



DUOBAND SPEED & CADENCE SENSOR

User's Guide

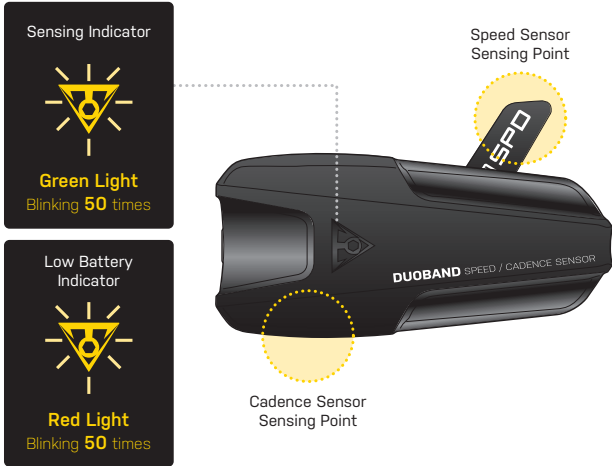


Sync to PanoBike+ App and other Apps with Bluetooth® Smart (BLE 4.0) connection program.



ANT+ system for Garmin or other devices.

EN



- Sensor will automatically turn on when either crank or wheel magnet passes sensor.
- Sensor will blink to indicate operation. (LED will turn off after 50 blinks)
- Sensor will automatically turn off if magnet is not detected by sensor.

| Cadence Magnet Set (A) for pedal axle hexagon socket | Cadence Magnet Set (B) for crankarm | Speed Magnet Set |
|--|-------------------------------------|------------------|
| | | |
| | | |
| Cadence Magnet | | |

INSTALLATION

TIPS : Proper distance between Sensor and Magnet : < 10 mm

1

OPTION A

Cadence Magnet Set (A)

3 mm

Cadence Magnet

Cadence Sensor Sensing Point

Top View

IMPORTANT NOTE

OPTION B

Cadence Magnet Set (B)

Install Cadence Magnet on left crankarm near pedal as shown. Do not tighten zip ties completely to allow magnet placement.

Cadence Magnet

Top View

IMPORTANT NOTE

Align Cadence Magnet with Cadence Sensor Sensing Point as shown to ensure magnet does not interfere with Speed Sensor.

2

Pre-fit Sensor and Rubber Bracket on left chainstay (non-drive side) and trim excess rubber from bracket. Ensure the Topeak logo is facing up. Install zip ties loosely to allow sensor placement.

3

For Round Spokes

For Bladed Spokes

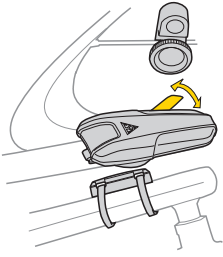
Speed Sensor Sensing Point

Unscrew the wheel magnet to install on spoke.

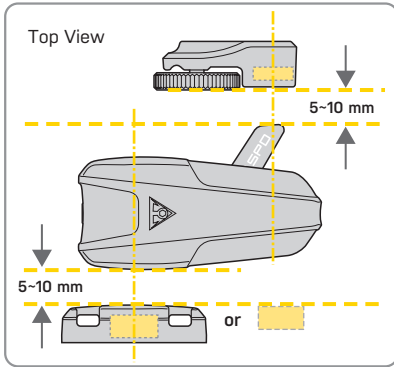
Tighten the Wheel Magnet onto spoke and align with sensing point on sensor.



4



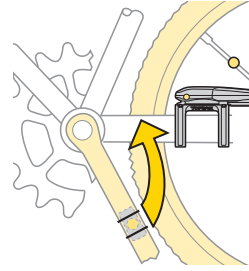
Adjust angle and position of sensor to achieve recommended magnet distances and aligning sensing points.



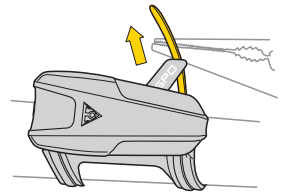
IMPORTANT NOTE

Align Wheel Magnet with Speed Sensor Sensing Point as shown to ensure magnet does not interfere with Cadence Sensor.

