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Garmin 62St

Garmin GPSMAP 62St Handheld GPS Navigator User Manual

Model: GPSMAP 62St (010-00868-02)

Introduction

Welcome to your Garmin GPSMAP 62St. This manual provides essential instructions for setting up, operating, and maintaining your device. Please read this manual thoroughly to ensure proper use and to maximize the capabilities of your navigator.

The Garmin GPSMAP 62St is a rugged, waterproof handheld navigator designed for outdoor activities such as hiking, climbing, and geocaching. It features a 2.6-inch sunlight-readable color display, a 3-axis tilt-compensated electronic compass, and a barometric altimeter. The device comes with preloaded U.S. 100k topographic maps and a worldwide basemap with shaded relief. It also supports Custom Maps and BirdsEye Satellite Imagery (subscription required) for enhanced mapping capabilities.

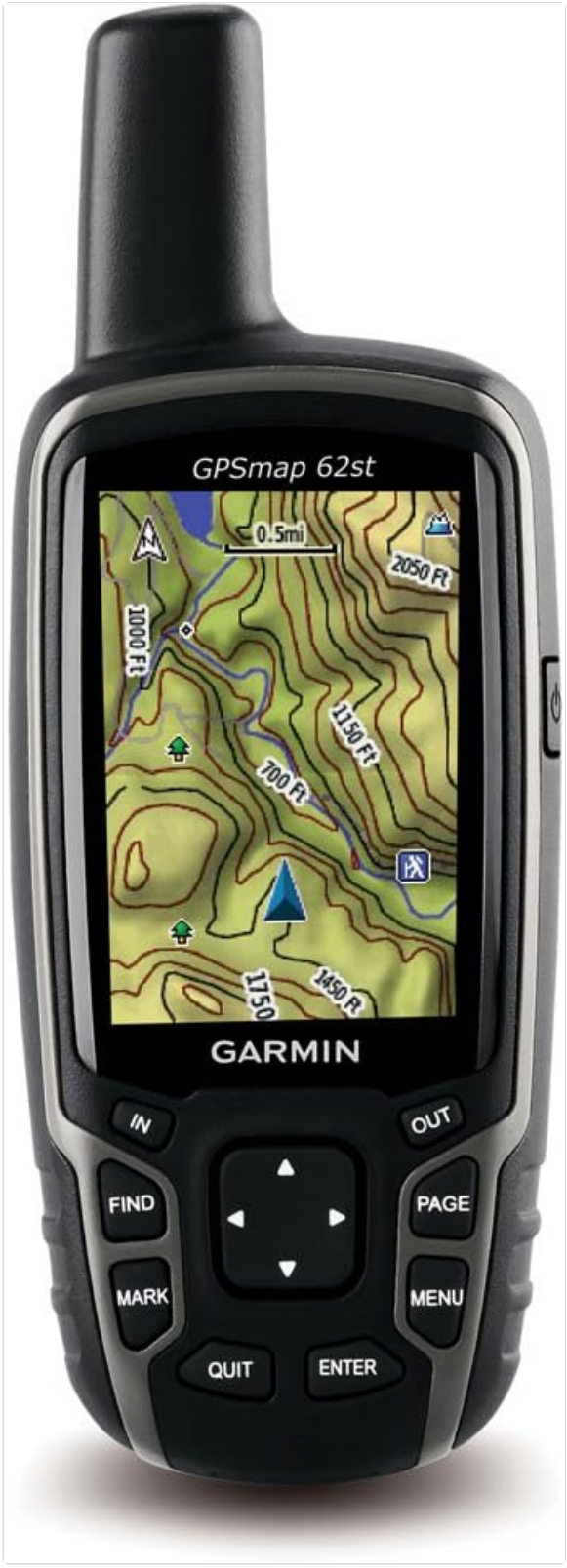
What's Included

Your Garmin GPSMAP 62St package should contain the following items:

- Garmin GPSMAP 62St Handheld Navigator
- USB Cable
- User Manual (this document)

Device Overview

Familiarize yourself with the physical components and controls of your GPSMAP 62St.



