



nüLink!™ 1695 owner's manual



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Getting Started

About Your Device

WARNING

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



| | |
|---|---------------------|
| ① | Power key |
| ② | microSD™ card slot |
| ③ | Microphone |
| ④ | Micro-USB connector |

Using the Main Menu



- Touch ① to find a destination.
- Touch ② to view the map.
- Touch ③ to make a call when connected to a compatible mobile phone.

See www.garmin.com/bluetooth for more information.

- Touch ④ to adjust the volume.
- Touch ⑤ to use tools such as settings, help, and weather.

About the Main Menu Toolbar

| Icon | Description |
|---|---|
|  | GPS signal status. Touch and hold to view satellite information. |
|  | Bluetooth® technology status (appears when connected to a compatible device. Touch to change Bluetooth settings). |
|  | Transportation mode indicator. Touch to select a transportation mode. |
|  | Current time. Touch to change time settings. |
|  | Current temperature. Touch to view weather information. |
|  | nūLink! services signal status. |
|  | Battery status. |

Setting Up Your Device

When using the device for the first time, complete these tasks.

1. Mount the device.
2. Charge the device ([page 3](#)).
3. Acquire satellites ([page 4](#)).

Mounting Your 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.

1. Remove the clear plastic from the suction cup ①.
2. Place the suction cup on the windshield.
3. Flip the lever back toward the windshield.
4. Plug the vehicle power cable ② into the back of the cradle.
5. Snap the cradle ③ onto the suction cup arm.
8. Tilt your device back until it snaps into place.



Charging Your Device

Charge your device for at least 4 hours before using it on battery power.

Your device can be powered three ways.

- Connect the vehicle power cable to the mount while the device is in the mount.
- Connect the USB cable.
- Connect an AC adapter (available on some device models).



6. Plug the other end of the vehicle power cable into a power outlet in your vehicle.
7. Fit the bottom of your device into the cradle.

Acquiring Satellites

To navigate with your device, you must acquire satellites.

1. Turn on your device.
2. If necessary, go outdoors to an open area, away from tall buildings and trees.

Acquiring satellite signals can take a few minutes.

Transportation Modes

| | |
|---|-----------------|
|  | Automobile mode |
|  | Pedestrian mode |

Your device offers several transportation modes for navigation methods. Routing is calculated differently based on your transportation mode. For example, in Pedestrian mode with cityXplorer™ maps loaded, your device calculates

a route that uses a combination of public transit options, such as riding a bus or subway, and walking. cityXplorer maps are not included with your device.

Go to www.garmin.com to purchase cityXplorer maps.

Changing Your Transportation Mode

1. Touch the transportation mode icon.
2. Touch a mode.
3. Touch **Save**.

Adjusting the Screen Brightness

1. Press and quickly release the **Power** key.
2. Touch and drag the scroll bar to adjust screen brightness.

Locking the Screen

1. Press and quickly release the **Power** key.
2. Touch **Lock Screen** to prevent accidental screen touches.

Powering Off Your Device

1. Press and quickly release the **Power** key to view additional options.
2. Touch **Power Off** to turn off your device. You can also turn off the device by holding the **Power** key for two seconds.

Resetting Your Device

You can reset your device if it stops functioning.

Press and hold the **Power** key for 10 seconds.

Adjusting the Volume

1. From the main menu, touch **Volume**.
2. Use the slider bar to adjust the volume.

Muting the Audio

Touch **Volume** >  to mute all audio.

Navigating the Screens

- Touch  to view more options.
- Touch  and  to see more choices.
- Touch and hold  and  to scroll faster.
- Touch and hold  to quickly return to the main menu.

Using the On-Screen Keyboard

NOTE: See “Customizing the Device” to change the keyboard layout ([page 53](#)).

- Touch a character on the keyboard to enter a letter or number.
- Touch  to add a space.
- Touch in the text field to move the cursor.
- Touch  to delete a character.
- Touch and hold  to erase the entire entry.
- Touch  to select the keyboard language mode.
- Touch  to enter special characters, such as punctuation marks.

About Points of Interest

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

Finding a Point of Interest by Category

1. From the main menu, touch **Where To? > Points of Interest**.
2. Touch a category.
3. If necessary, touch a subcategory.

TIP: To narrow the search, touch , enter text, and touch **Done**.

A list of items near your current location appears.

4. Touch an item.

Finding a Point of Interest by Spelling the Name

Local Search may not be available in all areas or countries.

1. From the main menu, touch **Where To? > Points of Interest > Local Search.**
2. Enter all or part of the name.
3. Touch **Done.**
4. Select an option:
 - Touch a Local Search result.
 - Touch the **Garmin** tab to search the Garmin map data loaded on your device.
5. Touch an item.

Finding Points of Interest in Pedestrian Mode

While in Pedestrian mode in certain cities, you may use cityXplorer maps to navigate using public transit.

Go to www.garmin.com to purchase cityXplorer maps.

1. Select Pedestrian transportation mode ([page 4](#)).
2. From the main menu, touch **Where To? > Points of Interest.**
3. Touch a category.
4. If necessary, touch a subcategory.
5. Touch an item.
6. Select an option:
 - Touch **Drive** to calculate a route you will navigate by driving.
 - Touch **Walk** to calculate a route you will navigate by walking.

- Touch **Public Transit** (if available) to calculate a route that uses public transit and walking.

7. Touch **Go!**.

Adding a Points to the Active Route

1. While navigating a route, touch  to return to the main menu.
2. Touch **Where To?**.
3. Touch a category.
4. If necessary, touch a subcategory.
5. Touch a destination.
6. Touch **Go!** > **Add to Current Route** to add the new destination to the active route as a point of interest, also called a via point.

Changing the Destination of the Active Route

1. While navigating a route, touch  to return to the main menu.
2. Touch **Where To?**.
3. Search for the location.
4. Touch **Go!** > **Start New Route**.

Navigating Off Road

If you are not following roadways as you navigate, use Off Road mode.

1. From the main menu, touch **Tools** > **Settings** > **Navigation** > **Automobile** > **nüRoute** > **Calculation Mode**.
2. Touch **Off Road** > **Save**.

Taking a Detour

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

1. While navigating a route, touch  to return to the main menu.
2. Touch **Detour** (or **Recalculate** in Pedestrian mode).

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

Stopping the Route

1. While navigating a route, touch  to return to the main menu.
2. Touch **Stop**.

Finding Locations

The Where To? menu provides several different categories you can use to search for locations. To perform a simple search, see [page 6](#).

Finding an Address

NOTE: Depending on the version of the maps loaded on your device, the button names and the order of steps could be different from the steps below.

1. From the main menu, touch **Where To? > Address**.
2. If necessary, change the state, country, or province.
3. Touch **Spell City**.
4. Enter the name of the city.
5. Touch **Done**.
6. If necessary, touch the city/postal code.

NOTE: Not all map data provides postal code searching.

7. Enter the number of the address.
8. Touch **Done**.
9. Enter the street name.
10. Touch **Done**.
11. If necessary, touch the street.
12. If necessary, touch the address.

Using the Go! Page

The Go! page opens when you select a location.



