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Garmin Edge 1040

Garmin Edge 1040 GPS Bike Computer User Manual

Model: Edge 1040 (010-02503-00)

Introduction

The Garmin Edge 1040 is an advanced GPS bike computer designed for superior navigation, performance tracking, and smart connectivity for both on-road and off-road cycling. It features multi-band GNSS technology for enhanced positioning accuracy and a long-lasting battery, making it suitable for extended rides.





Figure 1: Front view of the Garmin Edge 1040 GPS Bike Computer.

Setup

1. Charging the Device

Before first use, fully charge your Edge 1040. The device uses a Lithium Polymer battery and can provide up to 35 hours of battery life in demanding use cases, and up to 70 hours in battery saver mode. Connect the device to a USB power source using the provided USB cable.

2. Mounting the Device

The Garmin Edge 1040 is designed to be mounted on your bicycle handlebars or stem. Use the included mounts and follow the instructions provided with the mounting kit to securely attach the device to your bike. Ensure the mount is firm and the device clicks into place.

3. Initial Power On and Pairing

Press and hold the power button to turn on the device. Follow the on-screen prompts for initial setup, including language selection and basic profile information. For full functionality, pair your Edge 1040 with the Garmin Connect smart-device app via Bluetooth. This allows for simplified setup, data field adjustments, and connection to various platforms like Strava and Komoot.

Operating the Device

Navigation Features

The Edge 1040 offers advanced navigation capabilities:

- **Multi-band GNSS:** Provides enhanced positioning accuracy, even in challenging environments like dense tree cover or urban canyons.
- **Ride Type-Specific Maps:** Preloaded maps highlight popular roads and trails, with searchable points of interest.
- **Turn-by-Turn Directions:** Receive alerts for upcoming turns to stay on course.
- **Off-Course Recalculation:** If you deviate from your planned route, the device can recalculate to get you back on track or guide you to your destination.
- **ClimbPro Feature:** Automatically displays remaining ascent and grade when following a route, helping you manage your effort on climbs.

