



# nüvi<sup>®</sup> 30/40/50 owner's manual



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# Getting Started

## WARNING

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

- 1 Connect the device to vehicle power ([page 1](#)).
- 2 Mount the device ([page 1](#)).
- 3 Register the device ([page 3](#)).
- 4 Check for updates.
  - Software updates ([page 3](#)).
  - Free map update ([page 3](#)).

# Mounting the Device






## WARNING

This product contains a lithium-ion battery. To prevent the possibility of personal injury or product damage caused by battery exposure to extreme heat, remove the device from the vehicle when exiting or store it out of direct sunlight.

## NOTICE

Before mounting the device, see the *Important Safety and Product Information* guide for information about laws pertaining to windshield mounting.


Charge your device as you drive before using it on battery power.

- 1 Plug the vehicle power cable  into the USB port  on the device.
- 2 Press the suction cup  to the windshield.
- 3 While pressing, flip the lever  back toward the windshield.
- 4 Snap the mount  onto the suction cup.



- 5 Fit the bottom ⑥ of your device into the mount.
- 6 Tilt your device back until it snaps into place.
- 7 Plug the other end of the vehicle power cable into a power outlet in your vehicle.

## Acquiring Satellites

The device may require an open view of the sky to acquire satellite signals. When the bars  are green, the device has acquired satellite signals.

## About myDashboard

Use myDashboard to register your device, check for software and map updates, access product manuals and support, and more.

## Setting Up myDashboard

- 1 Connect a USB cable ① to the mini-USB port ② on the device.



- 2 Connect the other end of the USB cable to the USB port on your computer.
- 3 Go to [www.garmin.com/dashboard](http://www.garmin.com/dashboard).
- 4 Follow the on-screen instructions.

## Registering the Device

- 1 From myDashboard, click **Register Now**.
- 2 Follow the on-screen instructions.
- 3 Keep the original sales receipt, or a photocopy, in a safe place.

## Updating the Software

- 1 Open myDashboard ([page 2](#)).
- 2 Under Software Updates, click **Update Now**.
- 3 Follow the on-screen instructions.

## nüMaps Guarantee™

If you register the device at <http://my.garmin.com> within 90 days of acquiring satellites while driving, your device could be eligible for one free map update. Go to [www.garmin.com/numaps](http://www.garmin.com/numaps) for terms and conditions.

## Updating Maps

- 1 Open myDashboard ([page 2](#)).
- 2 Register the device ([page 3](#)).
- 3 Under Map Updates, click **Update Now**.
- 4 Follow the on-screen instructions.

## Downloading the Owner's Manual

The owner's manual for your device is available on the Garmin web site.

- 1 Open myDashboard ([page 2](#)).
- 2 Click **Manuals**.  
A list of the product manuals in several languages appears.
- 3 Click **Download** next to the manual you want.
- 4 Save the file to your computer.

## Turning Off the Device

- 1 Tap the **Power** key .





- 2 Select **Power Off**.

## Resetting the Device

You can reset your device if it stops functioning.

Hold the **Power** key for 10 seconds.

## Changing the Screen Brightness

- 1 Select **Settings > Display > Brightness**.
- 2 Select  or .

## Adjusting the Volume




- 1 Select **Volume**.

- 2 Select an option:


- Select  or .
- Select the **Mute** check box.

## Status Bar Icons

The status bar is located at the top of the main menu. The status bar icons display information about features on the device. You can select some icons to change settings or view additional information.

	GPS signal status.
	Current time.
	Battery status.

## Using Help






Select  to view information about using the device.

## Searching Help Topics

Select  > **Search**.










## Using the On-Screen Buttons

- Hold  to quickly return to the main menu.
- Select  and  to see more choices.
- Select and hold  and  to scroll faster.

## Using the On-Screen Keyboard

See “System Settings” to change the keyboard layout ([page 18](#)).

- 1 Select **Where To? > Points of Interest > Spell Name**.
- 2 Select an option.
  - Select a character on the keyboard to enter a letter or number.
  - Select  to add a space.
  - Select  to change the character case.
  - Select  and  to move the cursor.
  - Select  to delete a character.
  - Select and hold  to erase the entire entry.