- Touch ① to call the selected location when your device is connected to a phone, or to save the location to your favorites.
- Touch ② to switch between 2-D and 3-D view.
- Touch ③ to rotate the view.
- Touch ④ to view more information for the location.
- Touch ⑤ to zoom in and out.

- Touch ⑥ to return to the previous page.
Touch and hold to return to the main menu.
- Touch ⑦ to create a turn-by-turn route to this location.

Reporting an Incorrect Point of Interest

When your search results contain an outdated or incorrect point of interest, you can remove the location from future searches.

1. From the Go! page, touch the information balloon.
2. Touch **≡** > **Report Error** > **Yes**.
The location is removed from future searches.

Editing the Phone Number for a Point of Interest

If your search results contain an outdated or incorrect phone number for a point of interest, you can edit the phone number.

1. From the Go! page, touch the information balloon.
2. Touch  > **Edit Phone Number**.
3. Enter the phone number.
4. Touch **Done**.

The phone number updates on your device.

Rating a Point of Interest

When available, you can view and change the star rating for a point of interest.

1. From the Go! page, touch the information balloon.
If available, the star ratings for

the point of interest appear to the left of Go!.

2. Touch the stars to rate the point of interest.

The star rating updates on your device.

Setting a Home Location

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

1. From the main menu, touch **Where To? > Go Home**.
2. Select an option to set your home location:
 - Touch **Enter My Address** to enter your home address.
 - Touch **Use My Current Location** to set your current location as your home location.

- Touch **Recently Found** to set a recently found location as your home location.

Going Home

Before you can navigate to home, you must set a home location.

From the main menu, touch **Where To? > Go Home**.

Resetting Your Home Location

1. From the main menu, touch **Where To? > ≡ > Set Home Location**.
2. Touch an option to change your address.

Editing Your Home Location

1. From the main menu, touch **Where To? > Favorites > Home**.
2. Touch **Edit**.
3. Enter your changes.
4. Touch **Done**.

Searching for a Location in a Different Area

1. From the main menu, touch **Where To? > ≡ > Near**.
2. Touch a search area:
 - Touch **Where I Am Now** to search for places near your current location.
 - Touch **A Different City** to search for places near the city you enter.
 - Touch **A Recent Destination** to search near a recently found location.
 - Touch **Favorite Destination** to search near a Favorite destination.
 - Touch **My Current Route** to search for places along your current route.

- Touch **My Destination** to search for places near your current route destination.

Viewing a List of Recently Found Locations

Your device stores the last 50 locations you have found.

From the main menu, touch **Where To? > Recently Found**.

Clearing the List of Recently Found Locations

From the main menu, touch **Where To? > Recently Found > ≡ > Yes**.

Finding a Destination Using Phone Book Listings

Phone book listings may not be available in all areas or countries.

1. From the main menu, touch **Where To? > White Pages**.
2. Select an option:
 - Touch **By Name** to search for a listing using first and last names.
 - Touch **By Phone Number** to search for a listing using a phone number.
3. Enter a name or a phone number.
4. Touch **Done**.
5. If necessary, touch a listing in the search results.

Finding Fuel Prices

Fuel prices may not be available in all areas or countries.

1. From the main menu, touch **Where To? > Fuel Prices.**

2. Touch  > **Fuel Type.**

3. Touch a fuel type.

4. Touch **Save.**

A list of fuel prices at nearby gas stations appears.

5. Touch a gas station.

Checking Movie Times

Movie times may not be available in all areas or countries.

1. From the main menu, touch **Where To? > Movie Times.**

2. Touch  > **Select Day.**

3. Touch an upcoming day.

4. Touch **Find By Movie Title** or **Find by Theater Name.**

5. Touch a movie title or a theater name.

Finding Local Events

Local events may not be available in all areas or countries.

1. From the main menu, touch **Where To? > Local Events.**

2. Touch  > **Select Day.**

3. Touch a category.

4. Touch an event.

Finding Parking

1. From the main menu, touch **Where To? > Parking > Find Parking.**

2. Touch a parking location.

Finding Your Last Parking Spot

The device saves your parking spot when you remove the device from the mount while it is operating on external power.

From the main menu, touch
Where To? > Parking > Last Spot.

Finding an Intersection

1. From the main menu, touch
Where To? > Intersection.
2. Select an option:
 - Touch **State or Country** to select a different country, state, or province.
 - Touch **Spell City** to enter the name of a city.
 - Touch **Search All** to search all cities in the selected country, state, or province.

3. Enter the first street name.
4. Enter the second street name.
5. If necessary, touch an intersection in the list.

About Favorites

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

Saving Your Current Location to Favorites

1. From the map page, touch the vehicle icon.
2. Touch **Save.**
3. Enter a name.
4. Touch **Done.**

The location is saved in **Favorites.**

Saving Locations to Favorites

1. Search for the location (page 6).
2. From the Go! page, touch  > **Save** > **OK**.

Finding Favorites

1. From the main menu, touch **Where To?**
2. If necessary, touch a category.
3. Touch a saved location.

Editing Favorites

1. From the main menu, touch **Where To?** > **Favorites**.
2. Touch a category.
3. Touch a favorite.
4. Touch the information balloon.
5. Touch  > **Edit**.
6. Select an option:
7. Edit the information.
8. Touch **Done**.

Planning a Trip

You can use the Trip Planner to create and save a trip with multiple destinations.

1. From the main menu, touch **Where To?** > **Trip Planner**.
2. Touch .
3. Touch **Select Start Location**.
4. Find a location for your starting point.
5. Touch **Select**.
6. Touch  to add additional locations to your map.
7. Touch **Next**.
8. Enter a name for your trip.
9. Touch **Done**.

Scheduling a Trip

Trip Planner allows you to set a departure time and trip duration.

1. From the main menu, touch **Where To? > Trip Planner**.
2. Touch a trip.
3. Touch a location.
4. Touch **Departure Time** (or **Arrival Time** if the location is not the first stop in the trip).
5. Touch a date and time.
6. Touch **Save**.
7. Touch **Duration**.
8. Select the amount of time you will spend at the location.
9. Touch **Save**.
10. If necessary, repeat steps 2–7 for each location.

Navigating a Saved Trip

1. From the main menu, touch **Where To? > Trip Planner**.
2. Touch a trip.
3. Touch **Go!**.

Editing a Saved Trip

1. From the main menu, touch **Where To? > Trip Planner**.
2. Touch a trip.
3. Touch .
4. Select an option:
 - Touch **Edit Destinations** to add or delete locations.
 - Touch **Optimize Order** to arrange your trip locations in the most-efficient order.
 - Touch **Delete Trip** to delete the entire trip.
 - Touch **Rename Trip** to edit the trip name.

Using the Map Buttons

1. From the main menu, touch **Where To? > Browse Map**.
2. Touch anywhere on the map.
 - Touch  and  to zoom in and out.
 - Touch  to switch between 2-D and 3-D views.
 - Touch  to rotate the view.

Browsing the Map by Touching the Screen

From the main menu, touch **Where To? > Browse Map**.

- Touch an area on the map to select a location.

An information balloon appears next to the location.
- Touch and drag the map to view different parts of the map.

- Tap the map twice to zoom in and center on a location.

Finding a Location Using the Map

1. From the main menu, touch **Where To? > Browse Map**.
2. Touch a location.

An information balloon appears next to the location.
3. Touch the information balloon.
4. Touch **Go!**.

