Garmin 010-02890-00

Garmin Edge 1050® Cycling Computer User Manual

Model: 010-02890-00 | Brand: Garmin

Introduction

The Garmin Edge 1050 is a premium GPS cycling computer designed to enhance your cycling experience with advanced navigation, training, and connectivity features. It features a vivid color touchscreen display, a built-in speaker for audio prompts, and robust battery life to support long rides.

What's in the Box

- Edge 1050 GPS cycling computer
- Flush out-front mount
- Standard mount
- Tether
- Charging/data cable
- Documentation

Setup

Initial Charging

Before first use, fully charge your Edge 1050 using the provided charging/data cable. Connect the cable to the device and a USB power adapter or a computer USB port.

Mounting the Device

The Edge 1050 comes with both a flush out-front mount and a standard mount. Choose the mount that best suits your bicycle setup. Securely attach the mount to your handlebars or stem, then twist the Edge 1050 onto the mount until it clicks into place.





Image: The Garmin Edge 1050 cycling computer shown mounted on a bicycle handlebar, displaying its main screen with ride data.

Power On and Initial Configuration

Press the power button to turn on the device. Follow the on-screen prompts to select your language, set up activity profiles (e.g., Road, Mountain, Gravel), and connect to the Garmin Connect™ app on your compatible smartphone for full functionality and data synchronization.

Operating the Device

Display and Interface

The Edge 1050 features a vivid color touchscreen display. Navigate through menus and data screens by swiping and tapping. Physical buttons are also available for quick access to common functions.





Image: The Garmin Edge 1050's main screen, showing options for Training, Navigation, and Menu, along with current ride statistics.

Core Features

- **Navigation:** Create courses directly on the device or import them from the Garmin Connect app. The device provides turn-by-turn directions and displays road surface types for enhanced awareness.
- **Training:** Access free Garmin training plans, event adaptive training, and personalized coaching that adjusts to your performance and recovery when paired with compatible sensors.
- **Group Ride:** Stay connected with fellow cyclists using in-ride messaging, live location sharing, and in-ride leaderboards.

- **Road Hazard Alerts:** Receive and contribute alerts for road hazards reported by other cyclists, enhancing safety.
- **Built-in Speaker:** Hear clear workout and navigation prompts. The speaker also functions as a bike bell to alert pedestrians and other riders.

