

Sigma 8210

SIGMA SPORT BC 8.0 Bicycle Computer User Manual

Model: 8210

Brand: Sigma

1. INTRODUCTION

The SIGMA SPORT BC 8.0 is a wired bicycle computer designed to provide essential cycling data with ease of use. It features a clear display and large buttons, making it suitable for all cyclists. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and longevity of your device.

2. PACKAGE CONTENTS

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

- SIGMA SPORT BC 8.0 Bicycle Computer (including battery)
- Bracket for cable model
- Magnet
- Mounting materials (cable ties)
- Operating instructions (this manual)

PACKAGING INCLUDES



Image 2.1: Contents of the SIGMA SPORT BC 8.0 package, including the computer, bracket, magnet, and mounting ties.

3. INSTALLATION AND SETUP

3.1 Mounting the Computer and Bracket

1. Attach the bracket securely to your bicycle's handlebar or stem using the provided cable ties. Ensure it is positioned for easy viewing and access.
2. Slide the BC 8.0 computer onto the bracket until it clicks into place.

3.2 Mounting the Speed Sensor and Magnet

1. Attach the speed sensor to the bicycle fork using the provided cable ties. Position it so that the sensor head aligns with the spokes.
2. Attach the magnet to a spoke on the front wheel. Ensure the magnet passes directly in front of the sensor head with a gap of approximately 1-3 mm.
3. Route the sensor cable neatly along the fork and brake cable, securing it with additional cable ties if necessary, up to the computer bracket.



Image 3.1: Illustration of the wired connection from the speed sensor to the BC 8.0 computer.

3.3 Initial Settings

Upon first use or after battery replacement, you may need to configure basic settings:

1. **Wheel Size:** Accurate speed and distance readings depend on correct wheel size input. Refer to your bicycle tire for the wheel diameter (e.g., 700c, 26 inches) and consult the manual's appendix (if available) or online resources for the corresponding circumference in millimeters.
2. **Units:** Select your preferred units for speed and distance (km/h and km, or mph and miles).
3. **Time:** Set the current time.
4. **Language:** The BC 8.0 supports seven languages. Select your preferred display language.

Use the single button on the computer to navigate through settings and confirm selections. Press and hold to enter setup mode, and short presses to cycle through options.

4. OPERATION

The SIGMA SPORT BC 8.0 provides clear, real-time data on its large display. It is operated primarily through a single button for simplicity.

4.1 Display Overview



Image 4.1: The main display of the BC 8.0, showing current speed and trip distance.

The display is divided into two main sections, typically showing current speed at the top and another function at the bottom. The large digits ensure readability at a glance.

4.2 Available Functions

The BC 8.0 tracks several key cycling metrics:

- **Current Speed:** Displays your real-time speed.
- **Daily Kilometers/Miles (Trip Distance):** Resettable distance for your current ride.
- **Total Kilometers/Miles (Total Distance):** Accumulative distance over the lifetime of the computer.
- **Riding Time:** Tracks the duration of your current ride.
- **Time of Day:** Displays the current time.
- **Average Speed:** Calculates your average speed for the current ride.
- **Maximum Speed:** Records the highest speed achieved during the current ride.
- **Speed Comparison:** An arrow indicator shows if your current speed is above or below your average speed.



Image 4.2: Examples of the 8 functions displayed on the BC 8.0, including ride time and average speed.

4.3 Button Usage

The BC 8.0 features a single, intuitive button for operation:

- **Short Press:** Cycles through the various display functions (e.g., Trip Distance, Riding Time, Average Speed).
- **Long Press:** Enters or exits setup mode, or resets trip data depending on the context. Refer to the on-screen prompts for specific actions.

5. MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your BC 8.0 bicycle computer.

5.1 Battery Replacement

The BC 8.0 uses a replaceable button battery designed to last well over two years. When the display becomes dim or erratic, it's time to replace the battery.

1. Carefully remove the computer from its bracket.
2. Locate the battery compartment on the back of the unit.
3. Use a coin or small screwdriver to gently twist open the battery cover.
4. Remove the old battery and insert a new CR2032 lithium metal battery, ensuring correct polarity.
5. Replace the battery cover and twist to secure it.



Image 5.1: The battery compartment of the BC 8.0, showing the replaceable CR2032 battery.

5.2 Cleaning

Clean the computer and sensor regularly with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as these can damage the display or casing.

5.3 Water Resistance

The BC 8.0 is designed to be waterproof and weatherproof, allowing for use in various conditions. While it can withstand rain and splashes, avoid submerging the unit in water.



Image 5.2: The BC 8.0 demonstrating its water-resistant design.

6. TROUBLESHOOTING

If you encounter issues with your BC 8.0, try the following troubleshooting steps:

- **No Speed/Distance Reading:**
 - Check the alignment of the magnet and sensor. Ensure the gap is 1-3 mm.
 - Verify the sensor cable is securely connected to the computer bracket.
 - Ensure the wheel size is correctly set in the computer's settings.
- **Display is Dim or Blank:**
 - Replace the battery (refer to Section 5.1).
 - Ensure the battery is inserted with the correct polarity.
- **Incorrect Readings:**
 - Double-check the wheel circumference setting. An incorrect value will lead to inaccurate speed and distance.
 - Ensure the magnet and sensor are firmly attached and not shifting during rides.
- **Buttons Unresponsive:**
 - Remove the computer from the bracket and reinsert it firmly.
 - If possible, try a battery reset by temporarily removing and reinserting the battery.

If problems persist after attempting these steps, please contact Sigma Sport customer support.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	8210

Feature	Specification
Display Type	FSTN
Display Size	1.9 inches (diagonal)
Dimensions (L x W x H)	4 x 1.4 x 5.5 cm
Weight	27 g
Material	Plastic
Color	Black
Battery Type	1 x CR2032 Lithium Metal (included)
Battery Life	2+ years
Connectivity	Wired
Water Resistance	Waterproof and Weatherproof
Functions	Current Speed, Average Speed, Max Speed, Trip Distance, Total Distance, Riding Time, Time of Day, Speed Comparison



Image 7.1: Physical dimensions of the BC 8.0 computer.

8. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official Sigma Sport website or the documentation provided with your purchase. Keep your proof of purchase for warranty claims.

No official product videos were found for this model from the seller.