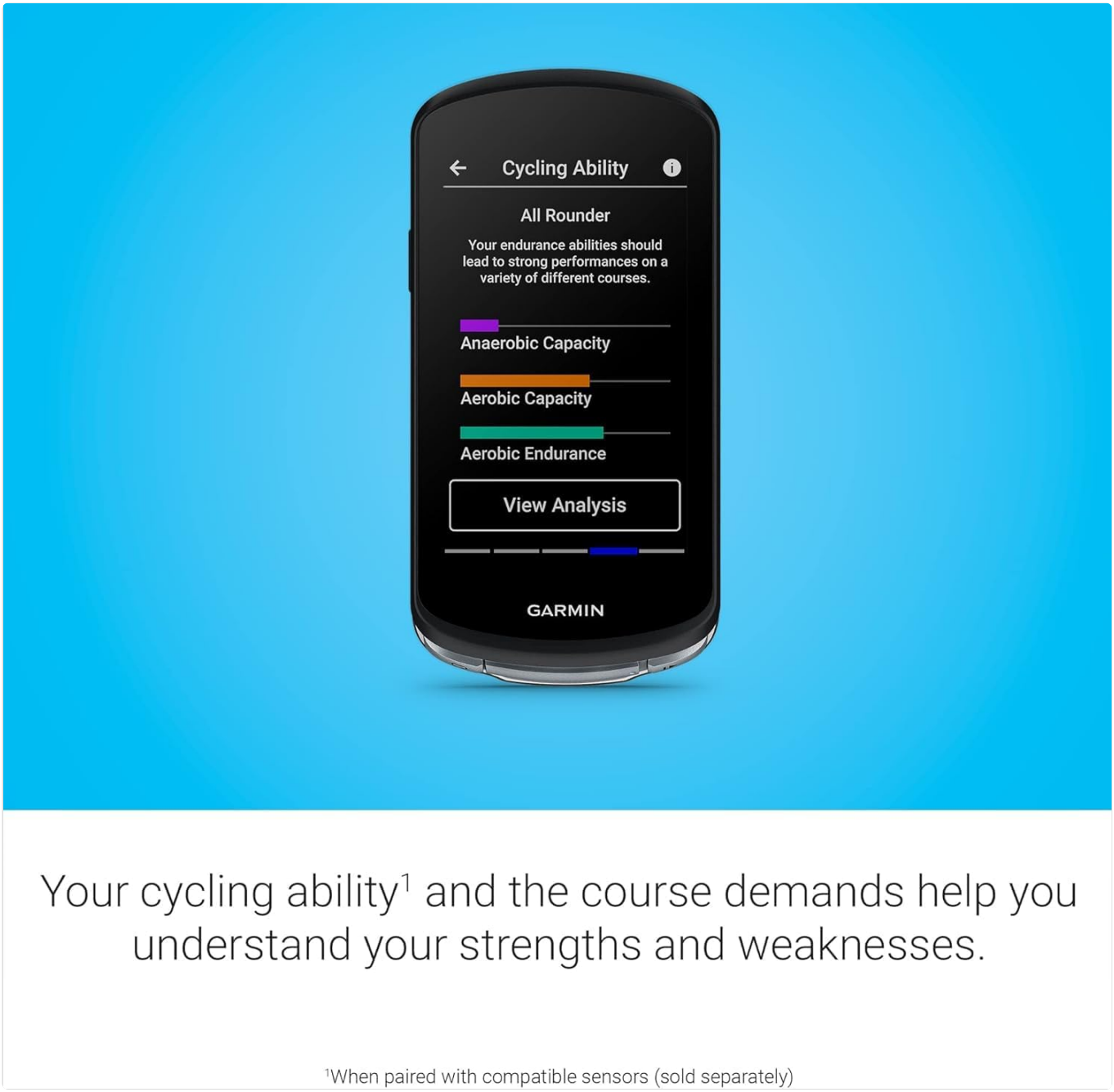


Figure 2: The Edge 1040 displaying navigation and route information.

Performance Tracking

Monitor and improve your cycling performance with these features (requires compatible sensors, sold separately):

- **Power Guide:** Recommends power targets throughout a course to help manage your efforts.
- **Stamina Insights:** Provides real-time insights into your remaining stamina, helping you gauge how much longer you can push.
- **Cycling Ability:** Classifies your strengths as a cyclist and compares your ability to course demands, aiding in focused training.
- **Dynamic Performance Monitoring:** Tracks VO2 max, recovery time, training load, and training load focus.
- **Training Status:** Evaluates recent exercise history and performance indicators to assess training productivity.
- **Garmin Coach:** Access training plans for events, milestones, or general fitness improvement.

