




## MICHELIN TMS AL-01 Tire Mounted Sensor User Manual

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### TMS AL-01 User manual



#### Product information

Product type: Tire Mounted Sensor

Product model: TMS AL-01

Trademark: Michelin

The TMS AL-01 is a wireless sensor. The features and specifications are subject to change without notification.

The TMS AL-01 must be installed by a qualified professional.

#### **Manufacturer information**

Manufacturer name: Manufacture Française des Pneumatiques Michelin Address: 23 Place des Carmes Déchaux  
63040 Clermont-Ferrand

#### **Product Specification**

The TMS AL-01 must not be used in operating conditions different than those listed below.

#### **Operating Conditions**

Temperature: -40°C to 125°C (-40°F to 257°F)

Pressure: up to 20 bar above atmospheric pressure

Altitude: up to 10 000m

#### **Radiofrequency**

Band: 2400 MHz to 2483.5 MHz

Power: up to +2dBm (1.58mW)

#### **Warning**



The TMS AL-01 is only powered by an internal battery. This battery cannot be replaced.

The TMS AL-01 must not be installed in an explosive environment.

Check the TMS AL-01 casing for any damage before installing it and do not use the TMS AL01 if it is damaged.

Do not disassemble or attempt to service the AL-01.

Do not eat the TMS AL-01 above 125°C.

Disposing a battery into fire or a hot oven mechanically crushing or cutting a battery can result in an explosion.

Leaving a battery in an extremely high-temperature surrounding, or an extremely low air pressure environment may result in an explosion or leakage of flammable liquid or gas.



Disposal of waste batteries



The product complies with the DEEE/WEEE Directive (2012/19/UE French version, 2012/19/EU English version) on waste electrical and electronic equipment.

Do not dispose of it with other household waste. Instead, hand it over to the appropriate collection point for recycling.



#### **Certificates**

Administration	ID (if applicable)	Regulatory Information
OC/CB Scheme		In progress List of addressed countries:
CE		 The Manufacture Française des Pneumatiques Michelin declares that the radio equipment type TMS AL-01 is in compliance with Directive 2014/53/EU. Internet address: <a href="https://www.michelin.fr">https://www.michelin.fr</a>
FCC/IC	FCC ID: FI5TMS AL01 IC: 5056ATMSAL01	 This device complies with part 15 of the FCC Rules and with Industry Canada requirements: (1) This device may not cause harmful interference, and (2) this device must accept any interference that may be received, including interference from radio communications. Changes or modifications not expressly approved by Michelin may void the warranty. NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, 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 properly installed and used, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If interference does occur, you may wish to take the following steps to correct the interference by one or more of the following measures: <ul style="list-style-type: none"> <li>– Reorient or relocate the receiving antenna.</li> <li>– Increase the separation between the equipment and receiver.</li> <li>– Connect the equipment into an outlet on a circuit different from that to which the interfering equipment is connected.</li> <li>– Consult the dealer or an experienced radio/TV technician for help.</li> </ul> This device complies with FCC and ICSED radiation exposure limits set forth for unlicensed digital devices in conjunction with any other antenna or transmitter. Under Industry Canada regulations, this transmitter is not to be used in conjunction with any other antenna or transmitter. Under Industry Canada regulations, this transmitter is not to be used in conjunction with any other antenna or transmitter. To reduce the risk of fire, use only the type of power source or battery recommended by the manufacturer. The power source or battery must be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than the maximum permitted by the applicable regulations.

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