- Select **Mode** to select the keyboard language mode.
- Select  to enter special characters, such as punctuation marks.

## Finding Locations

There are many ways to find locations.

- By category ([page 6](#))
- Near another location ([page 6](#))
- By spelling the name ([page 7](#))
- By address ([page 8](#))
- Using recently found locations ([page 8](#))
- Using coordinates ([page 9](#))
- Using the map ([page 9](#))
- Using Favorites ([page 10](#))

## About Points of Interest

The detailed maps loaded in your device contain points of interest, such as restaurants, hotels, and auto services.

### Finding a Point of Interest by Category

- 1 Select **Where To? > Points of Interest**.
- 2 Select a category.
- 3 If necessary, select a subcategory.
- 4 Select a location.
- 5 Select **Go!**.

### Searching Within a Category

To narrow your search results, you can search within some categories.

- 1 Select **Where To? > Points of Interest**.
- 2 Select a category.
- 3 If necessary, select a subcategory.
- 4 Select **Spell**.

- 5 Enter all or part of the name.
- 6 Select **Done**.

### Searching Near Another Location

By default, your device finds locations closest to your current location. You can find a location near another city or location.

- 1 Select **Where To? > Near**.
- 2 Select an option, and select **OK**.
- 3 If necessary, select a location.

### Adding a Stop to a Route

- 1 While navigating an automobile route, select **Where To?**.
- 2 Search for the location ([page 6](#)).
- 3 Select **Go!**.
- 4 Select **Add as a Via Point**.

## Saving a Home Location

You can set your home location for the location you return to most often.

- 1 Select **Where To? > Go Home**.
- 2 Select **Enter My Address, Use My Current Location**, or **Choose from Recently Found**.

The location is saved as “Home” in Favorites ([page 10](#)).

### Going Home

Select **Where To? > Go Home**.

### Deleting Your Home Location

1. Select **Where To? > Favorites > Home**.
- 2 Select the information balloon.
- 3 Select **Delete**, and select **Yes**.

### Editing Your Home Location Information

- 1 Select **Where To? > Favorites > Home**.
- 2 Select the information balloon.

- 3 Select **Edit**.
- 4 Enter your changes.
- 5 Select **Done**.

## Location Searches

You can search for locations by using the on-screen keyboard, entering the location’s address or coordinates, browsing the map, and more.

### Finding a Location by Spelling the Name

- 1 Select **Where To? > Points of Interest > Spell Name**.
- 2 Enter a business name or a type of business.  
For example, you can enter “Starbucks” or “Coffee.”
- 3 Select **Done**.
- 4 Select a location.

## Finding an Address

**NOTE:** The order of the steps may change depending on the map data loaded on your device.

- 1 Select **Where To? > Address**.
- 2 If necessary, change the state, the country, or the province.
- 3 Select an option:
  - Select **Spell City**, enter the city, and select **Done**.
  - Select **Search All** to search all cities in the state or province.
- 4 Enter the address number, and select **Done**.
- 5 Enter the street name, and select **Done**.
- 6 If necessary, select the street.
- 7 If necessary, select the address.

## Finding a Location by Browsing the Map

- 1 Select **Where To? > Browse Map**.
- 2 Drag the map to find the location.
- 3 Select the location.  
An information balloon appears for the location.
- 4 Select the information balloon.

## Viewing a List of Recently Found Locations

Your device stores the last 50 locations you have found.

Select **Where To? > Recently Found**.

## Clearing the List of Recently Found Places

Select **Where To? > Recently Found > Clear**.

## Finding a Location Using Coordinates

You can find a location using latitude and longitude coordinates. This method can be helpful when geocaching.

- 1 Select **Where To? > Coordinates**.
- 2 If necessary, select **Format**, select the correct coordinate format for the type of map you are using, and select **OK**.
- 3 Select the latitude coordinate.
- 4 Enter the new coordinate, and select **Done**.
- 5 Select the longitude coordinate.
- 6 Enter the new coordinate, and select **Done**.
- 7 Select **Next**.
- 8 Select **Go!**.

## Using the Location Map

The location map appears after you select a location from the Where To? menu.



