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› [Magellan](#) /

› Magellan SporTrak Map Waterproof Hiking GPS User Manual

Magellan SporTrak Map

Magellan SporTrak Map Waterproof Hiking GPS User Manual

Model: SporTrak Map (980616-01)

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Magellan SporTrak Map Waterproof Hiking GPS. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

The Magellan SporTrak Map is a robust and reliable GPS receiver designed for outdoor navigation. It features a 12-channel WAAS-enabled GPS receiver, built-in basemap, and expandable memory for detailed mapping.

PRODUCT OVERVIEW



Image: The Magellan SporTrak Map GPS unit (right), its protective carrying case (left), and the data cable for connecting to a computer (bottom center). The GPS unit features a monochrome display and a 9-key keypad for navigation and data entry.

The SporTrak Map unit is designed for durability and ease of use in various outdoor conditions. Key components include:

- **GPS Unit:** The main handheld device with display and controls.
- **Protective Case:** A soft case designed to protect the unit from impacts and scratches.
- **Data Cable:** Used for connecting the GPS unit to a computer for map downloads and data transfer.

SETUP

1. Battery Installation

The SporTrak Map operates on two AA batteries. For optimal performance, use high-quality alkaline or rechargeable NiMH batteries.

1. Locate the battery compartment cover on the back of the unit.
2. Slide or unlatch the cover to open.
3. Insert two AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Securely close the battery compartment cover to maintain the unit's waterproof seal.

2. Initial Power On and Satellite Acquisition

After installing batteries, press and hold the **POWER** button to turn on the unit.

- The unit will display a startup screen.

- Move to an open outdoor area with a clear view of the sky for the first satellite acquisition.
- The unit will automatically begin searching for GPS satellites. This process may take several minutes for the first fix.
- Once satellites are acquired, your current position will be displayed.

3. Basic Settings Configuration

Access the main menu to configure essential settings such as units of measure, time zone, and display preferences.

- Navigate through the menu using the directional keypad and **ENTER** button.
- Refer to the "Operating" section for detailed navigation instructions.

OPERATING INSTRUCTIONS

Keypad Functions

The SporTrak Map features a 9-key keypad for intuitive control:

- **POWER:** Turns the unit on/off.
- **MENU:** Accesses the main menu and context-sensitive options.
- **ZOOM IN/OUT:** Adjusts map scale.
- **ENTER:** Confirms selections.
- **NAV:** Toggles navigation screens.
- **GOTO:** Initiates navigation to a waypoint or point of interest.
- **MARK:** Marks current location as a waypoint.
- **Directional Pad:** Navigates menus and moves the map cursor.

Navigation Basics

The SporTrak Map allows for various navigation methods:

- **Creating Waypoints:** Press **MARK** to save your current location. You can edit the waypoint name and symbol.
- **Navigating to a Waypoint:** Press **GOTO**, select a saved waypoint, and follow the on-screen directions.
- **Route Planning:** Create and save routes consisting of multiple waypoints. The unit will guide you sequentially through the route.
- **Track Back:** Use the BackTrack feature to retrace your steps, useful for finding your way back to a starting point.

Map Features

The unit comes with a 2 MB North American basemap. Additional detailed maps can be loaded using Magellan's MapSend software (sold separately) and the provided data cable.

- **Basemap:** Displays major highways, parks, and waterways.
- **Detailed Maps:** Load street-level maps, topographic maps, or marine charts into the 6 MB internal memory.
- **Map Screen:** Shows your current position, track log, waypoints, and routes. Use **ZOOM IN/OUT** to change the map scale.

MAINTENANCE

Cleaning the Unit

To clean the exterior of your SporTrak Map, use a soft, damp cloth. Avoid abrasive cleaners or solvents, as they may damage the casing or screen.

- Ensure the battery compartment is securely closed before cleaning to maintain waterproofing.
- For the screen, use a microfiber cloth to gently wipe away smudges.

Battery Care

Remove batteries if the unit will not be used for an extended period to prevent leakage and potential damage.

- Dispose of used batteries according to local regulations.
- Always use fresh batteries for critical navigation tasks.

Storage

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

- Using the provided protective case can help prevent scratches and minor impacts during storage and transport.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Dead or incorrectly installed batteries.	Replace batteries with fresh ones, ensuring correct polarity. Check battery compartment for corrosion.
Cannot acquire satellites.	Obstructed view of the sky; unit indoors; first fix taking time.	Move to an open outdoor area. Ensure no tall buildings or dense foliage are blocking the signal. Allow up to 15 minutes for initial acquisition.
Inaccurate position readings.	Poor satellite signal; WAAS not enabled or available.	Ensure clear sky view. Verify WAAS is enabled in settings (if available in your region). Allow unit to re-acquire satellites.
Unit freezes or becomes unresponsive.	Software glitch; low battery.	Remove and reinsert batteries to perform a soft reset. Ensure batteries are fresh. If problem persists, contact support.

SPECIFICATIONS

- Model Name:** SporTrak Map
- Model Number:** 980616-01
- Brand:** Magellan
- GPS Receiver:** 12-channel, WAAS enabled
- Basemap:** 2 MB North American (highways, parks, major waterways)
- Internal Memory:** 6 MB for additional map downloads
- Display:** Monochrome, 1.4 Inches (diagonal)
- Keypad:** 9-key
- Power Source:** 2 x AA batteries
- Battery Life:** Up to 14 hours (approximate)
- Water Resistance:** Waterproof (designed to float)

Dimensions (Package): 8.8 x 6 x 2.7 inches

Weight (Item): 1.65 pounds

Connectivity: Serial (for data transfer)

Special Features: CTS (Course to Steer), Elevation, Heading, XTE (Cross Track Error), VMG (Velocity Made Good), ETA (Estimated Time of Arrival), Distance, Bearing, BackTrack.

WARRANTY AND SUPPORT

Warranty Information

For specific warranty terms and conditions, please refer to the warranty card included with your product packaging or visit the official Magellan website. Keep your proof of purchase for warranty claims.

Customer Support

If you encounter issues not covered in the troubleshooting section or require further assistance, please contact Magellan customer support. Contact information can typically be found on the manufacturer's website or in the product packaging. You can also refer to the official [User Manual \(PDF\)](#) for additional details.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