This image displays the front of the Garmin GPSMAP 62St, showing the 2.6-inch color display with a topographic map, and the main control buttons: IN, FIND, MARK, QUIT, ENTER, OUT, PAGE, MENU. The Garmin logo is visible below the screen.





This image shows the Garmin GPSMAP 62St from an angled perspective, highlighting the screen and the tactile buttons on the front panel.

The quad-helix antenna is visible at the top.





This image presents a side view of the Garmin GPSMAP 62St, clearly showing the power button located on the right side of the device.





This image shows the back of the Garmin GPSMAP 62St, featuring the battery compartment cover and the carabiner clip attachment point.

Buttons and Controls

- **Power Button**: Located on the right side. Press and hold to turn the device on or off. A brief press adjusts the backlight.
- **IN** / **OUT Buttons**: Used to zoom in and out on map displays.
- **FIND Button**: Accesses search functions for waypoints, tracks, routes, geocaches, and other points of interest.
- **MARK Button**: Marks your current location as a waypoint for future reference.
- **QUIT Button**: Returns to the previous page or cancels an ongoing action.
- **ENTER Button**: Selects an option or confirms an action within menus.
- **PAGE Button**: Cycles through the main navigation pages such as Map, Compass, Trip Computer, and Altimeter.
- **MENU Button**: Opens the options menu for the current page. Press twice to open the main menu.
- **Directional Pad**: Used to navigate through menus, pan the map, and adjust settings.

Setup

Battery Installation

The GPSMAP 62St operates on two AA batteries. Follow these steps to install them:

1. Locate the battery compartment on the back of the device.
2. Rotate the D-ring counter-clockwise and lift the battery cover.
3. Insert two AA batteries, ensuring correct polarity (+ and -) as indicated inside the compartment.
4. Replace the battery cover and rotate the D-ring clockwise to secure it firmly.

Powering On/Off

To turn the device on, press and hold the**Power** button until the screen illuminates.

To turn the device off, press and hold the**Power** button until a power-off prompt appears on the screen, then select "Power Off" using the **ENTER** button.

Initial Satellite Acquisition

For the first use, or if the device has been off for an extended period or moved a significant distance, it may take longer to acquire satellite signals.

- Ensure you are outdoors with a clear, unobstructed view of the sky.
- The device will automatically begin searching for satellites upon power-on.
- Remain stationary until a stable satellite lock is achieved.

Software Updates

Periodically checking for and installing software updates ensures your device has the latest features and optimal performance.

1. Connect the GPSMAP 62St to your computer using the supplied USB cable.
2. Visit the official Garmin website and download the Garmin Express application.
3. Follow the on-screen instructions within Garmin Express to check for and install any available software updates for your device.

Operating the Device

Main Pages

Press the **PAGE** button to cycle through the primary navigation pages:

- **Map Page**: Displays your current location, tracks, routes, and points of interest on a detailed map.
- **Compass Page**: Shows a navigational compass with bearing information, indicating your direction of travel.
- **Trip Computer Page**: Provides real-time trip data such as current speed, average speed, distance traveled, and time.
- **Altimeter Page**: Displays current elevation, ascent/descent rates, and a graph of elevation over time, along with barometric pressure trends.
- **Main Menu**: Provides access to all device functions, settings, and tools.

Navigation

To navigate to a specific destination:

1. From any page, press the **FIND** button.
2. Select a category for your destination (e.g., Waypoints, Geocaches, Cities, Addresses).
3. Choose your desired destination from the displayed list or use the search function to locate it by name.
4. Select "Go" to initiate navigation. The device will calculate a route and provide visual guidance on the map page, along with directional cues.

Using Maps

The GPSMAP 62St comes with preloaded U.S. 100k topographic maps and a worldwide basemap with shaded relief.

- Use the **IN** and **OUT** buttons to adjust the zoom level of the map display.
- Use the **Directional Pad** to pan across the map and view different areas.

