Garmin Edge 850

Garmin Edge 850 GPS Cycling Computer Instruction Manual

Model: Edge 850

1. Introduction

The Garmin Edge 850 is a compact GPS cycling computer designed to enhance your cycling experience with advanced navigation, training, and performance tracking features. It features a vivid color touchscreen display and button controls for intuitive operation. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.

2. Setup

2.1 What's in the Box

- Edge 850 GPS cycling computer
- Flush out-front mount
- Standard mount
- Tether
- Charging/data cable
- Documentation

2.2 Mounting the Device

Your Edge 850 comes with both a standard mount and a flush out-front mount. Choose the mount that best suits your bicycle and riding preference. Ensure the device is securely attached to prevent accidental detachment during rides.

2.3 Initial Power On and Configuration

To power on your device, press and hold the power button. Follow the on-screen prompts to select your language, units of measurement, and other initial settings. For optimal functionality, connect your Edge 850 to the Garmin Connect™ app on your compatible smartphone.

2.4 Connecting Sensors and Smartphone

The Edge 850 supports various sensors such as power meters and heart rate monitors. Pair these devices via Bluetooth

or ANT+ through the device settings. Connect your smartphone via the Garmin Connect app to enable smart features like live tracking, incident detection, and smart notifications.

Video: Garmin Edge 550 & Edge 850. This video provides an overview of the Garmin Edge 550 and Edge 850 cycling computers, highlighting their features and design.

3. Operating the Device

3.1 Touchscreen and Button Controls

Navigate the Edge 850 using its vivid color touchscreen or the physical buttons located on the device. The touchscreen allows for intuitive swiping and tapping, while buttons provide reliable control in all conditions, including wet weather or when wearing gloves.

3.2 Starting and Saving a Ride

From the home screen, select your desired activity profile (e.g., Road, Mountain, Indoor). Press the start button to begin recording your ride. To pause, press the start button again. To save or discard your ride, follow the on-screen prompts after stopping the activity.

3.3 Mapping and Navigation Features

The Edge 850 comes with preloaded maps for road, gravel, and trails, including Trailforks maps with Forksight mode. You can create courses directly on the device or import them from the Garmin Connect app. Receive turn-by-turn directions and alerts for road hazards reported by fellow cyclists.