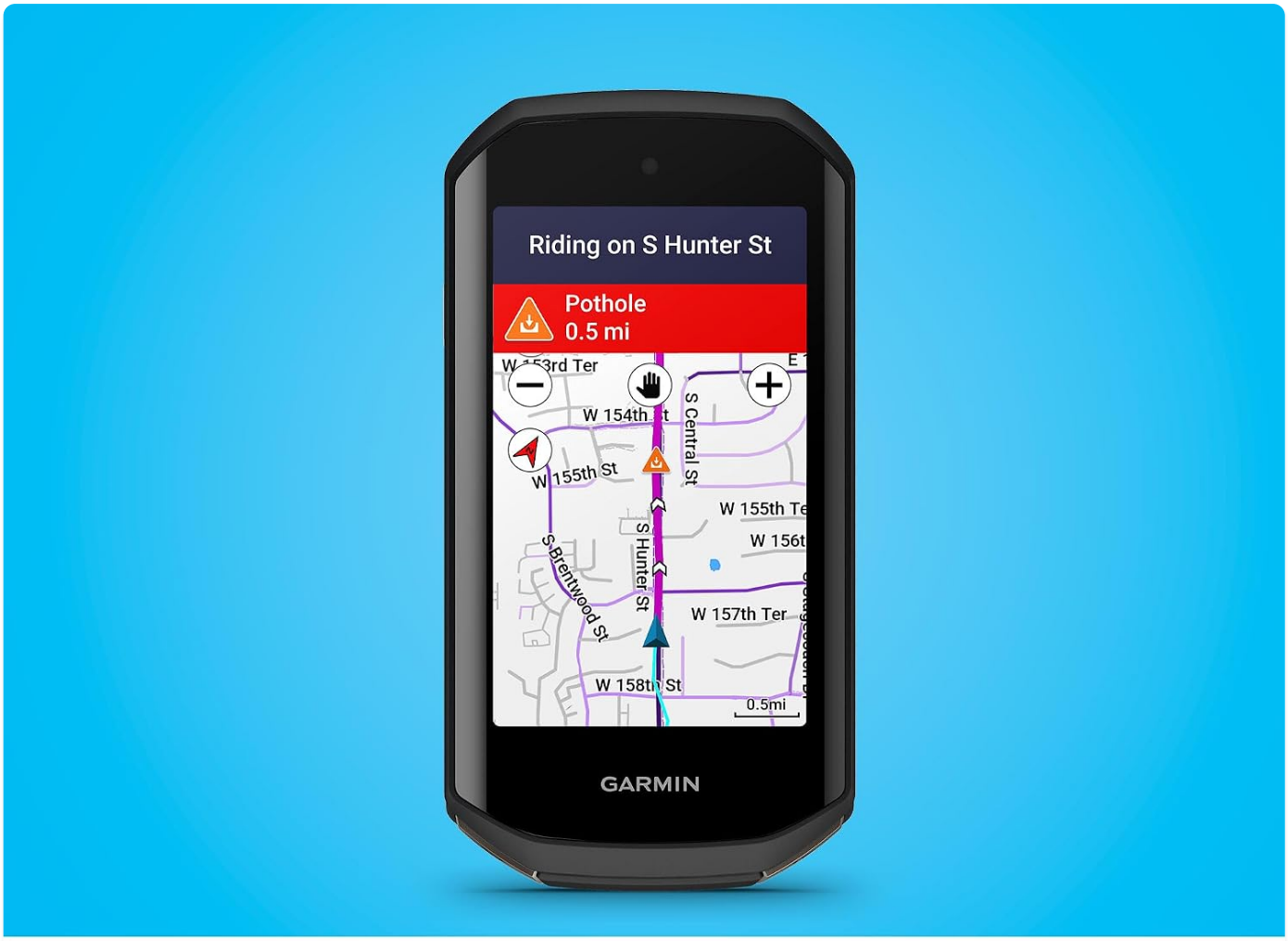


Image: The Garmin Edge 1050 screen showing a road hazard alert for a pothole, indicating its distance and location on the map.

Garmin Pay™ Contactless Payments

Make secure purchases on the go with Garmin Pay. This feature allows you to pay for items using your device at participating vendors.



Premium GPS cycling computer with vivid color touchscreen display combines extra-long battery life, navigation, planning and performance tracking.

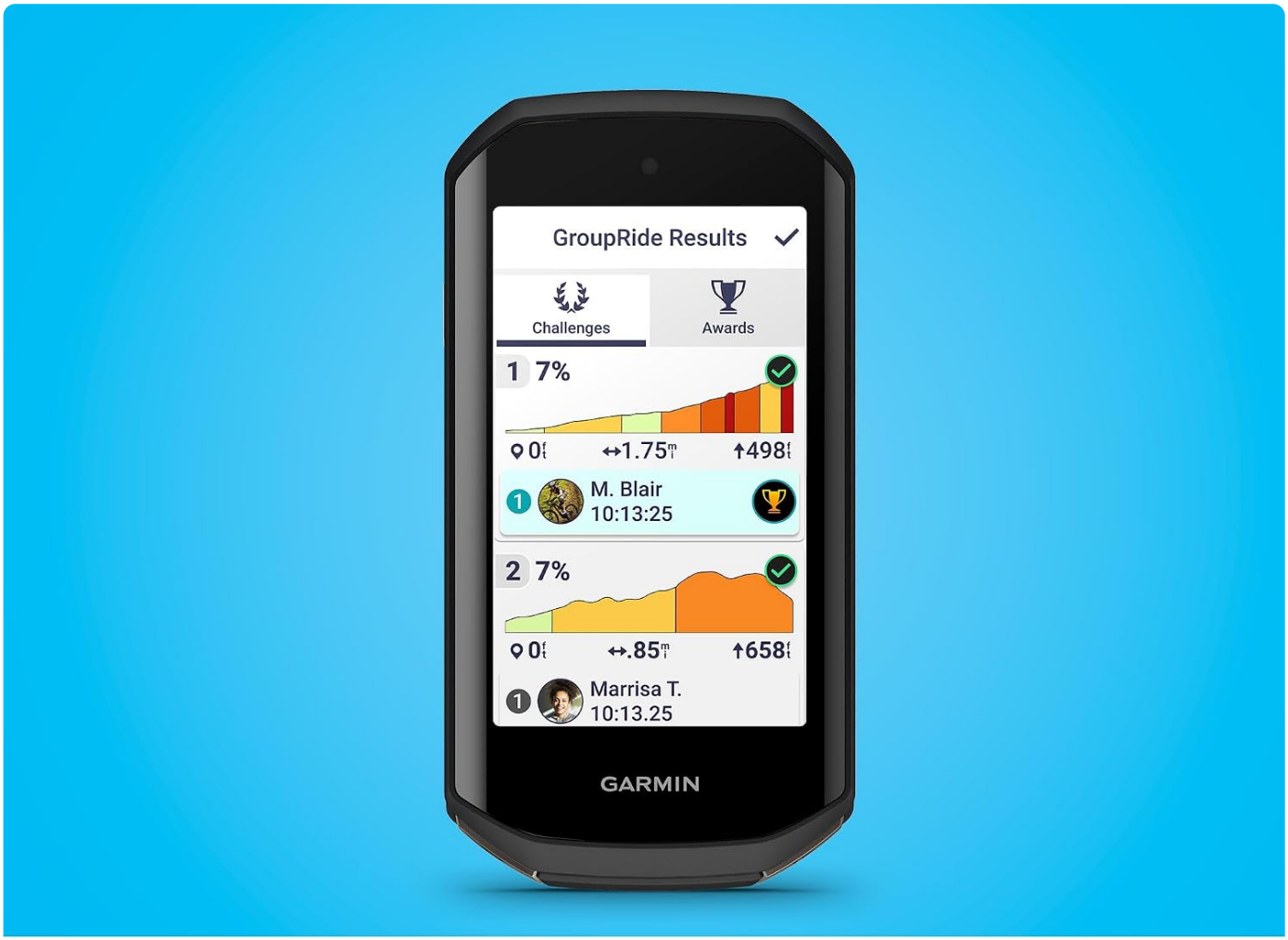
Image: The Garmin Edge 1050 screen showing the Garmin Pay wallet, ready for a contactless payment transaction.

