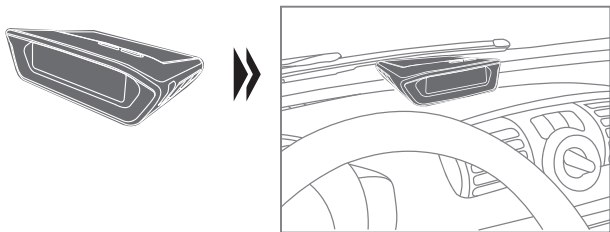
Spare interface

Note: The icon in the centre of the LCD display indicates the viewing interface.

Display Installation

Installation Position

The drawing to the right indicates a suitable mounting position for your display unit. To avoid the display unit moving whilst travelling, place the anti-slip mat underneath the display unit.

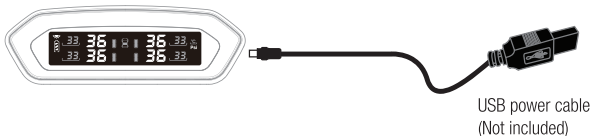


Powering On/Off The Display

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

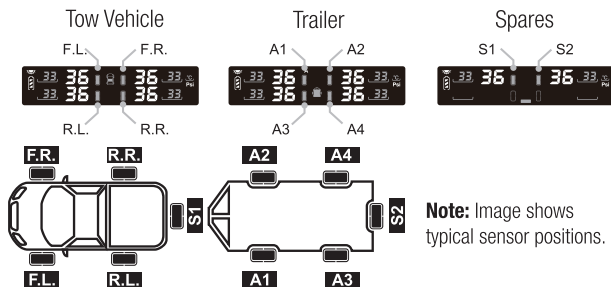
Press "↔" button for 3 seconds to turn the display off.

USB Charging Connection



Note: The display unit is solar powered, you can charge the display battery via USB power if required.

Sensor Position



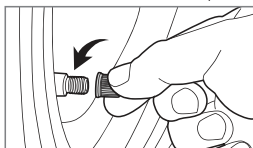
Note: Image shows typical sensor positions.

Note: Axle B not in use

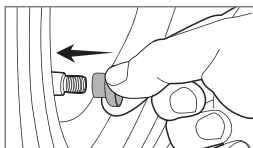
Note: Depending on pack purchased you may have up to 10 sensors.

Sensor Installation

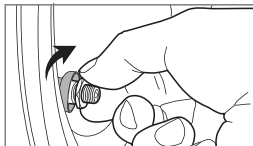
1. Unscrew the valve cap.



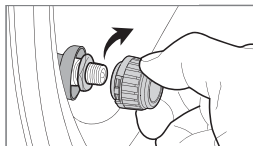
2. Fit the dustcover onto the valve



3. Screw on the nut.

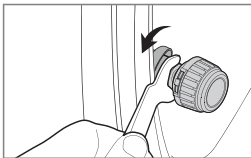


4. Screw on the sensor.

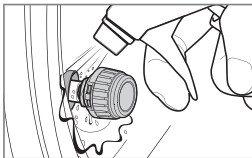


Note: Do not over-tighten sensors as this will effect the readings.

5. Tighten the nut to the sensor with the supplied spanner.



6. Check for air leaks by spraying soapy water.



Note: Bubbles will form if there is a leak, remove sensor check that sensor and valve stem are clean and free from debris then reinstall and test for leaks again.

Functional Test After Installation

Once installation is complete, drive the vehicle to a speed over 25Kph to start receiving real time tyre data. Spare tyre and trailer sensors update periodically or when there is a pressure change.

The installation is complete when all tyre data has been received and is showing on the display.

Alerts

Normal



High temperature



3 Beeps, tyre and temp flashing



Air leakage



3 Beeps, tyre and pressure flashing



Sensor low battery



5 Beeps, tyre and pressure flashing "LO" replace battery



Low pressure



3 Beeps, tyre and pressure flashing



Sensor failure



5 Beeps, tyre and pressure flashing "--" displayed



High pressure



3 Beeps, tyre and pressure flashing



Display low battery



Battery indicator flashing

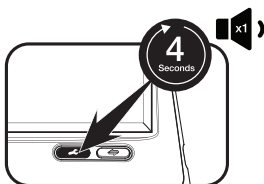


Settings

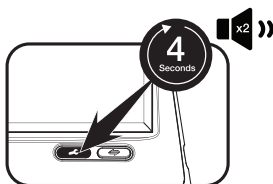
To Enter/Exit The Setting Menu

To enter the menu, press and hold "  " button for 4 seconds, until you hear a beep.

To exit the menu, press and hold "  " button for 4 seconds, until you hear two beeps.



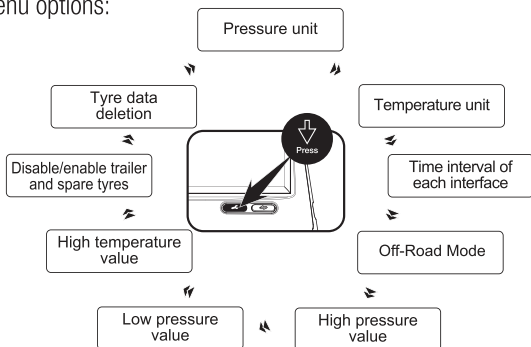
Enter The Setting Menu



Exit The Setting Menu

To cycle through the menu options, press "  "

Menu options:



Note: The display automatically exits the menu when left inactive for 3 minutes.

