



nüvi® 465 owner's manual



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Warning Icons

Restriction Warnings		Road Condition Warnings		Other Warnings	
	Height		Risk of Grounding		Weigh station
	Weight		Lateral Wind		Non-preferred Road
	Axle Weight		Narrow Road		
	Length		Sharp Curve		
	Width		Steep Down Hill		
	No Trucks Allowed		Tree Overhang		
	No Trailers Allowed				
	No Hazardous Materials Allowed				
	No Flammables Allowed				
	No Water Pollutants Allowed				

WARNING: Entering your truck profile characteristics does not guarantee that your vehicle's characteristics will be accounted for in all route suggestions or that you will receive the above warning icons in all cases. Limitations may exist in the map data such that your nūvi cannot account for these restrictions or road conditions in all cases. Always defer to all posted road signs and road conditions when making driving decisions.

Getting Started

Looking at Your nüvi



 Power key:

Slide to the left to turn the nüvi on/off; slide to the right to lock the screen.



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

WARNING: This product contains a lithium-ion battery. To prevent damage, remove the unit from the vehicle when exiting or store it out of direct sunlight.

Using Your nüvi



- 1 GPS satellite strength.
- 2 Bluetooth® technology status.
- 3 Usage mode—touch to switch between truck and automobile usage mode.
- 4 Battery status.
- 5 Current time—touch to change time settings.
- 6 Touch to find a destination.
- 7 Touch to view the map.
- 8 Touch to make a call when connected to a [compatible mobile phone](#).
- 9 Touch to adjust the volume.
- 10 Touch to use the tools.

Setting Up Your nüvi

Attaching the Adhesive Disk and the Mounting Base to Your Dashboard



NOTE: The permanent adhesive disk is extremely difficult to remove.

1. Clean and dry the area where you want to place the mounting base.
2. Select the adhesive disk you want to use, and remove one side of the backing.



Temporary Disk



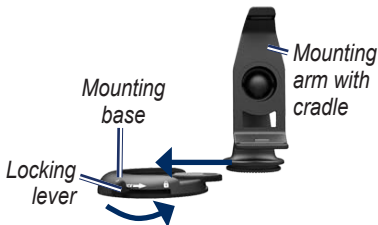
Permanent Disk

3. Place the adhesive disk on the bottom of the mounting base, and remove the other side of the backing.

4. Place the mounting base so that the locking lever is facing you. Position the base on the cleaned area. Apply pressure to adhere the base to the dashboard.
5. Snap the cradle onto the mounting arm.



6. Slide the mounting arm with cradle attached into the mounting base.



7. Slide the locking lever into the locked position.

Mounting Your nüvi

1. Plug the vehicle power cable into the back of your nüvi.
2. Fit the bottom of your nüvi into the cradle.
3. Tilt your nüvi back until it snaps into place.
4. Plug the other end of the vehicle power cable into a power outlet in your vehicle. Your unit should turn on automatically if it is plugged in and the vehicle is running.
5. If you are using a traffic receiver in Europe, connect the external antenna to the traffic receiver and secure the external antenna to the windshield using the suction cups.

Entering Your Truck Profile

1. Turn on your nüvi.
2. Touch **Switch to Truck Mode**, if necessary.
3. Touch the button in each category to enter information.
4. Touch **Save**.

5. Enter the name for the profile, and touch **Done**.


When you create a route, your nüvi customizes the route to meet the restrictions of your truck profile.

To add or edit a truck profile, see [page 6](#).



WARNING: Entering your truck profile does not guarantee that your vehicle's characteristics will be accounted for in all route suggestions. It is your responsibility to account for your vehicle's height, length, weight, and other relevant restrictions when driving. Always defer to all posted road signs and road conditions when making driving decisions.

Acquiring Satellites

Go outdoors to an open area, away from tall buildings and trees.



Acquiring satellite signals can take a few minutes. The  bars indicate satellite strength. When at least one of the bars is green, your nüvi has acquired satellite signals.

Selecting a Usage Mode


You can choose from  truck or  automotive usage modes for navigation. Routing is calculated differently based on your usage mode.

1. From the Main menu, touch the usage mode icon at the top of the screen.
2. Select a mode, and touch **OK**.
3. Follow the on-screen instructions to configure your settings.

Adjusting the Volume

1. From the Main menu, touch **Volume**.
2. Touch  and  to adjust the volume. Touch the box next to **Mute** to mute all audio.
3. Touch **OK**.

Locking the Screen

Slide the **Power** key to the right (.

To unlock the screen, slide the **Power** key to the center position.

Finding Your Destination

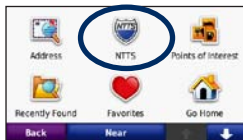
The Where To? menu provides several different categories for you to use when searching for addresses, cities, and other locations. The detailed maps loaded in your nüvi contain millions of points of interest, such as restaurants, hotels, and auto services.



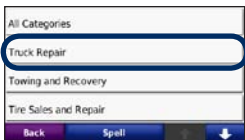
TIP: Touch  and  to see more choices.



1. Touch **Where To?**.



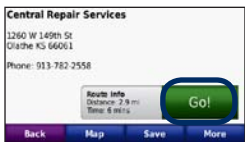
2. Select a category.



3. Select a subcategory.



4. Select a destination.



5. Touch **Go!**.

See [page 8](#) for more information on the **Go!** page.

Adding One Stop

1. With a route active, touch **Menu** > **Where To?**.
2. Search for the extra stop.
3. Touch **Go!**.
4. Touch **Add as a Stop** to add this stop before your destination.

