



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

Sensing Indicator

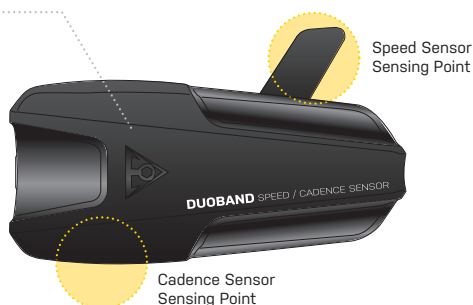


Green Light
Blinking
50 times

Low Battery
Indicator



Red Light
Blinking
50 times



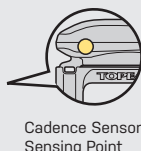
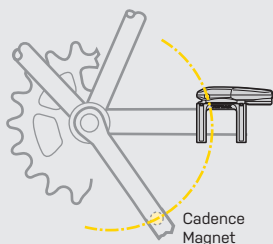
Cadence Magnet Set (A) for pedal axle hexagon socket	Cadence Magnet Set (B) for crankarm	Speed Magnet Set
	 Rubber Pad Cadence Magnet Holder Zip Tie	
Cadence Magnet 12 x 3 mm		Rubber Bracket Set Rubber Bracket Zip Tie

INSTALLATION

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

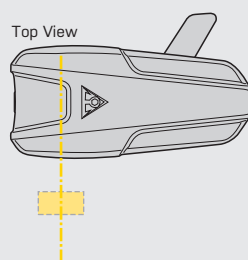
1
OPTION A

Cadence Magnet Set (A)



Cadence Sensor
Sensing Point

Top View

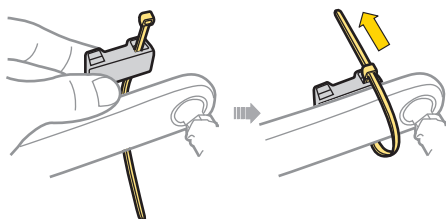
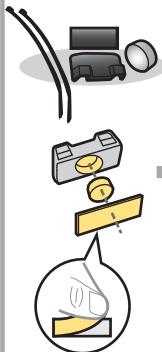


IMPORTANT NOTE

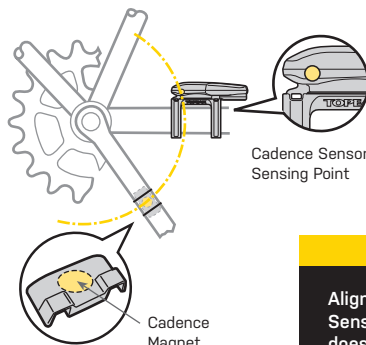
Align Cadence Magnet with Cadence Sensor Sensing Point as shown to insure magnet does not interfere with Speed Sensor.

OPTION B

Cadence Magnet Set (B)



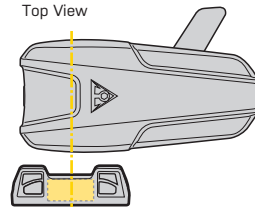
Install Cadence Magnet on left crankarm near pedal as shown. Do not tighten zip ties completely to allow magnet placement.



Cadence Sensor
Sensing Point

Cadence
Magnet

Top View



IMPORTANT NOTE

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

2

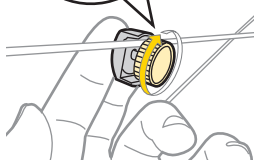


Pre-fit Sensor and Rubber Bracket on left rear chainstay (non-drive side) and trim excess rubber from bracket. Insure the Topeak logo is facing up. Install zip ties loosely to allow sensor placement.

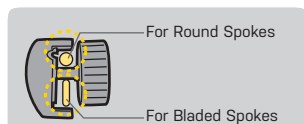
3



Unscrew the wheel magnet to install on spoke.



