



Bryton Rider-460 Smart Speed Cadence Sensor User Guide

August 9,
2025

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Rider-460 Smart Speed Cadence Sensor

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Specifications:

- Model: A03

- GPS enabled cycling computer
 - Product Name: Bryton Smart Speed / Cadence Sensor
 - Battery: CR2032 (user-replaceable, remove battery tab before use)
 - Maximum Torque: 1.0 kgf.cm / 0.1 Nm
-

Product Usage Instructions:

1. Battery Installation:

Before using the Bryton Smart Speed / Cadence Sensor, ensure to remove the battery tab to activate the device. The sensor operates with a CR2032 battery, which is user-replaceable.

2. Sensors Pairing – Cadence Sensor:

To pair the cadence sensor with your device, follow the manufacturer's instructions provided with your cycling computer. Typically, this involves activating the sensor and then initiating the pairing process on your device.

3. Safety Information:

Follow these safety guidelines while using the Bryton Smart Speed / Cadence Sensor:

- Comply with FCC rules for interference prevention.
 - Maintain a minimum distance of 0.5cm between the sensor and your body.
 - Dispose of used batteries as per the provided instructions to prevent explosion risks.
-

FAQ:

Q: Can I replace the battery myself?

A: Yes, the Bryton Smart Speed / Cadence Sensor comes with a user-replaceable CR2032 battery. Remember to remove the battery tab before use and dispose of used batteries properly.

Q: How do I pair the cadence sensor with my cycling computer?

A: Please refer to the manufacturer's instructions for your specific cycling computer model on how to pair sensors. Typically, it involves activating the sensor and initiating pairing on your device.

Q: What are the safety precautions I should follow?

A: Follow FCC rules to prevent interference, maintain a safe distance between the sensor and your body, and dispose of used batteries correctly to avoid explosion risks.

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A03

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GPS

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Remove battery tab before use. The Bryton Smart Speed / Cadence Sensor contains a user-replaceable CR2032 battery.

PH0

Max 1.0 kgf.cm 0.1 Nm

Sensors Pairing _ Cadence Sensor

Pairing Bryton Smart Sensors with Your ANT+/ BLE Devices After installing Bryton Smart Sensors, rotate crank and wheel a few times to wake Bryton Smart Sensors up. The sensors can only be paired when they are awake, or they would go back to sleep to preserve power. Note: 1. The pairing steps differ from each Bryton device. Please check its own user manual. 2. Please keep away from other ANT+ or BLE sensors while pairing. Connecting to Your ANT+ / BLE Devices After pairing, your Bryton devices automatically connect to Bryton Smart Sensors each time when the sensors are awake.

Federal Communication Commission Interference Statement: 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 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.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example – use only shielded interface cables when connecting to computer or peripheral devices). FCC Radiation Exposure Statement This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance

of 0.5 centimeters between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The antennas used for this transmitter must be installed to provide a separation distance of at least 0.5 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

Australian Consumer Law Our goods come with guarantees that cannot be excluded under Australian consumer law. You are entitled to a replacement or refund for a major failure and for 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.

Industry Canada Compliance IC Regulations: This device complies with Industry Canada license-exempt RSS-247 and ICES-003 standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. 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." CAN ICES-3(B)/NMB-3(B)

IC RF Exposure Statement: This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0.5cm between the radiator & your body. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux CNR-102 d'Industrie Canada. Cet équipement doit être installé et utilisé avec une distance minimale de 0.5 centimètres entre le radiateur et votre corps. Cet émetteur ne doit pas être co-localisées ou opérant en conjonction avec autre antenne ou émetteur. Les antennes utilisées pour cet émetteur doivent être installés et fournir une distance de séparation d'au moins 0.5 centimètre de toute personne et doit pas être co-située ni fonctionner en conjonction avec une autre

antenne ou émetteur.

CE Marking Warning This is a Class B product, in a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

RF Exposure Information This device meets the EU requirements and the International Commission on Non-Ionizing Radiation Protection (ICNIRP) on the limitation of exposure of the general public to electromagnetic fields by way of health protection. To comply with the RF exposure requirements, this equipment must be operated in a minimum of 0.5cm separation distance to the user. Hereby, Bryton Inc. declares that the radio equipment type Bryton product is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

https://global.brytonsport.com/pages/support_documents

For device uses replaceable battery (either it is replaced by end user or by professional installer). Caution: risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

NCC

For more information on E-label regulations and compliance, as well as identification markers, relevant software, product and licensing information and other regulatory information provided by the FCC or regional compliance markings, please navigate to Menu > Settings > About. NCC > >

– Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate. – Even used batteries may cause severe injury or death. – Call a local poison control center for treatment information. – Battery type :CR2032 ; Battery voltage :3VDC. – Non-rechargeable batteries are not to be recharged. – Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns. – Ensure the batteries are installed correctly according to polarity (+ and -). – Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries. – Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations. – Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the

product, remove the batteries, and keep them away from children.

: GPS GPS enabled cycling computer

(): Rider 460

Restricted Substances and Its Chemical Symbols

Lead Mercury Cadmium Hexavalent Polybrominated Polybrominated

Unit

(Pb) (Hg)

(Cd)

chromium

biphenyls

diphenyl ethers


(Cr+6)

(PBB)

(PBDE)

1. 0.1 wt % 0.01 wt % Note 1: "Exceeding 0.1 wt %" and "exceeding 0.01 wt %" indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition. 2. Note 2: The " \leq " indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence. 3. Note 3: The "-" indicates that the restricted substance corresponds to the exemption.

Documents / Resources

	<p>Bryton Rider-460 Smart Speed Cadence Sensor [pdf] User Guide</p> <p>Rider-460_QSG_20241205_V04, A03, PH0, Rider-460 Smart Speed Cadence Sensor, Rider-460, Smart Speed Cadence Sensor, Cadence Sensor, Sensor</p>
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References

- [User Manual](#)

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🔍 A03, bryton, CADENCE SENSOR, PH0, Rider 460, Rider-460 Smart Speed Cadence Sensor, Rider-460_QSG_20241205_V04, Sensor, Smart Speed Cadence Sensor

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