Sending Found Places to Your Device

You can send locations to your device from various online sources, including <http://connect.garmin.com>.

1. Find a location on a supported Web site.
2. Follow instructions on the Web site to send the location to your myGarmin™ account.

3. Connect your device to your computer using a USB cable (page 42) to manually transfer locations to your device.

Locations sent to your myGarmin account are transferred automatically to Favorites (page 16) on your device through nūLink! services.

Simulating a Route to a Location

1. From the main menu, touch **Tools** > **Settings** > **System** > **GPS Simulator** > **On** > **Save**.
2. From the main menu, touch **Where To?** > **Browse Map**.
3. Touch an area on the map.
4. Touch **Go!**.

Entering Coordinates

If you know the geographic coordinates of your destination, you can use your device to navigate to your destination using the latitude and longitude coordinates. This can be especially helpful when geocaching.

1. From the main menu, touch **Where To?** > **Coordinates**.
2. Touch **Format** to select the correct coordinate format for the type of map you are using.
3. Touch the coordinate you want to adjust.
4. Enter the coordinates.
5. Touch **Done**.
6. Touch **Next**.

The coordinates are displayed on a map.

7. Touch  > **Set Location**.

About the Map Pages

Viewing the Map While Navigating

NOTICE

In no event shall Garmin be liable for any incidental, special, indirect, or consequential damages, including, without limitation, damages for any traffic fines or citations, whether resulting from the use, misuse, or inability to use the product or from defects in the product. Some states do not allow the exclusion of incidental or consequential damages, so the above limitations may not apply to you.

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

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

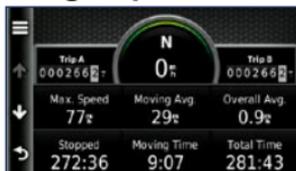
A speed limit icon displaying the current speed limit may appear as you travel on major roadways.



- Touch ① to view the next turn or junction view.
- Touch ② to view the turn list.
- Touch ③ to zoom in and out.
- Touch ④ to return to the main menu.

- Touch ⑤ to change the data field.
- Touch ⑥ to view information about your current location.
- Touch ⑦ and drag the map to view a different area of the map.
- Touch ⑧ to view trip information.
- Touch ⑨ to report a safety camera.

Viewing Trip Information



The trip information page displays your current 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, touch **Speed**.

Resetting Trip Information

1. From the map, touch **Speed** > .
2. Select an option:
 - Touch **Reset Trip Data** to reset the trip information.
 - Touch **Reset Max. Speed** to reset the maximum speed.
 - Touch **Reset Trip B** to reset the odometer.

Viewing the Turn List

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

1. While navigating a route, touch the text bar on the top of the map.



2. Select an option:
 - Touch a turn on the list to view the next turn.
 - Touch **☰** > **Show Map** to view the entire route on the map.

Viewing the Next Turn



Your next turn shows the turn on the map along with the distance and time left before you reach the turn.

While navigating a route, touch

the turn indicator in the upper-left corner to view the next turn.

Viewing the Junction View



On some device models, the junction view displays a view of some upcoming junctions and While navigating a route which lane you should be driving.

While navigating a route, touch the turn indicator in the upper-left corner to view the junction view.

Using the Pedestrian Navigation Map



In Pedestrian mode, your route is displayed on a two-dimensional map.

- Touch ① to view the next step in the route.
- Touch ② to view all of the steps in the route.
- Touch ③ to center the map on your current location
- Touch ④ to zoom in and zoom out.
- Touch ⑤ to change the data field.

Public Transit Options

If you have cityXplorer maps installed, your device calculates a route that uses a combination of public transit options, such as riding a bus or subway, and walking.

Go to www.garmin.com to purchase cityXplorer maps.

The , , , , , , and  icons indicate the navigation method for that section of the route. For example, when you see , board a bus at that point in the route.

The black dots on the map are public transit stops along your route.

About Traffic

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.

Traffic information may not be available in all areas or countries.

About the Traffic Icon

When you are receiving traffic information, a traffic icon  appears on the map. The traffic icon changes color to indicate the severity of traffic conditions on your route or on the road you are currently traveling.

| Color | Description | Meaning |
|--------|-----------------|--|
| Green | Low severity | Traffic is flowing normally. |
| Yellow | Medium severity | Traffic is slightly congested. |
| Red | High severity | Traffic is heavily congested or stopped. |
| Gray | No data | Traffic data has not updated. |

Traffic on Your Route

When calculating your route, the device examines the current traffic and automatically optimizes the route for the shortest time. If a severe traffic delay occurs on your route while you are navigating, the device automatically recalculates the route.

You might still be routed through traffic if no better alternative routes exist.

Manually Avoiding Traffic on Your Route

1. While navigating a route, touch .
2. Touch **Traffic On Route**.
3. If necessary, touch the arrows to view other traffic delays on your route.
4. Touch  > **Avoid**.

Viewing the Traffic Map

The traffic map shows color-coded traffic flow and delays on nearby roads.

1. From the map, touch .
2. Touch **Traffic Map** to view the traffic incidents on a map.

Searching for Traffic Delays

1. From the map, touch .
2. Touch **Traffic Search** to view a list of traffic delays.
3. Touch an item in the list to view delays on the road.
4. If there is more than one delay, touch the arrows to view additional delays.

Disabling Traffic

1. From the main menu, touch **Tools** > **Settings** > **System** > **Position Reporting** > **Off**.
2. Touch **Save**.

About Offers

While you are receiving traffic information, you will receive location-relevant offers and coupons with your traffic information. Ad-based traffic is only available in North America.

The traffic receiver must be connected to external power and you must be in a coverage area to receive ad-based traffic information.

Viewing Offers



Do not attempt to write down the coupon codes while driving.

1. Touch an offer that appears on the screen to search for the nearest location related to that offer.
2. If the offer shows an icon, touch the icon on the Go! page to receive a coupon code.
3. Write down this code and present it when you arrive at the location.

Viewing a List of Offers Received.

Touch **Tools** > **Offers** to view a list of offers you have received.

Disabling Offers

You must disable traffic in order to disable offers.

1. From the main menu, touch **Tools** > **Settings** > **System** > **Position Reporting** > **Off**.
2. Touch **Save**.

About nüLink! Services

nüLink! services may not be available in all areas or countries.

Your device includes a basic nüLink! subscription, which is activated when you first turn on your device. nüLink! services allow you to receive current information on fuel prices, flight times, and more.

To use these features, you must have a current nüLink! subscription, and your device must be receiving a nüLink! signal.

See www.garmin.com/nulink for more information.

Purchasing Additional nüLink! Services

You can purchase premium nüLink! services, such as real-time safety cameras and weather radar.

1. From the main menu, touch **Tools** > **nüLink!™ Store**.
2. Touch an option to view more details.
3. Touch **Upgrade** to purchase premium content.

Checking Your nüLink! Store Account Status

You can check the status of your nüLink! services subscription, including the billing status of your basic subscription and your premium content.

1. From the main menu, touch **Tools** > **nüLink!™ Store** >  > **Account Status**.

-
2. Touch an item in the list to view details.

Renewing nüLink! Services

After your subscription ends, you can renew your subscription to continue receiving nüLink! services.

