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CooSpo CS500

COOSPO CS500 Wireless GPS Bike Computer User Manual

Brand: CooSpo | Model: CS500

1. INTRODUCTION

The COOSPO CS500 is an advanced wireless GPS bike computer designed to provide cyclists with precise tracking, intuitive navigation, and comprehensive performance data. Equipped with multi-satellite GPS technology and a durable, waterproof design, the CS500 is your reliable companion for every ride.



Figure 1.1: The COOSPO CS500 GPS Bike Computer displaying its navigation interface.

Key Features:

- **Precise GPS Tracking:** Utilizes GPS+Beidou+GLONASS+GALILEO+QZSS for accurate route, distance, and speed monitoring.
- **Intuitive Navigation:** Features pre-loaded maps and turn-by-turn directions for efficient guidance.
- **2.6-inch LCD Display:** Automatic backlight ensures visibility in various lighting conditions. Customizable screens display up to 140+ essential metrics.
- **Comprehensive Data:** Provides detailed insights into your riding performance.
- **Bike Radar Support:** Compatible with Radar lights to detect approaching vehicles, enhancing safety.
- **Bluetooth & ANT+ Connectivity:** Supports connection with external BLE/ANT+ sensors (speed, cadence, heart rate, power meters).
- **Long Battery Life:** Up to 45 hours of continuous operation.
- **Data Analysis & Sync:** Seamlessly connects with the CooSporide app for easy settings adjustment and data sharing with Strava and Training Peaks.
- **Durable & Waterproof:** IPX7 rated, fully waterproof and dustproof.

2. WHAT'S IN THE BOX

Upon opening your COOSPO CS500 package, you should find the following items:

- 1 x COOSPO CS500 Cycling Computer

Please inspect all components for any damage. If any items are missing or damaged, contact customer support immediately.

3. SETUP

3.1 Charging the Device

Before first use, fully charge your CS500. Connect the device to a USB power source using the provided USB-C cable. The battery indicator on the screen will show charging progress.



400 heures
de stockage

IPX7
Imperméable

45H
Très longue durée de vie de la batterie



14.5 mm, 72 g
Garder la lumière

Figure 3.1: The CS500 features a USB-C charging port and boasts a 45-hour battery life, ensuring long rides without frequent recharging.

3.2 Mounting the CS500

The CS500 comes with a standard bike mount. Attach the mount securely to your bicycle's handlebars or stem. Align the CS500 with the mount and twist it clockwise until it locks into place.

3.3 Initial Power On and Settings

Press and hold the power button to turn on the device. Follow the on-screen prompts to set up basic information such as language, time zone, and units of measurement.

3.4 Connecting to the CooSporide App

For advanced settings, data synchronization, and route management, download the CooSporide app from your smartphone's app store (available on Google Play and App Store). Open the app, create an account, and follow the instructions to pair your CS500 via Bluetooth.

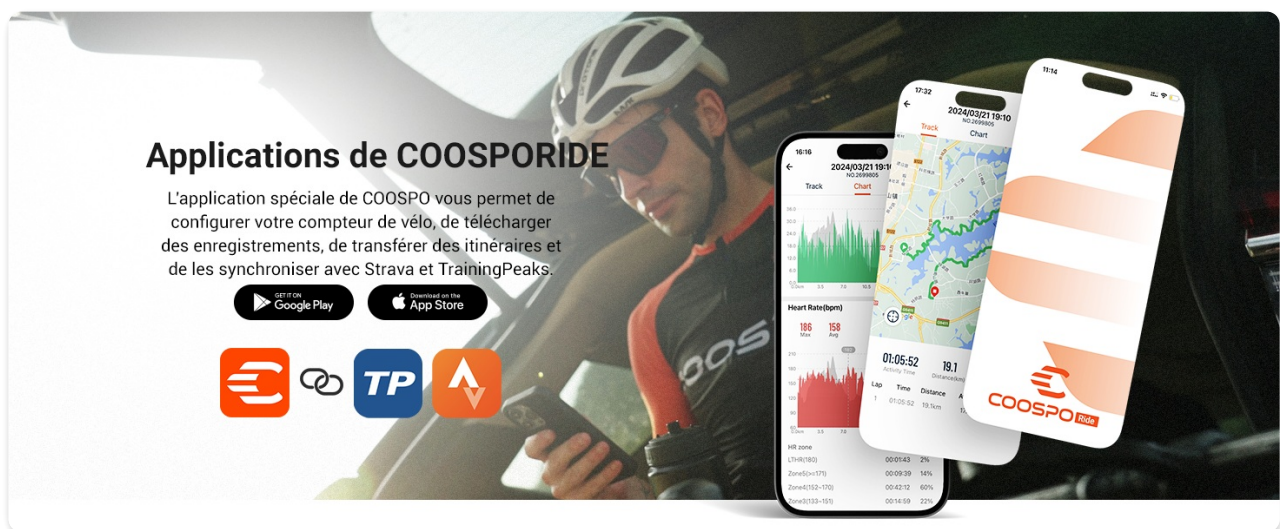


Figure 3.2: The CooSporide application allows for easy configuration, data download, and synchronization with platforms like Strava and TrainingPeaks.

3.5 Pairing External Sensors (BLE/ANT+)

The CS500 supports various external sensors for enhanced data collection. To pair a sensor:

1. Ensure the sensor is active and within range of the CS500.
2. On the CS500, navigate to the 'Sensors' menu.
3. Select 'Add Sensor' and choose the type of sensor you wish to pair (e.g., Speed, Cadence, Heart Rate, Power).
4. The CS500 will scan for available sensors. Select your sensor from the list to connect.



Figure 3.3: The CS500 supports Bluetooth 5.0 and ANT+ for seamless wireless connection with external sensors, providing comprehensive ride data.