Unit Setting:

To change the Pressure Unit setting (Bar or Psi), press the "↔" button to select Psi or Bar then press the "🔑" to save and enter the next setting.



Temperature Unit Setting:

To change the Temperature Unit setting (degrees Celsius / Fahrenheit), press "↔" button to select °C or °F, then press "🔑" to save and enter the next setting;



Time Interval Setting For Each Interface:

This setting is the time each interface is displayed for (tow vehicle / Trailer / Spares)

To change the Time Interval setting, press "↔" button to set the time interval for each interface, then press "🔑" to save and enter the next setting.



Time intervals (seconds): 5 / 10 / 20 / 30 / 60 / OFF

Default: 5 seconds

Off-Road Mode (OR)

To change Off-Road Mode setting, press the "↔" to select On or Off then press the "🔑" to save and enter the next setting.



Off-Road Mode Off



Off-Road Mode on

Default: Off

When you select "on", you will then be prompted to enter the high / low pressure and high temp alarm settings for Off-Road mode.

Note: These values will only apply when Off-Road mode is set to on.

If you select "off", you will then be prompted to enter the high / low pressure and high temp alarm settings for normal mode.

Note: When off road mode is on, the display shows the letter "E" on the display.

High Pressure Value Setting:

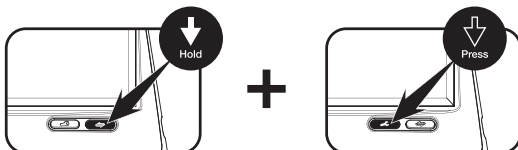
Setting Tow vehicle High Pressure Value alert:

1. Press the "" button to set the high pressure value.
2. To set a different high pressure value for your trailer and spare tyres, proceed to step 3, if not press "" to move to the next setting.



Setting Trailer / Spare High Pressure Value Setting:

3. Press and hold the "" button, briefly press "" then release "" button to switch to the trailer display.



4. Press the "" button to set the high pressure value.

Note: To change the high pressure setting for the Spare Tyre Interface, repeat steps 3 and 4.

Press "" to move to the next setting.



Low Pressure Value Setting:

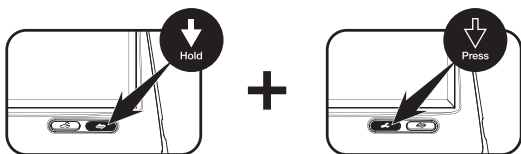
Setting Tow vehicle Low Pressure Value alert:

1. Press the "↔" button to set the low pressure value.
2. To set a different low pressure value for your trailer and spare tyres, proceed to step 3, if not press "🔧" to move to the next setting.



Setting Trailer / Spare Low Pressure Value Setting:

3. Press and hold the "↔" button, briefly press "🔧" then release "↔" button to switch to the trailer display.



4. Press the "↔" to set the low pressure value for the trailer.

Note: To change the high pressure setting for the Spare Tyre Interface, repeat steps 3 and 4.

Press "🔧" to move to the next setting.



Interface



Trailer interface



Spare interface

High Temperature Value Setting:

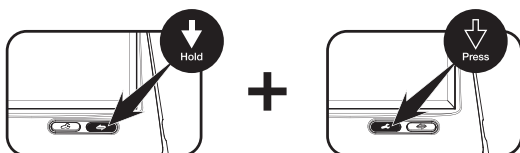
Setting Tow vehicle High Temperature Value alert:

1. Press the "↔" button to set the high temperature value.
2. To set a different high temperature value for your trailer and spare tyres, proceed to step 3, if not press "🔧" to move to the next setting.



Setting Trailer / Spare High Temperature Value Setting:

3. Press and hold the "↔" button, briefly press "🔧" then release "↔" button to switch to the trailer display.



4. Press the "↔" to set the high temperature value for trailer.

Note: To change the high pressure setting for the Spare Tyre Interface, repeat steps 3 and 4.

Press "🔧" to move to the next setting.



To Disable/Enable Trailer and Spare Tyres:

Press "" button to select Trailer or Spare Tyre interface, then press and hold "" button for 3 seconds to disable or to enable.

Press "" button to save and enter the next setting.

Trailer axes setting:



Enabled status (default) when trailer connected



Disable status when trailer not connected

Spare tyre settings (individual):



Enabled status (default) all spare tyre sensors on.



Disabled status spare tyre sensor off.

Note: Please visit our website to view tutorial videos on how to disable / enable sensors, Visit www.oricom.com.au select your model and scroll down to the FAQ's section.

Sensor Deletion:

Press " button to select the programmed tyre data to be deleted.



Then hold " button until the display shows "--" pressure value and "OE" for temperature, the sensor data has been deleted.



Press " button to select next sensor or " button to save.

To exit the menu:

Press and hold the " for 4 seconds, you will hear 2 beeps confirming you have exited the menu.