1. From the main menu, touch **Tools > nüLink!™ Store >  > Account Status.**
2. Touch an item in the list.
3. Touch **Renew.**
4. Touch a purchase option:
5. Touch **Purchase.**
6. Enter your myGarmin password.

Viewing myGarmin Messages

nüLink! services allow you to receive messages from myGarmin.

If you have unread messages, the number of unread messages appears in a blue oval on the myGarmin icon.

myGarmin may not be available in all areas or countries.

1. From the main menu, touch **Tools > myGarmin.**
2. Touch a message.

About Safety Cameras

For available locations, the device includes the locations of hundreds of safety cameras. Your device alerts you when you are approaching a safety camera and can warn you if you are driving too fast.

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

Safety Camera Availability

Safety camera information may not be available in all areas or countries. Check <http://my.garmin.com> for availability. Safety camera information is not available in Switzerland. Safety camera information is disabled by default in Germany and Austria.

Use of the safety camera database may be a misdemeanor in certain European countries. Prior to using or enabling the safety camera database, inquire about the legal situation and possible legal consequences of using this database in the countries in which you intend to use it.

Garmin International and its affiliates accept no liability for the use of this safety camera database. Garmin International and its affiliates do not warrant or guarantee in any way as to the accuracy or exhaustiveness of

the safety camera database.

Reporting Safety Cameras

You can report safety cameras, including red light cameras and radar guns, as you encounter them.

From the map, touch  >
Report Safety Camera.

NOTE: If  does not appear, you can touch the speed limit icon to report safety cameras.

The location of the safety camera is shared with other users.

Turning Off Safety Cameras

1. From the main menu, touch **Tools Settings > Navigation > Automobile > Alerts.**
2. Clear the **Garmin Safety Cameras** check box.
3. Touch **Save.**

About the Hands-Free Features

To use the hands-free features, you must pair your phone and your device. For more information, see www.garmin.com/bluetooth.

Pairing Using Your Phone Settings

Before you can pair and connect, your phone and the device must be turned on and within 33 ft. (10 m) of each other.

1. Enable the Bluetooth component on your phone.
2. On your device, touch **Tools > Settings > Bluetooth > Bluetooth**.
3. Touch **Enabled > Save**.
4. Touch **Add Phone > OK**.
5. Select your phone.

6. Touch **OK**.
7. Enter the device Bluetooth PIN (**1234**) into your phone.

Pairing Using the Device Settings

1. From the main menu of the device, touch **Tools > Settings > Bluetooth > Phone > +**.
2. Enable the Bluetooth component on your phone.
3. Enable Find Me/Discoverable/Visible mode on your phone.

NOTE: This might be in a menu called Settings, Bluetooth, Connections, or Hands-free.

4. Touch **OK** on the device.
5. Select your phone from the list of devices.
6. Touch **OK** on the device.
7. Enter the device Bluetooth PIN (**1234**) in your phone.

About Paired Devices

- After the initial pairing, the two devices can connect automatically each time you turn them on.
- You might have to set your mobile phone to connect to the device automatically when it is turned on.
- When your phone is connected to your device, you are ready to make phone calls.
- When you turn on the device, it attempts to connect to the last phone to which it was connected.

Calling a Number

Before you can call a number using your device, you must pair your phone and your device.

1. From the main menu, touch **Phone > Dial**.
2. Enter the number.
3. Touch **Dial**.

Receiving a Call

When you receive a call, the Incoming Call window appears.

- Touch **Answer** to answer the call.
- Touch **Ignore** to ignore the call.

Using the Device During a Call

During a call,  appears on the map and **Phone** appears on the main menu. Depending on the screen shown on your device, the In Call icon could look different.

1. On the map, touch .
2. Select an option:
 - Touch **Use Handset** to turn off the device but remain on the call.
 - Touch **Keypad** to view a keypad page for using automated systems such as voice mail.
 - Touch **Mute** to mute the microphone.
 - Touch **End Call** to end the call.

Using Call Waiting

When you are on a call and you receive a second call, the Incoming Call screen appears.

1. Touch .
2. Touch **Switch To**.
3. When you are finished with the call, touch **End Call** to hang up.
This does not disconnect the call on hold.

Accessing the Phone Menu

From the main menu, touch **Phone**.

NOTE: Not all phones support all features of the device Phone menu.

About Your Phone Book

Each time your phone connects with the device, the phone book is automatically loaded into the device. It can take a few minutes for the phone book to be available. Phone book transfer is not available on all phones.

Using Your Phone Book

1. From the main menu, touch **Phone > Phone Book**.
2. Touch the phone book entry (contact) you want to call.

Dialing a Point of Interest

1. From the main menu, touch **Phone > Points of Interest**.
2. Search for the point of interest you want to call.
3. Touch **Call** or touch the phone number.

Dialing a Number

1. From the main menu, touch **Phone > Dial**.
2. Enter the number.
3. Touch **Dial**.

Viewing Your Call History

Each time your phone connects to the device, your call history is automatically transferred to the device. It may take a few minutes to transfer this data to the device.

1. From the main menu, touch **Phone > Call History**.
2. Touch a category.

The calls are listed in chronological order. The most-recent calls are at the top of the list.

3. Touch an entry.
4. Touch **Dial**.

Entering Your Phone Number

You can enter the phone number you want the device to call when you touch **Call Home**.

1. From the main menu, touch **Phone > Call Home**.
2. Touch **Enter Phone Number**.
3. Enter the phone number.
4. Touch **Done > Yes**.

The device dials your home phone number.

Calling Home

From the main menu, touch **Phone > Call Home**.

Placing Calls Using Voice Dial

Before you can place calls by speaking the name of the contact, you may need to train your phone to recognize your voice dial commands. Refer to your phone instructions.

1. From the main menu, touch **Phone > Voice Dial**.
2. Speak the contact name.

Checking the Phone Battery Level and Signal Strength

From the main menu, touch **Phone > Phone Status**.

About Ciao!™

Ciao! periodically sends your location to our partner networks and downloads the most-recent location of your friends. This application only submits your location when you tell it to, unless you enable automatic updates. See www.garmin.com/nulink for more information.

Ciao! may not be available in all areas or countries.

About Ciao! Networks



Use caution when sharing your location information with others.

Ciao! may support multiple location-based social networks.

When you enable Ciao!, the network or networks you will be registered with appear in the terms of service.

Enabling Ciao!

Before you can join Ciao!, you must register your device ([page 68](#)).

1. From the main menu, touch **Tools** > **Ciao!** > **Agree**.
2. On your computer, go to the URL that appears on the device screen, and read the Terms of Service.
3. Touch **Continue** to accept the Terms of Service.

About the Ciao! Friend List

When you start Ciao!, the friend list appears.

If you are receiving updates from a friend, the distance and direction to the friend appears on the right side of the screen.

The status of a friend appears below their name. If you are receiving updates from a friend, their custom

status message appears. These statuses may appear if you are not receiving updates from a friend.

- **Invited**—You have invited this friend, but he or she has not yet accepted your invitation.
- **Pending**—This friend has invited you, but you have not yet accepted his or her invitation.
- **Hidden**—This friend has temporarily disabled updates.