Connectivity

The Edge 1050 supports Bluetooth, Wi-Fi, and USB connectivity. It can pair with various sensors (power meters, heart rate monitors) and devices like Garmin Varia rearview radar and smart lights for enhanced cycling awareness.
It also offers compatibility with inReach satellite communicators (active satellite subscription required) for staying in touch in remote areas.

Training and Performance Features

- **ClimbPro Ascent Planner:** View remaining ascent and grade when climbing, helping you gauge your effort.
- **Power Guide:** Recommends power targets throughout a course, adjusting in real-time based on stamina and wind when paired with a compatible power meter.
- **Heat and Altitude Acclimation:** Monitors how your body is adapting to environmental conditions.



Stay connected on group rides with in-ride messaging, live locations and incident detection alerts; plus add competition with in-ride leaderboards.

When paired with your compatible smpartphone and the Garmin Connect app.

Image: The Garmin Edge 1050 screen showing the ClimbPro feature, detailing remaining ascent and grade for a climb.

Safety and Tracking Features

- **Incident Detection:** Automatically sends a message with your location to emergency contacts after an on- or off-road incident. GroupRide also alerts you to incidents of other riders in your group.
- **LiveTrack:** Allows loved ones to follow your location in real-time and view data such as speed and course plans.
- **Smart Notifications:** Receive texts and alerts from your compatible smartphone directly on your Edge cycling computer.

Maintenance

Cleaning the Device

Regularly clean your Edge 1050 with a soft, damp cloth. Avoid harsh chemicals or abrasive materials that could damage the screen or casing.

Battery Life

The device offers up to 20 hours of battery life in demanding use cases and up to 60 hours in battery saver mode. To maximize battery life, adjust screen brightness, disable unnecessary features, and use battery saver mode when appropriate.

Troubleshooting

Sync Issues

If your device is not syncing with the Garmin Connect app, ensure Bluetooth is enabled on both devices and they are within range. Restarting both the Edge 1050 and your smartphone can often resolve connectivity issues. Verify that the Garmin Connect app is up to date.

Device Crashes

In rare instances, the device may experience crashes. Ensure your device's firmware is updated to the latest version via Garmin Express. If crashes persist, perform a soft reset (refer to documentation for specific steps) or contact Garmin support.

Inaccurate Odometer Reading

Ensure your wheel size is correctly calibrated in the device settings. Consistent GPS signal is also crucial for accurate distance tracking. If using a speed sensor, ensure it is properly paired and functioning.

Specifications

Feature	Detail
Product Dimensions	4.7 x 0.6 x 2.4 inches
Item Weight	5.7 ounces
Item Model Number	010-02890-00
Batteries	1 Lithium Ion battery (included)
Screen Size	3.5 Inches
Connectivity Technologies	Bluetooth, Wi-Fi, USB

Human Interface Input	Touchscreen, Buttons
Audio Output Mode	Speaker
Map Type	North America

Warranty and Support

For warranty information and technical support, please refer to the documentation included with your Garmin Edge 1050 or visit the official Garmin support website. Keep your proof of purchase for warranty claims.

Product Videos

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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

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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