- Select ① to save the location to your Favorites.
- Select the information balloon ② to view more information for the location.
- Select ③ to zoom in and out.
- Select ④ to create a turn-by-turn route to this location.
- Select ⑤ to return to the previous page.
- Select ⑥ to view different parts of the map.

## Viewing a Route on the Map

- 1 From the location map, select the information balloon.
- 2 Select the route information box.

## Setting a Simulated Location

If you are indoors or not receiving satellite signals, you can use the GPS simulator to set a simulated location.

- 1 Select **Settings > System**.
- 2 Select **GPS Simulator > On > OK**.
- 3 From the main menu, select **Where To? > Browse Map**.
- 4 Select an area on the map.  
An information balloon appears for the location.
- 5 Select **Set Location**.

## Favorites

You can save locations in your Favorites so you can quickly find them and create routes to them. Your home location is also stored in Favorites.

## Saving Your Location to Favorites

- 1 From the map, select the vehicle icon.
- 2 Select **Save Location**.
- 3 Enter a name, and select **Done**.
- 4 Select **OK**.

The location is saved in Favorites.

## Saving Locations to Favorites

- 1 Search for the location ([page 6](#)).
- 2 From the location map, select **Save > OK**.

## Finding Favorites

- 1 Select **Where To? > Favorites**.
- 2 If necessary, select a category.
- 3 Select a saved location.

## Editing Favorites

- 1 Select **Where To? > Favorites**.
- 2 If necessary, select a category.
- 3 Select a Favorite.
- 4 Select the information balloon.
- 5 Select **Edit**.
- 6 Select an option:
  - Select **Change Name**.
  - Select **Change Phone Number**.
  - To assign categories to the Favorite, select **Change Categories**.
  - To change the symbol used to mark the Favorite on a map, select **Change Map Symbol**.

- 7 Edit the information.
- 8 Select **Done**.

## Adding a Category

You can add custom categories to organize your Favorites.

**NOTE:** Categories appear in the Favorites menu after you have saved more than 12 Favorites.

- 1 Select **Where To? > Favorites**.
- 2 Select the Favorite.
- 3 Select the information balloon.
- 4 Select **Edit > Change Categories**.
- 5 Select a category, and select **New**.

## Deleting Favorites

**NOTE:** Deleted Favorites cannot be recovered.

- 1 Select **Where To? > Favorites**.
- 2 If necessary, select a category.
- 3 Select the Favorite.
- 4 Select the information balloon.
- 5 Select **Delete > Yes**.

## Map Pages

### Following an Automobile Route

#### **NOTICE**

The speed limit icon feature is for information only and does not replace the driver's responsibility to abide by all posted speed limit signs and to use safe driving judgment at all times. Garmin will not be responsible for any traffic fines or citations that you may receive for failing to follow all applicable traffic laws and signs.

The route is marked with a magenta line. A checkered flag marks your destination.

As you travel, the device guides you to the destination with voice prompts, arrows on the map, and directions at the top of the map. If you depart from the original route, the device recalculates the route and provides new directions.




An icon displaying the current speed limit may appear as you travel on major roadways.



## Taking a Detour

While navigating a route, you can use detours to avoid obstacles ahead of you, such as construction zones.

**NOTE:** If the route you are currently taking is the only reasonable option, the device might not calculate a detour.

- 1 While navigating a route, select  to return to the main menu.
- 2 Select **Detour**.

## Stopping the Route

While navigating a route, select  > **Stop**.

## Navigating Off Road

You can create straight-line routes that do not follow roadways.

- 1 Select **Settings > Navigation**.
- 2 Select **Route Preference > Off Road > OK**.

The route will be calculated as a straight line to the location.

## Changing the Map Data Field

- 1 From the map, select a data field.
- 2 Select a type of data to display.
- 3 Select **OK**.

## Viewing Current Location Information

Use the Where Am I? page to view information about your current location. This is helpful if you need to tell emergency personnel your location.

From the map, select the vehicle icon.

## Finding Nearby Services

- 1 From the map, select the vehicle icon.
- 2 Select **Hospitals**, **Police Stations**, or **Fuel** to view the nearest locations in that category.

## Map Pages

### Viewing Trip Information

The trip information page displays your present speed and provides statistics about your trip.

