COROS COROS DURA Solar GPS Bike Computer

COROS DURA Solar GPS Bike Computer User Manual

Model: COROS DURA Solar GPS Bike Computer

1. Introduction

The COROS DURA Solar GPS Bike Computer is an advanced cycling device designed for endurance and precision. It features an exceptional 120-hour GPS battery life, enhanced by solar charging capabilities, ensuring uninterrupted use for extended rides. The 2.7-inch MIP color touchscreen provides clear data visibility in various lighting conditions, while intuitive controls allow for easy operation. With turn-by-turn navigation, dual-frequency GPS, and seamless integration with popular cycling platforms, the COROS DURA is built to support your training, racing, and exploration needs.
Key features include:

- **Best-in-Class Battery Life:** Up to 120 hours in full GPS mode on a single charge.
- **Efficient Solar Charging:** Gains up to 2 extra hours of ride time per hour of direct sunlight.
- **Responsive Touchscreen:** 2.7-inch customizable MIP color display for easy data viewing.
- **Intuitive Controls:** Tactile digital dial and single-button design for operation with gloves.
- **Smart Navigation:** Turn-by-turn navigation and smart rerouting powered by Google Maps, with route creation/download from COROS app, Ride with GPS, and Komoot.
- **Comprehensive Fitness Data:** Integrates with COROS watches for performance, recovery, sleep, and stress metrics.
- **Robust Connectivity:** Supports Bluetooth and ANT+ for external sensors.

2. Setup

2.1. What's in the Box

Upon unboxing your COROS DURA Solar GPS Bike Computer, ensure all components are present:

- COROS DURA GPS Cycling Unit
- USB-C Charging Cable
- Out-Front Handlebar Mount
- 31.8mm Rubber Ring
- 25.4mm Rubber Ring
- 3mm Hex Wrench
- 1.5mm Hex Wrench

2.2. Initial Charge

Before first use, it is recommended to fully charge your COROS DURA using the provided USB-C cable. Connect the cable to the charging port on the device and a compatible USB power source. The device also features solar charging, which will supplement battery life during outdoor rides.

2.3. Mounting the Device

The COROS DURA comes with an aerodynamic out-front handlebar mount. Select the appropriate rubber ring (31.8mm or 25.4mm) for your handlebar diameter. Secure the mount to your handlebar using the provided hex wrenches. The DURA uses a standard quarter-turn design for easy attachment and removal.





The COROS DURA Solar GPS Bike Computer securely mounted on a bicycle handlebar, showing its display with navigation and performance metrics.

2.4. Pairing with the COROS App

To unlock the full potential of your COROS DURA, pair it with the COROS app on your smartphone. This allows for data syncing, route management, and device settings customization.

1. Download the COROS app from your smartphone's app store.
2. Open the app and create an account or log in.
3. On the COROS DURA, power on the device.
4. In the COROS app, navigate to the 'Profile' tab and select 'Add New Device'.
5. Follow the on-screen prompts to scan the QR code displayed on your DURA or pair via Bluetooth.
6. Once paired, you can customize activity types, notification settings, and more.

Official COROS DURA product video, showcasing its features and user experience. This video provides a visual overview of the device's capabilities, including its display, controls, and integration with cycling activities.

3. Operating the Device

3.1. Display and Controls

The COROS DURA features a 2.7-inch customizable MIP color touchscreen. Data fields are easily viewable even under direct sunlight, and an adaptive backlight ensures clarity in low-light conditions. Interaction is primarily through the responsive touchscreen, a tactile digital dial, and a single physical button, allowing for easy navigation and control even while wearing gloves.



The COROS DURA is designed for intuitive use in motion, featuring a responsive touchscreen and a digital dial for easy control during rides.

3.2. Navigation

The COROS DURA offers seamless and smart navigation capabilities:

- **Turn-by-Turn Navigation:** Receive clear directions to your destination.
- **Smart Rerouting:** Automatically adjusts your route if you go off course, powered by Google Maps.
- **Route Management:** Easily create new routes within the COROS app or download existing routes from platforms like Ride with GPS and Komoot.



Smarter navigation on the COROS DURA, featuring turn-by-turn directions and smart rerouting powered by Google Maps.