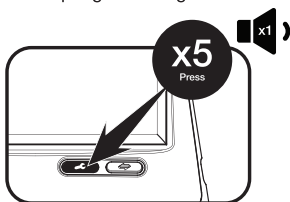
Sensor programming

Note: Sensors in 4, 6 and 8 packs come programmed, Additional twin sensor packs purchased will need to be programmed

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

Enter Programming Mode:

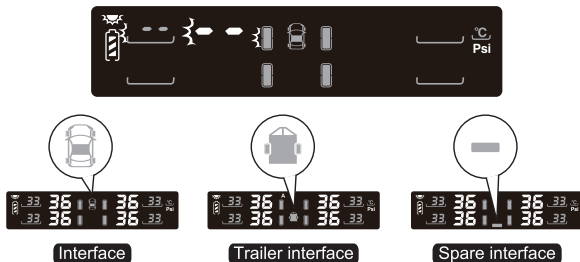
Press "↔" button 5 times, the display will beep once to confirm you are now in sensor programming mode.



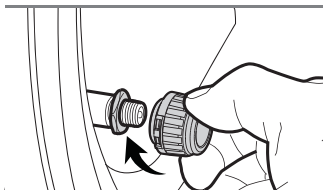
Sensor Programming

Press the "↔" button to cycle through the sensors.

- once the desired sensor position is flashing you are ready for programming that sensor.



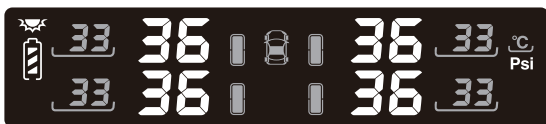
- Screw the sensor to the corresponding tyre.



- The pressure data will appear on the display, a beep will sound.
- Press the "🔑" button to SAVE (IMPORTANT) a beep will sound.



- Press "↔" button to move to the next sensor and repeat the programming steps listed above.



To exit the menu: Press and hold the "🔑" button for 4 seconds, you will hear 2 beeps confirming you have exited the menu.

NOTE: Do not program sensors to Axle B.

NOTE:

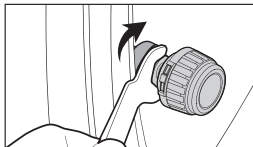
- Tow vehicle sensors can only be programmed to the tow vehicle interface. DO NOT program Trailer or Spare sensors to tow vehicle interface and vice versa.
- Spare tyre data is updated every 15 minutes or if there is a significant change in air pressure.
- Display dims and brightens depending on the light conditions sensed by the solar panel.
- DO NOT program sensors to Axle B.

Sensor reset:

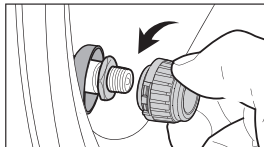
The tyre data can be cleared by performing a reset, press and hold down both buttons for 3 seconds, the screen should clear the tyre pressure readings and "--" will appear on the screen. Once driving the tyre pressures will display automatically.

Sensor Battery Replacement

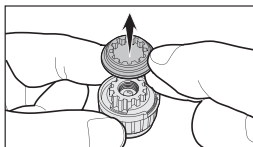
1. Unscrew the nut.



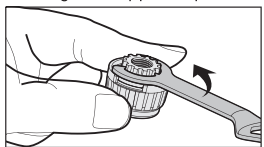
2. Unscrew the sensor.



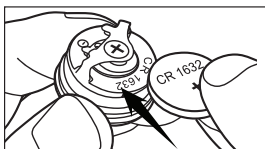
3. Take out the washer.



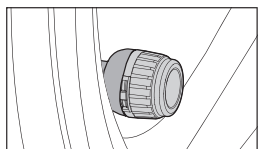
4. Unscrew the sensor cover by using the supplied spanner.



5. Replace the battery.



6. Repeat these steps for the other sensors if needed



WARNING THIS PRODUCT CONTAINS BUTTON/COIN CELL BATTERIES

Button/coin cell batteries are hazardous and must be kept out of reach of children at all times, whether the battery is new or used. These batteries can cause severe or fatal injuries in 2 hours or less if 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.

Note: Please visit our website to view tutorial videos on how to replace sensor batteries, Visit www.oricom.com.au select your model and scroll down to the FAQ's section.

Sensor:

Operating frequency:	433.92 ± 0.015MHz
Operating voltage:	2.3~3.3V
Operating temperature:	-20°C~+80°C/-4°F~+176°F
Range:	0~6Bar/0~86PSI

Display:

Operating frequency:	433.92 ± 0.015MHz
Operating voltage:	2.6~3.6V
Operating current:	≤2.5mA
Operating temperature:	-20°C~+70°C/-4°F~+158°F

Adjustable Alarm Value:

High pressure value:	2.6~6Bar/37~86PSI
Low pressure value:	0.9~3.9Bar/13~55PSI
High temperature value:	70~90°C/ 158°F~ 194°F

Default Value:

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

Precision:

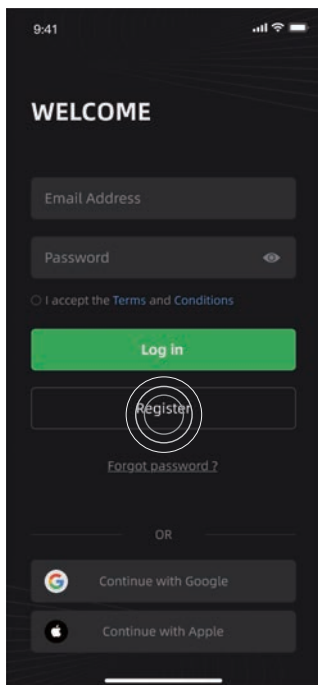
Temperature	±3°C/±5°F
Pressure:	±0.1Bar/±0.2PSI

$$1\text{Bar} = 14.5\text{PSI} = 100\text{K Pa} = 1.02\text{kgf/cm}^2$$

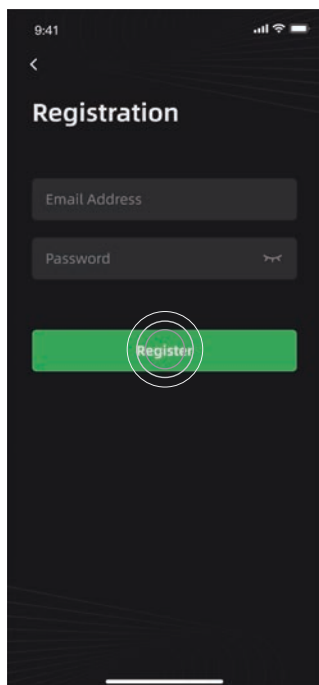
NOTE: It is recommended that the tyre pressure alarm values are set to ±25% of the recommended manufacturer tyre pressure values.

App Registration

NOTE: Install sensors on your vehicle before setting up and using the App to adjust any settings.

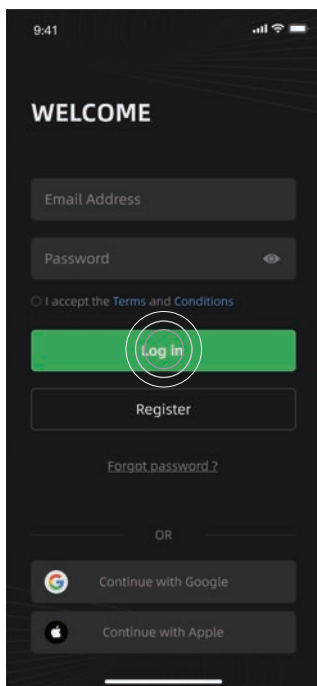


Download and install the Oricom TPMS App. Open App and select "Register".

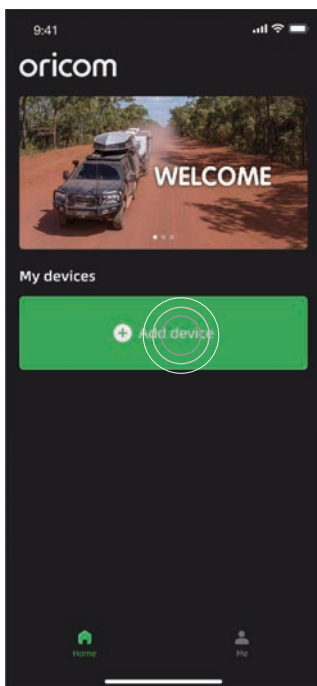


Enter your email address and a password to register. Verify detail via registration email

Add device



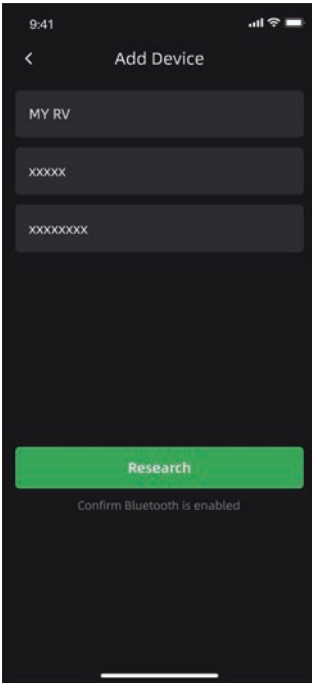
Enter your registered email and password and select "Log in".



Select +Add Device to pair with your TPMS display.

Add device

Note : You must turn the display unit on before pairing to your App



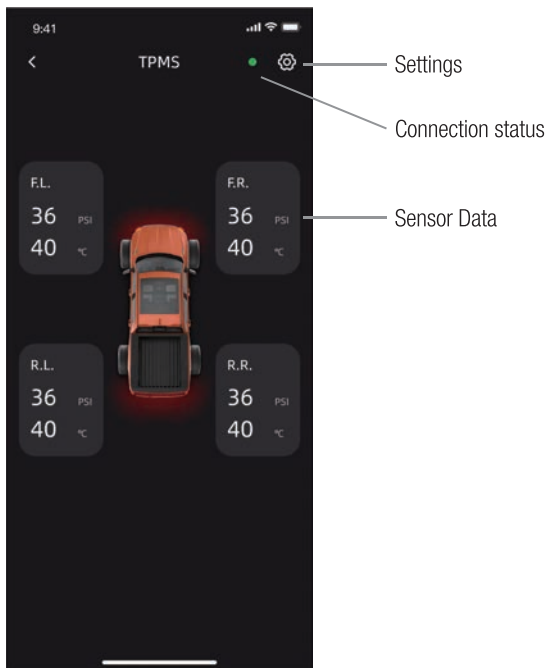
Turn on the TPMS display and bring it close to your phone, it should appear in the list of devices, you can now select it.