Updating Your Ciao! Status Message

1. From the main menu, touch **Tools** > **Ciao!** >  > **Update**.
2. Enter a status message with up to 255 characters.
3. Touch **Done**.

Updating Your Ciao! Status Message on Social Networking Sites

NOTE: You must set up and configure your social networking sites on myGarmin before you can publish your status to them using Ciao!.

1. From the main menu, touch **Tools** > **Ciao!** >  >  > **Publishing Settings**.
2. Select the name of the social networking site.
3. Touch **Done**.

Changing Your Ciao! Visibility

You can choose whether to send location updates to your Ciao! friends by changing your visibility.

- From the main menu, touch **Tools** > **Ciao!** >  >  > **Hide** > **Yes**.

Your friends will not be able to view your location and status information.

- Touch  > **Show** > **Yes** to make your information visible again.

Accepting or Declining a Ciao! Invitation

1. From the main menu, touch **Tools** > **Ciao!**.
2. Touch the friend who sent you the invitation.
3. Touch **Accept** or **Decline**.

Inviting a Friend by Phone Number

1. From the main menu, touch **Tools** >  > **Invite by phone number**.
2. Enter the name of the country where your friend is located.
3. Touch a country.
4. Touch **Save**.
5. Enter a phone number in the proper format for the country you selected.

For example, for the United States, enter a ten-digit phone number, including the area code.

6. Touch **Done**.
7. Touch **Send Invite**.

The friend you invited appears in your friends list. Your friend must accept your invitation before you can view your friend's location.

Inviting a Friend by E-mail Address

1. From the main menu, touch **Tools** > **Ciao!** >  > **Invite by E-mail address**.
2. Enter the e-mail address that your friend has registered with Ciao!.
3. Touch **Done**.

The friend you invited appears in your friends list. Your friend must accept your invitation before you can view your friend's location.

Viewing a Friend's Ciao! Details

1. From the main menu, touch **Tools** > **Ciao!**. The friends list appears.
2. Touch a friend in the list.

Viewing the Location of a Friend

1. From the main menu, touch **Tools** > **Ciao!**.
2. Touch a friend in the list.
3. Select an option:
 - Touch  > **View Map** to view your friend's location on the map.
 - Touch  > **Save** to save your friend's location as a favorite.
 - Touch **Go!** start a route to your friend's location.
 - Touch **Call** to call your friend on a connected mobile phone (page 31).
 - If the GPS simulator is enabled, touch **Set Location** to set your friend's location as your current location.

Removing a Friend

To stop sharing location information with a friend, you can remove that friend from Ciao!.

1. From the main menu, touch **Tools** > **Ciao!**.
2. Touch a friend in the list.
3. Touch  > **Remove**.
4. Touch **Yes**.

Disabling Ciao!

You can disable the Ciao! service on your device if you no longer want to use it.

NOTICE

If you disable Ciao!, you will be unregistered from Ciao! and our partner networks, and all Ciao! friends and Ciao! data will be removed from your device.

1. From the main menu, touch **Tools** > **Ciao!** > .
2. Touch  > **Disable Ciao!** > **Yes**.

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.

Compatible File Types

The device supports multiple file types.

- .jpg image files.
- Maps and .gpx waypoint files from MapSource® ([page 66](#)).
- .gpi custom POI files from Garmin POI Loader ([page 66](#)).

About Memory Cards

You can purchase memory cards from an electronics supplier, or purchase preloaded MapSource detailed map data cards from your Garmin dealer. 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

1. Insert a memory card into the slot.
2. Press it in until it clicks.

Connecting Your Device to Your Computer

1. Connect the larger end of the USB cable to a USB port on your computer.
2. Connect the micro-USB connector to the device.

The myGarmin Agent™ appears. This service monitors your computer USB ports and allows you to easily check for available updates.

Two additional drives (volumes) appear in the list of drives on your computer. One is the internal memory of the device. The other is the memory card.

NOTE: Some computers with multiple network drives may not display your device drives. See your operating system Help file to learn how to map the drives.

Transferring Files to Your Computer

1. Connect your device to your computer.
2. Browse your computer for the file you want to copy.
3. Highlight the file.
4. Click **Edit > Copy**.
5. Open the “Garmin” or memory card drive/volume.
6. Select **Edit > Paste Item**.
The file appears in the list of files in the device memory or on the memory card.
7. Repeat steps 1–6 to transfer additional files.

Deleting Files from Your Device

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. Be especially cautious of folders entitled “Garmin.”

1. Connect your device to your computer ([page 42](#)).
2. Open the “Garmin” drive or volume.
3. If necessary, open a folder or volume.
4. Select a file.
5. Press the **Delete** key on your keyboard.

Disconnecting the USB Cable

1. Complete an action:
 - For Windows computers, click  in your system tray.
 - For Mac computers, drag the volume icon into the **Trash** .
2. Disconnect the cable from your computer.

Using the Tools

Accessing the Device Settings

For information about the settings, see [pages 53–60](#).

Viewing Current Location Information

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

1. From the main menu, touch **Tools** > **Where Am I?**
2. Touch **Hospitals, Police Stations**, or **Fuel** to view the nearest locations in that category.

Using Help

From the main menu, touch **Tools** > **Help** to get information about using your device.

Searching Help Topics

1. From the main menu, touch **Tools** > **Help** > .
2. Enter a search term.
3. Touch **Done**.

About ecoRoute™

The ecoRoute feature calculates your vehicle fuel economy, carbon footprint, and the fuel price of navigating to a destination, and offers tools for improving fuel efficiency.

The data provided by the ecoRoute feature are estimates only. The data is not actually read from your vehicle. To receive more-accurate fuel reports for your specific vehicle

and driving habits, calibrate the fuel economy (page 45).

Using ecoRoute

The first time you use the ecoRoute features, you must enter vehicle information.

1. From the main menu, touch **Tools** > **ecoRoute**.
2. If necessary, enter fuel and mileage information.
3. Touch **Done**.

Calibrating the Fuel Economy

Calibrate the fuel economy to receive more accurate fuel reports for your specific vehicle and driving habits. Calibrate when you fill up your fuel tank.

1. From the main menu, touch **Tools** > **ecoRoute** > **At the Pump**.
2. Enter the current fuel price.
3. Enter how much fuel your vehicle has used since the last fill up.
4. Enter the distance you have traveled since the last fill up.
5. Touch **Next**.

The device calculates your average fuel economy.

About ecoChallenge

ecoChallenge helps you maximize your fuel economy by scoring your driving habits. The higher your ecoChallenge scores, the more fuel you save. ecoChallenge collects data and calculates a score whenever your device is moving and in Automobile transportation mode.

Viewing Your ecoChallenge Scores

From the main menu, touch **Tools**
> **ecoRoute** > **ecoChallenge**.

About Your ecoChallenge Score

The leaf color on the ecoChallenge icon changes depending on your performance in the challenge.

Overall—displays an average of the speed, acceleration, and braking score.

Speed—displays your score for driving at the optimal speed for conserving fuel (45-60 mph for most vehicles).

Acceleration—displays your score for smooth and gradual acceleration. You lose points for rapid acceleration.

Braking—displays your score for smooth and gradual braking. You lose points for hard braking.