Adding Multiple Stops

1. Touch **Where To?** > **Routes**.
2. Select the current route.
3. Touch **Add or Remove Points**.

Taking a Detour

1. With a route active, touch **Menu**.
2. Touch **Route** > **Detour**.

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

Stopping the Route

1. With a route active, touch **Menu**.
2. Touch **Route > Stop Navigation**.

Adding a Truck Profile

1. Touch **Tools > Settings > Truck Profile**.
2. Touch **New**.
3. Select a category to enter information.
4. Touch **Save**.
5. Enter a name for the truck profile, and touch **Done**.

Editing Your Truck Profile

1. Touch **Tools > Settings > Truck Profile**.
2. Select a truck profile, and touch **Edit**.
3. Select a category to edit.
4. Touch **Save**.

Deleting a Truck Profile

You can only delete inactive truck profiles. If you only have one truck profile entered, you will need to add and activate a new truck profile before deleting the old truck profile.

1. Touch **Tools > Settings > Truck Profile**.
2. Select another truck profile, and touch **Select**.
3. Touch **Edit** next to the truck profile you want to delete.
4. Touch **Delete > Yes**.

Where To?

The Where To? menu provides several different categories you can use to search for locations. To learn how to perform a simple search, see [page 4](#).

Finding an Address



NOTE: Depending on the version of the maps loaded on your nüvi, the button names can change and some steps could be ordered differently.

1. Touch **Where To? > Address**.
2. Change the state, country, or province, if necessary.
3. Touch **Spell City**, enter the city/postal code, and touch **Done**. Select the city/postal code in the list. (Not all map data provides postal code searching.) If you are unsure of the city, touch **Search All**.
4. Enter the number of the address, and touch **Done**.

5. Enter the street name, and touch **Done**.
6. Select the correct street in the list, if necessary.
7. Touch the address, if necessary.

Setting a Home Location

Set your home location for the place you return to most often.

1. To set your home location, touch **Where To? > Go Home**.
2. Select an option:
 - Enter your address.
 - Use your current location.
 - Choose from a list of recently found locations.

Going Home

To navigate home after you have set your home location, touch **Where To? > Go Home**.

Changing Your Home Location

1. Touch **Tools** > **My Data** > **Set Home Location**.
2. Select an option:
 - Enter My Address
 - Use My Current Location
 - Choose from Recently Found

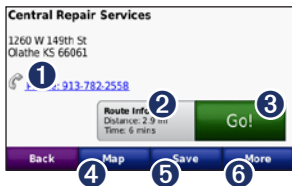
Editing Your Home Location

1. Touch **Where To?** > **Favorites** > **All Favorites** > **Home**.
2. Touch **Edit**, enter your changes, and touch **Done**.

If you delete your home location, you can reset it by following the steps in [Changing Your Home Location](#).

Using the Go! Page

After you select a destination, the Go! page appears.



- 1 Touch to call this location (only available if a mobile phone with Bluetooth wireless technology is connected).
- 2 Touch to view the route on the map.
- 3 Touch to create a turn-by-turn route to this location.
- 4 Touch to view this location on the map.
- 5 Touch to save this location to your Favorites.
- 6 Touch to view details about the selected destination.

Finding Trucking Points of Interest

1. Touch **Where To?**.
2. Select **NTTS** to find businesses, such as truck repair and tire sales, listed in the National Truck and Trailer Services (NTTS) breakdown directory. NTTS information is available in some areas.

Select **Points of Interest > Trucking** to find nearby truck stops and weigh stations.

Finding a Place by Spelling the Name

Use the on-screen keyboard to spell the name of the destination you are looking for. You can also enter letters contained in the name to narrow the search.






1. Touch **Where To? > Points of Interest > Spell Name**.
2. Using the on-screen keyboard, enter letters of the name of your destination.

3. Touch **Done**.

Using the On-Screen Keyboard

When an on-screen keyboard appears, touch a letter or number to enter it.



Touch  to add a space. Touch  and  to move the cursor. Touch  to delete a character. Touch and hold  to erase the entire entry.

Touch **Mode** to select the keyboard language mode. Touch **&?%** to enter special characters, such as punctuation marks. To change the keyboard layout, see [page 30](#).

Searching Near Another Location

1. Touch **Where To?** > **Near**.
2. Select an option:
 - Where I Am Now
 - A Different City
 - My Current Route
 - My Destination

My Current Route and My Destination options are only available when you are navigating a route.

Finding Recently Found Places

Your nüvi stores the last 50 of your recent finds in the Recently Found list. The most-recently viewed places appear at the top of the list.

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

Deleting Recently Found Places


Touch **Where To?** > **Recently Found** > **Clear** > **Yes**.

All items in the list are removed, but this does not delete the actual place from your nüvi.

Using 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

From the Map page, touch . Touch **Save Location** to save your current location.

Saving Places You Find

1. From the Go! page, touch **Save**.
2. Touch **OK**. The place is saved in **Favorites**.

Finding Saved Places

Touch **Where To?** > **Favorites**. Your saved locations are listed.

Editing Saved Places

1. Touch **Where To?** > **Favorites**.
2. Select the category and the location you want to edit.
3. Touch **Edit**.
4. Touch an item to edit:
 - **Change Name**—enter a new name, and touch **Done**.
 - **Attach Photo**—select a picture that you have loaded on your nūvi or on a memory card to assign to the location.
 - **Change Map Symbol**—touch a new symbol used to mark this location on the map.
 - **Change Phone Number**—enter a phone number, and touch **Done**.
 - **Change Categories**—select another category for the location.




