CYCLAMI CYCLAMI C1

CYCLAMI Bike Speed/Cadence Sensor User Manual

Model: CYCLAMI C1 | Brand: CYCLAMI

1. Product Overview

The CYCLAMI Bike Speed/Cadence Sensor is a versatile device designed to track your cycling performance. It supports both speed and cadence measurements, connecting wirelessly via ANT+ and Bluetooth to a wide range of cycling computers and fitness applications. Its compact and lightweight design, combined with IPX6 waterproofing, makes it suitable for various riding conditions.

Image 1.1: The CYCLAMI Bike Speed/Cadence Sensor, a compact device for tracking cycling data.

Key Features:

- **Dual Mode:** Functions as either a speed sensor or a cadence sensor. Note: Two sensors are required for simultaneous speed and cadence data.
- **Wireless Connectivity:** Supports ANT+ and Bluetooth protocols for broad compatibility.
- **Wide Compatibility:** Works with popular apps like Zwift, Rouvy, Xoss, Blackbird, Samsung Health, Apple Watch, TrainingPeaks, Navihood, Keep, Nike+, Gudong, and more.
- **Easy Installation:** Simple attachment to the wheel hub for speed or crank arm for cadence using rubber bands.
- **Durable Design:** IPX6 waterproof rating and lightweight (8.1g).
- **Long Battery Life:** Up to 270 hours of continuous use.

2. Setup and Installation

2.1 Battery Activation

Before first use, remove the insulating sheet located underneath the battery. This activates the sensor for operation.

Image 2.1: Locate and remove the insulating sheet from the battery compartment before use.

2.2 Switching Between Speed and Cadence Modes

The sensor features a one-touch switch to toggle between speed and cadence modes. Press the small button on the sensor to switch modes. The LED indicator will change color to confirm the active mode:

- **Green Light:** Speed Mode
- **White Light:** Cadence Mode

After switching modes, you may need to reconnect the sensor to your receiving device or application.

Image 2.2: The sensor's LED indicator shows green for speed mode and white for cadence mode.

2.3 Installation for Speed Mode

1. Switch the sensor to Speed Mode (Green LED).
2. Snap the curved rubber patch onto the back of the sensor.
3. Tie the sensor securely to the front or rear wheel hub using the provided rubber band.
4. Open your mobile riding app or cycling computer to search for the device.

Image 2.3: Step-by-step guide for installing the sensor in speed mode on the wheel hub.

2.4 Installation for Cadence Mode

1. Switch the sensor to Cadence Mode (White LED).
2. Snap the curved rubber patch onto the back of the sensor.
3. Tie the sensor securely to the pedal crank arm using the provided rubber band.
4. Open your mobile riding app or cycling computer to search for the device.

Image 2.4: Step-by-step guide for installing the sensor in cadence mode on the crank arm.

3. Operating Instructions

3.1 Pairing with Devices and Applications

The CYCLAMI sensor supports both Bluetooth and ANT+ protocols, allowing it to connect with a wide range of cycling computers, smartwatches, and fitness applications. Ensure your device's Bluetooth or ANT+ is enabled and follow its instructions to search for and pair with the sensor.