Removing the ecoChallenge Score From the Map

1. From the map, touch  >  > **Settings** > **Hide**.
2. Touch **Save**.

Resetting ecoChallenge

1. From the map, touch  >  > **Reset**.
2. Touch **Yes**.

Viewing Fuel Economy Information

1. From the main menu, touch **Tools** > **ecoRoute** > **Fuel Economy**.
2. Touch a section of the graph to zoom in.

Resetting Your Vehicle Profile

1. From the main menu, touch **Tools** > **ecoRoute** > **Vehicle Profile**.
2. Touch  > **Reset**.
3. Touch **Yes**.

Viewing the Mileage Report

Mileage reports provide the distance, the time, the average fuel economy, and the fuel cost of navigating to a destination.

A mileage report is created for every route that you drive. If you stop a route on your device, a mileage report is created for the distance you traveled.

You can view up to 20 mileage reports on your device. You can also access mileage reports in the Reports folder on your device drive/volume.

1. From the main menu, touch **Tools** > **ecoRoute** > **Mileage Report**.
2. Touch a report.

Resetting ecoRoute Data

1. From the main menu, touch **Tools** > **ecoRoute**.
2. Touch the category you want to reset.
3. Touch **Reset**.

Viewing Weather Information

CAUTION

The weather information provided through this product is subject to service interruptions and may contain errors, inaccuracies, or outdated information, and consequently should not be relied upon exclusively. Always use common sense while driving or navigating, and check alternate weather information sources prior to making safety-related decisions. By purchasing, you acknowledge and agree that you shall be solely responsible for use of the weather information and all decisions made with respect to driving or navigating in unsafe weather conditions.

Weather information may not be available in all areas or countries.

1. From the main menu, touch **Tools** > **Weather**.

Weather data for your current location appears.

You can also view the weather by touching the current temperature icon in the status bar at the top of the main menu.

2. Touch a day in the forecast to view weather information for that day.

Viewing Weather for a Different Location

From the main menu, touch **Tools** > **Weather**.

- Touch **Current Location** to change your current location.
- Touch **Current Location** > **Add City** to view weather information for a different location.

- Touch  > **Favorite Cities** to view weather information for cities you have added.

Viewing the Weather Radar

The weather radar service is available through your nüLink! subscription as premium content. For more information about purchasing nüLink! subscriptions, see [page 28](#).

You can view a weather map that displays precipitation (if any) near a location.

1. From the main menu, touch **Tools** > **Weather**.
2. Touch  > **Weather Radar**.

TIP: The weather radar icon  may appear on the map page. The weather icon changes to notify you when inclement weather (rain, snow, rain/snow mix, high winds, hail, or thunderstorms) is near your

current location. For example, the weather icon changes to  if rain is near your current location.

About Weather Alerts

Weather alerts are available through your nüLink! subscription as premium content. Weather alerts appear on the map to warn you of severe weather conditions.

For more information about purchasing nüLink! subscriptions, see [page 28](#).

Viewing Flight Information

Flight information may not be available in all areas or countries.

1. From the main menu, touch **Tools** > **Flight Status**.
2. Touch a nearby airport.
3. Select an option to find a flight:

- Touch **Check Flight Number** to search by flight number.
 - Touch **Search Arrivals** to search by arrival.
 - Touch **Search Departures** to search by departure.
4. Touch a flight.
 5. If your flight has multiple connections, touch **Next Leg** to check the next flight.

Using the Picture Viewer

View pictures that you have stored in your device or on a memory card.

1. From the main menu, from the main menu, touch **Tools** > **Picture Viewer**.
2. Select an option:
 - Touch the arrows to scroll through the images.
 - Touch a picture to view a larger image of it.

- Touch  to view a slide show of the pictures.
- Touch anywhere on the screen to stop the slide show.

Showing a Picture at Startup

1. From the main menu, touch **Tools** > **Picture Viewer**.
2. Touch a picture.
3. Touch  > **Show at Startup**.
4. Touch **Yes**.
5. Touch **Save**.

Deleting Pictures

1. From the main menu, touch **Tools** > **Picture Viewer**.
2. Touch a picture.
3. Touch  > **Delete**.
4. Touch **Yes**.

Using Photo Navigation

You can navigate to photos that include location information, called geotags. Go to <http://connect.garmin.com/photos> for more information.

1. From the main menu, touch **Where To? > Favorites > Photos**.
2. Touch a photo.
3. Touch an option.

Using the Currency Converter

Currency conversion rates update automatically through your nūLink! service ([page 28](#)).

NOTE: nūLink! services are not available in all areas or countries.

1. From the main menu, touch **Tools > Currency**.
2. Touch a currency button to change the currency.

3. Touch a currency.
4. Touch **Save**.
5. Touch the amount next to the currency you want to convert.
6. Touch **Done**.

Using the World Clock

The World Clock displays the time at your current location and at three selected cities.

1. From the main menu, touch **Tools > World Clock**.
2. Touch one of the cities to change a listed city.
3. Enter a city name.
4. Touch **Done**.
5. If necessary, select the correct city.

Viewing the World Map

Touch  to view the world map. Nighttime hours are shown in the shaded area.

Using the Calculator

Touch **Tools** > **Calculator**.

Using the Unit Converter

1. From the main menu, touch **Tools** > **Unit Converter**.
2. Touch the button next to **Convert**.
3. Touch a type of measurement.
4. Touch **Save**.
5. Touch a unit of measure that you want to change.
6. Touch a unit of measure.
7. Touch **OK**.
8. Touch the number field.
9. Enter a value.
10. Touch **Done**.

Customizing the Device

1. Touch **Tools** > **Settings**.



2. Touch the setting you want to change.

System Settings

From the main menu, touch **Tools** > **Settings** > **System**.

- **GPS Simulator**—stops the device from receiving a GPS signal, and saves battery power.
- **Units**—allows you to change the units of measure to kilometers or miles.
- **Time Format**—allows you to

select a 12-hour, 24-hour, or UTC display time.

- **Current Time**—allows you to manually change the time.
- **Position Reporting**—sends your position data to Garmin to improve the quality of received content.

NOTE: If you turn off position reporting, you will not receive traffic information.

- **Safe Mode**—disables all functions that require significant operator attention and could become a distraction while driving.
- **Garmin Lock**—locks the device ([page 62](#)).
- **About**—displays the device software version number, unit ID number, and information on several other software features. You need this information when

you update the system software or purchase additional map data (pages 66).

- **End User License Agreements**—displays the device end user license agreements.

Automobile Navigation Settings

From the main menu, touch **Tools > Settings > Navigation > Automobile**.

- **nüRoute™**—(page 56)
- **Map Detail**—sets the level of detail on the map. More detail may result in slower map drawing.
- **Map View**—sets the perspective on the map page.

- **Map Theme**—changes the color of the map data.
- **Map Data Layout**—changes the amount of data visible on the map.
- **Vehicle**—changes the icon used to display your position on the map. Go to www.garmin.com for more icons.
- **Trip Log:**
 - **Show on Map**—displays the path of your travels on the map.
 - **Clear Trip Log**—clears the trip log.
- **Proximity Points**—changes the proximity points setting.

