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CooSpo BC107

COOSPO BC107 GPS Cycling Computer User Manual

Model: BC107

1. Introduction

This manual provides comprehensive instructions for the COOSPO BC107 GPS Cycling Computer. It covers essential information regarding setup, operation, maintenance, and troubleshooting to ensure optimal performance and a safe, enjoyable cycling experience. Please read this manual thoroughly before using your device.

2. Package Contents

Verify that all the following items are included in your package:

- COOSPO BC107 Cycling Computer x 1
- Bike Mount x 1
- Charging Cable x 1
- Instruction Manual x 1

3. Device Overview

The COOSPO BC107 features a clear 2.3-inch LCD display and three physical buttons for intuitive navigation and control.


COOSPO
20℃ 09:00
KMH
23.6
LAP
01
HRM
168
CAD
82
TIME
00:28
DST
9.3
KM
336
W
PWR

Front view of the COOSPO BC107 GPS Cycling Computer, showing the display and control buttons.

Buttons:

- **Left Button:** Used for Power On/Off, navigating back, and marking laps.
- **Middle Button:** Used to Start/Stop recording, and confirming selections.
- **Right Button:** Used for navigating through pages, and accessing settings.



The BC107 display showing a comprehensive set of cycling data including speed, heart rate, cadence, and power.

4. Setup

4.1 Mounting the Device

Attach the provided bike mount securely to your bicycle's handlebar. Place the BC107 cycling computer onto the mount and twist it clockwise until it locks firmly into place.

4.2 Initial Power On and GPS Acquisition

Press and hold the **Left Button** to power on the device. The BC107 will automatically begin searching for GPS signals. For optimal and faster GPS acquisition, ensure you are in an open outdoor area, clear of tall buildings or dense tree cover.



The BC107 displaying GPS signal acquisition and other key features.

4.3 Basic Settings

To access the device settings, press the **Right Button**. Navigate through the menu options using the **Right Button** and confirm your selections with the **Middle Button**. Key settings to adjust include:

- **Units:** Select between Metric (km/h) or Imperial (mph) measurements.
- **Time Zone:** Set your local time zone for accurate time display.
- **Auto Backlight:** Enable or disable the automatic backlight adjustment feature.

オートバックライト

さらに、オートバックライトの調整機能を通加し、日中でも夜でも、より見やすくなります。



Illustration of the auto backlight feature, adapting the display visibility for day and night conditions.

5. Operating the Device

5.1 Starting and Stopping a Ride

Once GPS is acquired and you are ready to begin, press the**Middle Button** to start recording your ride data. To pause or stop the recording, press the **Middle Button** again. Follow the on-screen prompts to save your ride data.

5.2 Viewing Data Screens

During a ride, you can cycle through various data screens by pressing the**Right Button**. These screens display real-time metrics such as current speed, distance covered, elapsed time, heart rate, cadence, and power output (if connected to external sensors).

5.3 Lap Function

To mark a lap during your ride, press the**Left Button**. The device will record lap-specific data, allowing you to analyze performance over specific segments.

6. Connectivity

6.1 ANT+ Sensor Pairing

The COOSPO BC107 is compatible with ANT+ sensors to provide more detailed cycling data. To pair an external sensor (such as a heart rate monitor, cadence/speed sensor, or power meter):

1. Ensure the ANT+ sensor is active, powered on, and within close proximity to the BC107.
2. Navigate to the device's settings menu and select the "Sensor Pairing" option.
3. Choose the specific type of sensor you intend to pair. The BC107 will scan for available ANT+ devices.
4. Select your sensor from the displayed list to complete the pairing process.



The BC107 cycling computer shown with a compatible cadence sensor installed on a bicycle crank arm.

Note: External ANT+ sensors are sold separately.



CooSpo HW9 Heart Rate Monitor (example)



CooSpo BK9C Cadence Sensor (example)



CooSpo S10 Spider Power Meter (example)

7. CooSpoRide App and Data Sync

The COOSPO BC107 can connect to the CooSpoRide mobile application via Bluetooth, allowing for convenient device configuration and comprehensive data management. You can also upload your recorded ride data (in .fit file format) to popular platforms like Strava.

1. Download the CooSpoRide app from your smartphone's respective app store (iOS App Store or Google Play Store).
2. Ensure Bluetooth is enabled on both your smartphone and the BC107 cycling computer.
3. Open the CooSpoRide app and follow the on-screen instructions to pair your device.
4. Once paired, you can customize BC107 settings through the app and view detailed ride statistics and historical data.
5. To sync your ride data to Strava, utilize the integration feature within the CooSpoRide app.*Note: Direct transfer of .fit files to Strava via PC USB connection is not supported.*



The BC107 syncing ride data to the CooSpoRide mobile application, which then integrates with Strava for further analysis.

8. Maintenance

8.1 Charging

The BC107 is equipped with a built-in 1000mAh lithium-ion battery, providing up to 28 hours of continuous operation. When the battery indicator shows low charge, connect the device to a power source using the provided USB charging cable.

8.2 Water Resistance

The device boasts an IP67 waterproof rating, indicating protection against dust ingress and the ability to withstand immersion in water up to 1 meter for a maximum of 30 minutes. This makes it suitable for use in rainy conditions, but prolonged submersion should be avoided.



The BC107 cycling computer shown with water splashing, highlighting its IP67 waterproof capability.

8.3 Cleaning

To clean the device, gently wipe it with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the device's finish or internal components.

9. Troubleshooting

If you encounter any issues with your COOSPO BC107, please refer to the following common problems and solutions:

- **No GPS Signal:** Ensure you are in an open outdoor area with a clear view of the sky. Restart the device to re-initiate GPS search.
- **External Sensor Not Pairing:** Verify that the sensor is active, has sufficient battery, and is an ANT+ compatible device. Try restarting both the BC107 and the sensor.
- **Data Not Syncing to App/Strava:** Confirm that Bluetooth is enabled on your smartphone and the BC107 is connected to the CooSpoRide app. Ensure the app is open and has necessary permissions. Check your internet connection for successful data upload to Strava.
- **Display Issues:** If the display is unclear or difficult to read, check the auto-backlight settings in the device menu. Ensure the screen is clean and free from obstructions.

10. Specifications

Feature	Detail
Model	BC107
Display Size	2.3 inches
Display Type	LCD
Connectivity	Bluetooth 5.0, ANT+
GPS	Built-in GPS (supports global positioning systems)
Waterproof Rating	IP67

Battery	1000mAh Lithium-Ion
Battery Life	Up to 28 hours
Dimensions (L x W x H)	5.4 cm x 2.1 cm x 8 cm
Mounting Type	Handlebar mount
Origin	China

11. Warranty and Support

COOSPO offers a 12-month quality assurance service for the BC107 GPS Cycling Computer from the date of purchase. In the event of initial defects, the product is eligible for a free exchange or a full refund, subject to verification.
Should you encounter any questions, concerns, or require assistance during the use of your device, please do not hesitate to contact COOSPO customer support. We are committed to providing a response within 24 hours.
For further information, product updates, or additional support resources, please visit the official CooSpo website or reach out to their dedicated customer service team.

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Details

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