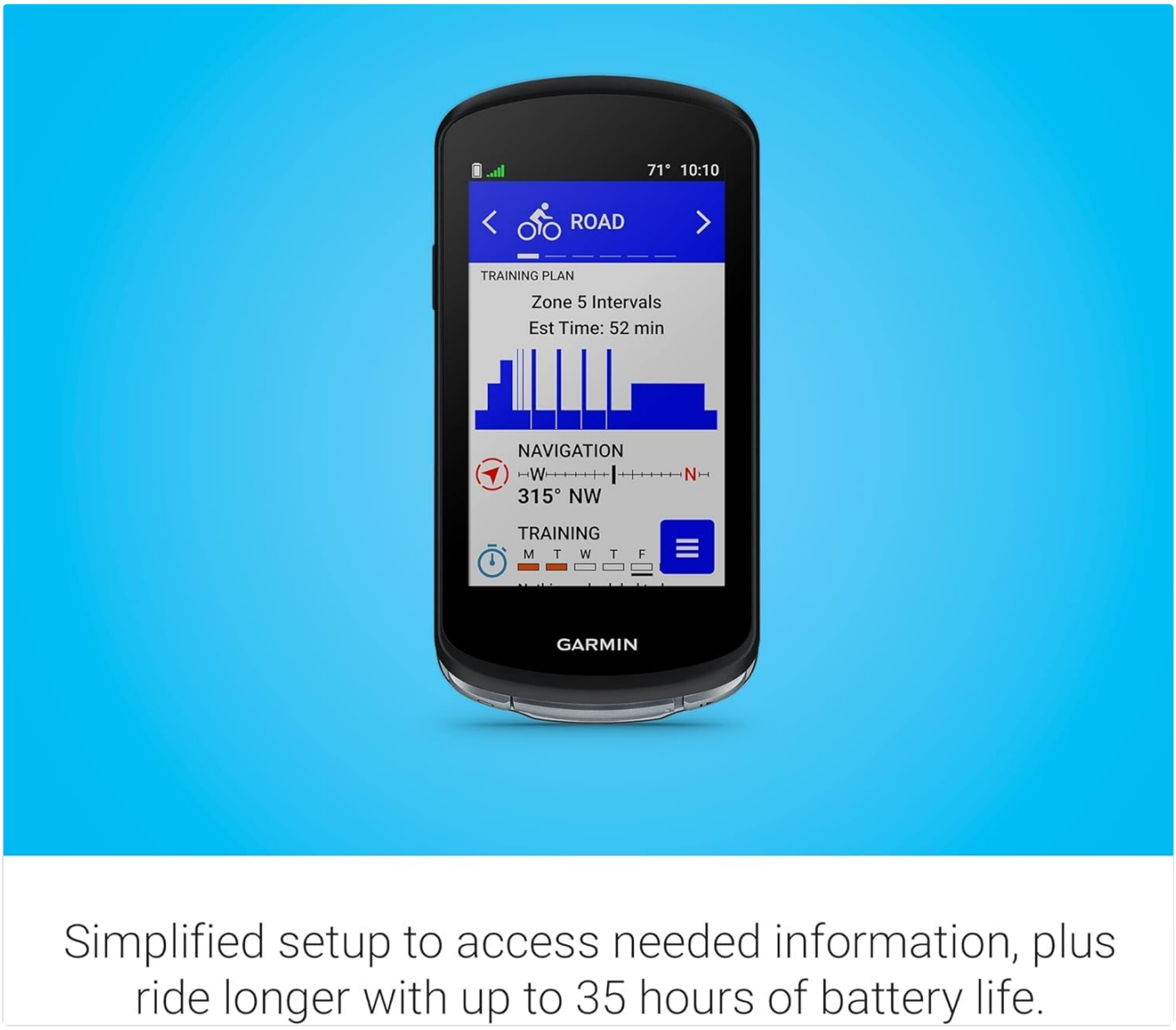


Figure 3: Performance metrics displayed on the Edge 1040 screen.

Smart Connectivity

The Edge 1040 offers various connectivity options:

- **Garmin Connect App:** Required for connecting to apps like Strava, Komoot, and TrainingPeaks.
- **inReach Device Compatibility:** Pair with an inReach device to view/reply to messages, share trip data, and trigger SOS alerts (active satellite subscription required).
- **Varia Compatibility:** Pair with Garmin Varia rearview radar and lights for enhanced cycling awareness.
- **Incident Detection:** When paired with a compatible smartphone, the device can automatically send a message with your

location to preloaded emergency contacts if an incident is detected.

- **Bike Alarm:** A PIN-protected bike alarm notifies you on your paired smartphone if your bike is moved while you are away.
- **Group Messaging & GroupTrack:** Stay in touch with your riding crew and track up to 50 friends on the map when paired with a compatible smartphone.

Maintenance

Cleaning the Device

Regularly clean your Edge 1040 to ensure optimal performance and longevity. Use a soft, damp cloth to wipe the screen and casing. Avoid abrasive cleaners or solvents that could damage the device. Ensure the USB port cover is securely closed to prevent water and dust ingress.

Battery Care

To maximize battery life, avoid exposing the device to extreme temperatures. For long-term storage, charge the device to approximately 50% and store it in a cool, dry place. Recharge every few months to prevent deep discharge.

Storage

When not in use, store the device in a safe place away from direct sunlight, extreme temperatures, and moisture. Protect the screen from scratches by using a screen protector or storing it in a protective pouch.

Troubleshooting

GPS Signal Issues

- Ensure you are in an open area with a clear view of the sky.
- Allow the device sufficient time to acquire satellite signals, especially after being in a new location.
- Verify that multi-band GNSS is enabled in settings for improved accuracy.

Connectivity Problems (Bluetooth/Sensors)

- Ensure Bluetooth is enabled on both your Edge 1040 and your smartphone.
- Restart both devices.
- Remove and re-pair the device in the Garmin Connect app.
- For sensors, ensure they are awake and have fresh batteries. Try re-pairing them with the Edge 1040.

Battery Draining Quickly

- Reduce screen brightness.
- Disable unnecessary features like Wi-Fi or excessive sensor connections when not in use.
- Ensure the device software is up to date.
- Consider using battery saver mode for longer rides.

Specifications

Attribute	Detail
Brand	Garmin

Attribute	Detail
Model Name	Edge 1040
Model Number	010-02503-00
Color	Black
Product Dimensions (LxWxH)	2.3" x 0.8" x 4.6"
Item Weight	4.4 Ounces
Screen Size	3.5 Inches
Battery Life	Up to 35 Hours (demanding use), 70 Hours (battery saver)
Battery Cell Composition	Lithium Polymer
Sensor Type	GPS Sensor, Speed Sensor (compatible with others)
Connectivity Technology	Bluetooth, USB
International Protection Rating	IP54
Human Interface Input	Buttons, Touchscreen
Material	Aluminum
UPC	753759279677

Warranty and Support

Warranty Information

The Garmin Edge 1040 comes with a **1-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For full warranty terms and conditions, please refer to the official Garmin website or the documentation included with your product.

Customer Support

For additional support, troubleshooting, or to download the full user manual, please visit the official Garmin support website. You can also find helpful resources and FAQs on the Garmin Connect app.
Official User Manual (PDF): Download Here

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