**TIP:** If you make frequent stops, leave the device turned on so it can accurately measure elapsed time during the trip.

From the map, select the **Speed** field.



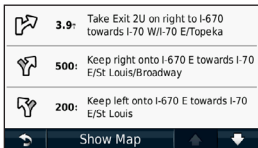
### Resetting Trip Information

- 1 From the map, select the **Speed** field > **Reset**.
- 2 Select an option:
  - Select **Reset Trip Data** to reset the information on the trip computer.
  - Select **Reset Max. Speed** to reset the maximum speed.
- 3 Select **OK**.

## Viewing a List of Turns

When you are navigating a route, you can view all of the turns and maneuvers for your entire route and the distance between turns.

- 1 Select the text bar on the top of the map.



- 2 Select a turn.

The details for the turn appear. If available, an image of the junction appears for junctions on major roadways.

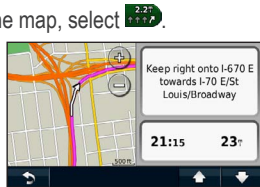
## Viewing the Entire Route on the Map

- 1 While navigating an automobile route, select the navigation bar at the top of the map.
- 2 Select **Show Map**.

## Viewing the Next Turn

While navigating an automobile route, a preview of the next turn, lane change, or other maneuver appears in the upper-left corner of the map. The preview includes the distance to the turn or maneuver and the lane in which you should be traveling, if available.

From the map, select



## Viewing an Upcoming Junction

While navigating an automobile route, you can view the junctions on major roadways. When you approach a junction in a route, the image of that junction appears briefly, if available.

From the map, select  to view the junction, if available.



## Data Management

You can store files, such as JPEG image files, on your device. The device has a memory card slot for additional data storage.

**NOTE:** The device is not compatible with Windows® 95, 98, Me, Windows NT®, and Mac® OS 10.3 and earlier.

## File Types

The device supports the following file types:

- Maps and GPX waypoint files from MapSource® ([page 24](#))
- GPI custom POI files from Garmin POI Loader ([page 24](#))

## About Memory Cards

You can purchase memory cards from an electronics supplier, or purchase pre-loaded Garmin mapping software ([www.garmin.com/trip\\_planning](http://www.garmin.com/trip_planning)). In addition to map and data storage, the memory card can be used to store files such as maps, images, geocaches, routes, waypoints, and custom POIs.

### Installing a Memory Card

The device supports microSD™ and microSDHC memory or data cards.

Insert a memory card into the slot on the device.

## Transferring Files from Your Computer



- 1 Connect the device to your computer ([page 2](#)).  
Your device and memory card appear as removable drives in My Computer in Windows and as mounted volumes on Mac computers.

**NOTE:** Some computers with multiple network drives cannot display nüvi drives. See your operating system Help file to learn how to map the drives.

- 2 On your computer, open the file browser.
- 3 Select the file.
- 4 Select **Edit > Copy**.
- 5 Open the **Garmin** or memory card drive or volume.
- 6 Select **Edit > Paste**.

The file appears in the list of files in the device memory or on the memory card.

### Disconnecting the USB Cable

- 1 Complete an action:
  - For Windows computers, click the eject icon  in your system tray.
  - For Mac computers, drag the volume icon to the **Trash** .

- 2 Disconnect the cable from your computer.

## Deleting Files

### NOTICE

If you do not know the purpose of a file, do not delete it. Your device memory contains important system files that should not be deleted.

- 1 Open the **Garmin** drive or volume.
- 2 If necessary, open a folder or volume.
- 3 Select the file.
- 4 Press the **Delete** key on your keyboard.

## Customizing the Device

- 1 Select **Settings**.
- 2 Select a setting category.
- 3 Select the setting to change it.

## System Settings

Select **Settings > System**.

- **GPS Simulator**—stops the device from receiving a GPS signal, and saves battery power.
- **Units**—sets the unit of measure used for distances.
- **Keyboard Layout**—sets the keyboard layout.
- **Safe Mode**— disables all functions that require significant operator attention and could become a distraction while driving.
- **About**—displays the nüvi software version number, the unit ID number, and information about several other software features. You need

this information when you update the system software or purchase additional map data.