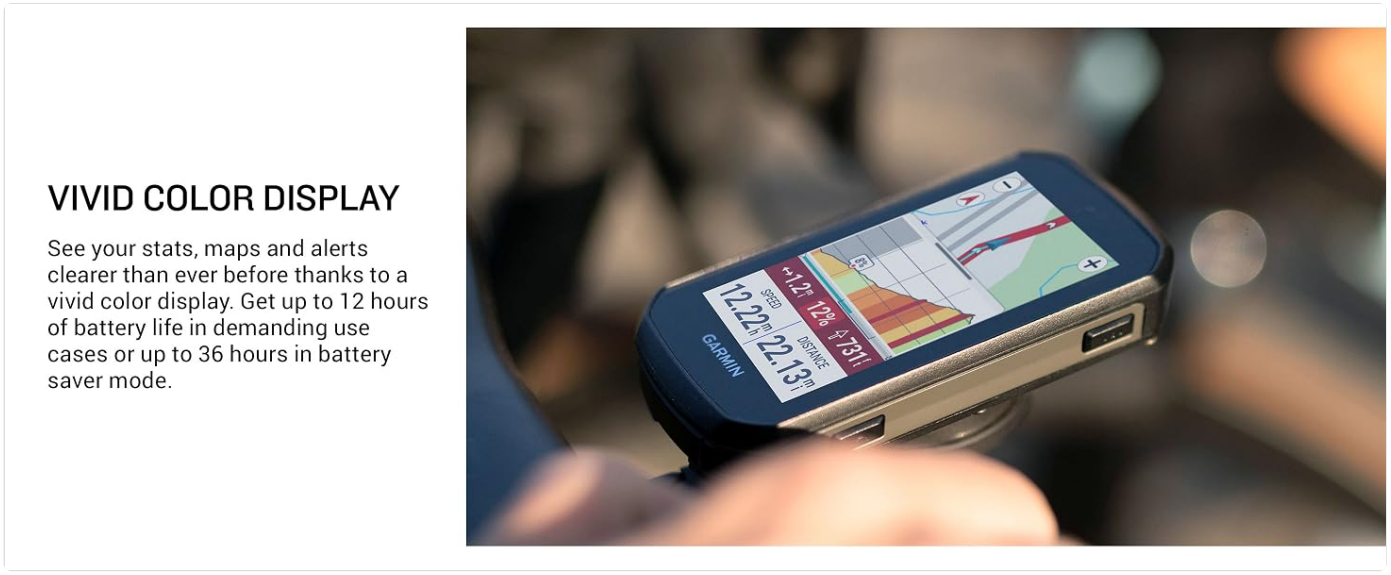


Image: Garmin Edge 850 displaying preloaded maps for navigation. The device shows a detailed map with a highlighted route, indicating the current location and upcoming turns.

3.4 Advanced Training and Performance Insights

Utilize smart fueling alerts that prompt you to hydrate and refuel based on your fitness, course demands, heat, and humidity. The Power Guide feature provides recommended power targets based on real-time stamina. Garmin Cycling Coach plans adapt to your performance and recovery when paired with compatible sensors.



Image: Garmin Edge 850 displaying advanced training metrics. The screen shows data fields for training effect, load focus, and recovery time, helping users optimize their workouts.

3.5 Smart Connectivity and Alerts

Stay connected on group rides with in-ride messaging and live locations through the Garmin Connect app. Receive incident detection alerts and monitor weather with radar and wind direction overlays. The built-in speaker provides clear workout and navigation prompts, and a bike bell feature alerts others.



Image: Garmin Edge 850 showing GroupRide messaging. The device displays messages from other riders in a group, enhancing communication during rides.

3.6 Garmin Pay Contactless Payments

Make purchases on the go with Garmin Pay contactless payments (with a supported bank and payment network), making fueling stops quick and convenient.

4. Maintenance

4.1 Charging the Device

Charge your Edge 850 using the provided USB-C charging/data cable. The device offers up to 12 hours of battery life in demanding use cases and up to 36 hours in battery saver mode. Ensure the charging port is dry before connecting the cable.

4.2 Cleaning and Care

Clean the device regularly with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the screen or casing. Ensure the charging port cover is securely closed to maintain water resistance.

4.3 Software Updates

Keep your Edge 850's software up to date by connecting it to the Garmin Connect app on your smartphone or computer. Software updates often include performance improvements, new features, and bug fixes.

5. Troubleshooting

5.1 GPS Accuracy Issues

The Edge 850 features multi-band GPS with automatic 5 Hz GPS recording for superior accuracy. If you experience accuracy issues, ensure you have a clear view of the sky and that the device's satellite settings are optimized for your riding conditions.

5.2 Battery Life Optimization

To maximize battery life, utilize the battery saver mode. Reducing screen brightness, disabling unnecessary sensors, and turning off Wi-Fi/Bluetooth when not in use can also extend battery duration.

5.3 Device Not Responding

If the device becomes unresponsive, try performing a soft reset by holding down the power button for 10-15 seconds until the device powers off. Then, power it back on normally.

6. Specifications

Product Dimensions	0.7 x 2.1 x 3.6 inches
Item Weight	3.9 ounces
Item Model Number	010-03023-00
Battery Life	Up to 12 hours (demanding use), up to 36 hours (battery saver mode)
Connectivity Technologies	Bluetooth, USB, Wi-Fi
Human Interface Input	Buttons, Touchscreen
Screen Size	2.7 Inches
Operating System	Garmin OS

7. Warranty and Support

The Garmin Edge 850 comes with a standard manufacturer's warranty. For detailed warranty information, please refer to the documentation included in the box or visit the official Garmin website. For technical support, product registration, and additional resources, please visit garmin.com/support.

Video: Garmin Edge 850, Compact GPS Cycling Computer. This video provides a brief overview of the Garmin Edge 850's features and compact design.

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

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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