

GPSMAP® 8000 Series Quick Start Manual



Introduction

WARNING

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



GPSMAP 8000 Series Front View

The location of items varies based upon the model. This image and table are representations of the GPSMAP 8000 series devices.






| | |
|---|----------------------------|
| ① | Power key |
| ② | Automatic backlight sensor |
| ③ | Touchscreen |

Tips and Shortcuts

- Select **Home** from any screen to return to the Home screen.
- Select **Menu** from any main screen to access additional settings about that screen.
- Press  to adjust the backlight and lock the touchscreen.
- Hold  to turn the chartplotter on or off.

GPS Satellite Signals

When you turn on the chartplotter, the GPS receiver must collect satellite data and establish the current location. When the chartplotter acquires satellite signals,  appears at the top of the Home screen. When the chartplotter loses satellite signals,  disappears and a flashing question mark appears over  on the chart.

For more information about GPS, go to www.garmin.com/aboutGPS.

Using the Touchscreen


- Tap the screen to select an item.
- Drag or swipe your finger across the screen to pan or scroll.
- Pinch two fingers together to zoom out.
- Spread two fingers apart to zoom in.

Locking the Touchscreen

You can lock the touchscreen to prevent inadvertent screen touches.

- 1 Select .
- 2 Select **Lock Touchscreen**.

Adjusting the Backlight

- 1 Select **Settings > System > Display > Backlight**.
TIP: Press  from any screen to access the backlight settings.
- 2 Select an option:
 - Adjust the backlight level.
 - Select **Enable Auto Backlight** or **Auto**.


Adjusting the Color Mode

- 1 Select **Settings > System > Display > Color Mode**.


- 2 Select an option.

Inserting a Memory Card

You can use optional memory cards in the chartplotter. Map cards allow you to view high-resolution satellite imagery and aerial reference photos of ports, harbors, marinas, and other points of interest. You can use blank memory cards to transfer data such as waypoints, routes, and tracks to another compatible Garmin chartplotter or a computer.

- 1 Open the door  on the memory card reader.



- 2 Insert the memory card  with the label facing away from the door.
- 3 Press the card in until it clicks.
- 4 Close the card reader door.

Waypoints

Waypoints are locations you record and store in the device.

Marking Your Present Location as a Waypoint

From any screen, select **Mark**.

Creating a Waypoint at a Different Location

- 1 Select **Nav Info > Manage Data > Waypoints > Create Waypoint**.
- 2 Select an option:
 - To create the waypoint by entering position coordinates, select **Enter Coordinates**, and enter the coordinates.
 - To create the waypoint using a chart, select **Use Chart**, select the location, and select **Move Waypoint**.

Marking and Navigating to an MOB Location

When you mark a waypoint, you can designate it as a man overboard (MOB) location.

Select an option:

- From any screen, select **Mark > Man Overboard > Yes**.
- From any screen, select **Man Overboard > Yes**.

An international MOB symbol marks the active MOB point and the chartplotter sets a direct course back to the marked location.

Navigation

Navigating to a Point on the Chart

CAUTION

The Auto Guidance feature is based on electronic chart information. That data does not ensure obstacle and bottom clearance. Carefully compare the course to all visual sightings, and avoid any land, shallow water, or other obstacles that may be in your path.

When using Go To, a direct course and a corrected course may pass over land or shallow water. Use visual sightings, and steer to avoid land, shallow water, and other dangerous objects.

NOTE: The offshore Fishing chart is available with premium charts, in some areas.

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

- 1 From the Navigation chart or Fishing chart, select a location.

- 2 If necessary, select **Select**.
- 3 Select **Navigate To**.
- 4 Select an option:
 - To navigate directly to the location, select **Go To**.
 - To create a route to the location, including turns, select **Route To**.
 - To use Auto Guidance, select **Guide To**.
- 5 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.
- 6 Follow the magenta line, steering to avoid land, shallow water, and other obstacles.

Creating and Navigating a Route From Your Present Location

You can create and immediately navigate a route on the Navigation chart or the Fishing chart. This procedure does not save the route or the waypoint data.

NOTE: The offshore Fishing chart is available with premium charts, in some areas.

- 1 From the Navigation chart or Fishing chart, select a destination.
- 2 Select **Navigate To > Route To**.
- 3 Select the location of the last turn before the destination.
- 4 Select **Add Turn**.
- 5 If necessary, repeat step 3 and 4 to add additional turns, working backward from the destination to the present location of your vessel.

The last turn you add should be the first turn you make, starting from your present location. It should be the turn closest to your vessel.
- 6 If necessary, select **Menu**.
- 7 Select **Navigate Route**.
- 8 Review the course indicated by the magenta line.
- 9 Follow the magenta line, steering to avoid land, shallow water, and other obstacles.

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