- **Delete**—touch **Yes** to remove this item from the Favorites list.

Finding a Place Using the Map

Use the Browse Map page to view different parts of the map.

Touch **Where To?** > **Browse Map**.

Tips for Browsing the Map

- Touch the map, and drag to view different parts of the map.
- Touch  and  to zoom in and out.
- Touch  to switch between the normal map and the truck map, which includes color-coded roads based on your truck profile. The truck map is available in some areas.
- Touch any object on the map. An arrow appears pointing at the object.
- Touch **Save** to save this location.
- Touch **Go!** to navigate to the location.

- If GPS mode is off, touch **Set Loc** to set your location to the selected location. (See [page 30](#).)

Entering Coordinates

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

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

Using Photo Navigation

You can load pictures that include location information on your nüvi or on a memory card and create routes to them. Go to <http://connect.garmin.com/photos> to download pictures with location information. See [page 22](#) for more information.

1. Touch **Where To?** > **Favorites** > **Photos**. Pictures you have saved on the nüvi drive or on the memory card are listed.
2. Touch a picture.

Navigating Off Road

If you are not following roadways as you navigate, use Off Road mode. Touch **Tools** > **Settings** > **Navigation** > **Route Preference** > **Off Road** > **Next**.

Using the Map Pages

Your route is marked with a magenta line. As you travel, your nüvi guides you to your destination with voice prompts, arrows on the map, and directions at the top of the map. A checkered flag marks your destination. If you depart from the original route, your nüvi recalculates the route and provides new directions.

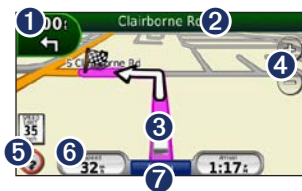
A speed limit icon could appear as you travel on major roadways. This icon displays the current speed limit of the roadway.

The turn indicator also includes Lane Assist, which tells you which lane you should be in to prepare for your next maneuver.

If you are not navigating a route, the route warning icon could appear in the upper-left corner of the Map page.

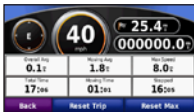
If you are navigating on a road with

potentially dangerous road conditions (steep hills, sharp curves, narrow lanes) or upcoming weigh stations, a warning icon could appear in the lower-left corner of the screen.



- 1 Touch to view the Next Turn page or the Warning Detail page.
- 2 Touch to view the Turn List page.
- 3 Touch to view the Where Am I? page.
- 4 Touch to zoom in and out.
- 5 Touch to view route warnings.
- 6 Touch to view the Trip Computer.
- 7 Touch to return to the Main menu.

Viewing the Trip Computer Page



The trip computer displays your current speed and provides statistics about your trip.

To view the trip computer, touch the **Speed** field on the map.

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

Resetting the Trip Computer

Reset the trip computer before beginning a trip. From the map, touch the **Speed** field. Touch **Reset Trip** to reset the information on the trip computer. Touch **Reset Max** to reset the maximum speed.

Viewing the Turn List Page



When you are navigating a route, the turn list displays turn-by-turn instructions for your entire route and the distance between turns.

Touch the text bar on the top of the map to open the turn list. Touch a turn on the list to view the next turn for that turn. Touch **Show Map** to view the entire route on the browse map page.

Viewing the Next Turn Page



When you are navigating a route, the next turn shows the turn on the map and the distance and time left before you reach the turn.

To view an upcoming turn on the map, touch the turn indicator on the map, or touch any turn from the turn list.

Viewing the Where Am I? Page



Touch the vehicle icon on the Map page to view current location information, including hospitals, police stations, and fuel. This feature is helpful if you need to tell emergency personnel your location. If you are in automobile usage mode, **Truck Stop** will change to the **Fuel**.

Touch **Save Location** to save your current location.

Making Hands-Free Phone Calls

Bluetooth wireless technology establishes a wireless link between two devices, such as a mobile phone and your nüvi. To determine whether your mobile phone with Bluetooth technology is compatible with the nüvi, go to www.garmin.com/bluetooth.

The first time you use two devices together you must “pair” them by establishing a relationship using a PIN or passkey. After the initial pairing, the two devices can connect automatically each time you turn them on.



NOTE: You might have to set your mobile phone to connect to the nüvi automatically when it is turned on.

Pairing Your Phone

To pair and connect, your phone and the nüvi must be turned on and be within 33 ft. (10 m) of each other.

Initiate pairing from your nüvi or from your phone. Refer to your phone instructions.

Pairing Using Your Phone Settings

1. Touch **Tools > Settings > Bluetooth**.
2. Select **Enabled**.
3. Enable the Bluetooth component on your phone. This might be in a menu called Settings, Bluetooth, Connections, or Hands-free.
4. Initiate a search for Bluetooth devices.
5. Select the nüvi from the list of devices.
6. Enter the nüvi Bluetooth PIN (**1234**) into your phone.

Pairing Using the nüvi Settings

1. From the Main menu, touch **Tools** > **Settings** > **Bluetooth** > **Add**.
2. Enable the Bluetooth component on your phone, and enable Find Me/Discoverable/Visible mode. These settings might be in a Bluetooth, a Connections, or a Hands-free menu.
3. Touch **OK** on the nüvi.
4. Select your phone, and touch **OK**.
5. Enter the nüvi Bluetooth PIN (**1234**) in your phone.

When your phone is connected to your nüvi, you are ready to make phone calls. Touch **Phone** on the Main menu to access the Phone menu.

When you turn on the nüvi, it tries to connect to the last phone to which it was connected.

