CooSpo CS300

COOSPO CS300 GPS Bike Computer User Manual

Your comprehensive guide to setting up, operating, and maintaining your CS300.

1. Introduction

The COOSPO CS300 GPS Bike Computer is a wireless cycling computer designed to enhance your riding experience with accurate data tracking and smart connectivity. Featuring global GPS positioning (GPS+BDS+QZSS), it provides fast and precise location data. Its 2.6-inch auto-backlight LCD screen ensures clear visibility in various conditions.

This device supports over 40 riding data types, including speed, distance, grade, cadence, and calories, keeping you informed about your performance in real-time. It seamlessly connects with the CooSporide App for data analysis and sharing to platforms like Strava and TrainingPeaks. The CS300 also offers ANT+ and Bluetooth 5.0 sensor compatibility for heart rate monitors, speed and cadence sensors, and power meters. With customizable display pages and a 40-hour battery life, the CS300 is built for long-distance cycling and personalized tracking.



Figure 1: COOSPO CS300 GPS Bike Computer displaying various cycling metrics.

Product Overview Video

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Video 1: An overview of the COOSPO CS300 GPS Bike Computer, highlighting its features and use in various cycling scenarios.

2. Setup

This section guides you through the initial setup of your COOSPO CS300, from unboxing to configuring essential settings.

2.1 What's in the Box

Upon opening your CS300 package, verify that all components are present:

- COOSPO CS300 Bike Computer
- User Manual
- Type-C Charging Cable
- Basic Mount
- Rubber Mat
- Anti-lost Rope



Figure 2: The COOSPO CS300 and its included accessories as found in the box.

Refer to the "How to use CS300 GPS Bike Computer?" video from 00:00 to 00:11 for a visual guide on unboxing.

2.2 Activate CS300

For first-time use, it is recommended to fully charge the device. Connect the provided Type-C cable to the charging port on the device and a suitable USB power source. The device will display a charging indicator.

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Video 2: Detailed instructions on activating and setting up the CS300, including charging and initial power-on (relevant segment: 00:11-

00:26).

2.3 Button Functions

The CS300 features three main buttons for navigation and control:

- **Left Button (Power/Lap):**
  - Short Press: Power On / Lap (during riding) / Save and return (in settings)
  - Long Press: Power Off
- **Middle Button (Start/Stop/Confirm):**
  - Short Press: Start/Stop (riding) / Confirm (in settings)
  - Long Press: Save (activity)
- **Right Button (Page Switch/Settings):**
  - Short Press: Page Switch
  - Long Press: Enter Settings

Refer to Video 2 for a visual demonstration of button functions (relevant segment: 00:26-01:02).

2.4 Initial Settings on CS300

After powering on, you can configure basic settings directly on the device:

1. **P1: Add ANT+ Sensor:** Ensure your ANT+ sensors (Heart Rate, Cadence, Speed, Power) are awake. The device will automatically search and connect. Short press the Left button to save and return.
2. **P2: Time Zone:** Adjust the time zone to your local time.
3. **P3: Wheel Size:** Set your wheel circumference for accurate speed and distance readings. A common wheel size and circumference table is provided below for reference.
4. **P4: Unit Settings:** Choose your preferred units (e.g., km/h or mph for distance/speed, meters or feet for altitude, Celsius or Fahrenheit for temperature, kg or lb for weight).
5. **P5: Power Calibration:** Perform power meter calibration if you are using one.

Refer to Video 2 for a visual guide on setting up the CS300 (relevant segment: 01:02-02:32).

Common Wheel Size and Circumference (Wheel Size L (mm))

Wheel Size	Circumference (mm)	Wheel Size	Circumference (mm)	Wheel Size	Circumference (mm)
12 × 1.75	935	24 × 2.00	1925	26 × 1.40	2005
14 × 1.5	1020	24 × 2.125	1965	26 × 1.50	2010
14 × 1.75	1055	26 × 1.75	2023	26 × 1.95	2050
16 × 1.5	1185	26 × 1.95	2050	26 × 2.10	2068
16 × 1.75	1195	26 × 2.125	2070	26 × 2.35	2080
18 × 1.5	1340	26 × 2.30	2080	26 × 3.00	2170
18 × 1.75	1350	26 × 7/8	1920	27 × 1	2145