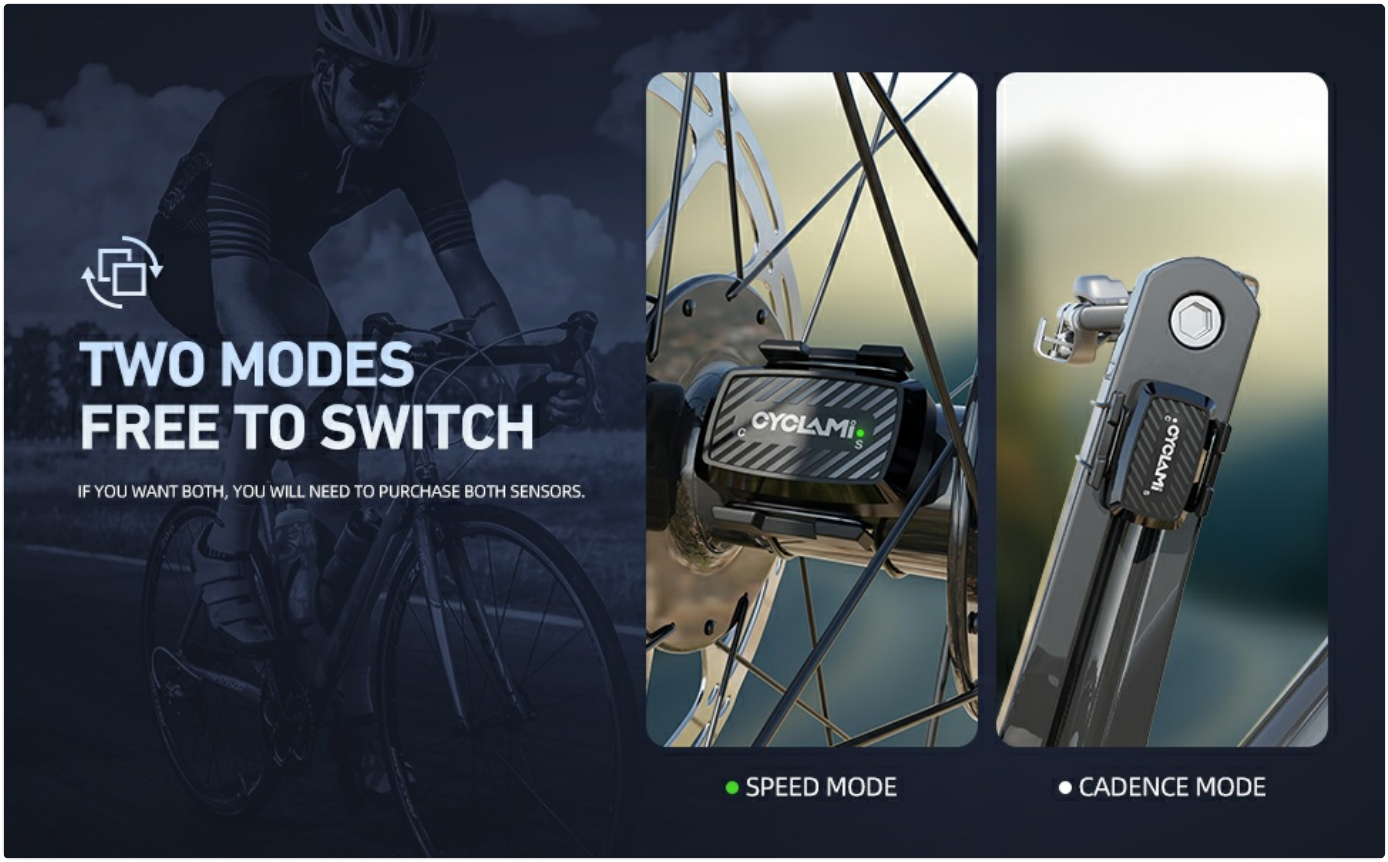


Image 3.1: The sensor is compatible with numerous applications and devices via BLE 5.0 and ANT+ protocols.

3.2 Data Transmission

Once paired, the sensor will automatically transmit real-time speed or cadence data to your connected device. Ensure the sensor is within range of your device for continuous data reception.

4. Maintenance

4.1 Waterproofing

The sensor has an IPX6 waterproof rating, meaning it is protected against powerful water jets. It can withstand rain and splashes during cycling. However, it is not designed for submersion in water for extended periods.

Image 4.1: The sensor's IPX6 rating ensures protection against water splashes during rides.

4.2 Battery Replacement

The sensor is powered by a replaceable battery, offering up to 270 hours of battery life. When the battery is low, the sensor's performance may degrade or it may stop transmitting data. Refer to the sensor's casing for battery type and replacement instructions. Ensure proper polarity when inserting a new battery.

4.3 Cleaning

Clean the sensor periodically with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the casing or electronic components.

