

nüvi[®] 2580TV

Owner's Manual



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Table of Contents

Getting Started	1
Mounting the Device.....	1
About myDashboard.....	1
Device Overview.....	2
Main Menu	4
Using the Main Menu.....	4
About Main Menu Customization.....	5
Finding Locations	5
About Points of Interest.....	6
Stopping the Route.....	6
Adding a Stop While Navigating a Route.....	6
Searching Near Another Location.....	6
Taking a Detour.....	6
Navigating Off Road.....	6
Setting a Home Location.....	7
Location Searches.....	7
Using the Location Map.....	8
Favorites.....	9
Planning a Trip.....	10
Editing a Trip Itinerary.....	10
Map Pages	11
Viewing the Map While Navigating.....	11
Hands-Free Phone Calls	13
About Pairing the Devices.....	13
Digital TV	15
Setting up the Antennas.....	15

Watching TV.....	15
Using the TV.....	15
Using the Tools	17
Viewing Current Location Information.....	17
Using Help.....	17
About ecoRoute™.....	17
Using the Picture Viewer.....	19
Using the World Clock.....	19
Using the Calculator.....	19
Capturing Screenshots.....	19
Using the Unit Converter.....	19
Data Management	20
File Types.....	20
Installing a Memory Card.....	20
Transferring Files To Your Computer.....	20
Disconnecting the USB Cable.....	20
Deleting Files.....	21
Customizing the Device	21
System Settings.....	21
Navigation Settings.....	21
Route Preferences.....	22
Display Settings.....	23
Language Settings.....	23
Viewing Map Information.....	23
Bluetooth Settings.....	23
Restoring Settings.....	24
Appendix	24
Power Cables.....	24
Caring for Your Device.....	24
Locking the Device.....	25

Erasing User Data	25
Maximizing the Battery Life	25
Changing the Fuse in the Vehicle Power Cable	26
About nüMaps Lifetime	26
Purchasing Additional Maps	26
Purchasing Accessories	26
Contacting Garmin Product Support.....	26
Troubleshooting	27
Index	29

Getting Started

WARNING

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

When using your device for the first time, complete the following tasks.


- 1 Mount the device ([page 1](#)).
- 2 Register the device ([page 2](#)).
- 3 Check for updates.
 - Software updates ([page 2](#)).
 - Free map update ([page 2](#)).
- 4 Download the full owner's manual ([page 2](#)).

Mounting the Device




WARNING

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

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

- 1 Plug the vehicle power cable into the USB port  on the device.



- 2 Press the suction cup  to the windshield.
- 3 While pressing, flip the lever  back toward the windshield.
- 4 Snap the mount  onto the suction cup.
- 5 Fit the bottom of your device into the mount.
- 6 Tilt your device back until it snaps into place.
- 7 Plug the other end of the vehicle power cable into a power outlet in your vehicle.

About myDashboard

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

Setting Up myDashboard

- 1 Connect the USB cable to the USB port on the device.
- 2 Connect the USB cable to the USB port on your computer.
- 3 Go to www.garmin.com/dashboard.
- 4 Follow the on-screen instructions.

Registering the Device

- 1 From myDashboard, click **Register Now**.
- 2 Follow the on-screen instructions.

Updating the Software

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

nüMaps Guarantee™


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

Updating Maps

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

Downloading the Owner's Manual

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

- 1 Open myDashboard ([page 2](#)).
- 2 Click **Manuals**.
- 3 Click **Download** next to the manual you want.
- 4 Click  to save the file to your computer.

Device Overview



①	Power key
②	microSD™ card slot

Turning Off the Device

- 1 Hold the **Power** key.
- 2 Select **Off**.

Resetting the Device



You can reset the device if it stops functioning.

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

Adjusting the Screen Brightness






- 1 Select **Settings > Display > Brightness**.
- 2 Use the slider bar to adjust the brightness.

Adjusting the Master Volume


- 1 Select **Volume**.
- 2 Select an option:
 - Use the slider bar to adjust the volume.
 - Select  to mute the device.
 - Select  and use the slider bars to adjust the volume for navigation prompts, phone, and media.