## Navigation Settings

Select **Settings > Navigation**.

- **Route Preference**—select a preference for calculating your route.
- **Avoidances**—select the road types you want to avoid on your routes.

## Display Settings

Select **Settings > Display**.

- **Color Mode**—sets a light background (**Day**), a dark background (**Night**), or automatically switches between the two based on the sunrise time and the sunset time for your current location (**Auto**).
- **Screenshot**—allows you to take a picture of the device screen. Screenshots are saved in the **Screenshot** folder of the device storage.

- **Brightness**—changes the brightness of the screen. Decreasing the brightness can save battery power.

## Time Settings

Select **Settings > Time**.

- **Time Format**—select a 12-hour, 24-hour, or UTC time format.
- **Current Time**—manually set the time on your nüvi. Select **Automatic** to have the device set the time based on your location.

## Language Settings

Select **Settings > Language**.

- **Voice Language**—sets the language for voice prompts.
- **Text Language**—sets all on-screen text to the selected language.

**NOTE:** Changing the text language does not change the language of user-entered data or map data, such as street names.

- **Keyboard**—sets the language for your keyboard.

## Map Settings

Select **Settings > Map**.

- **Map Detail**—adjusts the amount of detail shown on the map. Showing more detail can cause the map to redraw slower.
- **Map View**—sets a map perspective.
  - **Track Up**—displays the map in two dimensions (2D) with your direction of travel at the top.
  - **North Up**—displays the map in 2D with North at the top.
  - **3D**—displays the map in three dimensions (3D) in Track Up.

- **Vehicle**—select **Change** to change the icon used to display your position on the map. Download additional vehicle icons at [www.garmin.com](http://www.garmin.com).
- **Trip Log**—shows or hides the log of your travels.
- **Map Data Layout**—changes the amount of data visible on the map.
- **Info**—view the maps and the version of each map loaded on your nüvi. Select a map to enable or disable that map.

**TIP:** To purchase additional map products, go to [www.garmin.com/maps](http://www.garmin.com/maps).

## Proximity Points Settings

Select **Settings > Proximity Points**.

- **Alerts**—notifies you when you approach custom safety cameras (page 24).



## Restoring Settings

You can restore a category of settings or all settings to the factory defaults.

1. Select **Settings**.
2. If necessary, select a settings category.
3. Select **Restore**.

# Appendix

## Caring for Your Device

### **NOTICE**

Avoid dropping your device and operating it in high-shock and high-vibration environments.

Do not expose the device to water.

Contact with water can cause this device to malfunction.

Do not store the device where prolonged exposure to extreme temperatures can occur, because it can cause permanent damage.

Never use a hard or sharp object to operate the touchscreen, or damage may result.

## Cleaning the Outer Casing

### **NOTICE**

Avoid chemical cleaners and solvents that can damage plastic components.

- 1 Clean the outer casing of the device (not the touchscreen) using a cloth dampened with a mild detergent solution.
- 2 Wipe the device dry.

## Cleaning the Touchscreen

- 1 Use a soft, clean, lint-free cloth.
- 2 If necessary, use water, isopropyl alcohol, or eyeglass lens cleaner.

- 3 Apply the liquid to the cloth.
- 4 Gently wipe the screen with the cloth.

### Avoiding Theft

- Remove the device and mount from sight when not in use.
- Remove the residue left on the windshield by the suction cup.
- Do not keep your unit in the glove compartment.
- Register your device at <http://my.garmin.com>.

### Erasing User Data

- 1 Turn the device on.
- 2 Hold your finger on the lower-right corner of the device screen.
- 3 Keep your finger pressed until the pop-up window appears.
- 4 Select **Yes** to clear all user data.

All original settings are restored. Any items that you have saved are erased.

### Extending the Battery Life

- Keep your device away from extreme temperatures.
- Decrease the screen brightness ([page 4](#)).
- Do not leave your device in direct sunlight.
- Decrease the volume ([page 4](#)).

## Changing the Fuse in the Vehicle Power Cable

### NOTICE

When replacing the fuse, do not lose any of the small pieces and make sure they are put back in the proper position. The vehicle power cable does not work unless it is assembled correctly.