5. Troubleshooting

5.1 Sensor Not Activating/No LED Light

- **Check Battery Insulation:** Ensure the plastic insulating sheet has been removed from under the battery.
- **Battery Level:** Replace the battery if it is depleted.
- **Battery Orientation:** Verify the battery is inserted with the correct polarity.

5.2 Difficulty Pairing with Device

- **Sensor Mode:** Confirm the sensor is in the correct mode (speed or cadence) for the data you wish to receive.
- **Device Bluetooth/ANT+:** Ensure Bluetooth or ANT+ is enabled on your receiving device.
- **Proximity:** Keep the sensor close to your receiving device during the pairing process.
- **Interference:** Move away from other electronic devices that might cause interference.
- **Reboot:** Try restarting both the sensor (by removing and reinserting the battery) and your receiving device.

5.3 Inaccurate Readings

- **Installation:** Verify the sensor is securely mounted and correctly positioned according to the installation instructions for the chosen mode (speed on hub, cadence on crank arm).
- **Tire Size Calibration (Speed Mode):** Ensure your cycling computer or app has the correct wheel circumference entered for accurate speed readings.
- **Obstructions:** Check for any physical obstructions between the sensor and the magnet (if applicable, though this sensor is magnet-less) or the receiving device.

6. Specifications

Feature	Specification
Brand	CYCLAMI
Model Name	CYCLAMI C1
Product Dimensions	1.3"L x 0.39"W x 1.1"H
Item Weight	8.1 Grams
Sensor Type	Speed Sensor, Cadence Sensor
Connectivity Technology	ANT+, Bluetooth
International Protection Rating	IPX6
Battery Life	Up to 270 Hours
Human Interface Input	Buttons
Included Components	Bike sensor

7. Warranty and Support

7.1 Warranty Information

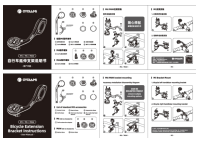
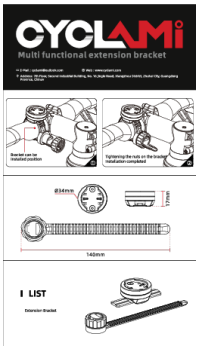
This product comes with a **1-YEAR** warranty from the date of purchase. The warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please refer to the seller's contact information on the platform where the product was purchased. You may also visit the official CYCLAMI brand store for additional resources and support.

CYCLAMI Store: https://www.amazon.com/stores/CYCLAMI/page/A2CA0EF8-4594-4102-A438-7FBC9833393A

Related Documents - CYCLAMI C1

	[CYCLAMI C1 CAD SPD Cadence Speed Sensor Instruction Manual] Instruction manual for the CYCLAMI C1 CAD SPD wireless cadence and speed sensor. Covers packing list, specifications, installation, pairing, battery replacement, and warranty information.
	[CYCLAMi CYC1600 Professional Cycling Headlight User Manual] User manual for the CYCLAMi CYC1600 professional cycling headlight, detailing installation, operation, charging, specifications, and safety precautions for cyclists.
	[CYCLAMI X7 Bicycle Light User Manual] CYCLAMI X7 Bicycle Light User Manual: A comprehensive guide to the 1000-lumen, USB rechargeable, waterproof smart headlight for road and mountain bikes. Learn about installation, operation, features, and maintenance.
	[CYCLAMI M5/M6/M6W Bicycle Extension Bracket User Manual & Installation Guide] Official user manual and installation guide for the CYCLAMI M5, M6, and M6W bicycle extension brackets. Learn how to mount your cycling computer, GoPro, or other accessories securely.
	[Cyclami Bicycle Light BR-1200 User Manual] Comprehensive user manual for the Cyclami BR-1200 bicycle light, covering operating modes, specifications, installation, and battery information. Includes instructions in English, Spanish, Chinese, and Japanese.
	[CYCLAMI Multi-functional Extension Bracket for Bicycles - Installation and Specifications] Detailed guide for the CYCLAMI multi-functional extension bracket, a versatile bicycle computer mount. Includes installation steps, technical dimensions (Ø34mm, 17mm, 140mm), and parts list.