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> Garmin GPSMAP 78sc Marine GPS and Chartplotter User Manual

## Garmin GPSMAP 78sc

# Garmin GPSMAP 78sc Marine GPS and Chartplotter User Manual

Model: GPSMAP 78sc (Part No. 010-00864-02)

Brand: Garmin

## INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your Garmin GPSMAP 78sc 2.6-Inch Waterproof Marine GPS and Chartplotter. The GPSMAP 78sc series is designed for recreational navigation, featuring a bright 2.6-inch LCD color display, built-in basemap, and a high-sensitivity GPS receiver. All models are waterproof to IPX7 standards and float in water, making them suitable for boating and watersports. Key features include a built-in microSD card slot for additional maps and a dedicated Man Over Board (MOB) button.



Figure 1: Front view of the Garmin GPSMAP 78sc handheld marine GPS and chartplotter.

## PRODUCT OVERVIEW

### Key Features:

- Marine-friendly handheld with high-sensitivity GPS receiver and 2.6-inch color TFT display.
- Waterproof to IPX7 standards; floats in water.
- Built-in BlueChart g2 U.S./Bahamas coastal charts with shorelines, depth contours, nav aids, harbors, marinas, and more.
- Built-in 3-axis tilt-compensated electronic compass and barometric altimeter for heading, altitude, and weather information.
- Wireless sharing of waypoints, tracks, routes, and geocaches with other compatible devices.

### What's in the Box:

- GPSMAP 78sc device
- Wrist strap
- USB cable
- Manual





Figure 2: Angled view of the Garmin GPSMAP 78sc, highlighting its button interface.

## Product Videos:

### Garmin GPSmap 78 handheld GPS Overview

Your browser does not support the video tag.

This video provides a general overview of the Garmin GPSMAP 78 handheld GPS, demonstrating its features and design.

### Product Overview Video

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A concise product overview video from the seller, highlighting key aspects of the device.

## SETUP

### 1. Installing Batteries:

The GPSMAP 78sc operates on two AA batteries (not included). To install:

1. Locate the battery compartment cover on the back of the device.
2. Twist the D-ring counter-clockwise to unlock and remove the cover.
3. Insert two AA batteries, ensuring correct polarity (+ and -).
4. Replace the cover and twist the D-ring clockwise to secure it.





Figure 3: Back view of the Garmin GPSMAP 78sc, illustrating the battery compartment.

## 2. Powering On/Off:

Press and hold the **Power** button (located on the left side) to turn the device on or off. A short press will adjust the backlight.

### 3. Initial Settings:

Upon first use, the device may prompt you to set language, time zone, and other preferences. Follow the on-screen instructions using the directional pad and **ENTER** button.

## OPERATING

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### Navigation Basics:

- **Main Menu:** Press the **MENU** button twice to access the main menu.
- **Page Button:** Press **PAGE** to cycle through the main pages (Map, Compass, Trip Computer, etc.).
- **Directional Pad:** Use the directional pad to scroll through menus, pan the map, or adjust settings.
- **ENTER Button:** Press **ENTER** to select an item or confirm an action.
- **QUIT Button:** Press **QUIT** to return to the previous page or cancel an action.

### Creating Waypoints:

To mark your current location as a waypoint:

1. Press the **MARK** button.
2. Edit the waypoint name, symbol, and coordinates if desired.
3. Select **Done** or **Save** to store the waypoint.

### Man Over Board (MOB) Function:

In an emergency, press the **MOB** button to immediately mark the current location and initiate navigation back to that point. This feature is critical for safety in marine environments.

## MAINTENANCE

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### Cleaning the Device:

Wipe the device with a cloth dampened with a mild detergent solution. Dry thoroughly. Avoid using abrasive cleaners or solvents that could damage the device's finish or screen.

### Battery Care:

Always use fresh, high-quality AA batteries. If the device will not be used for an extended period, remove the batteries to prevent leakage and corrosion.

### Software Updates:

Periodically check the Garmin website for software updates to ensure optimal performance and access to the latest features. Updates can typically be installed by connecting the device to a computer via the USB cable.

## TROUBLESHOOTING

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### Device Not Powering On:

- Ensure batteries are correctly installed and fully charged.
- Try new batteries.
- Check battery contacts for corrosion.

### Poor GPS Signal:

- Ensure the device has a clear view of the sky.
- Avoid areas with tall buildings, dense foliage, or other obstructions.
- Allow sufficient time for the device to acquire satellites, especially after being off for a long period.

### Screen Unresponsive:

- Perform a soft reset by removing and reinserting the batteries.
- Ensure the screen is clean and free of debris.

## SPECIFICATIONS

Feature	Detail
Brand	Garmin
Model Name	GPSMAP
Model Number	010-00864-02
Screen Size	2.6 Inches
Display Type	LCD
Resolution	160 x 240 pixels
Waterproof Rating	IPX7 (floats)
Battery Life	20 Hours (typical)
Battery Type	2 AA batteries (not included)
Memory Storage Capacity	1 GB
Compatible Flash Memory Type	microSD
Supported Satellite Navigation System	GPS
Special Features	Rugged case, Barometric altimeter, Garmin Connect compatible, Electromagnetic compass, Garmin HotFix, Custom POIs, Automatic routing, Hunt/fish calendar, Geocaching, Photo navigation
Item Dimensions L x W x H	2.6"L x 1.2"W x 6"H
Item Weight	7.7 Ounces

## WARRANTY AND SUPPORT

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The Garmin GPSMAP 78sc comes with a 1 Year Limited Warranty. For detailed warranty information, product support, or service inquiries, please refer to the official Garmin website or contact Garmin customer service directly. The included manual also contains contact information and further support resources.

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