Tip: if it doesn't appear, make sure your phone's Bluetooth is turned on.



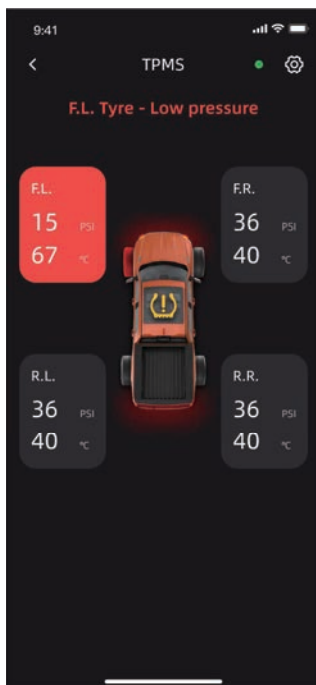
After your display emits a beep sound press the "🔑" button on the display to complete the pairing process.

Add device

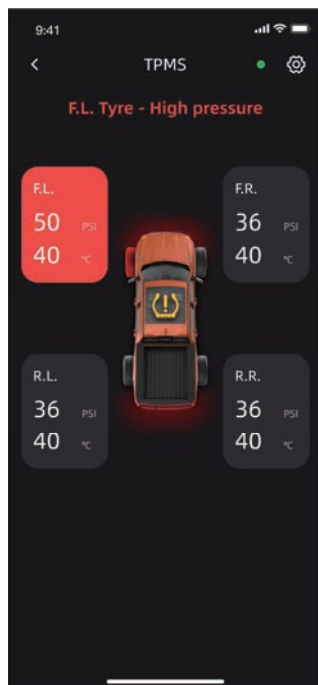


You will now see your sensors on the display.

Display warnings

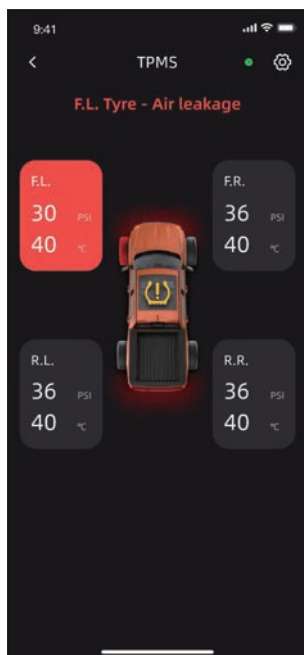


Low pressure - if readings are equal to or lower the set low pressure alert, the sensor is highlighted in red

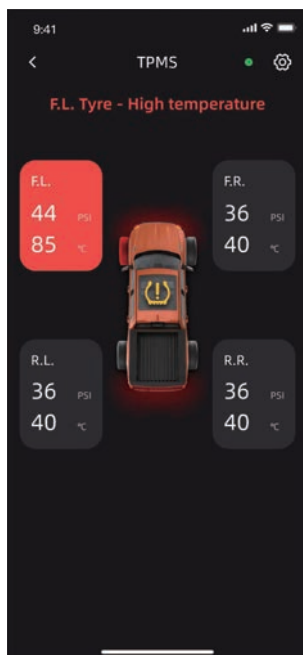


High pressure - if readings are equal to or higher the set High pressure alert, the sensor is highlighted in red

Display warnings

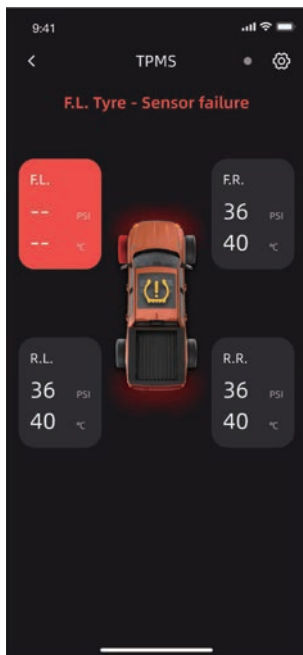


Air leakage - if a significant air leak is present, the sensor is highlighted in red

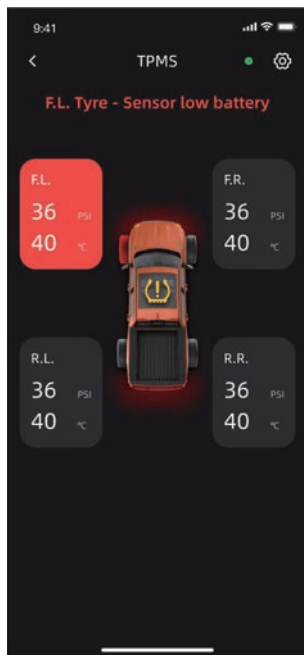


High temperature - if readings are equal to or higher than the set High Temperature alert, the sensor is highlighted in red

