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> [Garmin Edge 550 GPS Cycling Computer User Manual](#)

Garmin Edge 550

Garmin Edge 550 GPS Cycling Computer User Manual

Comprehensive instructions for setup, operation, and maintenance.

1. INTRODUCTION

The Garmin Edge 550 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 display and button controls for intuitive operation. This manual provides detailed instructions to help you get the most out of your device.



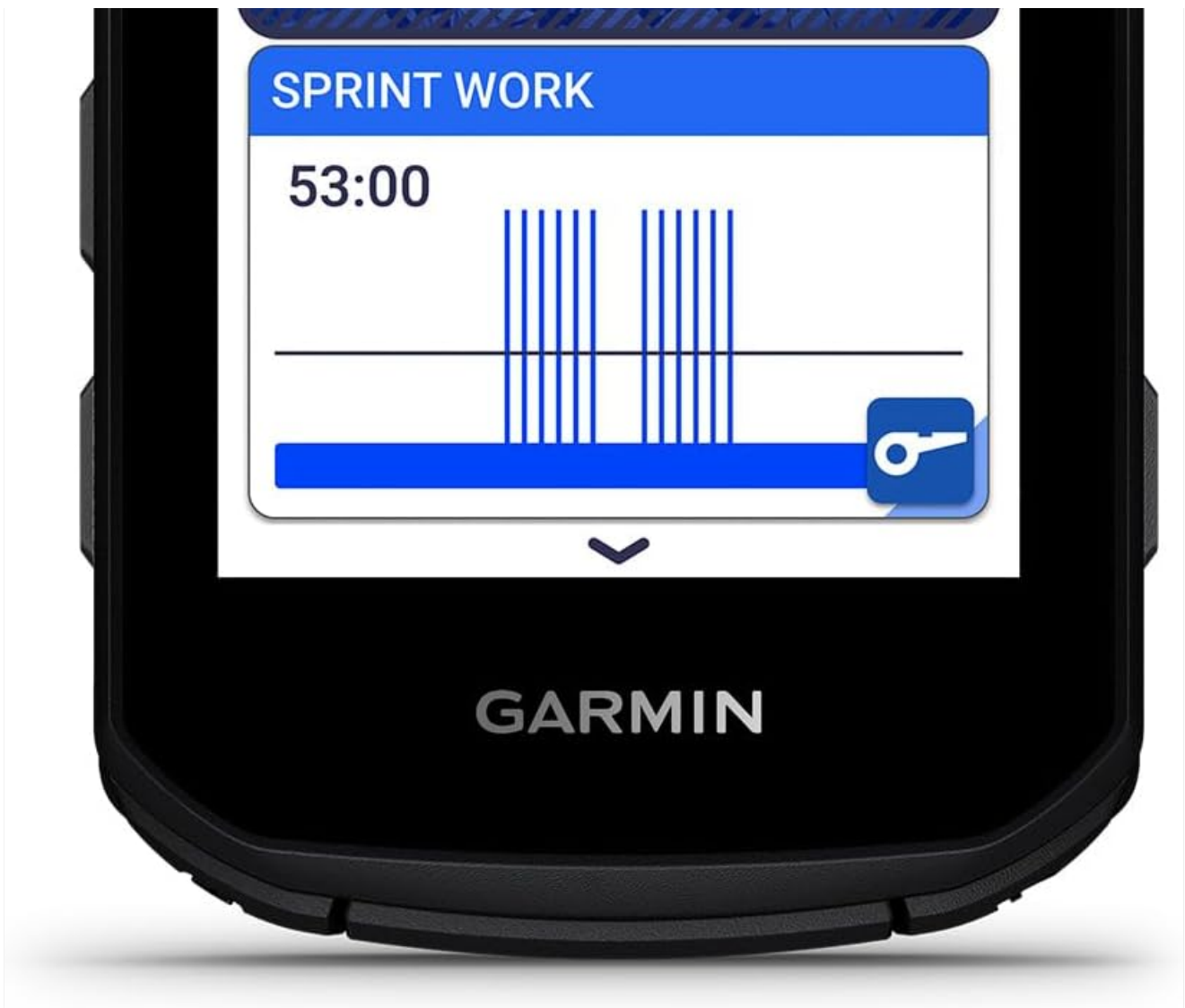


Image: Front view of the Garmin Edge 550 GPS Cycling Computer, displaying a "ROAD" activity screen with mileage and a "SPRINT WORK" graph.

2. WHAT'S IN THE BOX

Verify that all components are present in your product packaging:

- Edge 550 GPS cycling computer
- Flush out-front mount
- Standard mount
- Tether
- Charging/data cable
- Documentation

3. SETUP AND INSTALLATION

3.1 Charging the Device

Before initial use, fully charge your Edge 550. Connect the charging/data cable to the device and a USB power source. The battery icon on the display will indicate charging status. A full charge provides up to 12 hours of use in demanding scenarios or up to 36 hours in battery saver mode.

