Sigma 05210

Sigma BC 5.0 Wired Bike Computer User Manual

Model: 05210

Introduction

The Sigma BC 5.0 Wired Bike Computer is a compact and essential device designed to track your cycling performance. It offers five core functions, an easy-to-read display, and a durable, weatherproof design. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and longevity of your device.

Package Contents

Figure 1: Package Contents. This image displays the Sigma BC 5.0 bike computer along with its wired speed sensor, magnet, mounting bracket, battery, and zip ties for installation.

Before beginning installation, please verify that all components are present in the package:

- Sigma BC 5.0 Bike Computer Unit
- Wired Speed Sensor
- Wheel Magnet
- Mounting Bracket with Cable
- CR2032 Battery (pre-installed or separate)
- Zip Ties for Installation

Setup and Installation

1. Battery Installation

Figure 2: Battery Compartment. This image shows the rear of the Sigma BC 5.0 bike computer with the battery cover removed, revealing the CR2032 battery slot.

The Sigma BC 5.0 uses a CR2032 battery. If not pre-installed, open the battery compartment on the back of the unit using a coin, insert the battery with the positive (+) side facing up, and securely close the cover. The battery life is approximately 2+ years.

2. Mounting the Computer and Sensor

Figure 3: Mounted Bike Computer. A hand is shown interacting with the Sigma BC 5.0 bike computer, which is securely mounted on bicycle handlebars, demonstrating its compact size and easy accessibility.

1. **Mounting Bracket:** Attach the mounting bracket to your bicycle handlebars or stem using the provided zip ties. Ensure it is securely fastened and positioned for easy viewing.
2. **Speed Sensor:** Mount the wired speed sensor to the front fork of your bicycle using zip ties. Position it so that the sensor head is aligned with the wheel magnet.
3. **Wheel Magnet:** Attach the magnet to a spoke on your front wheel. Ensure the magnet passes within 1-3 mm of the speed sensor head with each wheel rotation. Adjust the sensor or magnet position as needed.
4. **Cable Routing:** Route the sensor cable along the fork and frame, securing it with zip ties to prevent interference with moving parts. Plug the cable into the back of the bike computer unit.
5. **Computer Unit:** Slide the Sigma BC 5.0 unit onto the mounting bracket until it clicks into place.

3. Initial Setup and Wheel Size

After installation, you may need to set the wheel circumference for accurate speed and distance readings. Refer to the

specific instructions in your device's quick start guide for entering this value. Typically, this involves pressing and holding a button to enter setup mode and then cycling through options to input the wheel size (e.g., in mm).

Operating the Bike Computer

Figure 4: Five Essential Functions. This composite image shows four Sigma BC 5.0 units, each displaying one of the five core functions: current speed, trip distance, total distance, ride time, and clock.

The Sigma BC 5.0 features a single button for easy operation and cycling through its five essential functions:

- **Current Speed:** Displays your real-time cycling speed.
- **Trip Distance:** Shows the distance covered during your current ride.
- **Total Distance (Odometer):** Accumulates the total distance covered by the bicycle.
- **Ride Time:** Tracks the duration of your current ride.
- **Clock:** Displays the current time.

Press the button briefly to cycle through these functions. The display is designed to be easy to read, even while riding.

Maintenance and Care

Weather Resistance

Figure 5: Weatherproof Design. This image highlights the water resistance of the Sigma BC 5.0 bike computer, showing its surface covered in water droplets, indicating its suitability for use in various weather conditions.

The Sigma BC 5.0 is designed to be weatherproof, allowing for use in various conditions. While it can withstand splashes and rain, it is not intended for submersion. After riding in wet conditions, wipe the unit dry with a soft cloth.

Battery Replacement

The battery typically lasts for 2+ years. When the display becomes dim or functions become erratic, it's time to replace the CR2032 battery. Follow the battery installation steps outlined in the Setup section.

Cleaning

Clean the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the display or casing.

Troubleshooting

- **No Speed/Distance Reading:**
  - Check the alignment of the wheel magnet and speed sensor. They should be very close (1-3 mm gap).
  - Ensure the sensor cable is securely plugged into the computer unit.
  - Verify the battery is correctly installed and has sufficient charge.
- **Display is Dim or Blank:**
  - Replace the CR2032 battery.
  - Ensure the battery is inserted with the correct polarity.
- **Inaccurate Readings:**
  - Confirm the correct wheel circumference has been entered into the computer.
  - Check for any loose connections or damage to the sensor cable.
- **Unit Not Responding:**
  - Remove and reinsert the battery to perform a soft reset.
  - If issues persist, contact Sigma customer support.

Specifications

Figure 6: Product Dimensions. This image illustrates the compact size of the Sigma BC 5.0 bike computer, showing its height (51mm), width (38mm), and depth (10mm), along with a 1.7-inch screen diagonal.

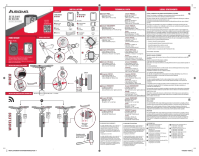
Feature	Detail
Model Number	05210
Product Dimensions	38L x 10W x 51H millimeters (approx. 3.8 x 1 x 5.1 cm)
Item Weight	24 Grams
Display Size	1.7 inches (diagonal)
Display Type	HTN
Battery Type	CR2032 Lithium Metal (included)

Feature	Detail
Battery Life	Approximately 2+ years
Connectivity	Wired
Functions	Current Speed, Trip Distance, Total Distance, Ride Time, Clock
Color	Black

Warranty and Support

Sigma products are manufactured with high-quality standards. For information regarding warranty coverage, technical support, or service, please refer to the official Sigma website or contact their customer service department. Keep your proof of purchase for warranty claims.
For further assistance, visit: www.sigmasport.com

Related Documents - 05210

	SIGMA EOX® VIEW 1500 CAN E-Bike Computer: Operating and Mounting Instructions Comprehensive operating and mounting instructions for the SIGMA EOX® VIEW 1500 CAN E-Bike Computer. Learn about setup, features, connections to smartphones and apps like KOMOOT, and advanced functions.
	Sigma BC 10.0 WR/WL Bicycle Computer Manual and Installation Guide Comprehensive guide for the Sigma BC 10.0 WR wired and BC 10.0 WL wireless bicycle computers, covering installation, functions, settings, and technical data.
	SIGMA ROX 11.1 EVO GPS Bike Computer: Short Manual This short manual for the SIGMA ROX 11.1 EVO GPS bike computer provides essential guidance for setup, installation, and operation. Learn about key features like GPS tracking, sensor connectivity, and e-bike integration to enhance your cycling performance.
	SIGMA ROX 2.0 GPS Bike Computer: Quick Start Guide This guide provides essential information for setting up and using the SIGMA ROX 2.0 GPS bike computer. Learn about installation, button functions, first start, training, menu navigation, settings, e-bike connection, the SIGMA RIDE app, charging, and technical specifications.

	Sigma ROX 4.0 Short Manual: Installation, Features, and Operation A concise guide to the Sigma ROX 4.0 cycling computer, covering installation, button functions, training modes, settings, sensor connection, e-bike connection, firmware updates, and charging. Includes technical specifications and app integration details.
	SIGMA ROX 12.1 EVO GPS Bike Computer - Short Manual Concise guide for the SIGMA ROX 12.1 EVO GPS Bike Computer, covering installation, setup, button functions, training, sensor and e-bike connectivity, app usage, charging, and technical specifications. Includes warranty information and compliance details.