Status Bar Icons

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

	GPS signal status.
	Bluetooth® technology status (appears when connected to a compatible device).
	Transportation mode indicator.
	Current time.
	Battery status.

Satellite Signals



After the device is turned on, it begins acquiring satellite signals. The device may need a clear view of the sky to acquire satellite signals. When at least one of the  bars is green, your device has acquired satellite signals.

Viewing GPS Satellite Signals

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

Hold  for 10 seconds.

Transportation Modes

	Automobile mode
	Pedestrian mode

Routing and navigation are calculated differently based on your transportation mode.

For example, in Automobile mode, the estimated time of arrival is calculated using the speed limit of the roads on the route.


NOTE: Pedestrian routes do not include highways. If you have cityXplorer™ maps loaded on your device, pedestrian routes may include public transit

Choosing a Transportation Mode








Select .

Battery Information

After the device is connected to power, it begins to charge.






 in the status bar indicates the status of the internal battery. To increase the accuracy of the battery gauge, you should fully discharge the battery and then fully charge it. Do not unplug the device until it is fully charged.

Using the On-Screen Buttons

- Select  to return to the main menu.
- Hold  to quickly return to the main menu.
- Select  or  to see more choices.
- Hold  or  to scroll faster.
- Select  to see a menu of options for the current screen.

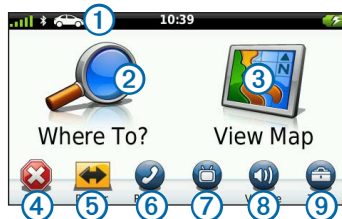
Using the On-screen Keyboard

Select a character on the keyboard to enter a letter or number.

- Select  to add a space.
- Hold  to delete a character.
- Select  to select the keyboard language mode.
- Select  to enter special characters, such as punctuation marks.
- Select  to change character capitalization.

Main Menu

Using the Main Menu



- Select ① to select a transportation mode.
- Select ② to find a destination.
- Select ③ to view the map.
- Select ④ to stop a route.
- Select ⑤ to detour a route.
- On some models, select ⑥ to make a call when connected to a compatible mobile phone.
See www.garmin.com/bluetooth for information.
- Select ⑦ to watch TV.
- Select ⑧ to adjust the volume.
- Select ⑨ to open the menu of tools and settings.

About Main Menu Customization


You can create a customized main menu by adding icons from other screens on the device, such as location categories or frequently used tools. You can also edit the size and position of the main menu icons.


You can switch between the default main menu and your customized main menu.

Adding an Icon to the Custom Main Menu

NOTE: The Where To?, View Map, and Tools icons are automatically included on the main menu, and cannot be deleted.

The main menu can contain up to 15 icons.

- 1 Select **Tools > Settings > Main Menu**.
- 2 Select  in the square you would like to fill.
- 3 Select an icon.

TIP: Select  to view additional icons in a category.



The icon is added to the custom main menu.

- 4 Select **Save**.

Editing the Main Menu Icons


Before you can edit icons, you must create a customized main menu ([page 5](#)).

- 1 Select **Tools > Settings > Main Menu**.
- 2 Select an icon.
- 3 Select an option:

- Select  to delete the icon.
- Select  to enlarge the icon.

The icon expands from one cell to four cells.

NOTE: The main menu can fit up to two large icons.

- Select  to shrink a large icon.
- Drag an icon across the screen to move the icon.

- 4 Select  > **Save**.

Choosing a Main Menu

You can switch between the default main menu and your customized main menu. Your customizations are saved while you use the default main menu.

- 1 Select **Tools > Settings > Main Menu**.
- 2 Select **Use Default** or **Use Customized**.

Finding Locations

The device offers many methods for finding locations.

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

About Points of Interest

The detailed maps loaded in your device contain points of interest, such as restaurants, hotels, and auto services. Use the Points of Interest function to browse for nearby businesses and attractions.

Finding a Point of Interest by Category


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

Stopping the Route

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


Adding a Stop While Navigating a Route

Before you can add a stop, you must be navigating a route in Automobile mode.

