

PRODUCT NOTICE

DISPOSAL

The MEMS EVOLUTION 4 ACTIVE ANTENNA must not be disposed of in landfill.

At the end of its life, the MEMS EVOLUTION ACTIVE ANTENNA must be removed from the vehicle and deposited in a container dedicated to the recycling of electronic equipment. If users do not have access to the appropriate recycling facility, your local Michelin MEMS representative is able to provide a container dedicated to the purpose of collecting MEMS equipment.

CONTACT DETAILS

For more information or assistance, please contact the Michelin MEMS representative for your country.

Brasil, Chile & Perú	: +55 (21) 36 21 4646
USA, Canada & México	: +1 864 458 5000
Australia	: +61 3 86 71 1003
South Africa	: +27 115 790 300

Features, specifications are subject to change without notification.

Document version 1.0

MICHELIN® MEMS® EVOLUTION 4 IMPROVING YOUR EFFICIENCY EASIER THAN EVER BEFORE.



ACTIVE ANTENNA

www.michelinearthmover.com

PRODUCT NOTICE

PRODUCT NAME

MEMS EVOLUTION ACTIVE ANTENNA – Part Number CAI 319148

PRODUCT DESCRIPTION

The MEMS EVOLUTION ACTIVE ANTENNA receives, via antennas, pressure and temperature data transmitted by the MEMS SENSORS. This information is to be forwarded to the MEMS EVOLUTION TRANSCEIVER, together with any messages that may require corrective action to be taken in order to maximise the service life of the tire.

FCC / IC CERTIFICATION

Model : AA-V2.0
FCC ID : F15-EX1-01
IC : 5056A-EX101

This device complies with part 15 of the FCC Rules and with Industry Canada's licence-exempt RSSs. 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.

“Le Présent appareil est conforme aux CNR d’Industrie Canada applicables aux appareils radio exempts de licence. L’exploitation est autorisée aux deux conditions suivantes: (1) l’appareil ne doit pas produire de brouillage, et (2) l’utilisateur de l’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.”

Changes or modifications not expressly approved by Michelin may void the user's authority to operate the equipment.

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PRODUCT SPECIFICATION

Performance Characteristics

- RX frequency: 433.92MHz ISM band
- BLE frequency: 2.4GHz +4dBm

Electrical Performance

- Supply voltage: From 8 to 32VDC
- $I_{in}=60\text{mA}$ under 12V

Operating Conditions

- Operating temperature: -40°C to $+70^{\circ}\text{C}$, -40°F to $+158^{\circ}\text{F}$
- Sealing: IP66

Storage Conditions

- Storage temperature: -50°C to $+80^{\circ}\text{C}$, -58°F to $+176^{\circ}\text{F}$

Physical Characteristics

- Approximate dimensions: Height= 85mm. Length=130mm. Width=130mm
- Approximate weight: approximately 355g
- Available connections: CAN Bus

Environment

- RoHS compliant

