



### **Wheel Loss/Temperature Sensor (WL-3)**

The WL has the following functions:

- Monitors onset of wheel loss/wheel nut loosening
- Monitor wheel rim temperature
- Logs the highest temperature reached over the last 24 hours
- Wheel loss bracket holds the sensor against the wheel rim
- Signal transmission rates are controlled by motion and sensor alert state to protect battery life
- 3-5 year battery life under normal operating conditions

Instructions:

1. The WL sensor/brackets are fitted to all outer wheels. Each wheel has two brackets fitted diagonally opposite each other
2. Jack up and remove the wheel that you are fitting the WL/bracket
3. Ensure all mating faces are clean
4. Fit the WL sensor into the bracket and locate onto the studs
5. Replace the wheel nuts on both brackets
6. Carry out the wheel refixing procedure

Caution:

Use the Product in the environment with the temperature Between  $-40^{\circ}\text{C}$  and  $125^{\circ}\text{C}$ ; Otherwise, it may damage your product. Products can only be used below 2000m altitude

For the following equipment:

Product Name: Tyre & Wheel safety alert system

Brand Name: /

Model No.: WL-3

Wheely-Safe Ltd.

E-mail: garyt@wheely-safe.co.uk

hereby declares that this [Name: Tyre & Wheel safety alert system, Model: WL-3] is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.



The full text of the EU declaration of conformity is available on the next page.

This product is intended for sale and application in a business environment.

RED Article 10 2

-This product can be used across EU member states

RED Article 10 10

-The product is class 1 product, No restrictions

The RF distance between body and product is 5mm

Frequency Range: 433.92MHz

RF Output Power: -18.56dBm(ERP)

**EU Declaration of Conformity**  
**for**  
**RED Directive 2014/53/EU**

We,  
**Wheely-Safe Ltd**

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hereby, declare that the essential requirements set out in the **RED Directive 2014/53/EU**  
have been fully fulfilled on our product with indication below:

Product Name: Tyre & Wheel safety alert system

Brand Name: /

Model No.: WL-3

The following standards have been applied for the investigation of compliance:

**ETSI EN 300 220-1 V3.1.1 (2017-02)**

**ETSI EN 300 220-2 V3.2.1 (2018-06)**

**EN 50663:2017**

**EN 62479:2010**

**ETSI EN 301 489-1 V2.2.3 (2019-11)**

**ETSI EN 301 489-3 V2.3.2 (2023-01)**

**EN IEC 62368-1:2020+A11:2020**

And apply notified body assessment:

**Notified Body number 1177**

**Timco Engineering, Inc.**

**13146 NW 86th Drive Suite 400 Alachua, FL 32615,  
America**

Software Version:	V1.0
Hardware Version:	V1.0
System Components	
Component 1	Button lithium battery Model: CR2032W DC 3.0V Murata Manufacturing Co., Ltd.
Optional Components	
Optional 1	/

Furthermore, the ISO requirement for the in-process quality control procedure as well as the manufacturing process has been reached. The technical document as well as the test reports will be kept for a period at least 10 years after the last product has been manufactured at the disposal of the relevant national authorities of any Member State for inspection.

Detail contact information for this declaration has been listed below as the window of any issues relevant for this declaration.

**Manufacturer Contact**

Company: Wheely-Safe Ltd.

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UNITED KINGDOM

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E-mail: garyt@wheely-safe.co.uk



Date: 6/27/2025

**RF exposure statement**

This equipment complies with the FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**FCC Warning**

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.

Note: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.