

GARMIN®



GPSMAP® 9500

Quick Start Manual

Introduction

⚠ WARNING

See the *Important Safety and Product Information* guide in the product box for product warnings and other important information.

All route and navigation lines displayed on the chartplotter are only intended to provide general route guidance or to identify proper channels, and are not intended to be precisely followed. Always defer to the nav aids and conditions on the water when navigating to avoid groundings or hazards that could result in vessel damage, personal injury, or death.

Connector View



①	Status LED
POWER	Power cable connection
NETWORK	Garmin BlueNet™ network ports
USB	USB-C® to connect a compatible Garmin® card reader ¹ .
HDMI IN 1	HDMI® input compatible with HDMI devices up to 4K at 60 fps
HDMI IN 2	HDMI input compatible with HDMI devices up to 4K at 30 fps
HDMI OUT	HDMI out to connect the chartplotter to a monitor. Required for device functionality.
	Power ground
	Power button
AUDIO	Audio out
USB DRD	Dual-Role-Data (DRD) USB-C that can be configured as either a host or a client.
CVBS IN	Composite video in
NMEA 2000	NMEA 2000® network
J1939	J1939 network

Home Screen

The home screen is an overlay that provides access to all of the features in the chartplotter. The features are dependent on the accessories you have connected to the chartplotter. You may not have all of the options and features discussed in this manual.

When viewing any screen, you can return to the home screen by selecting



①	Settings menu button
②	Features buttons
③	Present time, present depth, or autopilot control button
④	Category tabs
⑤	Closes the home screen and returns to the previously open page

The categories tabs provide quick access to the main features of your chartplotter. For example, the Sonar tab displays the views and screens related to the sonar feature. You can save items you commonly access to the Pinned category.

TIP: To view the available categories tabs, you may need to click and drag a tab to scroll left or right.

Menu Bar

The menu bar along the bottom of the screen provides access to many functions of the chartplotter, the options menu, and the home screen.



	Engages and disengages the autopilot
	Creates a waypoint at your location
	Opens a menu to access navigation features
①	Shows certain active function such as radar
	Opens the home screen
	TIP: Use the arrows to scroll through the Pinned features.
	This is shown when there are no active alerts or warnings to resolve.
	Opens a menu to view warnings and alerts and to access other communication such as AIS and DSC information.
	Replaces the when there is an active alert or warning to view.
	TIP: The icon changes color to indicate severity.
	Creates an SOS
	Allows you to add an overlay to the current page
	Opens the options menu

Pinning a Feature Button

You can add features, such as a chart, combo screen, or gauge to the Pinned category.

¹ An adapter cable (010-12390-13) may be required when connecting an external card reader to this port.

NOTE: If your chartplotter has been customized by the boat manufacturer, the Pinned category contains customized items for your boat. You cannot edit the Pinned category.

- 1 Select a category, such as **Charts**.
- 2 Hold a feature button, such as **Nav. Chart**.
- 3 Select **Add to Pinned > OK**.

The feature is added to the Pinned category.

To see the Pinned items, select a Pinned item, and swipe to the left or right.

To remove a feature from the Pinned category, press and hold the feature to remove, select **Remove Pin > Yes**.

Inserting a Memory Card

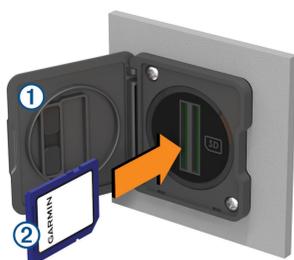
NOTE: The memory card reader is not included with the chartplotter. It is sold as a separate accessory. You can connect a USB memory card reader to the chartplotter, or you can connect the chartplotter to a Garmin BlueNet network or Garmin Marine Network with another chartplotter model that has a built-in memory card slot.

You can use optional memory cards with the chartplotter

- You can use chart memory cards to add or enhance detailed charts (*Detailed Charts*, page 5).
- You can use blank memory cards to record Garmin Quickdraw™ Contours mapping, record sonar (with a compatible transducer), transfer data such as waypoints and routes to another compatible chartplotter or a computer, and use the ActiveCaptain® app.

The external USB card reader supports up to a 1 TB SD® memory card, formatted to exFAT with speed class 10 or higher.

- 1 Open the door ① on the memory card reader.



- 2 Insert the memory card ② with the label facing away from the door.
- 3 Press the card in until it clicks.
- 4 Clean and dry the gasket and door.

NOTICE

To prevent corrosion, be sure the memory card, gasket, and door are thoroughly dry before closing the door.

- 5 Close the card reader door.

Adjusting the Backlight

- 1 Select **⚙ > System > Sounds and Display > Backlight**.
- 2 Adjust the backlight.

TIP: From any screen, press **⏮** repeatedly to scroll through the brightness levels. This can be helpful when the brightness is so low you cannot see the screen.

