CooSpo BC107

COOSPO BC107 Bike Computer User Manual

Model: BC107

Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your COOSPO BC107 Wireless GPS Bike Computer. Please read this manual thoroughly before using the device to ensure proper functionality and a safe cycling experience.

1. What's in the Box

Upon opening the package, verify that all components listed below are present and in good condition.

Your browser does not support the video tag.

Video: Unboxing the COOSPO BC107 Bike Computer, showing all included accessories.

- COOSPO BC107 GPS Bike Computer
- Standard Mount with Rubber Pad
- Charging Cable (Micro USB)
- Mounting Rings
- User Manual



Image: A visual representation of the COOSPO BC107 bike computer and its included accessories: the computer unit, a standard handlebar mount with rubber pad, a Micro USB charging cable, and mounting rings.

2. Product Overview

The COOSPO BC107 features a compact and lightweight design with a 2.3-inch LCD display for clear readability. It is equipped with intuitive buttons for easy navigation and control.



Image: Multiple views of the COOSPO BC107 bike computer, showcasing its front display, slim side profile, and the rear mounting mechanism and charging port.

2.1. Device Layout

- **Display:** 2.3-inch LCD screen for data visualization.
- **Buttons:** Three physical buttons located at the bottom for navigation and function selection.
- **Mounting Interface:** Standard quarter-turn mount on the back for secure attachment to bike handlebars or stems.
- **Charging Port:** Micro USB port for charging the device.



Image: A detailed view of the COOSPO BC107, focusing on the three control buttons at the bottom of the display and its slim, ergonomic side profile.

3. Initial Setup

3.1. Charging the Device

Before first use, fully charge the BC107. Connect the provided Micro USB cable to the charging port on the back of the device and plug the other end into a USB power source. A full charge provides approximately 28 hours of continuous use.



Image: The COOSPO BC107 bike computer being charged via its Micro USB port, demonstrating the connection point for power.

3.2. Mounting the Device

Attach the standard mount to your bicycle's handlebar or stem using the rubber pad and rings. Secure the BC107 to the mount by aligning the device with the mount and twisting it clockwise until it locks into place.

3.3. Power On/Off

- To power on: Press and hold the left button (power icon) for 3 seconds.
- To power off: Press and hold the left button (power icon) for 3 seconds.

3.4. GPS Acquisition and Time Calibration

After powering on, the BC107 will automatically search for GPS and Beidou signals. Ensure you are in an open outdoor area for optimal signal acquisition. Once connected, the device will automatically calibrate the time.



Image: The COOSPO BC107 display, illustrating its auto backlight function and automatic time calibration based on GPS information, set against a backdrop of a cycling group.

4. Operating the Device

4.1. Display and Data Fields

The 2.3-inch LCD display provides clear visibility of your cycling data. The auto backlight feature ensures readability in various lighting conditions, including night riding.



Image: The COOSPO BC107 bike computer mounted on a bicycle handlebar, demonstrating its 2.3-inch large screen display during a ride, visible in outdoor conditions.

4.2. Button Functions

- **Left Button (Power/Back):** Press and hold to power on/off. Short press to go back in menus or confirm selection.
- **Middle Button (Play/Pause/Lap):** Short press to start/pause recording. Long press to mark a lap.
- **Right Button (Next/Settings):** Short press to cycle through data screens. Long press to enter settings menu.

4.3. Setting Time Zone and Units

You can customize the time zone and measurement units (Metric/Imperial) directly on the device.