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

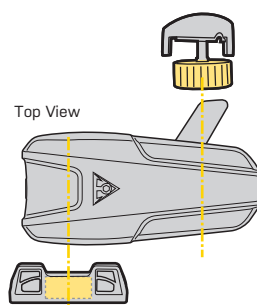


For Round Spokes

For Bladed Spokes



Speed Sensor
Sensing Point



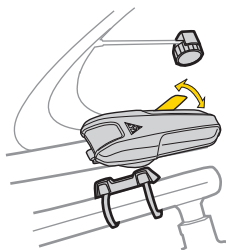
Top View

IMPORTANT NOTE

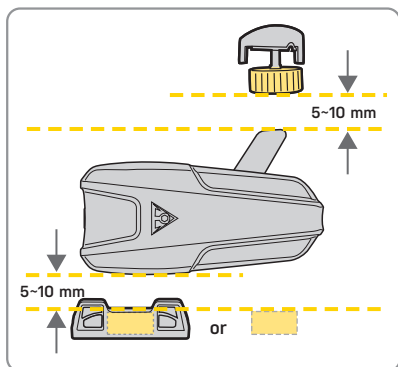
Align Wheel Magnet with Speed Sensor Sensing Point as shown to insure magnet does not interfere with Cadence Sensor.



4

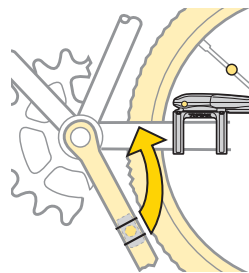


Adjust angle and position of sensor to achieve recommended magnet distances and aligning sensing points.

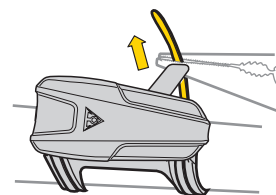


5

Pair with PanoBike App



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



After pairing with PanoBike+ App successfully, make sure the Sensor is installed and tightened securely on left rear chainstay by using needle nose pliers before trimming excess zip tie.

SPECIFICATION

Tech: Bluetooth® Smart & ANT+ super low energy technology, Dual Mode
 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

TROUBLE SHOOTING

1. Why can't I connect the sensor with PanoBike+ App?
 - Make sure the Bluetooth® system in your smartphone has been open.
 - 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?
 - Make sure the magnets are aligned to pass by the sensor as the crankarm and wheel spin.

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.

TOPEAK PANOBike+ APP



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

The ultimate cycling performance app that utilizes your smartphone's powerful Bluetooth® Smart capabilities and transforms it into your bike computer, personal training and health management device.

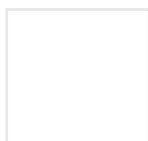
This app combines the functions of phone, cycle computer, GPS, music player, camera, and heart rate monitor (requires purchase of separate DuoBand Heart Rate Monitor) into one program that allows you to have loads of fun on your bike ride.



iOS 5 or above
(Download for Free)



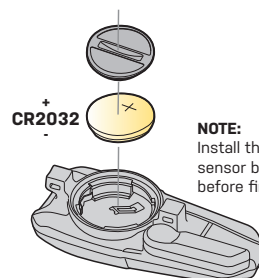
Android OS 4.3 or above
(Download for Free)



CHANGING BATTERY

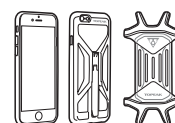
Operation Time up to
900 hr. / 2.5 yr.

* 2.5 years with 1 hr/ day use

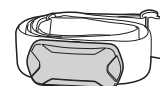


NOTE:
Install the sensor battery before first use.

RELEVANT ACCESSORIES



RideCase series



DuoBand Heart Rate Monitor
Art No. TPB-HRM05

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.

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

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

* Bluetooth® is a registered trademark of Bluetooth SIG, Inc.
 * iPhone is a registered trademark of Apple Inc.
 * App Store is a service mark of Apple Inc.

FCC ID : R3S-SC03
MODEL : TPB-SC03

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CCAE14LP121073