- 1 Select  to return to the main menu.
- 2 Select **Where To?**.
- 3 Search for the location ([page 5](#)).
- 4 Select **Go!**.
- 5 Select an option:
 - Select **Add to Current Route**.
 - Select **Start New Route**.

Searching Near Another Location


NOTE: The device automatically searches for places near your present location.

- 1 Select **Where To?** > **Points of Interest** >  > **Near**.
- 2 Select an option.
- 3 Select **Save**.
- 4 Enter search information.
- 5 Select a destination.

Taking a Detour

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

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

- 1 Select  to return to the main menu.
- 2 Select **Detour**.

Navigating Off Road


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

- 1 Select **Tools** > **Settings** > **Navigation**.
- 2 Select **nūRoute** > **Calculation Mode** > **Off Road** > **Save**.

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

Setting a Home Location

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

- 1 Select **Where To?** >  > **Set Home Location**.
- 2 Select an option.

Going Home


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

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

Resetting Your Home Location

- 1 Select **Where To?** >  > **Set Home Location**.
- 2 Select an option.

Editing Your Home Location Information

- 1 Select **Where To?** > **Favorites** > **Home**.
- 2 Select  > **Edit**.
- 3 Enter your changes.
- 4 Select **Done**.

Location Searches

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

Finding an Address

NOTE: Depending on the version of the built-in map data on your device, the button names and

the order of steps could be different than the steps below.

- 1 Select **Where To?** > **Address**.
- 2 If necessary, change the country, or the province.
- 3 Select **Spell City**.
- 4 Enter the city/postal code.
TIP: If you are unsure of the city/postal code, select **Search All**.
- 5 Select **Done**.
- 6 If necessary, select the city/postal code.
NOTE: Not all map data provides postal code searching.
- 7 Enter the number of the address.
- 8 Select **Done**.
- 9 Enter the street name.
- 10 Select **Done**.
- 11 If necessary, select the street.
- 12 If necessary, select the address.

Finding a Location Using the Map

- 1 Select **Where To?** > **Browse Map**.
- 2 Select a location.
An information box appears for the location.
- 3 Select the information box.
- 4 Select **Go!**.

Viewing a List of Recently Found Locations

Your device stores the last 50 locations you have found.

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

Clearing the List of Recently Found Locations

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

Entering Coordinates

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

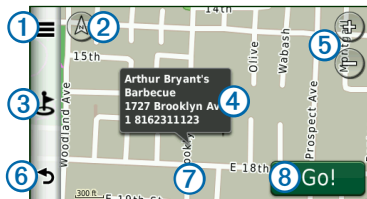
- 1 Select **Where To?** > **Coordinates**.
- 2 Select a field to enter the latitude and longitude data.
- 3 Select **View on Map**.
- 4 Select **Go!**.

Changing the Map Coordinate Format

- 1 Select **Where To?** > **Coordinates** > **≡** **Format**.
- 2 Select a format.

Using the Location Map

The location map opens after you select a location.




- Select ① to save the location to your Favorites or simulate a route to a location.
- Select ② to switch between 2D and 3D views.
- Select ③ to find nearby points of interest.
- Select ④ to view more information for the location.
- Select ⑤ to zoom in and out.
- Select ⑥ to return to the previous page.
- Select and drag ⑦ to view different parts of the map.
- Select ⑧ to create a turn-by-turn route to this location.


Viewing a Route on the Map

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

Editing a Phone Number

- 1 From the location map, select the information balloon.
- 2 Select  > **Edit**
- 3 Select **Phone Number**.
- 4 Enter the correct phone number, and select **Done**.


Setting a Simulated Location

- 1 Select **Tools** > **Settings** > **System** > **GPS Mode** > **GPS Off**.
- 2 Select **Where To?** > **Browse Map**.
- 3 Select an area on the map.
An information balloon appears for the location.
- 4 Select  > **Set Location**.


Favorites

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

Saving Your Location to Favorites

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


Saving Locations to Favorites

- 1 Search for the location ([page 5](#)).
- 2 From the location map, select  > **Save** > **OK**.

