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› Prophete Sigma Sport BC 400 Bicycle Computer User Manual

Prophete 103

Prophete Sigma Sport BC 400 Bicycle Computer User Manual

Model: 103

1. INTRODUCTION

Thank you for choosing the Prophete Sigma Sport BC 400 Bicycle Computer. This device is designed to provide essential cycling data, enhancing your riding experience. It features 5 key functions, including speed tracking, distance measurement, and a timer. This manual will guide you through the installation, operation, and maintenance of your new bicycle computer.



Image 1.1: The Prophete Sigma Sport BC 400 Bicycle Computer in its retail packaging. The packaging highlights 5 functions, icons, total kilometers, tool-free installation, and quick mounting.

2. PACKAGE CONTENTS

Please check that all items are present in the package:

- Prophete Sigma Sport BC 400 Bicycle Computer Unit
- Handlebar Mount
- Speed Sensor
- Spoke Magnet
- Cable Ties for mounting
- CR2032 Battery (pre-installed or separate)
- Instruction Manual (this document)

3. SETUP AND INSTALLATION

3.1. Mounting the Speed Sensor and Magnet

1. Attach the speed sensor to the front fork of your bicycle using the provided cable ties. Ensure it is

securely fastened and positioned to align with the spoke magnet.

2. Mount the magnet onto a spoke of the front wheel. Position the magnet so that it passes the sensor with a gap of approximately 1-3 mm.
3. Rotate the wheel to verify that the magnet passes the sensor cleanly and without contact.



Image 3.1: A close-up view of the Prophete Sigma Sport BC 400 bicycle computer unit. This image shows the display and the main button, indicating its compact design.

3.2. Mounting the Bicycle Computer

1. Attach the handlebar mount 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 400 computer unit onto the handlebar mount until it clicks securely into place. The mounting is designed to be tool-free.

3.3. Initial Settings

After installation, you will need to configure the computer for accurate readings.

1. **Wheel Size:** This is crucial for accurate speed and distance measurements. Refer to your bicycle tire's sidewall for the wheel diameter (e.g., 700c, 26 inches) and consult the table below for the corresponding circumference value in millimeters.

Common Wheel Circumference Values

Wheel Size	Circumference (mm)
16 inch	1272
20 inch	1590
26 inch	2070
27 inch	2155
27.5 inch	2180
28 inch (700c)	2240
29 inch	2300

To enter the wheel size, press and hold the main button until the setting mode is activated. Use the button to adjust the value and confirm.

2. **Units:** Select between kilometers (km) and miles (mi) for distance and speed measurements. This setting is usually found within the initial setup menu.
3. **Time:** Set the current time (e.g., 24-hour format).

4. OPERATING THE BICYCLE COMPUTER

The BC 400 features a simple interface, typically controlled by a single button for cycling through functions and settings.

4.1. Display Functions

The computer displays 5 key functions:

- **Current Speed:** Displays your real-time cycling speed.
- **Average Speed:** Shows the average speed for your current trip.
- **Maximum Speed:** Records the highest speed achieved during your current trip.
- **Trip Distance:** Measures the distance covered during your current ride.
- **Total Distance (Odometer):** Accumulates the total distance covered since the computer was first set up. This value is generally not shown during a ride.
- **Ride Time (Timer):** A separate timer that can be manually started and stopped for tracking ride duration.

4.2. Button Functions

The main button on the computer unit serves multiple purposes:

- **Short Press:** Cycles through the various display functions (e.g., Current Speed, Average Speed, Trip Distance).
- **Long Press:** Activates the setting mode or resets trip-specific data (e.g., trip distance, average speed, maximum speed, ride time). Refer to the specific icon on the display for confirmation before resetting.

4.3. Resetting Trip Data

To reset trip-specific data (trip distance, average speed, maximum speed, ride time), typically a long press of the main button while on a trip-related display will initiate the reset. The total distance (odometer) cannot be reset by the user.

5. MAINTENANCE

5.1. Battery Replacement

The BC 400 uses a CR2032 coin cell battery. When the display becomes dim or functions become erratic, it's time to replace the battery.

1. Carefully remove the computer unit from its handlebar mount.
2. Locate the battery compartment cover on the back of the unit.
3. Use a small coin or screwdriver to gently twist and open the battery cover.
4. Remove the old CR2032 battery and insert a new one, ensuring the positive (+) side faces upwards.
5. Replace the battery cover and twist to secure it.
6. After battery replacement, you may need to re-enter some initial settings like wheel size and time.

5.2. Cleaning

Clean the computer unit and sensor regularly with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the display or casing. The unit is designed to be waterproof, but avoid submerging it.

6. TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
No display or dim display	Dead or low battery	Replace the CR2032 battery.
No speed reading / Incorrect speed	Sensor/magnet misalignment, loose sensor, incorrect wheel size setting	Check sensor and magnet alignment (1-3mm gap). Ensure sensor is securely mounted. Verify correct wheel circumference setting.
Computer not responding to button presses	Battery issue, internal error	Replace battery. If problem persists, contact customer support.
Water ingress	Improperly sealed battery cover, extreme conditions	Ensure battery cover is tightly sealed. While waterproof, avoid prolonged submersion.

7. SPECIFICATIONS

Brand: Prophete

Model Number: 103 (BC 400)

Functions: 5 (Current Speed, Average Speed, Max Speed, Trip Distance, Total Distance, Ride Time)

Color: Black

Sensor Type: Speed Sensor

Mounting Type: Handlebar Mount (Tool-free)

Interface: Buttons

Battery: CR2032 (included)

Dimensions (L x W x H): 6 x 4 x 2 cm

Weight: 200 grams

Water Resistance: Yes (general splash/rain resistance)

8. WARRANTY AND SUPPORT

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