Wheel Size	Circumference (mm)	Wheel Size	Circumference (mm)	Wheel Size	Circumference (mm)
20 × 1.75	1515	26 × 1(59)	1952	27 × 1-1/8	2155
20 × 1-3/8	1615	26 × 1(65)	1952	27 × 1-1/4	2161
22 × 1-3/8	1770	26 × 1.25	1953	27 × 1-3/8	2169
24 × 1.75	1753	26 × 1.50	2010	27.5 × 1.75	2114
24 × 3/4 Tubular	1785	26 × 1.75	2023	27.5 × 2.125	2145
24 × 1-1/8	1795	26 × 1.95	2050	27.5 × 2.25	2157
24 × 1-1/4	1905	26 × 2.10	2068	650 × 35A	2090
24 × 1.75	1890	26 × 2.125	2070	650 × 38A	2125
700 × 18C	2070	700 × 20C	2086	700 × 23C	2096
700 × 25C	2105	700 × 28C	2136	700 × 32C	2155
700C Tubular	2130	700 × 35C	2168	700 × 38C	2180
700 × 40C	2200	700 × 27C	2268		

2.5 Set it by CooSporide App

The CooSporide App provides a convenient way to manage your CS300 settings and review your ride data. Download the app from your device's app store.

1. **App Installation and Permissions:** Install the CooSporide App and grant necessary permissions for location and Bluetooth access.
2. **Add Device:** In the app, navigate to "My Device" and select "Add device". Choose CS300 from the list and connect.
3. **Configure Settings:** Once connected, you can access various settings:
    - My Stats: Set personal information like nickname, gender, age, height, and weight. Configure HR, Power, Speed, and Cadence Zones.
    - Bike Setting: Activate and name your bike profiles, set weight, wheel diameter, and crank length.
    - Page Settings: Customize up to 5 data pages and select from over 40 data types to display.
    - Auto Function Settings: Configure auto backlight, auto sleep, auto lap, auto pause, auto pages, and auto alert features.
    - Alert Settings: Set alerts for various metrics.
    - Power Management: Manage power-related settings.
    - Key Tone & Alarm Tone: Adjust sound settings.
    - Unit: Set preferred units for distance/speed, altitude, temperature, and weight.
    - Time Zone: Adjust time zone.
    - Altitude Calibrate: Calibrate altitude if needed.



Figure 3: The CooSporide App interface, allowing comprehensive control and customization of your CS300.

Refer to Video 2 for a visual guide on setting up the CS300 via the CooSporide App (relevant segment: 02:32-03:57).

2.6 Anti-lost Rope Installation

To prevent accidental loss of your CS300 during rides, attach the anti-lost rope. Thread the loop of the rope through the designated hole on the side of the device and then pass the main part of the rope through the loop to secure it.

Refer to Video 2 for a visual guide on anti-lost rope installation (relevant segment: 03:57-04:17).

2.7 Mount Installation

Install the basic mount on your bicycle's handlebar or stem. Secure the mount using the provided rubber mat and O-rings. Once the mount is firmly in place, align the CS300 with the mount and twist to lock it securely. Ensure the device clicks into place.



Figure 4: The COOSPO CS300 securely installed on a bicycle handlebar mount.

Refer to Video 2 for a visual guide on mount installation (relevant segment: 04:17-04:35).

3. Operating Your CS300

This section covers the daily operation of your COOSPO CS300 during your rides.

3.1 Start Your Ride

To begin recording your ride, ensure the device has acquired a GPS signal. For first-time GPS signal searching, stay still for at least 2 minutes in an open area. Once the GPS signal is acquired (indicated by the GPS icon), short press the Middle button to start recording your activity. The device will display a countdown before starting.

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Video 2: Instructions on starting a ride, including GPS signal acquisition and initiating recording (relevant segment: 04:35-05:10).

During your ride, you can short press the Left button to mark a lap. To pause the activity, short press the Middle button.

To save the activity, long press the Middle button.

3.2 Display Data Fields and Pages

The CS300 allows you to customize up to 5 data pages, each displaying various metrics. You can switch between pages by short pressing the Right button. The device supports over 40 data types, including:

- Speed (Current, Average, Max)
- Distance (Trip, Odometer)
- Time (Elapsed, Moving)
- Altitude (Current, Ascent, Descent)
- Grade/Slope
- Cadence (Current, Average, Max)
- Heart Rate (Current, Average, Max, Zones)
- Power (Current, Average, Max, Zones)
- Calories
- Temperature



Figure 5: The CS300 offers multiple customizable data pages to view your preferred metrics.

3.3 Wireless Connectivity

The CS300 supports both Bluetooth 5.0 and ANT+ for connecting to external sensors. This allows for comprehensive data collection from various cycling accessories.

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



Figure 6: The CS300 wirelessly connected to various cycling sensors for comprehensive data tracking.

3.4 Dynamic Zone Indicator

The CS300 features a dynamic zone indicator for heart rate, speed, cadence, and power. This allows you to quickly see which training zone you are currently in, helping you optimize your workout intensity.