Changing the Map Perspective

1. From the main menu, touch **Settings > Navigation > Automobile > Map View**.
2. Select an option:
 - Touch **Track Up** to display the map in two dimensions (2-D) with your direction of travel at the top.
 - Touch **North Up** to display the map in 2-D with North at the top.
 - Touch **3-D** to display the map in three dimensions (3-D) in Track Up.
3. Touch **Save**.

Proximity Points Settings

This option is visible only if you have proximity points or safety cameras loaded on your device. Proximity points include custom POIs and safety camera databases. Go to www.garmin.com/extras for more information.

Touch **Tools > Settings > Navigation > Automobile > Proximity Points**.

- **Alerts**—enables or disables alerts that sound as you approach proximity points.
- **Audio**—sets the type of alerts that sounds as you approach proximity points.

Route Preferences

The route calculation is based on road speeds and vehicle acceleration data for a given route.

From the main menu, touch **Tools > Settings > Navigation > Automobile > nüRoute > Calculation Mode**.

- **Faster Time**—calculates routes that are faster to drive but could be longer in distance.
- **Shorter Distance**—calculates routes that are shorter in distance but could take more time to drive.
- **Less Fuel**—calculates routes that could use less fuel than other routes.
- **Prompted**—calculates the Faster Time, Shorter Distance, and Less Fuel routes and allows you to view them all on the map prior to selecting the route.

- **Off Road**—calculates point-to-point routes (without regard to roads).

Using Prompted Route Calculation

Prompted route calculation creates routes in multiple modes, and allows you to select the mode you want.

1. From the main menu, touch **Tools > Settings > Navigation > Automobile > nüRoute**.
2. Touch **Calculation Mode > Prompted > Save**.

When you start a route, your device calculates the route using Faster Time, Shorter Distance, and Less Fuel calculation modes. A preview of each route type appears on the screen.

3. Use the arrows to select a route type.
4. Touch **Go!**.

Avoiding Road Features

1. From the main menu, touch **Tools > Settings > Navigation > Automobile > nüRoute > Avoidances**.
2. Touch the road features to avoid on your routes.
3. Touch **Save**.

About trafficTrends™

When the trafficTrends feature is enabled, your device uses historic traffic information to calculate more-efficient routes. Different routes may be calculated based on traffic trends for the day of the week or based on the time of day.

The historic traffic information used by trafficTrends is uploaded to Garmin when you connect your device to myGarmin using your computer. Go to <http://my.garmin.com> for more information.

Enabling trafficTrends

1. From the main menu, touch **Tools > Settings > Navigation > Automobile > nüRoute > trafficTrends**.
2. Touch **Enabled**.
3. Touch **Save**.

About myTrends™

When you enable myTrends, estimated travel times and traffic information for your frequent destinations appear in the navigation bar at the top of the map.

To activate myTrends information, you must add your frequent destinations to Favorites.

After you have completed routes to your frequent destinations on multiple occasions, myTrends information appears in the navigation bar.

Enabling myTrends

1. From the main menu, touch **Tools > Settings > Navigation > Automobile > nüRoute > myTrends**.
2. Touch **Enabled**.
3. Touch **Save**.

Creating a Route with myTrends

1. When myTrends information appears in the navigation bar, touch the navigation bar to view a route summary for the suggested destination.
2. Touch **Go!** to start a route to that destination.

Pedestrian Navigation Settings

From the main menu, touch **Tools > Settings > Navigation > Pedestrian**.

- **Limit Walking**—controls how much of a public transit route will include walking.
- **Public Transit**—avoids selected transit types.
- **Trip Log**—displays the path of your travels on the map.

Avoiding Transit Types

Transit types are only available when cityXplorer maps are loaded.

Go to www.garmin.com to purchase cityXplorer maps.

1. From the main menu, touch **Tools > Settings > Navigation > Pedestrian > Public Transit**.
2. Touch the transit type to avoid on your routes.
3. Touch **Save**.

Display Settings

From the main menu, touch **Tools > 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**).
- **Brightness**—changes the brightness of the screen. Decreasing the brightness can save battery power.
- **Display Timeout**—sets how the screen automatically shuts off if the device is inactive for the selected length of time.
- **Screenshot**—allows you to take a picture of the device screen.

Taking Screenshots

1. From the main menu, touch **Tools > Settings > Display > Screenshot**.
2. Touch **Enabled**.
3. Touch **Save**.
4. Touch the camera icon in the upper-right corner of the screen to save an image of the content on the screen.

The picture bitmap file is saved in the **screenshots** folder on the device drive ([page 42](#)).

Language Settings

From the main menu, touch **Tools > 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 Language**—sets the language for your keyboard.
- **Keyboard Layout**—sets the keyboard layout.

Restoring the Original Device Settings

1. From the main menu, touch **Tools**.
2. Touch a setting.
3. Touch  **> Restore**.

Appendix

About GPS Satellite Signals

The  icon in the upper-left corner of the status bar indicates the GPS signal strength. When at least one of the lines is green, your device has acquired satellite signals.

The more green lines, the stronger the GPS signal. If the device is not receiving GPS signals, a red x appears.

For troubleshooting information about acquiring satellites, see [page 70](#).

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

Viewing Detailed GPS Signal Information

1. From the application tray, touch **Where Am I?**
2. Touch the information balloon.
3. Touch  > **Satellite Info**.

Caring for Your Device

- 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 Unit

The device is constructed of high-quality materials and does not require user maintenance other than cleaning.

- Clean the outer casing of the unit (not the touchscreen) using a cloth dampened with a mild detergent solution, and then wipe it dry.
- Avoid chemical cleaners and solvents that can damage plastic components.

Cleaning the Touchscreen

1. Apply water, isopropyl alcohol, or eyeglass cleaner to a soft, clean, lint-free cloth.
2. Gently wipe the touchscreen.

Avoiding Theft

- Remove the device and mount from sight when not in use.

- Do not keep your unit in the glove compartment.
- Remove the residue on the windshield left by the suction cup.
- Register your product at <http://my.garmin.com>.
- Use the Garmin Lock feature.

Enabling Garmin Lock™

If you forget your PIN and your security location, you must send your device to Garmin to get it unlocked. You must also send a valid product registration or proof of purchase.

1. Go to your security location. Ensure your device is receiving satellite signals.
2. From the main menu, touch **Tools** > **Settings** > **System** > **Garmin Lock** > **Lock Device**.
3. Touch **Enabled**.

4. Touch **Save**.
5. Enter a four-digit PIN.
6. Touch **Done**.

Each time you turn on the device, you must enter the PIN or drive to the security location.

Retrieving Your PIN

If you forget your PIN and your security location, you must send your device to Garmin to get it unlocked. You must also send a valid product registration or proof of purchase.

About the Security Location

Your security location should be a location you return to often, such as your home. If the device has satellite signals and you are at the security location, you do not need to enter the PIN.

Calibrating the Screen

If the touchscreen is not responding properly, calibrate the touchscreen.

1. Turn off the device.
2. Press and hold the upper-left corner of the screen.
3. Turn on the device.
4. Continue pressing the upper-left corner of the screen for about 30 seconds, until the calibration page appears.
5. Follow the on-screen instructions.

Clearing User Data

NOTICE

This deletes all user-entered information.

1. Hold your finger on the lower-right corner of the device screen while turning on the device.
2. Keep your finger pressed until a message appears.
3. Touch **Yes** to clear all user data.