3.3. Data Syncing and Fitness Ecosystem

The COROS DURA ensures lightning-fast data syncing to the COROS app, regardless of activity duration. This allows you to quickly review your ride data and gain comprehensive fitness insights.

- **Fast Uploads:** Your ride data is uploaded to the app in seconds.
- **Complete Fitness Insights:** When paired with COROS watches, the DURA contributes to a holistic view of your performance, recovery, sleep, stress, and other key metrics.
- **Third-Party Integration:** Sync directly with popular health and fitness apps such as Strava, Apple Health, and Health Connect.



All your fitness data is accessible through the COROS app, providing complete insights when used with COROS watches and the DURA bike computer.

3.4. Connectivity

The COROS DURA offers robust connectivity to a wide range of external sensors and accessories:

- **Bluetooth:** Connects wirelessly to your smartphone and other Bluetooth-enabled sensors.
- **ANT+:** Supports ANT+ compatible sensors, including power meters, bike radars, speed/cadence sensors, heart rate monitors, and electronic shifters.

3.5. Safety Features

The COROS DURA includes features designed to enhance your safety and preparedness:

- **Group Tracking:** Stay connected with your riding group.
- **Safety Alerts:** Informs emergency contacts if a crash is detected.
- **Bike Alarm:** A loud alarm feature to help secure your bike.

4. Maintenance

4.1. Battery Life and Charging

The COROS DURA is engineered for extended use:

- **GPS Battery Life:** Enjoy up to 120 hours in full GPS mode on a single charge.
- **Solar Charging:** The integrated solar panel can provide up to 2 extra hours of ride time per hour of solar charging in direct sunlight. This significantly extends operational time, potentially for months in optimal conditions without needing to remove the head unit for charging.
- **USB-C Charging:** For faster charging or when solar conditions are not ideal, use the provided USB-C cable.



The COROS DURA boasts a best-in-class battery life of 120 hours in full GPS mode on a single charge.



The COROS DURA features effective solar charging, providing additional ride time when exposed to direct sunlight.

4.2. Cleaning and Care

To maintain your device's performance and appearance:

- Wipe the device with a soft, damp cloth.
- Avoid using harsh chemicals or abrasive cleaners.
- Ensure the USB-C port cover is securely closed when not charging to prevent water and dust ingress.

4.3. Water and Dust Resistance

The COROS DURA has an **IP67** international protection rating, meaning it is protected from dust ingress and can withstand immersion in water up to 1 meter for 30 minutes. While durable, it is not recommended for prolonged underwater use.

5. Troubleshooting

If you encounter issues with your COROS DURA, consider the following common solutions:

- **Device Not Responding:** Try restarting the device by holding down the power button.
- **Pairing Issues:** Ensure Bluetooth is enabled on your smartphone and the DURA. Try unpairing and re-pairing the device in the COROS app.
- **Data Syncing Problems:** Check your internet connection and ensure the COROS app is up to date.
- **GPS Signal Loss:** Ensure you are in an open area with a clear view of the sky. Update the device firmware via the COROS app if available.
- **Inaccurate Data:** Verify that all connected sensors are properly paired and calibrated. Ensure the device firmware is current.

For persistent issues, refer to the COROS support website or contact customer service.

6. Specifications

Feature	Detail
Brand	COROS
Model Name	COROS DURA Solar GPS Bike Computer
Color	Black
Product Dimensions	0.2"L x 0.05"W x 0.33"H (99.5 x 60.8 x 15.7mm)
Item Weight	102 Grams
Screen Size	2.7 Inches
Display Type	Always-On Memory LCD
Display Resolution	400 x 240
Battery Life	120 Hours (GPS mode)
Battery Cell Composition	Lithium Ion
Sensor Type	GPS Sensor
Connectivity Technology	Bluetooth, ANT+
International Protection Rating	IP67
Mounting Type	Handlebar Mount
Human Interface Input	Touchscreen
UPC	810005783200
Model Year	2024

7. Warranty and Support

7.1. Warranty Information

The COROS DURA Solar GPS Bike Computer comes with a**2-year warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use. Please retain your proof of purchase for warranty claims.

7.2. Customer Support

For further assistance, technical support, or to access the latest firmware updates and user guides, please visit the official COROS support website or contact COROS customer service directly. You can also find helpful resources and FAQs within the COROS mobile application.

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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

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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