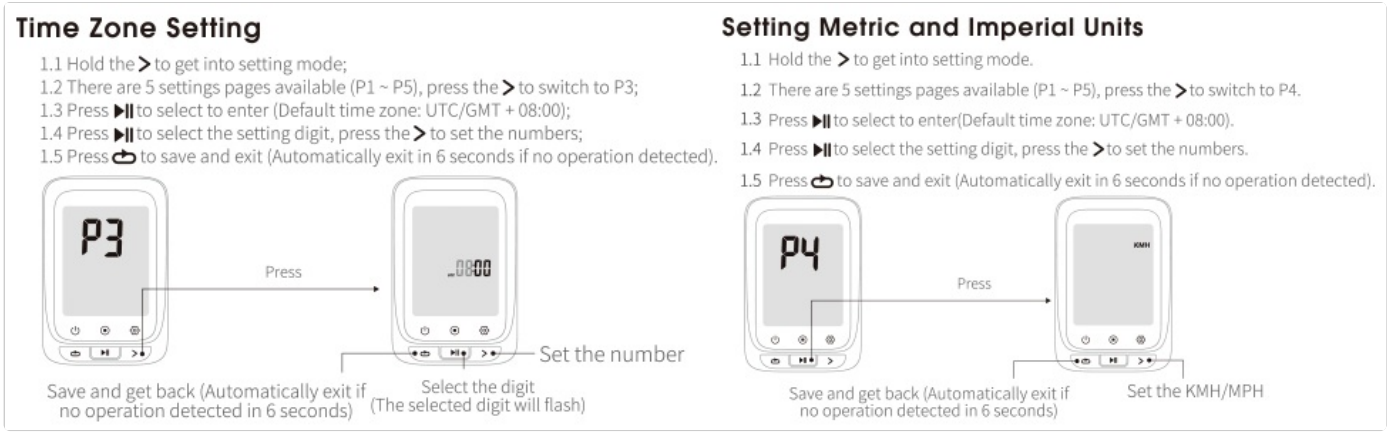


Image: Step-by-step diagrams showing the process of adjusting the time zone and switching between metric and imperial units on the BC107's display.

1. Hold the **Right Button** to enter setting mode.
2. Press the **Right Button** to switch between setting pages (P1 ~ P5).
3. For Time Zone (P3): Press the **Middle Button** to enter. Use **Right Button** to select digit, **Middle Button** to set numbers.
4. For Units (P4): Press the **Middle Button** to enter. Use **Middle Button** to switch between KMH/MPH.
5. Press the **Left Button** to save and exit. The device will automatically exit settings if no operation is detected for 6 seconds.

5. Advanced Features

5.1. ANT+ Sensor Compatibility

The BC107 supports ANT+ connectivity, allowing you to pair with various external sensors for more comprehensive data tracking. Compatible sensors include:

- Heart Rate Monitors
- Speed Sensors
- Cadence Sensors
- Power Meters

Note: The BC107 currently only supports ANT+ for sensor connections. Bluetooth is used for pairing with the CoospoRide app only.



Image: An illustration demonstrating the COOSPO BC107's ability to connect wirelessly to external ANT+ sensors, including heart rate armbands, heart rate monitors, power meters, and speed/cadence sensors.

5.2. CoospoRide App Support & Strava Sync

Enhance your experience by connecting your BC107 to the CoospoRide App on your smartphone. The app allows for easy device settings, GPS track route loading, activity record analysis, and firmware updates.