Display warnings

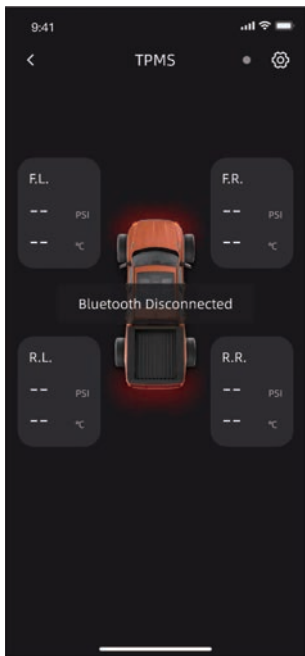


Sensor failure - if a sensor is not picked up or has failed, it is highlighted in red.



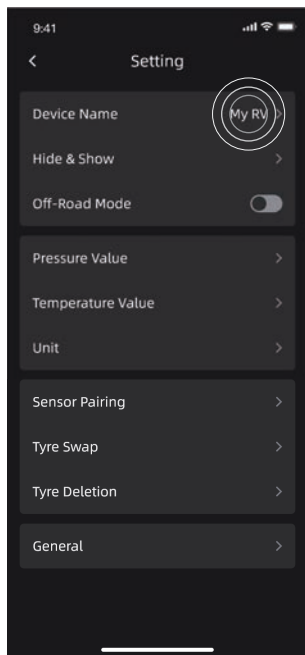
If the Sensor battery is low - its highlighted in red.

Display warnings

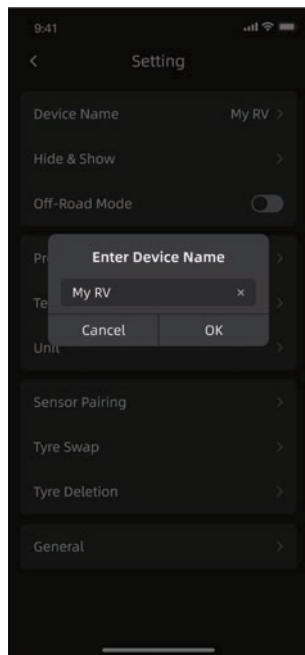


Device disconnected

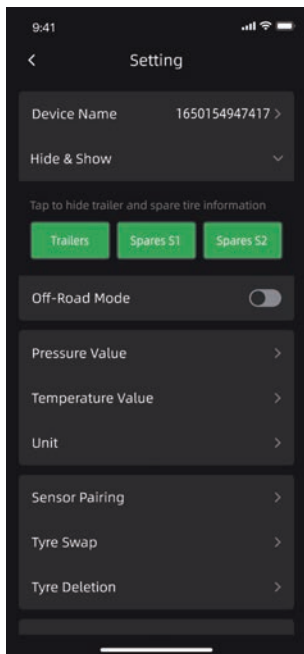
App settings



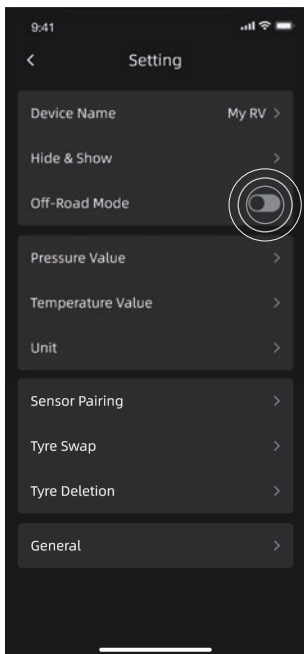
You can rename your device in the settings



Enter details and select OK to save

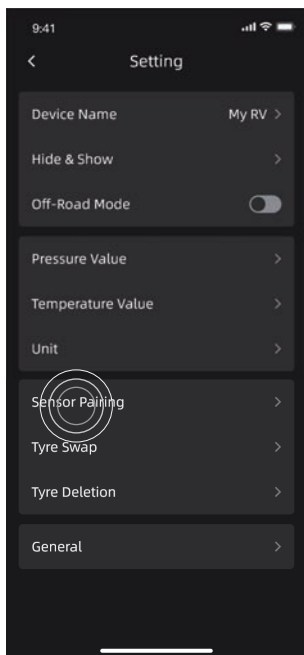


Hide & Show - You can turn off trailer and spare sensors from showing on the display when not in use.



Off-Road mode - Turn on and set your preferred high / low pressure and temperature values for Off-Road mode.

Note: when Off-Road mode is turned off, the display reverts back to the original high/low and temp values.



Sensor pairing: should you need to pair sensors, select Sensor pairing.

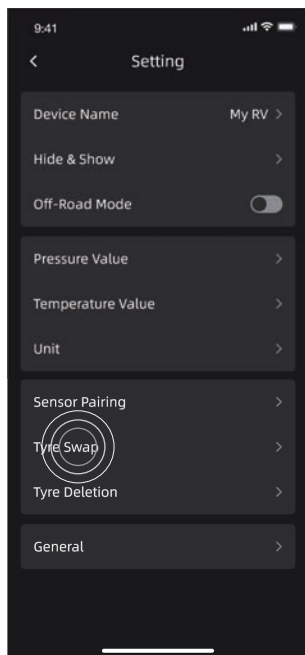
Note: sensors are already paired from new.



