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Garmin 010-01918-00

Garmin GPSMAP 66s Instruction Manual

Rugged Multisatellite Handheld with Sensors, 3" Color Display

Introduction

The Garmin GPSMAP 66s is a premium, rugged handheld GPS device designed for outdoor enthusiasts. It provides reliable navigation and tracking capabilities in challenging environments, making it ideal for hiking, hunting, climbing, geocaching, kayaking, and mountain biking. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.

Setup

What's in the Box

- Garmin GPSMAP 66s Device
- Charging/Data Cable
- Documentation (this manual)

Initial Device Setup

Upon first use, the device will guide you through initial setup steps, including language selection. Ensure the device is charged before first use.



Figure 1: Front view of the Garmin GPSMAP 66s, highlighting the screen and button layout.

Battery Installation and Charging

The GPSMAP 66s uses Lithium Polymer batteries. To install or replace batteries, open the battery compartment cover located on the back of the device. Insert the batteries according to the polarity indicators. Close the cover securely to maintain water resistance.
Charge the device using the provided charging/data cable. Connect the cable to the device's USB port and to a power source (e.g., computer USB port or USB wall adapter). A full charge provides up to 36 hours of battery life, though actual battery life may vary based on usage and settings.

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Video 1: An overview of the Garmin GPSMAP 66s, demonstrating its features and rugged design. This video highlights the device's suitability for outdoor use and its key functionalities like GPS/GLONASS/GALILEO support and 3-inch color display.

Operating Instructions

Powering On/Off

Press and hold the **Power** button (usually located on the side or top) to turn the device on or off.

Navigating the Interface

The GPSMAP 66s features a 3-inch sunlight-readable color display and physical buttons for navigation. Use the directional pad (up, down, left, right) to move through menus and maps. The **ENTER** button confirms selections, and the **QUIT** button returns to the previous screen or cancels an action.

- **FIND**: Access search functions for waypoints, geocaches, tracks, and routes.
- **MARK**: Create a new waypoint at your current location.
- **MENU**: Open the main menu or context-sensitive options.
- **PAGE**: Cycle through different data screens (e.g., Map, Compass, Trip Computer).
- **+/-**: Zoom in or out on the map screen.

GPS and Satellite Acquisition

The device supports multiple Global Navigation Satellite Systems (GNSS), including GPS, GLONASS, and GALILEO, for enhanced accuracy and faster satellite acquisition, even in challenging environments like deep canyons or dense forests. Ensure you have a clear view of the sky for optimal performance.

Using Preloaded Maps and BirdsEye Satellite Imagery

The GPSMAP 66s comes with preloaded TOPO U.S. and Canada maps. Additionally, it offers access to BirdsEye Satellite Imagery with direct-to-device downloads and no annual subscription. This allows you to view high-resolution satellite images directly on your device, providing detailed terrain and landscape information for better navigation and planning.

Connectivity Features

The device features expanded wireless connectivity (Bluetooth and Wi-Fi) to support various functions:

- **Active Weather:** Receive up-to-date forecasts and animated weather radar overlays directly on your map screen.
- **Geocaching Live:** Sync and update geocaches directly from Geocaching.com.
- **Garmin Explore™ App:** Connect your device to the Garmin Explore app on your smartphone to manage tracks, routes, and waypoints from the field. This allows for easy planning, review, and sharing of your outdoor adventures.

Maintenance

Cleaning the Device

Wipe the device with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the display or casing.

Battery Care

To maximize battery life and ensure proper function, always use the recommended Lithium Polymer batteries. If the device will not be used for an extended period, remove the batteries to prevent leakage. Note that the device requires external charging of the batteries; they cannot be charged while inside the unit.

Software Updates

Periodically check for software updates from Garmin to ensure optimal performance, new features, and bug fixes. Updates can typically be performed by connecting the device to a computer with Garmin Express software or via Wi-Fi if available on your model.

Troubleshooting

Device Not Powering On

- Ensure batteries are correctly installed and fully charged.
- Try replacing batteries with a fresh set.
- Verify the power button is not stuck or damaged.

Poor GPS Signal or Accuracy

- Move to an open area with a clear view of the sky, away from tall buildings, dense tree cover, or large metal objects.
- Ensure the device's antenna is not obstructed.
- Allow sufficient time for the device to acquire satellites, especially after being off for a long period or moved a significant distance.

Device Freezing or Unresponsive

- Perform a soft reset by removing and reinserting the batteries.
- Ensure the device has the latest software update.
- If issues persist, consider performing a factory reset (refer to the full user manual for instructions, as this will erase user data).

Connectivity Issues (Bluetooth/Wi-Fi)

- Ensure Bluetooth/Wi-Fi is enabled on both the GPSMAP 66s and the connected device (e.g., smartphone).
- Move the devices closer to each other.
- Restart both devices.
- Unpair and re-pair the devices if necessary.

Specifications

Feature	Detail
Product Dimensions	6.4 x 1.4 x 2.5 inches (16.26 x 3.56 x 6.35 cm)
Item Weight	1.76 ounces (50 grams)

Model Number	010-01918-00
Batteries	Lithium Polymer batteries required (external charging)
Battery Life	Up to 36 Hours
Display Size	3 inches (7.62 cm)
Display Type	Sunlight-readable color display
GPS Support	Multiple Global Navigation Satellite Systems (GNSS) including GPS, GLONASS, GALILEO
Sensors	Three-axis compass, Barometric altimeter
Connectivity	Bluetooth, Wireless (Wi-Fi)
Preloaded Maps	TOPO U.S. and Canada maps
Special Features	BirdsEye Satellite Imagery (direct-to-device downloads), Active Weather, Geocaching Live, Garmin Explore App compatibility
Color	Graphite
Manufacturer	Garmin

Warranty and Support

For warranty information, technical support, or additional resources, please visit the official Garmin website or contact Garmin customer service. Keep your purchase receipt as proof of purchase for warranty claims.
You can find more information and support at theGarmin Store on Amazon.

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