GARMIN

GPSMAP® 64
Quick Start Manual

Getting Started

Device Overview

①	Internal GPS/GLONASS antenna
②	Keys
③	Power key
④	Mini-USB port (under weather cap)
⑤	MCX connector for GPS antenna (under weather cap)
⑥	microSD™ card slot (under batteries)
⑦	Battery compartment
⑧	Mounting spine
⑨	Battery cover D-ring

NOTE: The MCX connector is included on GPSMAP 64s and GPSMAP 64st models only.

Battery Information

NOTICE

Alkaline batteries lose a significant amount of their capacity as the temperature decreases. Use lithium batteries when operating the device in below freezing conditions.

Installing the NiMH Battery Pack

The device operates using the optional NiMH battery pack (purchased separately) or two AA batteries (Installing Batteries).

1 Turn the D-ring counter-clockwise, and pull up to remove the cover.
2 Locate the battery pack ①.

3 Insert the battery pack, observing polarity.
4 Gently press the battery pack into place.
5 Replace the battery cover, and turn the D-ring clockwise.

Charging the Battery Pack

NOTICE

To prevent corrosion, thoroughly dry the mini-USB port, the weather cap, and the surrounding area before charging or connecting to a computer.

Do not attempt to use the device to charge a battery that was not provided by Garmin®. Attempting to charge a battery that was not provided by Garmin can damage the device and void the warranty.

Before you can connect the straight connector of the USB cable to your device, you may have to remove optional mount accessories.

NOTE: The battery will not charge when outside the temperature range of 32° to 122°F (0° to 50°C).

You can charge the battery using a standard wall outlet or a USB port on your computer.

1 Pull up the weather cap ① from the mini-USB port ②.

2 Plug the small end of the USB cable into the mini-USB port.
3 Plug the USB end of the cable into the AC adapter or a computer USB port.
4 Plug the AC adapter into a standard wall outlet.
   When you connect the device to a power source, the device turns on.
5 Charge the battery completely.

Installing Batteries

The handheld device operates using two AA batteries (not included). Use NiMH or lithium batteries for best results.

1 Turn the D-ring counter-clockwise, and pull up to remove the cover.
2 Insert two AA batteries, observing polarity.

3 Replace the battery cover, and turn the D-ring clockwise.

4 Hold ⏻.

5 Select **Setup** > **System** > **AA Battery Type**.

6 Select **Alkaline**, **Lithium**, **Traditional NiMH**, or **Precharged NiMH**.

Turning On the Device

Hold ⏻.

Acquiring Satellite Signals

It may take 30 to 60 seconds to acquire satellite signals.

1 Go outdoors to an open area.

2 If necessary, turn on the device.

3 Wait while the device searches for satellites.

A question mark flashes while the device determines your location.

4 Select ⏻ to open the status page.

▮▮▮ shows the GPS/GLONASS signal strength.

When the bars are green, the device has acquired satellite signals.

Keys

FIND	Select to open the search menu.
MARK	Select to save your current location as a waypoint.
QUIT	Select to cancel or return to the previous menu or page.
ENTER	Select to select options and acknowledge messages.
MENU	Select to open the options menu for the page that is currently open. Select twice to open the main menu (from any page).
PAGE	Select to scroll through the main pages.
▲▼◄►	Select ▲, ▼, ◄, or ► to select menu options and move the map cursor.
IN	Select to zoom in on the map.
OUT	Select to zoom out on the map.

Navigation

Waypoints

Waypoints are locations you record and store in the device.

Creating a Waypoint

You can save your current location as a waypoint.

1 Select **MARK**.

2 If necessary, select a field to make changes to the waypoint.

3 Select **Done**.

Navigating to a Waypoint

1 From the main menu, select **FIND** > **Waypoints**.

2 Select a waypoint.

3 Select **Go**.

Editing a Waypoint

Before you can edit a waypoint, you must create a waypoint.

1 Select **Waypoint Manager**.

2 Select a waypoint.

3 Select an item to edit, such as the name.

4 Enter the new information, and select **Go**.

Deleting a Waypoint

1 Select **Waypoint Manager**.

2 Select a waypoint.

3 Select **MENU** > **Delete**.

Routes

A route is a sequence of waypoints or locations that leads you to your final destination.

Creating a Route

1 Select **Route Planner** > **Create Route** > **Select First Point**.

2 Select a category.

3 Select the first point in the route.

4 Select **Use**.

5 Select **Select Next Point** to add additional points to the route.

6 Select **QUIT** to save the route.

Navigating a Saved Route

Before you can navigate using a saved route, you must create a route.

1 Select **FIND** > **Routes**.

2 Select a route.

3 Select **Go**.

Tracks

A track is a recording of your path. The track log contains information about points along the recorded path, including time, location, and elevation for each point.

Viewing the Current Track

1 From the main menu, select **Track Manager** > **Current Track**.

2 Select an option:
   • To show the current track on the map, select **View Map**.
   • To show the elevation plot for the current track, select **Elevation Plot**.

Navigating a Saved Track

Before you can navigate a saved track, you must save a track.

1 Select **FIND** > **Tracks**.

2 Select a saved track.

3 Select **Go**.

Map

▲ represents your location on the map. As you travel, ▲ moves and leaves a track log (trail). Waypoint names and symbols appear on the map. When you are navigating to a destination, your route is marked with a colored line on the map.

