COOSPO CS500

COOSPO CS500 Cycling Computer User Manual

Brand: COOSPO | Model: CS500

1. INTRODUCTION

The COOSPO CS500 is a high-performance GPS cycling computer designed to enhance your riding experience. It offers precise satellite positioning, comprehensive ride data, route navigation, and extensive sensor compatibility. This manual provides detailed instructions for setting up, operating, and maintaining your CS500 device.

Key features include:

- **High-Precision GNSS:** Utilizes GPS, Beidou, Glonass, Galileo, and QZSS for centimeter-level positioning accuracy, even in challenging environments like mountains or urban areas with tall buildings.
- **Route Navigation:** Turn-by-turn navigation with arrow icons to guide cyclists to their destination.
- **Rich Ride Data:** Features a new graphical user interface, displaying up to 7 data items per page across a maximum of 9 pages, allowing for over 140 customizable data fields.
- **2.6-inch Large LCD Display:** Ensures readability in various lighting conditions (daylight, cloudy, rainy, night) with an automatic backlight adjustment feature.
- **ANT+/BLE Sensor Support:** Connects with Bluetooth 5.0/ANT+ heart rate monitors, cadence/speed sensors, and power meters. Also supports ANT+ rear radars, smart trainers, and electronic shifting systems (external sensors sold separately).
- **Durable Design:** Equipped with six physical buttons for intuitive operation, a 45-hour battery life, and IPX7 waterproof rating for long rides in diverse weather.

2. PACKAGE CONTENTS

Before you begin, please ensure all items are present in the package:

- COOSPO CS500 Cycling Computer
- Screen Protector Film
- Rubber Mat

- Icon Mount
- Type-C USB Cable
- Lanyard
- Rubber Bands (for mount)
- User Manual

Image: All components included in the COOSPO CS500 package.

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Video: Unboxing and overview of the COOSPO CS500 package contents (0:00 - 0:12).

3. SETUP

3.1 Initial Power-On and Language Selection

Before first use, fully charge the device. Once charged, power it on and select your preferred language from the

options.

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Video: Demonstrates charging the CS500 and selecting the language (0:13 - 0:29).

3.2 Button Functions

The CS500 features five main buttons for navigation and control:

- **Button 1 (Left Top):** Short press - On; Long press - Off; Return - Short press.
- **Button 2 (Left Middle):** Menu/Confirm.
- **Button 3 (Right Top):** Select (Up).
- **Button 4 (Right Bottom):** Record Home Page shortcut; Lap.
- **Button 5 (Left Bottom):** Ride Home Page shortcut.

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Video: Explanation of the CS500's button functions (0:30 - 0:40).

3.3 Status Page Overview

The status page provides quick access to important information and settings:

- **Status Bar:** Displays GPS signal, battery level, temperature, and altitude.
- **Sensor Type:** Icons indicate connected sensors. A solid icon means connected, a blinking icon means searching, and no icon means no sensor added.
- **Riding Mode:** Switch between Indoor and Outdoor modes.
- **Backlight:** Adjust backlight settings (Auto, Dim, Medium, Bright).

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Video: Details of the status page, including sensor types, riding modes, and backlight settings (0:41 - 1:14).

3.4 System Settings

Access the system settings to customize your device:

- **Ride Mode:** If you have multiple bikes, you need to set up a riding mode for each.
- **Sensor Pairing:** Add and manage your ANT+ or Bluetooth sensors. For example, to add a speed sensor, select "Speed" from the "Add Sensor" menu, then activate your sensor to allow the CS500 to detect it. Once detected, select it to connect. You can also set the wheel size for accurate speed readings.
- **Display Customization:** Configure the data fields displayed on each page. You can set up to 7 items per page across 9 pages.

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Video: Demonstrates navigating system settings, including adding a speed sensor and customizing data fields (1:15 - 3:34).

3.5 Attaching the Mount

Securely attach the icon mount to your bicycle's handlebar or stem using the provided rubber bands. Ensure the mount is firmly in place before attaching the CS500.

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Video: Instructions for attaching the CS500 mount to your bicycle (4:44 - 5:15).

3.6 Lanyard Installation

For added security, attach the lanyard to your CS500 and secure it to your bike. This prevents accidental drops during your ride.

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Video: Guide on how to install the lanyard for your CS500 (4:23 - 4:43).