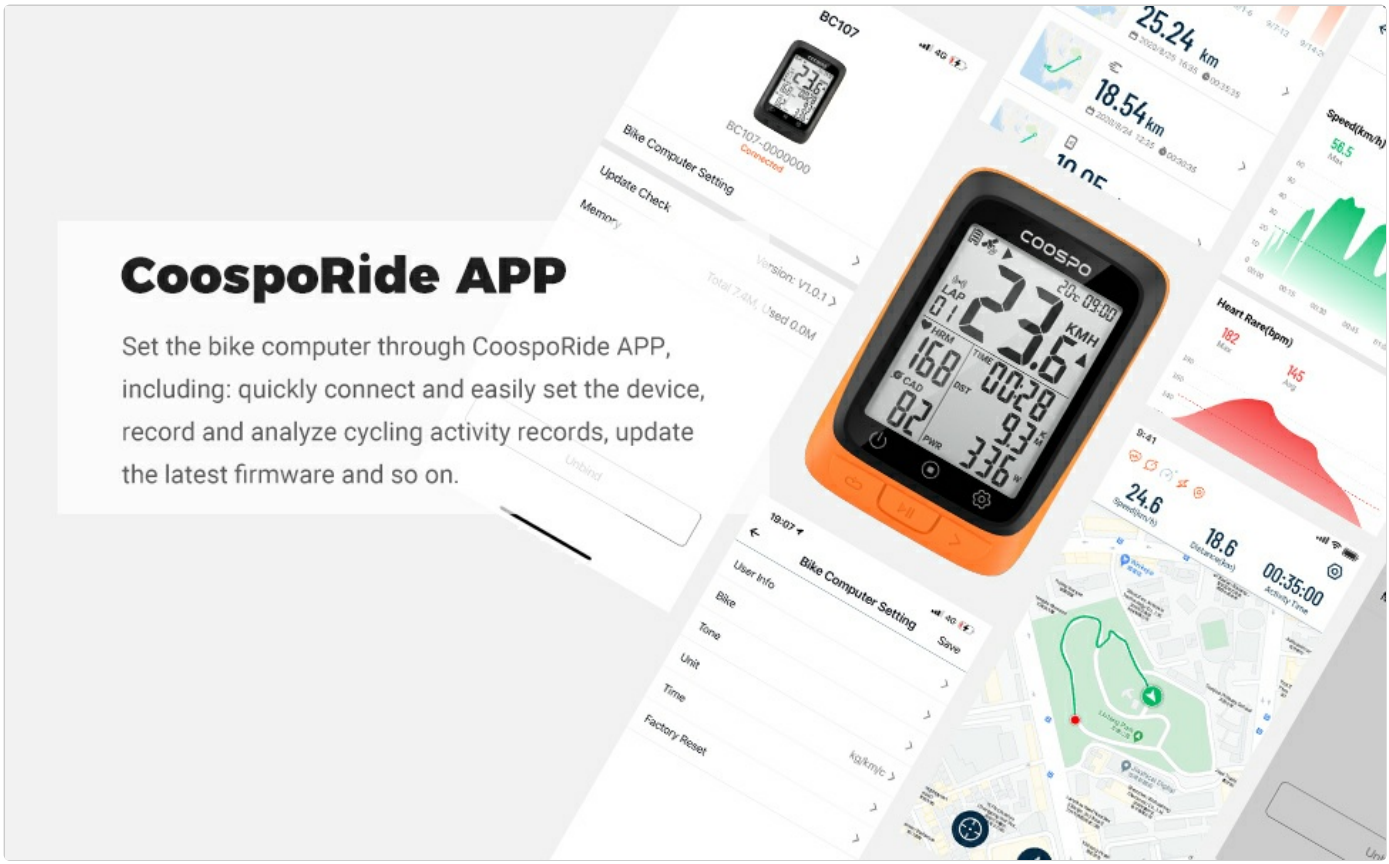


Image: A visual of the CoospoRide mobile application interface, displaying options for device settings, user information, unit preferences, and detailed cycling activity records with map integration.

You can also seamlessly sync your activity (.fit file) to Strava directly through the CoospoRide App. This allows you to share and analyze your rides with the Strava community.
Note: You cannot upload the .fit file directly to Strava via USB transmission from your PC. All syncing must be done through the CoospoRide App.



Image: An illustration depicting the synchronization process: data from the COOSPO BC107 is transferred to the CoospoRide App on a smartphone, which then syncs the activity data to Strava, accessible on a computer.

6. Maintenance

6.1. Waterproof Rating

The COOSPO BC107 has an IP67 international protection rating, meaning it is protected from dust and can withstand immersion in water up to 1 meter for 30 minutes. This makes it suitable for use in various weather conditions, including rain.



Image: The COOSPO BC107 bike computer being splashed with water, visually confirming its IP67 waterproof rating and suitability for use in wet conditions.

6.2. Cleaning and Storage

- Clean the device with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- Ensure the charging port cover is securely closed to maintain water resistance.
- Store the device in a cool, dry place when not in use.

7. Troubleshooting

- **Device not powering on:** Ensure the device is fully charged. If the issue persists, try resetting the device by holding all three buttons for 10 seconds.
- **No GPS signal:** Move to an open outdoor area away from tall buildings or dense foliage. Allow a few minutes for the device to acquire satellites.
- **Sensor not connecting:** Ensure the sensor's battery is not depleted. Check that the sensor is an ANT+ compatible

device. Try re-pairing the sensor through the device settings or CoospoRide App.

- **Data not syncing to app/Strava:** Ensure Bluetooth is enabled on your smartphone and the BC107 is connected to the CoospoRide App. Check your internet connection.
- **Inaccurate speed/distance:** Ensure GPS signal is strong. If using a speed sensor, verify its correct installation and calibration.

8. Specifications

Feature	Specification
Brand	CooSpo
Model Name	Bike computer (BC107)
Color	orange
Screen Size	2.3 Inches
Display Type	LCD
Battery Life	28 Hours
Sensor Type	GPS Sensor
Battery Cell Composition	Lithium Ion
Connectivity Technology	ANT, Bluetooth
International Protection Rating	IP67
Display Resolution	240x320
Mounting Type	Handlebar Mount
Human Interface Input	Buttons
Material	Plastic
Item Package Dimensions L x W x H	5.67 x 3.58 x 2.09 inches
Package Weight	0.17 Kilograms

9. Warranty and Support

The COOSPO BC107 Bike Computer comes with a**1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.
For detailed warranty information, technical support, or further assistance, please refer to the official user manual or visit the CooSpo website. You can also download the full User Manual (PDF) here.

© 2024 CooSpo. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question