Changing the Map Orientation

1 From the map, select **MENU**.

2 Select **Setup Map** > **Orientation**.

3 Select an option:
   • Select **North Up** to show north at the top of the page.
   • Select **Track Up** to show your current direction of travel at the top of the page.
   • Select **Automotive Mode** to show an automotive perspective with the direction of travel at the top.

Measuring Distance on the Map

You can measure the distance between two locations.

1 From the map, select a location.

2 Select **MENU** > **Measure Distance**.

3 Move the pin to another location on the map.

Compass

When navigating, ▲ points to your destination, regardless of the direction you are moving. When ▲ points toward the top of the electronic compass, you are traveling directly toward your destination. If ▲ points any other direction, turn until it points toward the top of the compass.

Calibrating the Compass

Before you can calibrate the electronic compass, you must be outdoors, away from objects that influence magnetic fields, such as cars, buildings, or overhead power lines.

The device has a 3-axis electronic compass (GPSMAP 64s and GPSMAP 64st models only). You should calibrate the compass after moving long distances, experiencing temperature changes, or changing the batteries.

1 From the compass, select **MENU**.

2 Select **Calibrate Compass** > **Start**.

3 Follow the on-screen instructions.

Navigating with Sight 'N Go

You can point the device at an object in the distance, lock in the direction, and navigate to the object.

NOTE: Sight 'N Go is available only on the GPSMAP 64s and GPSMAP 64st.

1 Select **Sight 'N Go**.

2 Point the device at an object.

3 Select **Lock Direction** > **Set Course**.

4 Navigate using the compass.

Trip Computer

The trip computer displays your current speed, average speed, maximum speed, trip odometer, and other helpful statistics. You can customize the trip computer layout, dashboard, and data fields.

Device Information

Specifications

Battery type	NiMH battery pack or two AA batteries (1.5 V or lower alkaline, NiMH, or lithium)
Battery life	Up to 16 hours
Water resistance	IEC 60529 IPX7
Operating temperature range	From -4° to 158°F (from -20° to 70°C)
Charging temperature range	From 32° to 104°F (from 0° to 40°C)
Radio frequency and protocols	2.4 GHz ANT+; Bluetooth® 4.0 (includes EDR and BLE)
Compass-safe distance	7 in. (17.5 cm)

Calibrating the Barometric Altimeter

You can manually calibrate the barometric altimeter if you know the correct elevation or the correct barometric pressure.

NOTE: The barometric altimeter is available only on the GPSMAP 64s and GPSMAP 64st.

1 Go to a location where the elevation or barometric pressure is known.

2 Select **PAGE** > **Elevation Plot** > **MENU** > **Calibrate Altimeter**.

3 Follow the on-screen instructions.

Customizing the Data Fields

You can customize the data fields displayed on each main page.

1 Open the page for which you will change the data fields.

2 Select **MENU**.

3 Select **Change Data Fields**.

4 Select the new data field.

5 Follow the on-screen instructions.

Support and Updates

Garmin Express™ provides easy access to these services for Garmin devices. Some services may not be available for your device.

- Product registration
- Product manuals
- Software updates
- Map updates
- Vehicles, voices, and other extras

Setting Up Garmin Express

1 Plug the small end of the USB cable into the port on the device.

2 Plug the larger end of the USB cable into an available USB port on your computer.

3 Go to www.garmin.com/express.

4 Follow the on-screen instructions.

Getting More Information

You can find more information about this product on the Garmin website.

- Go to www.garmin.com/outdoor.
- Go to www.garmin.com/learningcenter.
- Go to http://buy.garmin.com, or contact your Garmin dealer for information about optional accessories and replacement parts.

Getting the Owner's Manual

You can get the latest owner's manual from the web.

1 Go to www.garmin.com/support.

2 Select **Manuals**.

3 Follow the on-screen instructions to select your product.

Adjusting the Backlight Brightness

Extensive use of screen backlighting can significantly reduce battery life. You can adjust the backlight brightness to maximize the battery life.

NOTE: The backlight brightness may be limited when the battery is low.

1 Select ⏻.

2 Use the slider to adjust the backlight level.

The device may feel warm when the backlight setting is high.

Selecting the Battery Type

1 From the main menu, select **Setup** > **System** > **AA Battery Type**.

2 Select **Alkaline**, **Lithium**, **Traditional NiMH**, or **Precharged NiMH**.

Installing a Memory Card

> ⚠ **WARNING**
> Do not use a sharp object to remove user-replaceable batteries.

You can install a microSD memory card in the handheld device for additional storage or pre-loaded maps.

1 Turn the D-ring counter-clockwise, and pull up to remove the cover.

2 Remove the battery.

3 Slide the card holder ① to 🔓 and lift up.

4 Place the memory card with the gold contacts facing down.

5 Close the card holder.
6 Slide the card holder to 🔒 to lock it.
7 Replace the battery and cover.

Attaching the Wrist Strap

1 Insert the loop of the wrist strap through the slot in the device.

2 Thread the other end of the strap through the loop, and pull it tight.

Attaching the Carabiner Clip

1 Position the carabiner clip ① in the slots on the mounting spine ② of the device.

2 Slide the carabiner clip up until it locks in place.

Removing the Carabiner Clip
Lift up on the bottom of the carabiner clip, and slide the carabiner clip off the mounting spine.

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