5 Pair with PanoBike+ App



Download PanoBike+ App and follow the procedures to pair with PanoBike+ App.



After successful pairing with PanoBike+ app, ensure the Sensor is installed and tightened securely on left chainstay by using needle nose pliers. Trim excess zip tie.

SPECIFICATION

Tech: Bluetooth® Smart & ANT+ super low energy technology, Dual Band System
Battery Lifetime (approx): 900 hr
Battery: CR2032 x 1 pc (included)
Transmission Range: < 5 meter (16.4 ft)
Waterproof: IPX 7
Operation Temperature: -10°C ~ 50°C (14°F ~ 122°F)
Weight: 20 g / 0.70 oz

TOPEAK PANOBike+ APP



Sync to PanoBike+ App and other Apps with Bluetooth® Smart (BLE 4.0) connection program.

The ultimate cycling performance app just got better. The PanoBike+ has additional functionality that transforms your smartphone's powerful Bluetooth® Smart capabilities into a bike computer, personal trainer, health management, and social media upload device. The new PanoBike+ app can upload your ride details to Strava and share it on Facebook, and the Dual Mode Technology allows you to use either your smartphone during your ride, or use a compatible PanoComp X bike computer during your ride, and sync your phone afterwards to upload and analyze your ride data. By combining the functions of an enhanced cycle computer and heart rate monitor (requires optional DuoBand Speed & Cadence Sensor and DuoBand Heart Rate Monitor) in a single app, you get the most out of your bike ride.



iOS 8 or above
(Download for Free)



Android OS 4.4 or above
(Download for Free)



FCC INFORMATION

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.
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.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must be collocated or operating in conjunction with any other antenna or transmitter.

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

TROUBLE SHOOTING

- 1. Why can't I connect the sensor with PanoBike+ App?**
 - Ensure Bluetooth® function of your smartphone is turned on.
 - Is the battery exhausted? Replace battery.
- 2. Display is slow?**
 - Is the temperature below -10°C (14°F)? The unit will return normal state when the temperature rises.
- 3. No current speed or incorrect data?**
 - Ensure the magnets are aligned with the correct sensing points as the crank and wheel spins.

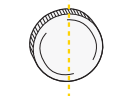
CAUTION

1. The Sensor and hardware can be used in the rain but should not be used underwater.
2. Do not disassemble the Sensor and hardware.
3. Check relative positions and gap between sensor and magnets periodically.
4. Do not use harsh chemicals to clean the Sensor and hardware.
5. Remember to pay attention to the road while riding.

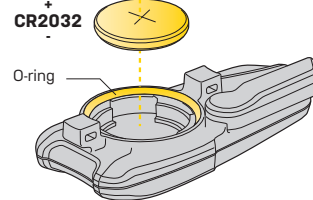
CHANGING BATTERY

Operation Time up to **900 hr. / 2.5 yr.**

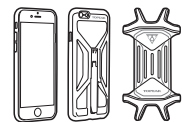
* 2.5 years with 1 hr/ day use



NOTE: Install the sensor battery before first use.



RELEVANT ACCESSORIES

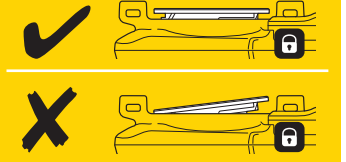


RideCase series



DuoBand Heart Rate Monitor
Art No. TPB-HRM05

BATTERY COVER



WARRANTY

2-years Warranty: All mechanical components against manufacturer defects only. Batteries are not covered under any implied warranty.

Warranty Claim Requirements

To obtain warranty service, you must have your original sales receipt. Items returned without a sales receipt will assume that the warranty begins on the date of manufacture. All warranties will be void if the product is damaged due to user crash, abuse, system alteration, modification, or used in any way not intended as described in this manual.

* The specifications and design are subject to change without notice.

Please contact your Topeak dealer with any questions.

For USA customer service, call: 1-800-250-3068
www.topeak.com



FCC ID : R3S-SC03
MODEL : TPB-SC03
C-CAG16LP0270T0