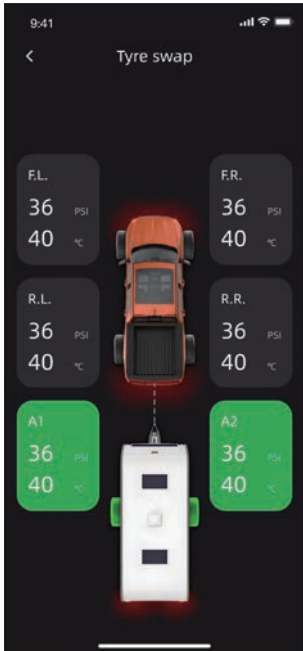
Select the sensor position. Follow the in App instructions for sensor pairing.



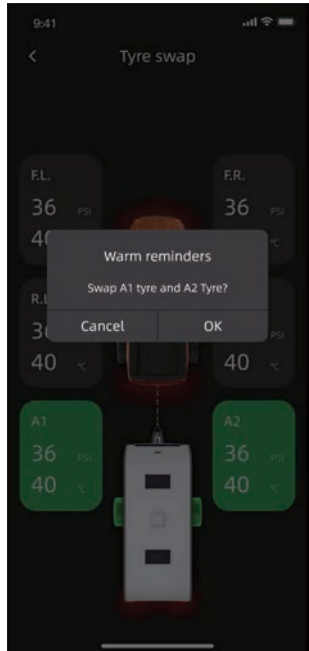
Data is on screen, when done, select the "<" icon top left on screen to exit pairing mode.



Tyre swap settings.

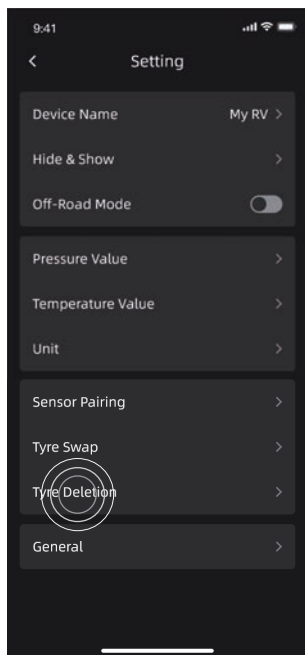


Select the two tyres to swap

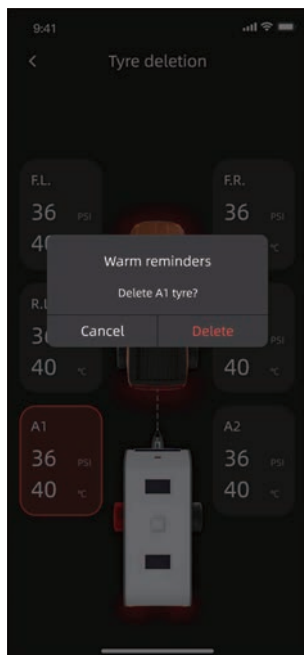


Confirm: Press "OK" to swap, select "Cancel" to cancel.

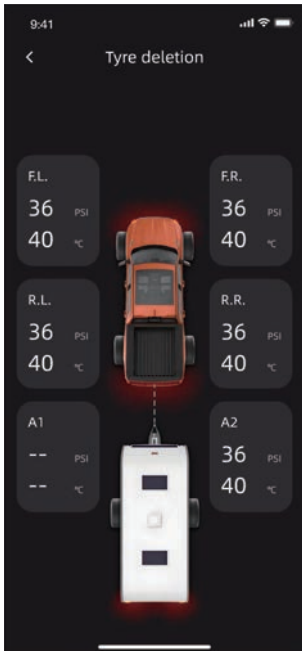
When done, select the "<" icon top left on screen to exit tyre swap mode.



Tyre deletion settings.

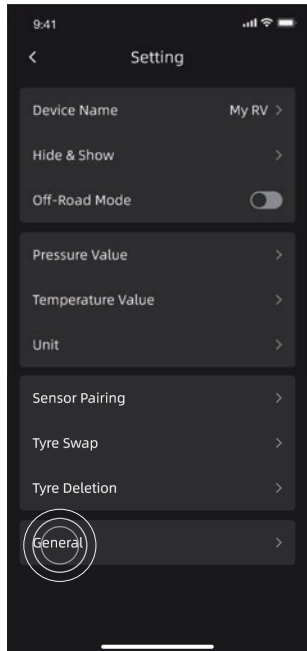


Select tyre sensor to delete: press "OK" to delete, or "Cancel" to exit.