Receiving a Call




When you get a call, the Incoming Call window opens. Touch **Answer** to answer the call. Touch **Ignore** to ignore the call and stop your phone from ringing.

The internal microphone is in the front of the nüvi; speak normally.

In a Call



NOTE: Depending on the screen that appears on your nüvi, the In Call icon could look different.

During a call, the  **In Call** icon appears. Touch  > **End Call** to hang up. Touch  > **Call Options** for the following options:


- **Touch Tones**—displays a keypad page so that you can use automated systems, such as voice mail.

- **Transfer Audio To Device**—this is helpful if you want to turn off the nūvi but remain on the call, or if you need privacy. To switch back, touch **Transfer Audio To Unit**.
- **Mute Microphone.**

Using Call Waiting

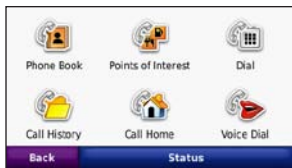
When you are on a call and you receive a second call (call waiting), the Incoming Call window appears. Touch **Answer** to answer the call. The first call is placed on hold.

Switching Between Calls

1. Touch  > **Switch To**.
2. Touch **End Call** to hang up. This does not disconnect the call on hold.

Using the Phone Menu

From the Main menu, touch **Phone** to open the Phone menu.



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

Using Your Phone Book

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

1. Touch **Phone** > **Phone Book**.
2. Touch the phone book entry (contact) you want to call.
3. Touch **Dial** to call the contact.

Dialing a Point of Interest

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

Dialing a Number

1. Touch **Phone** > **Dial**.
2. Enter the number, and touch **Dial**.

Viewing Your Call History

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

1. Touch **Phone** > **Call History**.
2. Touch a category to view those calls. The calls are listed in chronological order. The most-recent calls are at the top of the list.
3. Touch an entry, and touch **Dial**.

Calling Home

Enter a phone number for your home location so you can quickly call home.

Entering Your Phone Number

1. Touch **Phone** > **Call Home**.
2. Touch **Enter Phone Number** to use the keypad page or **Select From Phonebook** (only available if your phone supports phone book transfer).
3. Touch **Done**. The nüvi dials your home phone number.



NOTE: To edit your home location or phone number, touch **Where To?** > **Favorites** > **Home** > **Edit**.

To Call Home

1. Touch **Phone** > **Call Home**.
2. The nüvi dials your home phone number.

Placing Calls Using Voice Dial

You can place calls by speaking the contact's name. You might need to “train” your phone to recognize your voice dial commands. Refer to your phone instructions.

1. Touch **Phone > Voice Dial**.
2. Speak the contact's name.

Checking the Phone Status

Check the battery level and signal strength for your phone by touching **Phone > Status**.

Managing Files

You can store files, such as JPEG image files, in the internal memory on the nüvi or on a memory card.



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

Supported File Types

- JPEG and JPG image files: see [page 23](#)
- Maps and GPX waypoint files from MapSource®: see [page 40](#)
- GPI custom POI files from Garmin's POI Loader: see [page 40](#)

Loading Files

Step 1: Insert a Memory Card (Optional)

To insert or remove the memory card, press it in until it clicks.

Step 2: Connect the USB Cable

Connect the mini-USB connector to the back of the nüvi. Connect the larger end of the cable to an available USB port on your computer.

Your nüvi and memory card appear as removable drives in My Computer on Windows computers and as mounted volumes on Mac computers.



NOTE: Some operating systems or computers with multiple network drives can not display the nüvi drives. See your operating system Help file to learn how to map the drives.



Step 3: Transfer Files to Your nüvi

Copy and paste files from your computer into the nüvi drives/volumes.

1. Browse your computer for the file you want to copy.
2. Highlight the file, and click **Edit > Copy**.

3. Open the “Garmin” or memory card drive/volume.
4. Click **Edit** > **Paste**. The file appears in the list of files in the nüvi memory or on the memory card.

Step 4: Eject and Unplug the USB Cable

When you are finished transferring files, click  in your toolbar (system tray), or drag the volume icon to the **Trash**  on Mac computers. Unplug your nüvi from your computer.

Loading Pictures for Photo Navigation

1. Connect your nüvi to your computer.
2. Go to <http://connect.garmin.com/photos>, and sign in.
3. Select a photo.
4. Follow the on-screen instructions.

See [page 12](#) and go to <http://connect.garmin.com/photos> for more information.

Deleting Files

1. Connect the nüvi to your computer, and open the nüvi or memory card drive/volume.
2. Highlight the file you want to delete.
3. Press the **Delete** key on the computer keyboard.



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

Using the Tools

The Tools menu provides many features that are helpful when you are traveling.

From the Main menu, touch **Tools** to access the Tools menu.



Accessing the Settings

For information about the settings, see [page 30–35](#).

Using the Where Am I? Page

Touch **Tools > Where Am I?** to view current location information. For more information about Where Am I?, see [page 15](#).

Accessing Help



Touch **Help** to get information about using your nüvi.

Using the Picture Viewer

Use the picture viewer to view pictures that you have stored in your nüvi or on a memory card.

1. Touch **Tools > Picture Viewer**. Touch the arrows to view all the images.
2. Touch a picture to view a larger image of it.

Viewing a Slide Show

1. Touch **Tools > Picture Viewer > Slide Show**. Each picture appears for a few moments.
2. Touch anywhere on the screen to stop the slide show.
3. Touch **Resume** to resume the slide show.
4. Touch  and  to zoom out and to zoom in.

Navigating to a Picture

If a picture contains location information, you can create a route to it.