3.2 Mounting the Device

The Edge 550 includes both a flush out-front mount and a standard mount. Choose the mount that best suits your bicycle and riding preference.

1. Standard Mount Installation:

- Place the rubber pad on the back of the bike mount.
- Place the bike mount on the bicycle stem.
- Secure the mount using the two O-rings.
- Align the tabs on the back of the Edge 550 with the bike mount notches.
- Press down slightly and turn the Edge 550 clockwise until it locks into place.

2. Flush Out-Front Mount Installation:

- Choose a secure location on your handlebars.
- Use the provided hex wrench to attach the mount securely.
- Align the tabs on the back of the Edge 550 with the mount notches.
- Press down slightly and turn the Edge 550 clockwise until it locks into place.



¹In demanding use cases



MANAGE EFFORTS WITH
POWER GUIDE



UP TO 12 HOURS
OF BATTERY LIFE¹



FREE GARMIN COACH
TRAINING PLANS

Image: A gloved hand holding the Garmin Edge 550, illustrating its compact size and button controls. The screen displays a "Training" menu.

3.3 Initial Device Configuration

Upon first power-on, the device will guide you through initial setup, including language, time zone, and user profile information. Ensure accurate data entry for personalized training insights.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

Press and hold the power button (located on the side) to turn the device on or off. A short press will toggle the backlight.

4.2 Navigation and Menus

The Edge 550 uses physical buttons for navigation. Use the up/down buttons to scroll through menus and the enter button to select options. The back button returns to the previous screen.

4.3 Starting a Ride

1. From the home screen, select a profile (e.g., Road, Gravel, MTB).
2. Wait for GPS signal acquisition (indicated by a solid GPS icon).
3. Press the Start button to begin recording your ride.
4. Press the Stop button to pause or end the ride.

4.4 Using Preloaded Maps

The device comes with preloaded maps for road, gravel, and trails. To access navigation features:

- Select "Navigation" from the main menu.
- Choose a destination or a saved course.
- Follow the on-screen directions and turn-by-turn prompts.



STAY CONNECTED



**ELECTRONIC SHIFTING
CONNECTIVITY**



**STAY CONNECTED
WITH GROUPRIDE**



**INCIDENT DETECTION
FOR PEACE OF MIND¹**

¹When paired with your smartphone. Neither your device nor the Garmin Connect app contacts emergency services on your behalf. Do not rely on as a primary method to obtain emergency assistance.

Image: The Garmin Edge 550 mounted on bicycle handlebars, showing a detailed map with a highlighted route and navigation instructions.

4.5 Advanced Training Features

The Edge 550 offers advanced training and performance insights:

- **Smart Fueling Alerts:** Receive in-ride prompts to hydrate and refuel based on your fitness, course demands, heat, and humidity (requires compatible power meter and heart rate monitor).
- **Power Guide:** Manage your efforts with recommended power targets based on real-time stamina and wind.
- **Garmin Coach Training Plans:** Access personalized training plans that adapt to your performance and recovery.
- **Multi-band GPS:** For superior accuracy and position tracking.



SMALL IN SIZE. BIG ON PERFORMANCE.



**ADVANCED TRAINING
FEATURES**



VIVID COLOR DISPLAY



RIDE-SPECIFIC NAVIGATION

Image: Three cyclists on a road, with an inset showing the Garmin Edge 550 highlighting "Advanced Training Features", "Vivid Color Display", and "Ride-Specific Navigation".

4.6 Connectivity and Smart Features

Pair your Edge 550 with your compatible smartphone and the Garmin Connect™ app for enhanced features:

- **Road Hazard Alerts:** Receive alerts for hazards reported by other cyclists and contribute your own.

- **GroupRide:** Stay connected with in-ride messaging, live locations, and incident detection alerts.
- **LiveTrack:** Share your real-time location with loved ones.
- **Weather Radar:** Monitor weather conditions with radar and wind direction overlays.