If your device does not charge in your vehicle, you may need to replace the fuse located at the tip of the vehicle adapter.

- 1 Unscrew the end piece.

**TIP:** You may need to use a coin to remove the end piece.

- 2 Remove the end piece, the metal tip, and the fuse (glass and metal cylinder).
- 3 Install a 1 A fast-blow fuse.
- 4 Place the metal tip in the end piece.
- 5 Screw the end piece back into the vehicle power cable.

## Removing the Device, Cradle, and Mount

### Removing the Device from the Cradle

- 1 Press up on the tab on the top of the cradle.
- 2 Tilt the device forward.

### Removing the Cradle from the Mount

- 1 Turn the cradle to the right or left.
- 2 Apply pressure until the socket on the cradle releases the ball on the mount.

### Removing the Suction Cup Mount from the Windshield

- 1 Flip the lever on the suction cup mount toward you.
- 2 Pull the tab on the suction cup toward you.

## About nüMaps Lifetime

For a one-time payment, you can receive up to four map updates each year for the life of your device. For more information on nüMaps Lifetime and complete terms and conditions, go to [www.garmin.com](http://www.garmin.com), and click **Maps**.

## Safety Cameras

### CAUTION

Garmin is not responsible for the accuracy of, or the consequences of using, a custom POI or safety camera database.

Safety camera information is available in some locations. Check <http://my.garmin.com> for availability. For these locations, the nüvi includes the locations of hundreds of safety cameras. Your nüvi alerts you when you are approaching a safety camera and can warn you if you are driving too fast. The data is updated at least weekly, so you always have access to the most up-to-date information.

You can purchase a new region or extend an existing subscription at any time. Each region that you purchase has an expiration date.

## Purchasing Accessories

Go to <http://buy.garmin.com>.

## Contacting Garmin Product Support

You can contact Garmin Product Support if you have any questions about this product.

- Go to [www.garmin.com/support](http://www.garmin.com/support).
- In the USA, call (913) 397.8200.
- In the UK, call 0808 2380000.
- In Europe, call +44 (0) 870.8501241.

## Troubleshooting

Problem	Solution
My device is not acquiring satellite signals	<ul style="list-style-type: none"><li>• Select <b>Settings &gt; System &gt; GPS Simulator &gt; Off</b>.</li><li>• Make sure your device is out of parking garages and away from tall buildings and trees.</li><li>• Remain stationary for several minutes.</li></ul>
The suction cup will not stay on my windshield.	<ul style="list-style-type: none"><li>• Clean the suction cup and windshield with rubbing alcohol.</li><li>• Dry with a clean, dry cloth.</li><li>• Mount the suction cup (<a href="#">page 1</a>).</li></ul>
The device does not charge in my vehicle.	<ul style="list-style-type: none"><li>• Check the fuse in the vehicle power cable (<a href="#">page 23</a>).</li><li>• Verify the vehicle is turned on and is supplying power to the power outlet.</li><li>• Your device can only charge between 32°F and 113°F (between 0°C and 45°C). If the device is placed in direct sunlight or in a hot environment, it cannot charge.</li></ul>
My battery does not stay charged for very long.	To maximize the time between charges, turn down the backlight ( <a href="#">page 19</a> ).
My battery gauge does not seem accurate.	Allow the unit to fully discharge, and fully charge it (without interrupting the charge cycle).
How do I know my device is in USB mass storage mode?	When your device is in USB mass storage mode, a picture of a device connected to a computer is shown on the device screen. Also, you should see one or two new removable disk drives listed in <b>My Computer</b> .

<p>The device is connected to the computer, but it will not go into mass storage mode.</p>	<ol style="list-style-type: none"><li><b>1</b> Disconnect the USB cable from your computer.</li><li><b>2</b> Turn off the device.</li><li><b>3</b> Plug the USB cable into a USB port on your computer and into your device. The device automatically turns on and goes into USB mass storage mode.</li><li><b>4</b> Verify your device is connected to a USB port and not a USB hub.</li></ol>
<p>I cannot see any new removable drives in my list of drives.</p>	<p>If you have several network drives mapped on your computer, Windows can have trouble assigning drive letters to your device drives. Refer to your operating system Help file to learn how to map or assign drive letters.</p>





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