4. OPERATING THE CS500

4.1 Starting a Ride

Once powered on and GPS signal acquired, press the 'Start' button to begin recording your ride. The device will automatically track your data.

4.2 Navigation Features

The CS500 offers robust navigation capabilities:

- **Route Guidance:** Upload GPX routes via the CooSporide app. The device will provide turn-by-turn directions with clear icons.
- **GPS Precision:** Equipped with GPS+Beidou+GLONASS+GALILEO+QZSS, ensuring fast and precise positioning even in challenging environments like urban areas or forests.

Guidage Routier

Les cyclocompteurs équipés d'un système de navigation "Turn-by-Turn" indiquent par une icône en forme de flèche la direction à prendre pour suivre l'itinéraire jusqu'à votre destination.



Figure 4.1: The CS500 provides clear turn-by-turn road guidance, indicating directions with intuitive arrow icons to help you reach your destination safely.



La précision est essentielle.

La compatibilité GNSS complète (GPS+BDS+GLONASS+GALILEO+QZSS) permet une localisation rapide et précise, même dans les forêts et les zones urbaines entourées de bâtiments.



On se voit au prochain carrefour.

Système de navigation « Turn-by-Turn » avec des icônes de flèches indiquant la direction à prendre pour trouver l'itinéraire vers votre destination.

Figure 4.2: Full GNSS compatibility (GPS+BDS+GLONASS+GALILEO+QZSS) ensures rapid and precise location, even in areas with buildings or dense foliage.

4.3 Display Customization

The 2.6-inch LCD screen is highly customizable. You can display up to seven data fields per page, with a maximum of nine pages available. Customize your display directly on the device or through the CooSporide app to prioritize the metrics most important to you.

Écran LCD de 2,6 Pouces

Jusqu'à sept données peuvent être affichées sur une page, et 140+ données peuvent être affichées sur un maximum de neuf pages. De plus, l'affichage à l'écran peut être personnalisé sur le cyclo-compteur lui-même ou via l'application.



Figure 4.3: The 2.6-inch LCD screen allows up to seven data fields per page, with over 140 data types available across nine pages. Customization is possible directly on the device or via the app.



Figure 4.4: The new graphical user interface is designed to be more intuitive and user-friendly than ever before, offering a clear overview of your ride data.

4.4 Training and Data Synchronization

The CS500 integrates with the CooSporide app to help you train effectively. You can create your own training plans or synchronize plans from TrainingPeaks. After your ride, easily sync your data to Strava and Training Peaks to analyze your performance and share with others.

S'entraîner avec un plan

Créer un plan d'entraînement ou synchroniser le plan de TrainingPeaks



Figure 4.5: Create your own training plan on CooSporide or retrieve plans from TrainingPeaks to optimize your cycling performance.

4.5 Smart Functions

The CS500 includes intelligent functions to enhance your riding experience and allow you to focus on the road:

- **Auto Backlight:** Adjusts screen brightness automatically based on ambient light.
- **Auto Pause:** Pauses recording when you stop and resumes when you start moving.
- **Auto Start:** Automatically begins recording when motion is detected.
- **Auto Alert:** Provides notifications for various metrics or events.
- **Auto Lap:** Automatically records laps based on predefined distance or location.



Fonction Intelligente

Outre la fonction automatique, la fonction de réveil vous permet de vous concentrer davantage sur la conduite.

Figure 4.6: Smart functions like auto-wake allow you to focus more on your ride, providing convenience and efficiency.

5. MAINTENANCE

To ensure the longevity and optimal performance of your COOSPO CS500, follow these maintenance guidelines:

- **Cleaning:** Wipe the device with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the screen or casing.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For long-term storage, charge the battery to approximately 50% to prevent deep discharge. Recharge every few months if not in use.
- **Water Resistance:** While IPX7 waterproof, avoid prolonged submersion or high-pressure water jets. Ensure the USB-C port cover is securely closed.

6. TROUBLESHOOTING

If you encounter issues with your COOSPO CS500, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device won't turn on	Low battery; Device frozen	Charge the device for at least 30 minutes. Perform a soft reset by holding the power button for 10-15 seconds.
No GPS signal	Obstructed view of sky; Initial acquisition time	Move to an open area with a clear view of the sky. Allow a few minutes for initial GPS lock.
Sensor not connecting	Sensor inactive; Out of range; Already paired to another device	Ensure sensor is active (e.g., spinning wheel for speed sensor). Bring sensor closer to the CS500. Disconnect sensor from other devices. Re-pair the sensor through the CS500 settings.

Problem	Possible Cause	Solution
Data not syncing to app	Bluetooth off; App not open; Device not paired	Ensure Bluetooth is enabled on your phone and CS500. Open the CooSporide app. Confirm the CS500 is paired in the app.
Inaccurate speed/distance	Poor GPS signal; Incorrect wheel circumference (if using speed sensor)	Ensure clear GPS signal. Check and correct wheel circumference settings in the device or app.

7. SPECIFICATIONS

Feature	Detail
Model Number	CS500
Display Size	2.6 Inches
Display Type	LCD
Connectivity	Bluetooth 5.0, ANT+
GPS System	GPS+Beidou+GLONASS+GALILEO+QZSS
Battery Life	Up to 45 hours
Battery Type	Lithium-ion
Waterproof Rating	IPX7
Material	Plastic
Color	Black
Included Components	1 Cycling Computer

8. WARRANTY AND SUPPORT

COOSPO is committed to providing high-quality products and excellent customer service. For any technical assistance or warranty inquiries, please contact the COOSPO support team. They aim to respond to all inquiries within 24 hours.

For the most up-to-date warranty information and support resources, please visit the official CooSpo website or refer to the contact information provided with your purchase.