1. Touch **Tools > Picture Viewer**.
2. Select a picture.
3. Touch **Info > Go!**.

See [page 22](#) for more information about loading pictures on your nüvi.

Accessing My Data

Use this tool to manage and delete your saved data, such as your Favorites.

1. Touch **Tools > My Data**.
2. Select an option:
 - **Set Home Location**
 - **Delete Favorite(s)**
 - **Clear Trip Log**

Using the World Clock

1. Touch **Tools > World Clock**.

2. To change a listed city, touch one of the cities.
3. Enter a city name, and touch **Done**.
4. Select the correct city, if necessary.
5. Touch **Save**.
6. Touch **World Map** to view a map. Nighttime hours are shown in the shaded area.
7. Touch **World Clock** to view the clocks again, or touch **Back** to exit.

Using the Calculator

Touch **Tools > Calculator** to activate the calculator.

Using the Unit Converter

1. Touch **Tools > Unit Converter**.
2. Touch **Conversion**, select a type of measurement, and touch **OK**.
3. Touch a unit of measure that you want to change.
4. Select a unit of measure, and touch **OK**. Repeat if necessary.
5. Touch the blank rectangle to enter a value.
6. Enter a value, and touch **Done**. The unit is converted.
7. Touch **Clear** to perform another conversion.

Updating Conversion Rates

You can update the currency conversion rates manually so that you are always using the most-current rates.

1. Touch **Tools > Unit Converter > Conversion**.
2. Select **Currency**, and touch **OK**.
3. Touch the currency buttons and select the currencies you want to update.
4. Touch **Update**.
5. Touch the boxes next to the currencies to enter new rates.
6. Touch **Save** to save the new rates. Touch **Restore** to use the original rates.

Viewing Offers

For more information on viewing offers using the traffic receiver, see [page 29](#).

Understanding Traffic

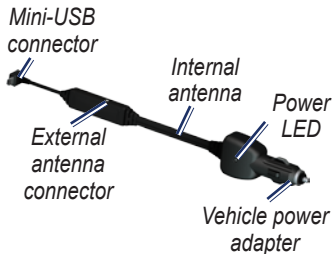


NOTE: Garmin is not responsible for the accuracy of the traffic information.

Use an FM Traffic Message Channel (TMC) traffic receiver to receive traffic information broadcast over the FM Radio Data System. The traffic receiver is integrated in the vehicle power cable.

In North America, traffic receivers provide you with free, ad-based traffic information that does not require a subscription. Traffic information is not available in all markets.

You do not need to activate the subscription included with your FM traffic receiver. The subscription activates automatically after your nüvi acquires satellite signals while receiving traffic signals from the pay service provider. Go to www.garmin.com/traffic or www.garmin.com for more information.



Receiving Traffic Information

To receive traffic information, the following conditions must be met:

- The traffic receiver must be connected to the nüvi.
- The traffic receiver and nüvi must be connected to an external power source.
- The traffic receiver and nüvi must be in data range of an FM station transmitting traffic information.



NOTE: Heated (metallized) windshields could degrade the performance of the traffic receiver.

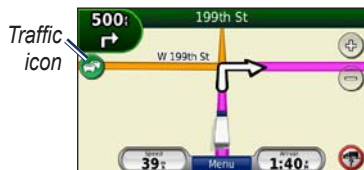
Traffic in Your Area

When you are receiving traffic information, a traffic icon appears in the upper-left corner of the Map page. The traffic icon changes color to indicate the severity of traffic conditions on your route or the road you are currently driving on.

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.

Traffic on Your Route

When calculating your route, the nūvi 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 nūvi automatically recalculates the route. You might still be routed through traffic if no better alternative routes exist.



If a non-severe traffic delay occurs on your route, touch the traffic icon to display a tab that shows how much time the delay has added to your route. This time is already included in your estimated arrival time.

Manually Avoiding Traffic on Your Route

1. On the Map page, touch the traffic icon.
2. Touch **Traffic On Route**.
3. Touch the arrows to view other traffic delays on your route, if necessary.
4. Touch **Avoid** to avoid the traffic delay.

Viewing the Traffic Map

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

1. On the Map page, touch the traffic icon.
2. Touch **Show Traffic Map** to view the traffic incidents on a map.

To return to the normal map from the traffic map, touch the traffic icon, and then touch **Show Normal Map**.

Viewing Traffic Delays

1. On the Map page, touch the traffic icon.
2. Touch **Traffic Search** to view a list of traffic delays.
3. To view details, touch an item in the list. If there is more than one delay, touch the arrows to view additional delays.

Adding or Renewing Traffic Subscriptions

To add or renew a traffic subscription, touch **Tools > Settings > Traffic**. For more information, see [page 33](#) and go to www.garmin.com/fmtraffic.

Viewing Offers

In North America, you could receive location-relevant offers and coupons. Touch the offer on the screen to search for the nearest location related to that offer.

The traffic receiver must be connected to external power and you must be in a coverage area to receive ad-based traffic information. When an offer appears on the screen, touch the offer to search for the nearest location related to that offer. If the offer includes a coupon icon, touch the coupon icon on the Go! page to receive a coupon code. Write down this code and present it when you arrive at the location.



CAUTION: Do not attempt to write down the coupon codes while driving, as doing so could lead to the risk of an accident.

To view a list of the offers you have received, touch **Tools** > **Offers**.

To disable offers, you must disable traffic. Touch **Tools** > **Settings** > **Traffic**, and clear the **Enable Traffic** check box.

Customizing the nūvi

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



2. Touch the setting you want to change.
3. Touch the button under the setting name to change it.

Changing the System Settings

Touch **Tools** > **Settings** > **System**.