Figure 7: Dynamic zone indicators provide real-time feedback on your training intensity.

3.5 Auto Functions and Data Alert

The CS300 includes several auto functions for a smarter and safer riding experience:

- **Auto Backlight:** Adjusts screen brightness automatically based on ambient light.
- **Auto Sleep:** Enters sleep mode after a period of inactivity to conserve battery.
- **Auto Lap:** Automatically records laps based on predefined distance or location.
- **Auto Pause:** Pauses recording when you stop moving and resumes when you start.
- **Auto Pages:** Automatically cycles through your customized data pages.
- **Auto Alert:** Provides alerts for various metrics (e.g., exceeding heart rate zones, low battery).



Figure 8: The CS300's auto functions enhance convenience and safety during your rides.

4. Maintenance

Proper maintenance ensures the longevity and optimal performance of your COOSPO CS300.

4.1 Battery Life and Charging

The CS300 is equipped with a 1000mAh battery, providing up to 40 hours of battery life. It features a Type-C charging port. To charge, connect the device to a standard USB power source using the provided Type-C cable. It is not recommended to use fast chargers to activate or charge the bike computer, as this may damage the device.



Figure 9: The CS300 offers extended battery life for long cycling sessions.

4.2 Waterproof Rating

The CS300 has an IPX7 waterproof rating, 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 diving.

4.3 General Care and Cleaning

To clean the device, wipe it with a soft, damp cloth. Avoid using abrasive cleaners, solvents, or strong chemicals, as these can damage the screen or casing. Store the device in a cool, dry place when not in use, away from direct sunlight and extreme temperatures.

5. Troubleshooting

If you encounter issues with your COOSPO CS300, refer to the following common solutions:

5.1 GPS Signal Acquisition Issues

If the device struggles to acquire a GPS signal:

- Ensure you are in an open outdoor area with a clear view of the sky.
- For first-time signal search, remain stationary for at least 2 minutes.
- Check for any obstructions (e.g., tall buildings, dense trees) that might block the signal.
- Ensure the device's firmware is up to date via the CooSporide App.



Figure 10: The CS300 utilizes multiple satellite systems for fast and accurate positioning.

5.2 Sensor Connection Problems

If your ANT+ or Bluetooth sensors are not connecting:

- Ensure the sensors are awake and have fresh batteries.
- Verify that the sensors are within range of the CS300.

- Check the sensor settings in the CooSporide App to ensure they are correctly paired.
- Try re-pairing the sensors through the app.

5.3 Screen Display Issues

If you notice a small bubble or display anomaly on the screen, this can sometimes be due to airtightness. To resolve this, firmly insert the charging cable into the charging port. This can allow the device to "breathe" and may resolve the issue. If the problem persists, contact customer support.

5.4 Data Sync Issues with CooSporide App

If your ride data is not syncing to the CooSporide App:

- Ensure your CS300 is connected to the app via Bluetooth.
- Check your phone's internet connection.
- Verify that the CooSporide App has all necessary permissions (location, Bluetooth).
- Try manually syncing activities from the "My Device" section in the app.
- Ensure the "Auto Sync" function is activated in the app settings for automatic uploads.

Refer to Video 2 for a visual guide on syncing your data (relevant segment: 05:10-06:12).

Note: Activities generated by the CooSpoRide Cycling function (live tracking) cannot be synced to any third-party platform. Only activities recorded directly by the CS300 device can be synced to Strava or TrainingPeaks after authorization in the app.

6. Specifications

Detailed technical specifications for the COOSPO CS300 GPS Bike Computer:

Feature	Specification
Model Name	CS300
Display Size	2.6 Inches
Connectivity Technology	Bluetooth 5.0, ANT+
GPS Positioning	GPS+BDS+QZSS
Battery Life	Up to 40 Hours
Charging Port	Type-C
Waterproof Rating	IPX7
Item Weight	5.6 ounces (158.76 grams)
Package Dimensions	7.17 x 4.96 x 0.94 inches
Mounting Type	Handlebar Mount
Manufacturer	COOSPO

7. Warranty and Support

For detailed warranty information regarding your COOSPO CS300 GPS Bike Computer, please refer to the warranty card

included in your product packaging or visit the official CooSpo website. Warranty terms and conditions may vary by region.

For technical support, troubleshooting assistance, or any product-related inquiries, please contact CooSpo customer service through their official website or the CooSporide App. Ensure your device firmware is up to date for the best performance and access to the latest features.

You can also find helpful resources and FAQs on the CooSpo website or within the CooSporide App's support section.

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