4. OPERATION

4.1 Starting a Ride

To begin recording your ride:

1. Ensure GPS and any desired sensors are connected (check the status page).
2. Calibrate altitude if necessary (Go to Settings > System > Calibrate > Height Calib).
3. From the main menu, select "Cycling".
4. Double-press the menu button to start the ride.
5. To save the ride log, double-press the menu button again and select "Save".

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Video: How to start a cycling ride, check sensor connections, calibrate altitude, and save the ride log (6:58 - 8:10).

4.2 Navigation

The CS500 supports route navigation. You can import GPX files from your smartphone or create routes from your recorded GPS logs.

Importing GPX Files from Smartphone:

1. Open the CoospoRide app on your smartphone.
2. Go to "Course Management" and select "Import Course".
3. Choose a GPX file from your phone's storage.
4. Name the course and save it.
5. Sync the course to your CS500 device.

Importing GPX Files from Third-Party Apps:

1. In a third-party app (e.g., Komoot), select a route.
2. Export the route as a GPX file.
3. Share the GPX file with the CoospoRide app.
4. Follow the steps above to sync the course to your CS500.

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Video: Demonstrates importing GPX files from a smartphone and third-party apps for navigation (5:16 - 6:57).

Using Navigation on the Device:

1. From the main menu, select "Navigation".
2. Choose "Course" to select a pre-loaded route or "History" to create a route from a past ride.
3. Perform a compass calibration if prompted (rotate the device in a figure-eight pattern).
4. Select "Navigation" to start the route guidance.

5. Press the return button to change the display ratio during navigation.
6. To save the navigation log, double-press the menu button and select "Save".

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Video: How to use the navigation feature on the CS500, including compass calibration and saving logs (8:11 - 9:15).

5. DATA MANAGEMENT

5.1 Data Synchronization with CoospoRide App

Synchronize your ride data with the CoospoRide app to view detailed statistics, track your progress, and share with platforms like Strava or TrainingPeaks.

1. Ensure your CS500 is connected to the CoospoRide app via Bluetooth.
2. In the app, navigate to "My Device" and select your CS500.
3. Tap "Data Sync" to upload your recorded activities.
4. Once synced, you can view detailed charts and data for each ride.

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Video: How to synchronize ride data from the CS500 to the CoospoRide app (9:16 - 9:43).

6. MAINTENANCE

6.1 Battery Life

The COOSPO CS500 features a large-capacity battery providing up to 45 hours of continuous operation. To maximize battery life, ensure the device is fully charged before long rides and consider adjusting backlight settings.

Image: The COOSPO CS500 boasts an impressive 45-hour battery life.

6.2 Water Resistance

The device is rated IPX7 waterproof, meaning it can withstand immersion in water up to 1 meter for 30 minutes. This makes it suitable for use in rainy conditions, but it should not be submerged for extended periods or used for swimming.

7. TROUBLESHOOTING

If you encounter any issues with your COOSPO CS500, please try the following common troubleshooting steps:

- **Device not powering on:** Ensure the device is fully charged. Connect it to a power source using the Type-C USB cable.
- **GPS signal not acquired:** Ensure you are in an open outdoor area with a clear view of the sky. Wait a few minutes for the device to acquire a signal.
- **Sensor not connecting:** Make sure the sensor is active and within range. Check the sensor's battery. In

the CS500 settings, go to "Sensor" and try "Search All" or select the specific sensor type.

- **Inaccurate speed/distance:** Verify that the wheel size setting for your speed sensor is correct in the device settings.
- **Navigation issues:** Ensure the GPX file is correctly loaded and synced. Perform a compass calibration if the navigation direction seems incorrect.
- **App synchronization problems:** Check your smartphone's Bluetooth connection. Ensure the CoospoRide app is up to date.

If the problem persists, please refer to the "Warranty and Support" section for further assistance.

8. SPECIFICATIONS

Feature	Detail
Product Model	CS500
Color	Black
Material	Plastic
Screen Size	2.6 inches
Display Type	LCD
Sensor Compatibility	Heart Rate Sensor, Cadence Sensor, Power Meter (ANT+/Bluetooth 5.0)
Battery Life	Up to 45 hours
Waterproof Rating	IPX7
Dimensions	18.4 x 12.5 x 2.4 cm
Weight	180 g

9. WARRANTY AND SUPPORT

COOSPO provides a 12-month quality assurance service for the CS500 Cycling Computer. If you have any questions or encounter issues during use, please do not hesitate to contact our customer support. We aim to respond within 24 hours (excluding weekends and holidays).
For support, please visit the official COOSPO website or contact your retailer.