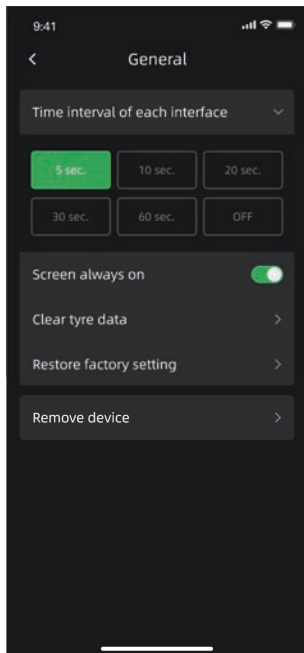


Sensor deletion complete

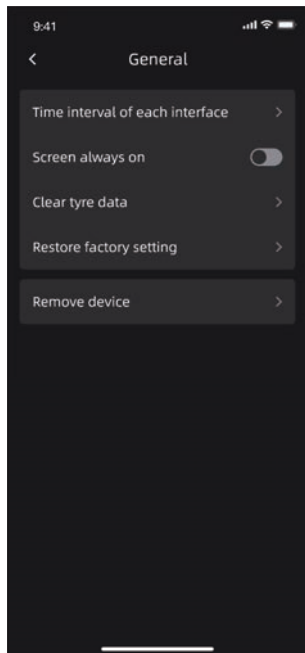
When done, select the "<" icon top left on screen to exit tyre deletion mode.



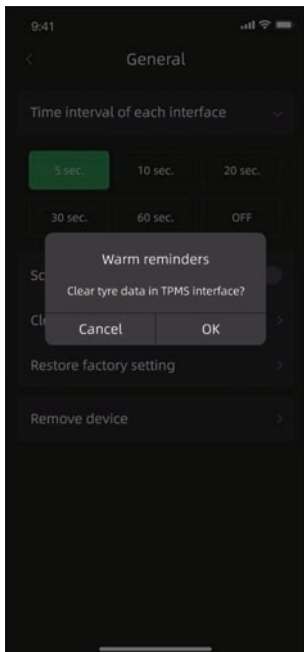
General settings



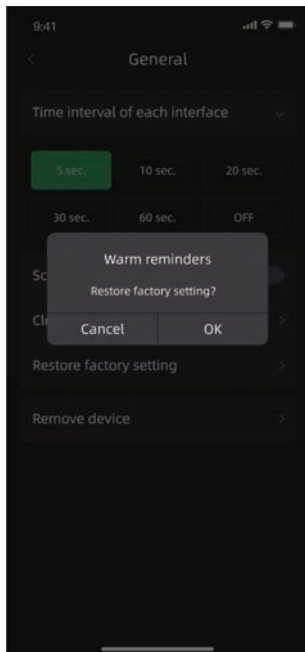
Here you can select the time interval duration the display spends on each interface (Tow vehicle / Trailer / Spares)



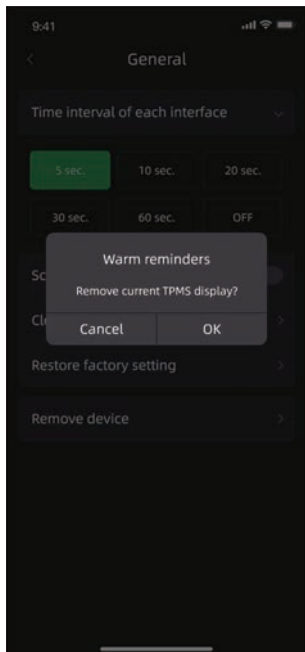
Here you can keep your App screen on



Clear Tyre Data: To carry out a sensor data reset, select "clear data", select OK to reset or cancel to exit.



Restore factory setting: Select "Restore factory setting", press "OK" to restore, or "Cancel" to exit.



Remove Device: To delete the display from your Oricom TPMS App, select "Remove device", select OK to delete or Cancel to exit.

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 from factory.
3. Whenever the location of a tyre is changed, the sensors must also be changed to the corresponding tyre.
4. The display will turn off automatically after the vehicle stops and no movement is detected for sometime.
5. Approval marks and numbers should not be removed from the product.
6. If the solar energy display is used in temperatures of higher than 80°C (or 176°F), the capacity of the built-in battery may be damaged.
7. The display unit is powered by a Non-User replaceable battery, if it is no longer holding charge it may be time to replace the display unit.
8. Discharge and charge fully every 6 months to preserve battery life.
9. Store between -40°C to +80°C (-40°F to +176°F). Charge between -10°C to +65°C (+14°F to +149°F).
10. Do not expose the display unit to high temperatures.
11. Do not disassemble or tamper with display unit and battery.

Driver Distraction warning

- The driver should always operate a vehicle in a safe manner. Minimising the amount of time spent viewing the display will prevent distraction.
- The display unit should be installed securely in a position that doesn't obstruct the drivers view of the road.
- Do not install the display unit in a position that may hinder the vehicles operating controls.
- Do not install 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 program the sensors
- * The display should show the real time tyre data automatically when the speed is over 25km/h
- * There is a problem with the sensor

2. "--" appears intermittently on the display unit.

- * The signal that is transmitted is a RF signal and is much like a mobile phone signal. The ACMA allows for 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.

Note: You may need to purchase the optional repeater to extend the displays range, this can be purchased on the Oricom website, Part number: RP10.

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 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 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 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

Oricom Support - New Zealand

0800 674 266

Monday - Friday 10am - 8pm NZST

Email: support@oricom.co.nz



Ref: 14102025