Basic Operation

Marking Your Present Location as a Waypoint

From any screen, select **Mark**.

Creating a Waypoint on the Sonar Screen

- 1 From a sonar view, pause the sonar display.
- 2 If necessary, scroll through the sonar display history until you find the location where you want to create a waypoint.
- 3 Select a location on the sonar view where you want to create the waypoint.
- 4 Select **📍**.
- 5 If necessary, edit the waypoint information.

Creating a Waypoint on the Chart

- 1 From a chart, select a location or object.
- 2 Select **📍**.

Marking a Man Overboard or Other SOS Location

You must connect a VHF radio to the chartplotter before you can use the chartplotter to initiate SOS calls.

You can use the chartplotter to mark a man overboard or SOS location and immediately begin navigating to the marked location. If you have a VHF radio connected to the chartplotter, you can also broadcast the SOS information.

If you have a compatible inReach® device connected to the chartplotter, you can initiate an inReach SOS and communicate with the Garmin Response™ team while you wait for help to arrive.

- 1 Select **SOS**.
- 2 Select **Man Overboard** or the SOS type.
- 3 If necessary, select **Yes** to navigate to the SOS location.

If you selected Yes, the chartplotter sets a direct course back to the location.

The call details are sent to the VHF radio. You must send the call using the radio.

Navigating to a Point on the Chart

⚠ WARNING

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- 1 From the Navigation chart or Fishing chart, select a location.
- 2 If necessary, select **Navigate To**.
- 3 Select an option:
 - To navigate directly to the location, select **Go To** or **📍**.
 - To create a route to the location, including turns, select **Route To** or **📍**.
 - To use Auto Guidance, select **Auto Guidance** or **📍**.

NOTE: Auto Guidance is available with premium charts, in some areas.

- 4 Review the course indicated by the magenta line.

NOTE: When using Auto Guidance, a gray segment within any part of the magenta line indicates that Auto Guidance cannot calculate part of the Auto Guidance line. This is due to the settings for minimum safe water depth and minimum safe obstacle height.

- 5 Follow the magenta line, steering to avoid land, shallow water, and other obstacles.

Copying All User Data to a Memory Card

You can save all of the user data on the device to a memory card to transfer to other devices. User data includes waypoints, routes, Auto Guidance paths, tracks, and boundaries.

- 1 Insert a memory card into the card slot.
- 2 Select **Where To > Manage User Data > Data Transfer > Save All to Card**.
- 3 If necessary, select the memory card to copy the data to.
- 4 Select an option:
 - To create a new file, select **Add New File**, and enter a name.
 - To add the information to an existing file, select the file from the list, and select **Save to Card**.

Showing Tracks

- 1 From a chart, select **Options > Layers > Manage User Data > Tracks**.
- 2 Select the tracks to display.

A trailing line on the chart indicates your track.

Configuring the Recording Interval of the Track Log

You can indicate the frequency at which the track plot is recorded. Recording more frequent plots is more accurate but fills the track log faster. The resolution interval is recommended for the most efficient use of memory.

- 1 Select **Where To > Tracks > Active Track Options > Interval > Interval**.
- 2 Select an option:
 - To record the track based on a distance between points, select **Distance > Change**, and enter the distance.
 - To record the track based on a time interval, select **Time > Change**, and enter the time interval.
 - To record the track plot based on a variance from your course, select **Resolution > Change**, and enter the maximum error allowed from the true course before recording a track point. This is the recommended recording option.

ActiveCaptain App

WARNING

This feature allows users to submit information. Garmin makes no representations about the accuracy, completeness, or timeliness of information submitted by users. Any use or reliance on the information submitted by users is at your own risk.

The ActiveCaptain app provides a connection to your GPSMAP chartplotter, maps and charts, and

the ActiveCaptain community for a connected boating experience.

On your mobile device with the ActiveCaptain app, you can download, purchase, and update maps and charts. You can use the app to easily and quickly transfer user data, such as waypoints and routes, connect to the Garmin Quickdraw Contours Community, update device software, and plan your trip. You can also control the GPSMAP chartplotter from the app using the Garmin Helm™ feature.

The app can push smart notifications, such as calls and texts, to your chartplotter display when paired.

Getting Started with the ActiveCaptain App

You can connect a mobile device to the GPSMAP device using the ActiveCaptain app. The app provides a quick and easy way for you to interact with your GPSMAP device and complete such tasks as sharing data, registering, updating the device software. When configured, you can also receive mobile device notifications.

- 1 From the GPSMAP device, select **Vessel > ActiveCaptain**.
- 2 From the **ActiveCaptain** page, select **Wi-Fi Network > Wi-Fi > On**.
- 3 Enter a name and password for this network.
- 4 Insert a memory card in the GPSMAP device's card slot.
- 5 Select **Set ActiveCaptain Card**.