GARMIN CONNECT™ APP

FREE APP TO TRACK, ANALYZE
AND SHARE YOUR RIDES



FOR SMARTPHONE, TABLET
OR DESKTOP

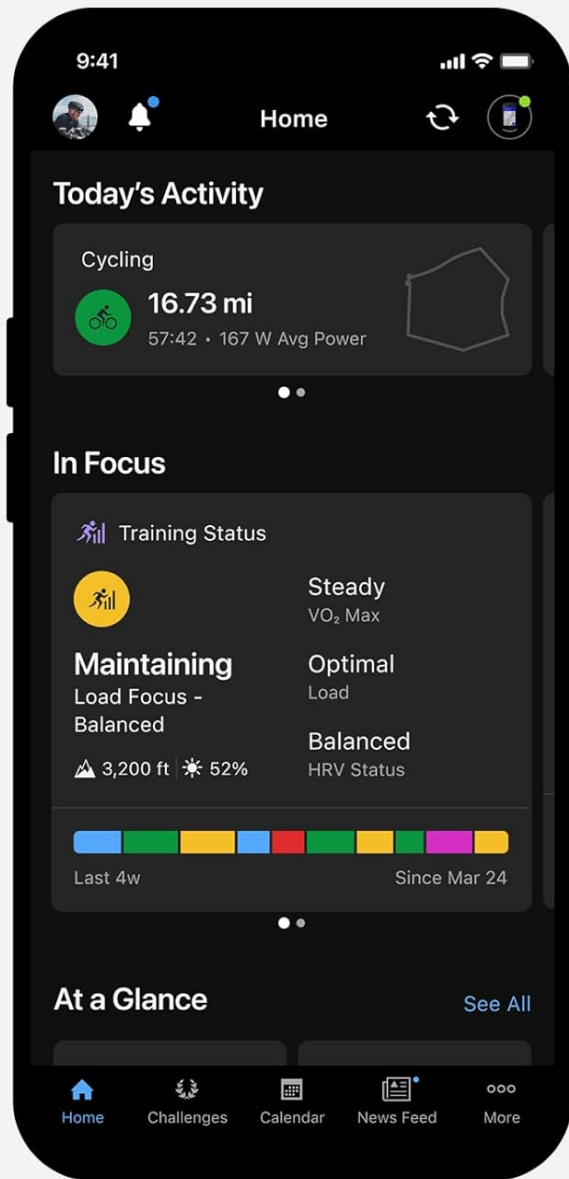


Image: The Garmin Edge 550 displaying screens for electronic shifting connectivity, group ride features, and an incident detection alert.

ACCESSORIES

GET THE MOST OUT OF
YOUR EDGE® 550 BY
ADDING ACCESSORIES



FORERUNNER® 970



VARIA™ RCT715



RALLY™ RK 110 | 210

Image: The Garmin Connect™ app logo and its interface displayed on a smartphone, showing activity tracking and training status.

Your browser does not support the video tag.

Video: An official Garmin video showcasing the features of the Garmin Edge 550 and Edge 850 GPS Cycling Computers, including navigation, training, and connectivity.

5. MAINTENANCE AND CARE

5.1 Cleaning the Device

Regularly clean your Edge 550 with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the device's finish or screen.

5.2 Battery Care

To prolong battery life, avoid exposing the device to extreme temperatures. Store the device in a cool, dry place when not in use. Recharge the battery periodically if storing for extended periods.

5.3 Software Updates

Connect your Edge 550 to your computer or the Garmin Connect app to check for and install software updates. Updates often include performance improvements and new features.

6. TROUBLESHOOTING

- **Device not turning on:** Ensure the device is fully charged. If the issue persists, try connecting it to a different USB power source.
- **GPS signal loss:** Ensure you are in an open area with a clear view of the sky. Avoid areas with tall buildings or dense tree cover.
- **Inaccurate data:** Verify that your user profile settings (weight, height, etc.) are correct. Ensure sensors (power meter, heart rate monitor) are properly paired and calibrated.
- **Connectivity issues (Bluetooth/Wi-Fi):** Ensure your smartphone's Bluetooth is enabled and the Garmin Connect app is running. For Wi-Fi, ensure the device is within range of a known network.
- **Battery draining quickly:** Reduce screen brightness, disable unnecessary features (e.g., Wi-Fi, Bluetooth) when not in use, and ensure the device has the latest software update.

For further assistance, refer to the official Garmin support website or contact customer service.

7. SPECIFICATIONS

Product Dimensions	0.7 x 2.1 x 3.6 inches
Item Weight	3.9 ounces
Model Number	010-03022-00
Batteries	1 Nonstandard Battery (included)
Operating System	Garmin OS
Connectivity Technologies	Bluetooth, USB, Wi-Fi
Human Interface Input	Buttons
Color	Black
Screen Size	2.7 Inches
Map Type	North America (preloaded)
Battery Life	Up to 12 hours (demanding use), up to 36 hours (battery saver mode)

8. WARRANTY AND SUPPORT

8.1 Product Warranty

Garmin products are warranted to be free from defects in materials or workmanship for one year from the date of purchase. Within this period, Garmin will, at its sole option, repair or replace any components that fail in normal use. Such repairs or replacement will be made at no charge to the customer for parts or labor, provided that the customer shall be responsible for any transportation cost.

8.2 Customer Support

For technical support, product registration, or to access additional resources, please visit the official Garmin support website:

www.garmin.com/support

You can also find FAQs, software updates, and contact information for your region on the support page.



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