All original settings are restored.

Battery Information

 in the status bar indicates the status of the internal battery.

Fully discharge the battery and then fully charge it to increase the accuracy of the battery gauge.

Do not unplug the device until it is totally charged.

Maximizing the Battery Life

- From the application tray, touch **Settings > Display > Brightness** to turn down the backlight.
- From the application tray, touch **Settings > Display > Screen Timeout** to reduce the timeout length.
- Do not leave your device in direct sunlight.
- Avoid prolonged exposure to excessive heat.

Mounting on Your Dashboard

NOTICE

The **permanent** mounting adhesive is extremely difficult to remove after it is installed.

A mounting disk is included in some device packages. Use the mounting disk to mount your device to the

dashboard and comply with certain state and local regulations.

1. Clean and dry the dashboard where you are placing the disk.
2. Remove the backing from the adhesive on the bottom of the disk.
3. Place the disk on the dashboard.
4. Remove the clear plastic cover from the top of the disk.
5. Place the suction cup mount on top of the disk.
6. Flip the lever down (toward the disk).

Removing the Device 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.

nüMaps Guarantee™

To receive one free map update (if available), register your device at <http://my.garmin.com> within 60 days of acquiring satellites while driving with your device. You are not eligible for the free map update if you register by phone or wait longer than 60 days after the first time you acquire satellites while driving with your device. For more information, go to www.garmin.com/numaps.

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, go to www.garmin.com, and click on **Maps**.

Purchasing Additional Maps

You can purchase maps of other areas for your device.

1. Go to your device product page on the Garmin Web site (www.garmin.com).
2. Click the **Maps** tab.
3. Follow the on-screen instructions.

About Extras

You can download additional content, such as custom POIs, from www.garmin.com/extras.

Custom POIs are customized points on the map. They can contain alerts that let you know if you are near a designated point or if you are traveling faster than a specified speed.

You can create or download custom POI lists and install them on your

device using POI loader software available at www.garmin.com/products/poiloader. See the POI Loader help file for more information.

Finding Extras

1. From the main menu, touch **Where To? > Extras**.
2. Touch a category.

Garmin Travel Guide

The Garmin Travel Guide provides detailed information about places, such as restaurants and hotels. To purchase an accessory, go to <http://buy.garmin.com> or contact your Garmin dealer.

Using the Garmin Travel Guide

1. Insert the memory card containing the Garmin Travel Guide into your device.

2. From the main menu, touch **Where To? > Extras**.
3. Touch the name of your travel guide to open it.

Contacting Garmin Product Support

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

- In the USA, go to www.garmin.com/support, or contact Garmin USA by phone at (913) 397.8200.
- In the UK, contact Garmin (Europe) Ltd. by phone at 0800 2380000.
- In Europe, go to www.garmin.com/support and click **Contact Support** for in-country support information, or contact Garmin (Europe) Ltd. by phone at +44 (0) 870.8501241.

Registering Your Device

Help us better support you by completing our online registration today.

- Go to <http://my.garmin.com>.
- Keep the original sales receipt, or a photocopy, in a safe place.

Updating the Software

1. Connect the device to your computer using the micro-USB cable.

The AutoPlay menu opens.

2. Select an option:
 - If you are using a PC, double-click  to open the myGarmin Agent Web page.
 - If you are on a Mac[®] computer, go to www.garmin.com/agent.

- If the AutoPlay menu does not open, go to www.garmin.com/agent.

3. Follow the on-screen instructions.

After you have installed myGarmin Agent, you will be prompted to open myDashboard when you connect your device to your computer.

myDashboard checks your device for current software and provides additional information about your device.

Specifications

Physical size (W × H × D): 5.52 × 3.45 × 0.74 in. (14.02 × 8.76 × 1.89 cm)

Weight: 8.17 oz. (231.6 g)

Display: 5.0 in. diagonal, 480 × 272 pixels; 64K colors; bright WQVGA TFT landscape display; white backlight; touchscreen

Case: Not waterproof (IPX0)

Operating temperature range:
From 32°F to 140°F (From 0°C to 60°C)

Charging temperature range:
From 32°F to 113°F (From 0°C to 45°C)

Data storage: Internal memory and optional removable microSD card. Data stored indefinitely.

Computer interface: USB 2.0 full speed mass storage

Operating system: Garmin

Charge time: Up to 4 hours

Power input: Vehicle power using included vehicle power cable or AC power using an optional accessory

Usage: 7 Watts max.

Battery life: Up to 3 hours

Battery type: Non-user-replaceable, rechargeable lithium-ion battery

GPS receiver: High-sensitivity with HotFix™

Acquisition times*:
Warm: <1 second
Cold: <38 seconds
Factory Reset: <45 seconds

*Average acquisition times for a stationary receiver with a clear view of the sky.

Troubleshooting

| Problem/Question | Solution/Answer |
|--|---|
| My device never gets satellite signals. | Ensure the GPS simulator is turned off. <ol style="list-style-type: none"> 1. From the main menu, touch Settings > System > General > GPS Simulator > Off. 2. Take your device out of parking garages and away from tall buildings and trees. 3. Remain stationary for several minutes. |
| My device does not charge in my vehicle. | Ensure the vehicle is turned on and is supplying power to the power outlet. 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 a hot environment, it cannot charge. |
| My battery does not stay charged for very long. | To maximize the time between charges, turn down the backlight. Touch Tools > Settings > Display > Brightness . |
| How do I clear all of my user data? | <ol style="list-style-type: none"> 1. Hold your finger on the lower-right corner of the device screen while it is turning on. 2. Keep your finger pressed until the message appears. 3. Touch Yes to clear all user data. |
| My battery gauge does not seem accurate. | Allow the unit to fully discharge, and fully charge it (without interrupting the charge cycle). |
| The touchscreen is not responding to my touches. | Calibrate the touchscreen as described on page 63 . |

| Problem/Question | Solution/Answer |
|---|---|
| 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. Also, you should see two new removable disk drives listed in My Computer . |
| My computer never senses that the device is connected. | <ol style="list-style-type: none"> 1. Unplug the USB cable from your computer. 2. Turn off the device. 3. 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. |
| I cannot see any new removable drives in my list of drives. | If you have several network drives mapped on your computer, Windows can have trouble assigning drive letters to your device drives. See your operating system Help file to learn how to map or assign drive letters. Ensure your device is connected to a USB port and not to a USB hub. |
| How can I find restaurants near the hotel I will be staying at in the future? | <ol style="list-style-type: none"> 1. From the main menu, touch Where To? >  > Near. 2. Touch A Favorite Destination. 3. Touch a destination. 4. Touch Points of Interest > Food and Drink. 5. Touch a category. Your device searches for locations near the hotel. 6. Touch a restaurant. |
| My phone will not connect to the device. | <ul style="list-style-type: none"> • From the main menu, touch Tools > Settings > Bluetooth. Verify that the Bluetooth field is set to Enabled. • Ensure your phone is turned on and is less than 33 feet (about 10 meters) away from your device. See www.garmin.com/bluetooth for more help. |

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For the latest free software updates (excluding map data) throughout the life of your Garmin products, visit the Garmin Web site at www.garmin.com.



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