NOTICE

You might be prompted to format the memory card. Formatting the card deletes all information saved on the card. This includes any saved user data, such as waypoints. Formatting the card is recommended, but not required. Before formatting the card, you should save the data from the memory card onto the device internal memory.

Be sure the card is inserted each time you want to use the ActiveCaptain feature.

- 6 From the application store on your mobile device, install and open the ActiveCaptain app.

TIP: You can scan this QR code using your mobile device to download the app.
- 7 Bring the mobile device within 32 m (105 ft.) of the GPSMAP device.
- 8 From your mobile device settings, open the Wi-Fi® connections page, and connect to the GPSMAP device, using the name and password you entered in step 3.



For more information about the ActiveCaptain app and features, see the Owner's Manual at garmin.com/manuals/GPSMAP9500 or watch a video at garmin.com/ActiveCaptainVideo.

Enabling Smart Notifications

WARNING

Do not read or reply to notifications while operating the vessel. Failure to pay attention to the conditions on the

water can result in vessel damage, personal injury, or death.

Before your GPSMAP device can receive notifications, you must connect it to your mobile device and to the ActiveCaptain app.

- 1 From the GPSMAP device, select **ActiveCaptain > Smart Notifications > Enable Notifications**.
- 2 Turn on Bluetooth® technology in the mobile device settings.
- 3 Bring the devices within 10 m (33 ft.) of each other.
- 4 From the ActiveCaptain app on the mobile device, select **Smart Notifications > Pair with Chartplotter**.
- 5 Follow the on-screen instructions to pair the app to the GPSMAP device.
- 6 When prompted, enter the key on your mobile device.
- 7 If necessary, adjust which notifications you receive in your mobile device settings.

Updating Software with the ActiveCaptain App

If your device has Wi-Fi technology, you can use the ActiveCaptain app to download and install the latest software updates for your device.

NOTICE

Software updates may require the app to download large files. Regular data limits or charges from your Internet service provider apply. Contact your Internet service provider for more information about data limits or charges.

The installation process can take several minutes.

- 1 Connect the mobile device to the GPSMAP device.
- 2 When a software update is available and you have internet access on your mobile device, select **Software Updates > Download**.
The ActiveCaptain app downloads the update to the mobile device. When you reconnect the app to the GPSMAP device, the update is transferred to the device. After the transfer is complete, you are prompted to install the update.
- 3 When you are prompted by the GPSMAP device, select an option to install the update.
 - To update the software immediately, select **OK**.
 - To delay the update, select **Cancel**. When you are ready to install the update, select **ActiveCaptain > Software Updates > Install Now**.

Detailed Charts

This chartplotter is compatible with the latest Garmin Navionics+™ cartography and additional premium chart features. You can obtain these charts in three ways:

- You can purchase a chartplotter with preloaded detailed charts.
- You can purchase chart regions on a memory card from your Garmin dealer or from garmin.com.
- You can purchase chart regions in the ActiveCaptain app, and download them to your chartplotter.

NOTE: You must activate preloaded charts and charts purchased on a memory card using the ActiveCaptain app before you can access the full chart features on your chartplotter.

Activating a Marine Chart Subscription

Before you can use the full features of Garmin Navionics+ charts that are preloaded on your device or purchased on a memory card, you must activate your subscription using the ActiveCaptain app.

Your subscription allows you to access the latest chart updates and additional content included with your purchase.

- 1 If you purchased charts on a memory card, insert the card into a memory card slot on the chartplotter or Garmin memory card reader.
- 2 Open the ActiveCaptain app on your mobile device, and connect it to the chartplotter (*Getting Started with the ActiveCaptain App*, page 4).
- 3 After the ActiveCaptain app connects to the chartplotter, make sure your mobile device is connected to the internet.
- 4 In the ActiveCaptain app, select **Chart > ≡ > My Charts**, and verify that an active subscription for the charts is shown in the list.
- 5 If necessary, connect the ActiveCaptain app to the chartplotter to complete the activation process.

The ActiveCaptain app activates the subscription automatically after it connects to the internet and then to the chartplotter. The ActiveCaptain app shows the subscription status in the My Charts list.

NOTE: It might take a few hours to verify the new subscription.

More Information

Accessing Owner's Manuals on the Chartplotter

- 1 Select **⚙ > Owner's Manual**.
- 2 Select a manual.
- 3 Select **Open**.

Accessing the Manuals from the Web

You can get the latest owner's manual and translations of manuals from the Garmin website. The owner's manual includes instructions for using device features and accessing regulatory information.

- 1 Go to garmin.com/manuals/GPSMAP9500.
- 2 Select the *Owner's Manual*.

Garmin Support Center

Go to support.garmin.com for help and information, such as product manuals, frequently asked questions, videos, software updates, and customer support.

support.garmin.com

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