Custom Maps and BirdsEye Satellite Imagery

The device supports Custom Maps, a feature that allows you to convert paper or electronic maps into a format usable on your GPS. Detailed instructions and tools for creating Custom Maps can be found on the official Garmin website.

BirdsEye Satellite Imagery (subscription required) enables you to download high-resolution satellite images directly to your device. These images integrate seamlessly with your existing maps, providing enhanced visual detail for navigation and exploration.

Compass and Altimeter

The GPSMAP 62St features a 3-axis tilt-compensated electronic compass, which provides accurate heading information regardless of how the device is held. This is particularly useful when stationary or moving slowly.

The integrated barometric altimeter provides precise elevation readings and can be calibrated for optimal accuracy. It also tracks changes in barometric pressure, which can be used to predict weather changes, making it a valuable tool for outdoor enthusiasts.

Maintenance

Cleaning the Device

To maintain the appearance and functionality of your GPSMAP 62St:

- Clean the device using a cloth lightly dampened with a mild detergent solution.
- Wipe the device dry immediately after cleaning.
- Avoid using chemical cleaners, abrasive materials, or solvents, as these can damage the plastic components and finish.

Storage

If you plan to store the device for an extended period, it is recommended to remove the batteries to prevent potential leakage and damage.

Store the device in a cool, dry place, away from direct sunlight, extreme temperatures, and corrosive environments.

Water Resistance

The GPSMAP 62St is designed to be waterproof. To ensure its water resistance, always make sure the battery cover is properly sealed and the USB port cover is securely closed. While waterproof, avoid prolonged submersion or exposure to high-pressure water jets.

Troubleshooting

This section addresses common issues you might encounter with your GPSMAP 62St.

Device Will Not Power On

- Verify that the batteries are inserted with the correct polarity (+ and -).
- Replace the batteries with a fresh set of AA batteries.
- Ensure the battery contacts inside the compartment are clean and free of corrosion.

Cannot Acquire Satellite Signals

- Ensure you are outdoors with a clear, unobstructed view of the sky.
- Move away from tall buildings, dense tree cover, or deep canyons that may block satellite signals.
- Allow sufficient time for initial satellite acquisition, especially if the device has been moved a long distance.
- Check for and install any available software updates, as these can improve GPS performance.

Inaccurate Readings (Compass/Altimeter)

- Calibrate the compass and altimeter according to the on-screen instructions provided by the device. Regular calibration ensures accuracy.
- For the altimeter, ensure the pressure sensor port is not obstructed or covered, allowing it to sense ambient air pressure accurately.

Short Battery Life

- Use high-quality alkaline or NiMH rechargeable batteries for optimal performance and longevity.
- Reduce the backlight brightness setting to conserve power.
- Disable unnecessary features, such as wireless connectivity, if they are not actively being used.
- If using rechargeable batteries, ensure they are fully charged before use.

Specifications

Detailed technical specifications for the Garmin GPSMAP 62St:

Feature	Detail
Model	GPSMAP 62St
Part Number	010-00868-02
Dimensions (H x W x D)	6.3 x 1.4 x 2.4 inches
Weight	9.2 ounces (with batteries)
Display Size	2.6 inches diagonal
Display Resolution	160 x 240 pixels
Display Type	Transflective, 65-K color TFT
Battery Type	2 AA batteries (NiMH or Lithium recommended)
Battery Life	Up to 20 hours
Water Rating	Waterproof
Interface	High-speed USB
Built-in Memory	3.5 GB
Preloaded Maps	U.S. 100k Topographic, Worldwide Basemap with shaded relief
Sensors	3-axis Tilt-compensated Electronic Compass, Barometric Altimeter
Special Features	Custom Maps compatible, BirdsEye Satellite Imagery support

Warranty Information and Customer Support

For detailed warranty information regarding your Garmin GPSMAP 62St, please refer to the warranty card included with

your product packaging. You can also find the most current warranty terms and conditions on the official Garmin website.

For technical assistance, product registration, software downloads, or to access additional support resources, please visit the Garmin support website or contact Garmin customer service directly. Contact information and support options are available on the Garmin website.

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