GPS Simulator—turn on the simulator to turn off the GPS mode and simulate navigation, and to save battery power.

Usage Mode—specify how you will be navigating to optimize routes: **Truck** or **Automobile**.

Units—change units of measure to **Kilometers** or **Miles**.

Keyboard—touch **QWERTY** for a layout similar to a computer keyboard, or touch **ABCDE** for an alphabetical layout.

About—display the nūvi software version number, the unit ID number, and the audio version number. You need this information when you update the system software or purchase additional map data (see [page 40](#)).

Restore—restore the system settings.

Changing the Truck Profile Settings

See [page 6](#) for more information on adding, editing, and deleting truck profiles.

Changing the Navigation Settings

Touch **Tools** > **Settings** > **Navigation**.

Route Preference—select a preference for calculating your route:

- **Faster Time**—to calculate routes that are faster to drive but can be longer in distance.
- **Shorter Distance**—to calculate routes that are shorter in distance but can take more time to drive.
- **Off Road**—to calculate point-to-point routes (without roads).
- **Sharp Curve Warning**—to enable, disable, or mute the warning.


Avoidances—select the road types you want to avoid on your routes.

Restore—restore the original navigation settings.

Adjusting the Display Settings

Touch **Tools** > **Settings** > **Display**.

Color Mode—select **Daytime** for a light background, **Nighttime** for a dark background, or **Auto** to automatically switch between the two.

Screen Shot—turn on Screen Shot mode. Touch  to take a screen shot. The picture bitmap file is saved in the **screenshots** folder on the nüvi drive.

Brightness—adjust the backlight brightness level. Reducing the backlight brightness increases your battery life.

Restore—restore the original display settings.

Updating the Time Settings

Touch **Tools** > **Settings** > **Time**.

Time Format—select a 12-hour, 24-hour, or UTC time format.

Current Time—manually set the time on your nūvi. Select **Automatic** to have the nūvi set the time based on your location.

Restore—restore the original time settings.

Setting the Languages

Touch **Tools** > **Settings** > **Language**.

Voice—change the language for voice prompts.

Text—change all on-screen text to the selected language. Changing the text language does not change the language of user-entered data or map data, such as street names.

Keyboard—select the keyboard for your language. You can also change the keyboard language mode from any keyboard by touching the **Mode** button.

Restore—restore the original language settings.

Changing the Map Settings

Touch **Tools** > **Settings** > **Map**.

Map Detail—adjust the amount of detail shown on the map. Showing more detail can cause the map to redraw slower.

Map View—select a map perspective.

- **Track Up**—display the map in two dimensions (2D) with your direction of travel at the top.
- **North Up**—display the map in 2D with North at the top.
- **3D**—display the map in three dimensions (3D) in Track Up.

Vehicle—touch **Change** to change the icon used to display your position on the map. Touch the icon you want to use, and then touch **OK**. Download additional vehicle icons at www.garmin.com.

Trip Log—show or hide the log of your travels. To clear your trip log, touch **Tools > My Data > Clear Trip Log**.

Map Info—view the maps and the version of each map loaded on your nüvi. Touch a map to enable (check mark) or disable (no check mark) that map.

Restore—restore the original map settings.

Changing Security Settings

Touch **Tools > Settings > Security**.

Garmin Lock—turn on Garmin Lock™ to lock your nüvi. Enter a 4-digit PIN, and set a security location. For more information, see [page 37](#).

Safe Mode—turn on or off safe mode. When your vehicle is moving, Safe mode disables all functions that require significant operator attention and could become a distraction while driving.

Restore—restore the original security settings. Note that restoring the security settings will not clear your Garmin Lock PIN or security location.

Viewing Traffic Subscription Information

Touch **Tools > Settings > Traffic**.

North American Options

Your FM traffic subscriptions and expiration dates are listed. Touch **Add** to add a subscription.

European Options

Current—select which provider to use. Touch **Auto** to use the best provider for the area, or select a specific provider to use.

Find More—search for additional TMC traffic providers. To increase the search time, touch **Yes** to clear the provider table.

Subscriptions—view your FM traffic subscriptions and expiration dates. Touch **Add** to add a subscription.

Adding a Subscription

You can purchase additional subscriptions or a renewal if your subscription expires. Go to www.garmin.com/fmtraffic.



NOTE: You do not need to activate the subscription included with your FM traffic receiver (if it came with one). The subscription activates automatically after your nüvi acquires satellite signals while receiving traffic signals from the service provider.

1. From the Main menu, touch **Tools > Settings > Traffic**.
2. For non-North American units, touch **Subscriptions > Add**. For North American units, touch **Add**.
3. Write down the FM traffic receiver unit ID.
4. Go to www.garmin.com/fmtraffic to purchase a subscription and get a 25-character code.
5. Touch **Next** on the nüvi, enter the code, and touch **Done**.


The traffic subscription code cannot be reused. You must obtain a new code each time you renew your service. If you own multiple FM traffic receivers, you must obtain a new code for each receiver.

Setting the Bluetooth Technology Options

Touch **Tools** > **Settings** > **Bluetooth**.

Connections—touch **Add** > **OK** to pair with a phone that has Bluetooth wireless technology. See [pages 16–20](#). Touch **Change** to connect with a different phone.

- **Drop**—select the phone you want to disconnect, and touch **Yes**.
- **Remove**—select the phone you want to delete from the nüvi memory, and touch **Yes**.

