Garmin 010-02890-00

Garmin Edge 1050 Premium Bicycle Computer User Manual

Model: Edge 1050 (010-02890-00) | Brand: Garmin

Introduction

The Garmin Edge 1050 Premium Cycling Computer is designed to enhance your cycling experience with advanced features for navigation, training, and safety. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.

The device features a vivid color touchscreen display for easy navigation and clear visualization of maps, statistics, and performance data. It supports on-device course creation, real-time stamina insights, personalized training, and daily suggested rides. Key safety features include road hazard alerts, automatic incident detection, and Group Ride messaging with live location sharing. The Edge 1050 also integrates with smart trainers, eBikes, and inReach satellite communicators, offering versatility for both indoor and outdoor use.

What's in the Box

- Garmin Edge 1050 Premium Cycling Computer
- USB Charging Adapter
- USB Type C Charging Cable
- Diginerds Cleaning Kit
- P-Bank Battery
- 2-port USB Car Charging Adapter
- Bike Mount
- Sensor (specific type not detailed, typically speed/cadence or heart rate)



Image: The Garmin Edge 1050 device shown alongside its bundled accessories, including charging cables, adapters, a power bank, a cleaning kit, and a bike mount.

Setup

1. Charging the Device

Before first use, fully charge your Edge 1050. Connect the USB Type C charging cable to the device and to the USB charging adapter or a computer USB port. A full charge provides up to 20 hours of battery life, or up to 60 hours in battery saver mode.

2. Mounting the Device

The Edge 1050 comes with a handlebar mount. Securely attach the mount to your bicycle's handlebars using the provided hardware. Ensure the mount is stable and the device can be easily viewed while riding. Twist the device onto the mount until it clicks into place.



Image: Rear view of the Garmin Edge 1050, highlighting the quarter-turn mounting interface for secure attachment to a bike mount.

3. Initial Power On and Setup

Press and hold the power button to turn on the device. Follow the on-screen prompts to select your language, region, and initial settings. It is recommended to connect the device to the Garmin Connect app on your smartphone for full functionality and updates.

Operating the Device

Navigating the Touchscreen

The Edge 1050 features a responsive color touchscreen. Swipe left or right to navigate between data screens, and tap icons to access menus and functions. The main screen typically displays ride data, navigation, and menu options.



Image: A close-up of the Garmin Edge 1050 screen showing "ROAD" mode with current distance, total distance, and time, along with Training, Navigation, and Menu icons at the bottom.

Key Features and Functions

- **Navigation:** Create and follow courses directly on the device. The vivid display shows detailed maps and road surface types.
- **Performance Tracking:** Monitor real-time stamina, power targets, heart rate, and other metrics. The device provides personalized training insights and adaptive workouts.
- **ClimbPro Ascent Planner:** Get detailed information on upcoming climbs, including gradient, distance, and elevation

remaining.



Image: The Garmin Edge 1050 screen displaying the ClimbPro feature, showing a graphical representation of an upcoming climb with current position, remaining distance, and gradient.

- **Safety Features:** Receive road hazard alerts and utilize automatic incident detection, which can notify emergency contacts in case of a crash.
- **Group Ride Messaging:** Stay connected with other riders by sending and receiving messages and sharing live locations.
- **Built-in Speaker:** Hear navigation prompts, workout alerts, and use the on-device bike bell to alert others.
- **Garmin Pay:** Make contactless payments directly from your device (where supported).

Using the Garmin Connect App

Pair your Edge 1050 with the Garmin Connect app on your smartphone to:

- Sync ride data and analyze performance.
- Download courses and segments.
- Receive smart notifications from your phone.

- Update device software.

Your browser does not support the video tag.

Video: An official product video from 6ave demonstrating the features and benefits of the Garmin Edge 1050 Premium Cycling Computer, including its vivid display, navigation capabilities, group ride messaging, and performance tracking.

Maintenance

Cleaning the Device

Regularly clean your Edge 1050 to ensure optimal performance and longevity. Use a soft, lint-free cloth, preferably from the included Diginerds Cleaning Kit. For stubborn dirt, slightly dampen the cloth with water. Avoid abrasive cleaners or solvents that could damage the screen or casing.

Battery Care

To maximize battery life, avoid exposing the device to extreme temperatures. If storing the device for an extended period, charge it to approximately 50% before storage and recharge every few months.

Software Updates

Periodically check for software updates via the Garmin Connect app or Garmin Express on your computer. Updates often include performance improvements, new features, and bug fixes.

Troubleshooting

Device Not Turning On

- Ensure the device is fully charged. Connect it to a power source for at least 30 minutes.
- Try performing a soft reset by holding down the power button for 10-15 seconds.

GPS Signal Issues

- Ensure you are in an open area with a clear view of the sky.
- Allow the device sufficient time to acquire satellites, especially after being off for a long period or traveling a significant distance.

Touchscreen Unresponsive

- Clean the screen to remove any dirt or moisture.
- Restart the device. If the issue persists, contact Garmin support.

Connectivity Problems (Bluetooth/ANT+)

- Ensure Bluetooth is enabled on both your Edge 1050 and your smartphone.
- Unpair and re-pair the devices in the Garmin Connect app.
- Ensure external sensors (if any) are awake and within range.

Specifications

Feature	Detail

Model Name	Edge 1050
Item Model Number	010-02890-00
Display Size	3.5 Inches
Resolution	480 x 272 pixels
Battery Life	Up to 20 hours (typical use), up to 60 hours (battery saver mode)
Connectivity Technology	USB, Bluetooth, ANT+
Mounting Type	Handlebar Mount
Item Weight	2.08 pounds
Product Dimensions	4.7 x 0.6 x 2.4 inches
Country of Origin	Taiwan
Manufacturer	Garmin

Warranty and Support

For warranty information and technical support, please visit the official Garmin website or contact Garmin customer service. Keep your proof of purchase for warranty claims.
Online resources include:

- Garmin Support Center
- Garmin Product Manuals

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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.

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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