

Garmin Oregon 450 Handheld GPS Navigator

Model: 010-00697-40

INTRODUCTION

The Garmin Oregon 450 is a rugged handheld GPS navigator designed for outdoor adventures. It features a 3-inch sunlight-readable color touchscreen display, ensuring clear visibility in various lighting conditions. Equipped with a high-sensitivity GPS receiver and HotFix satellite prediction, it quickly and precisely determines your position, even in challenging environments like heavy tree cover or deep canyons. The device includes a 3-axis tilt-compensated electronic compass and a barometric altimeter for accurate heading and elevation data.

The Oregon 450 supports paperless geocaching, 3-D elevation perspective, and Garmin Custom Maps, allowing you to transform paper and electronic maps into downloadable formats. It offers high-speed USB connectivity for efficient map transfers and supports wireless data sharing with compatible Garmin devices.



Figure 1: Garmin Oregon 450 Handheld GPS Navigator

WHAT'S IN THE BOX

Your Garmin Oregon 450 package includes the following items:

- Garmin Oregon 450 Handheld GPS Navigator
- World basemap (pre-installed)
- USB cable
- Quick start manual
- Note: 2 AA batteries are **not included** and must be purchased separately. NiMH or Lithium-ion batteries are recommended.

SETUP

1. Battery Installation

1. Locate the battery compartment cover on the back of the device.
2. Twist the D-ring counter-clockwise and lift the cover off.

3. Insert two AA batteries, observing the correct polarity (+ and -) as indicated inside the compartment.
4. Replace the battery cover and twist the D-ring clockwise to secure it.

2. Initial Power On

1. Press and hold the power button (located on the side or top of the device) until the screen turns on.
2. Follow the on-screen prompts to select your language and initial settings.
3. For optimal satellite acquisition, power on the device in an open area with a clear view of the sky.

OPERATING INSTRUCTIONS

1. Touchscreen Navigation

The Oregon 450 features an intuitive 3-inch touchscreen. Tap icons to select options, drag your finger to scroll through menus or pan maps, and use pinch-to-zoom gestures on maps where supported.

2. Main Menu Overview

From the main menu, you can access various functions:

- **Map:** View your current location on the map, pan, and zoom.
- **Where To?:** Search for destinations, waypoints, geocaches, or addresses.
- **Compass:** Use the 3-axis electronic compass for accurate heading, even when stationary.
- **Mark Waypoint:** Save your current location as a waypoint.
- **Trip Computer:** View trip data such as speed, distance traveled, and elevation.
- **Setup:** Customize device settings, including display, units, and system preferences.
- **Geocaches:** Access and manage geocache information.
- **Tracks:** Record and manage your travel tracks.
- **Routes:** Create and follow custom routes.

3. Satellite Acquisition

The device uses HotFix satellite prediction to quickly acquire satellites. Ensure you are in an open area for the first use or after traveling long distances. The satellite page (accessible via the main menu) shows the strength of received satellite signals.

MAINTENANCE

1. Cleaning the Device

Clean the device using a cloth dampened with a mild detergent solution. Wipe it dry. Avoid using chemical cleaners and solvents that can damage plastic components.

2. Waterproofing

The Oregon 450 is waterproof to IEC 60529 IPX7 standards, meaning it can withstand incidental exposure to water of up to 1 meter for 30 minutes. Ensure the battery compartment cover and any port covers are securely closed to maintain waterproofing.

3. Battery Care

Remove batteries if the device will not be used for several months. This prevents battery leakage and

potential damage to the unit.

TROUBLESHOOTING

- Device not powering on:** Check battery installation and ensure batteries are fresh or fully charged.
- Poor satellite reception:** Move to an open area with a clear view of the sky. Allow several minutes for the device to acquire satellites.
- Touchscreen unresponsive:** Ensure the screen is clean and dry. If the issue persists, try restarting the device.
- Maps not displaying correctly:** Verify that the correct map data is loaded and enabled in the device settings.

SPECIFICATIONS

Feature	Detail
Product Dimensions	1.4 x 2.3 x 4.5 inches
Item Weight	6.8 ounces (with batteries)
Manufacturer	Garmin
Item Model Number	010-00697-40
Batteries	2 AA batteries required (not included)
Screen Size	3 Inches
Special Features	Touchscreen, High-sensitivity GPS, 3-axis compass, Barometric altimeter, Wireless data sharing, Custom maps, High-resolution display
Connectivity Technology	USB
Map Type	Street; Topographical
Battery Life	Up to 16 Hours
Waterproof Standard	IEC 60529 IPX7

WARRANTY AND SUPPORT

For product support, please refer to the manufacturer's official website or contact their customer service. The following information pertains to returns and damaged items:

- Returns are accepted.
- Contact must be made within 3 days of delivery.
- Buyer pays return shipping.
- A 25% restocking fee applies unless the item is not as described.

- If the item arrives damaged or defective, please contact us for directions.
- Item MUST be returned with ALL original packaging and accessories. Refund will only be given upon inspection of the package. Any items that are missing will be deducted from the refund amount.
- For any questions, please contact us.