Bluetooth—turn on and off the Bluetooth component. The  **Bluetooth** icon appears on the main menu if the Bluetooth component is turned on. To prevent a phone from automatically connecting, touch **Disabled**.

Friendly Name—enter a friendly name that identifies your nüvi on devices with Bluetooth technology. Touch **Done**.

Restore—restore the original Bluetooth settings. This does not clear the pairing information.

Changing the Proximity Points Settings

You must have proximity points (such as custom POIs or a safety camera database) loaded to adjust the proximity points settings. See [page 40](#). Touch **Tools** > **Settings** > **Proximity Points**.

Proximity Alerts—turn on or off the alerts when you approach custom POIs or safety cameras.

Restore—restore the proximity points settings.

Restoring All Settings

1. Touch **Tools** > **Settings**.
2. Touch **Restore**.
3. Touch **Yes**.

Appendix

Caring for Your nüvi

Your nüvi contains sensitive electronic components that can be permanently damaged if exposed to excessive shock or vibration. To minimize the risk of damage to your nüvi, avoid dropping your unit and operating it in high-shock and high-vibration environments.

Cleaning the Unit

The nüvi is constructed of high-quality materials and does not require user maintenance other than cleaning. Clean the outer casing of the unit (not the touch screen) 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 Touch Screen

Clean the touch screen with a soft, clean, lint-free cloth. Use water, isopropyl alcohol, or eyeglass cleaner, if needed. Apply the liquid to the cloth, and then gently wipe the touch screen.

Protecting Your nüvi

- Do not store the nüvi where prolonged exposure to extreme temperatures can occur, because it can cause permanent damage.
- Do not expose the nüvi to water. Contact with water can cause this unit to malfunction.
- Although a PDA stylus can be used to operate the touch screen, never attempt this while operating a vehicle. Never use a hard or sharp object to operate the touch screen because damage might result.

Avoiding Theft

- To avoid theft, remove the unit 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 product at <http://my.garmin.com>.
- Use the Garmin Lock feature. See below for more information.

Locking Your nüvi

Garmin Lock is a theft-deterrent system that locks your nüvi. Each time you turn on the nüvi, enter the PIN or drive to the security location.

1. Touch **Tools > Settings > Security**.
2. Touch the button below **Garmin Lock**.
3. Enter a 4-digit PIN and drive to a security location.

What is a Security Location?

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



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

Calibrating the Screen

If the touch screen is not responding properly, calibrate the touch screen.

1. Turn off the nüvi.
2. Slide and hold the **Power** key to the left for about 30 seconds.
3. Follow the on-screen instructions.

Resetting Your nüvi

Slide the **Power** key to the on/off position and hold it for 8 seconds.

Updating the Software

1. Go to www.garmin.com/products/webupdater, and download WebUpdater to your computer.
2. Connect the nüvi to your computer using the mini-USB cable.
3. Run WebUpdater, and follow the on-screen instructions.

After confirming that you want to perform an update, WebUpdater automatically downloads the update and installs it on your nüvi.

Clearing User Data




NOTE: This deletes all user-entered information.

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

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

Battery Information

To maximize the lifetime of the battery, do not leave your nüvi in direct sunlight, and avoid prolonged exposure to excessive heat.

The  battery icon in the corner of the Main menu indicates the status of the nüvi battery. To increase the accuracy of the battery gauge, fully discharge the battery and then fully charge it. Do not unplug the nüvi until it is totally charged.

Charging Your nüvi

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

- Connect the vehicle power cable to the mini-USB connector on your nüvi and to a power outlet in your vehicle. The vehicle key may need to be turned to ON/ACC for the nüvi to charge.
- Connect an AC adapter (optional accessory) to the nüvi and a wall outlet.
- Connect your nüvi to a computer using the USB cable. The computer must be on for the nüvi to charge.

Changing the Fuse



CAUTION: When replacing the fuse, do not lose any of the small pieces and make sure they are put back in the proper place.

If your unit will not charge in your

vehicle, you might need to replace the fuse located at the tip of the vehicle adapter.

1. Unscrew the black, round end piece, and remove it.
2. Remove the fuse (glass and silver cylinder), and replace it with a 1 A fast-blow fuse.
3. Ensure that the silver tip is placed in the black end piece. Screw on the black end piece.



Removing the nüvi and Mount

To remove the nüvi from the cradle, hold onto the cradle and tilt the nüvi forward.

To remove the cradle from the mount, turn the cradle to the right or left. Apply pressure in that direction until the cradle snaps off the mount.

nüMaps Guarantee™

To receive one free map update (if available), register your nüvi at within 60 days of acquiring satellites and driving with your nüvi. 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 drive with your nüvi.



Additional Maps

You can purchase additional maps for your nüvi. To see a list of maps that are compatible with your nüvi, go to your nüvi product page on the Garmin Web site (www.garmin.com), and click the **Maps** tab.

About GPS Satellite Signals

Your nüvi must acquire GPS (Global Positioning System) satellite signals in order to navigate. If you are indoors, near tall buildings or trees, or in a parking

garage, your nüvi may not acquire satellites. Go outside to an area free from tall obstructions to use your nüvi.

When your nüvi has acquired satellite signals, the signal strength bars on the Main menu are green . When it loses satellite signals, the bars turn red or clear .

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

Extras and Optional Accessories

For more information about optional accessories, go to <http://buy.garmin.com> or www.garmin.com/extras, or contact your Garmin dealer.

Custom Points of Interest

Use the POI Loader to load custom points of interest (POIs) onto your nüvi. POI databases are available from various companies on the Internet. Some custom

databases contain alert information for points, such as safety cameras and school zones.

Go to www.garmin.com/extras, and click POI Loader to install the POI Loader onto your computer. For more information, refer to the POI Loader Help file. Press **F1** to open the Help file.

To view your Custom POIs, touch **Where To?** > **Extras** > **Custom POIs**.

To change the proximity alert settings, touch **Tools** > **Settings** > **Proximity Points** > **Proximity Alerts**.

To delete the Custom POIs from your nüvi, connect your nüvi to your computer. Open the Garmin\poi folder in the nüvi drive or the memory card drive. Delete the file titled poi.gpi.

Safety Cameras

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 its own expiration date.



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

Garmin Travel Guide

Much like a paper 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.

To use the travel guide, insert the memory card into your nüvi. Touch **Where To?** > **Extras**. Touch the name of your travel guide to open it.

Contact Garmin

Contact Garmin Product Support if you have any questions while using your nüvi. In the USA, go to www.garmin.com/support, or contact Garmin USA by phone at (913) 397.8200 or (800) 800.1020.

In the UK, contact Garmin (Europe) Ltd. by phone at 0808 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 nüvi

Go to <http://my.garmin.com> to register your nüvi. See [page 21](#) for information about connecting your nüvi to your computer.

1. Plug in your nüvi. You will see an option to install the myGarmin Agent (optional).
2. Follow the online instructions to install myGarmin Agent and register your nüvi.

After you have registered your nüvi, you can subscribe to the latest Garmin online services.

Specifications

Physical size: W × H × D: 4.76 × 2.93 × .768 in. (120.9 × 74.4 × 19.5 mm)

Weight: 5.93 oz. (168.3 g)

Display: 4.3 in. diagonal, 480 × 272 pixels; 64K colors; bright WQVGA TFT landscape display; white backlight; touch screen

Case: Not waterproof (IPX0)

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

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

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

Computer interface: USB 2.0 full speed mass storage

Operating system: Garmin

Charge time: Approximately 4 hours

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

Usage: 5 W max.

Battery life: Up to 4 hours

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

GPS receiver: High-sensitivity with HotFix

Acquisition times*:

Warm: <1 sec

Cold: <38 sec

Factory Reset: <45 sec

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

Declaration of Conformity

Hereby, Garmin declares that this nüvi product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. To view the full Declaration of Conformity, go to the Web site for your Garmin product at www.garmin.com.

Software License Agreement

BY USING THE nüvi, YOU AGREE TO BE BOUND BY THE TERMS AND CONDITIONS OF THE FOLLOWING SOFTWARE LICENSE AGREEMENT. PLEASE READ THIS AGREEMENT CAREFULLY.

Garmin grants you a limited license to use the software embedded in this device (the “Software”) in binary executable form in the normal operation of the product. Title, ownership rights, and intellectual property rights in and to the Software remain in Garmin.

You acknowledge that the Software is the property of Garmin and is protected under the United States of America copyright laws and international copyright treaties. You further acknowledge that the structure, organization, and code of the Software are valuable trade secrets of Garmin and that the Software in source code form remains a valuable trade secret of Garmin. You agree not to decompile, disassemble, modify, reverse assemble, reverse engineer, or reduce to human readable form the Software or any part thereof or create any derivative works based on the Software. You agree not to export or re-export the Software to any country in violation of the export control laws of the United States of America.

Troubleshooting

Problem/Question	Solution/Answer
My nüvi never gets satellite signals.	Take your nüvi out of parking garages and away from tall buildings and trees. Remain stationary for several minutes.
My nüvi does not charge in my vehicle.	<p>Check the fuse in the vehicle power cable (see page 39).</p> <p>Ensure the vehicle is turned on and is supplying power to the power outlet.</p> <p>Your nüvi can only charge between 32°F and 140°F (between 0°C and 60°C). If the nüvi is placed in direct sunlight or in a hot environment, it cannot charge.</p>
My battery does not stay charged for very long.	<p>To maximize the time between charges, turn down the backlight.</p> <p>Touch Tools > Settings > Display > Brightness.</p>
How do I clear all my user data?	<p>Hold your finger on the lower-right corner of the nüvi screen while it is turning on. Keep your finger pressed until the message appears.</p> <p>Touch Yes to clear all user data.</p>
My battery gauge does not seem accurate.	Allow the unit to fully discharge, and fully charge it (without interrupting the charge cycle).
The touch screen is not responding to my touches.	Calibrate the touch screen as described on page 37 .

Problem/Question	Solution/Answer
How do I know my nüvi is in USB mass storage mode?	When your nüvi is in USB mass storage mode, a picture of a nüvi 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 nüvi is connected.	<ol style="list-style-type: none">1. Unplug the USB cable from your computer.2. Turn off the nüvi.3. Plug the USB cable into a USB port on your computer and into your nüvi. The nüvi automatically turns on and goes into USB mass storage mode. Ensure your nüvi is connected to a USB port and not a USB hub.
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 nüvi drives. See your operating system Help file to learn how to map or assign drive letters.
How can I find restaurants near the hotel I will be staying at in the future?	<ol style="list-style-type: none">1. Touch Where To? > Near > A Different City (and enter your vacation destination).2. Find the hotel, and touch Go!.3. Touch Menu > Where To? > Near > My Destination.4. Search for a restaurant. Restaurants nearest your hotel are listed first.
My phone will not connect to the nüvi.	Touch Tools > Settings > Bluetooth . Verify that the Bluetooth field is set to Enabled . Ensure your phone is turned on and is less than 10 meters (about 33 feet) away from your nüvi. 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, go to the Garmin Web site at www.garmin.com.



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