Finding Favorites

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

Editing Favorites

- 1 Select **Where To?** > **Favorites**.
- 2 If necessary, select a category.
- 3 Select a Favorite.
- 4 Select  > **Edit**.
- 5 Select an option:
 - Select **Name**.
 - Select **Phone Number**.
 - Select **Categories** to enter a category name for the Favorite.
 - Select **Assign Photo** to save a photo with the Favorite ([page 19](#)).
 - Select **Change Map Symbol** to change the symbol used to mark the favorite on a map.
- 6 Edit the information.
- 7 Select **Done**.

Deleting Favorites

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

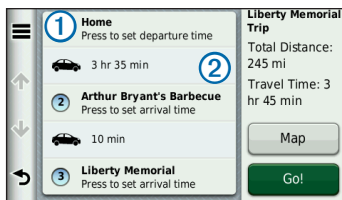
Planning a Trip

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

- 1 Select **Where To?** > **Trip Planner**.
- 2 Select **+**.
- 3 Select **Select Start Location**.
- 4 Search for a location ([page 5](#)).
- 5 Select **Select**.
- 6 Select **+** to add additional locations.
- 7 Select **Next**.
- 8 Enter a name.
- 9 Select **Done**.

Editing a Trip Itinerary

- 1 Select **Where To?** > **Trip Planner**.
- 2 Select a saved trip.
- 3 Select an option:
 - Select ① to change the departure time, duration, or arrival time. Select ② to change the transportation mode or route preference for that portion of the trip.
 - Select **Map** to view the trip on the map.



Navigating to a Saved Trip

- 1 Select **Where To?** > **Trip Planner**.
- 2 Select a saved trip.
- 3 Select **Go!**.

Editing a Saved Trip

- 1 Select **Where To?** > **Trip Planner**.
- 2 Select a saved trip.
- 3 Select **☰**.
- 4 Select an option:
 - Select **Rename Trip**.
 - Select **Edit Destinations** to add and delete locations, or to change the order of locations.
 - Select **Delete Trip**.
 - Select **Optimize Order** to arrange the stops on your trip in the most-efficient order.

Map Pages

Viewing the Map While Navigating

NOTICE

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

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

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

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



Changing the Map Data Field

- 1 From the map, select the data field in the lower left-hand corner.
- 2 Select a type of data to display.
- 3 Select **Save**.

Using myTrends™

The myTrends feature senses when you are driving to a common destination and displays the destination and estimated time of travel in the navigation bar on the map.

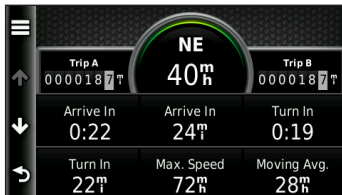
- 1 Select **Tools > Settings > Navigation > Automobile**.
- 2 Select **nüRoute > myTrends > Enabled > Save**.
- 3 Save a common destination, like your home or workplace, as a Favorite ([page 9](#)).
- 4 With the device on, drive to the Favorite several times.
- 5 When myTrends information appears in the navigation bar, select it to view route information.

Viewing Trip Information


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

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

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



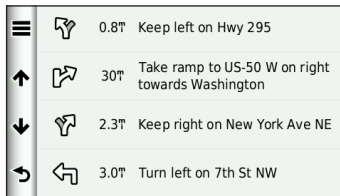
Resetting Trip Information


- 1 From the map, select the **Speed** field > .
- 2 Select an option:
 - When not navigating a route, select **Reset All** to reset every data field, except the speedometer, on the page.
 - Select **Reset Trip Data** to reset the information on the trip computer.
 - Select **Reset Max. Speed** to reset the maximum speed.
 - Select **Reset Trip B** to reset the odometer.

Viewing the Turn List

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

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



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

Viewing the Next Turn

Before you can view the next turn, you must be navigating a route.

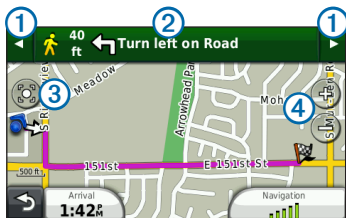
The next turn shows the turn on the map and the distance and time left before you reach the turn.

From the map, select .



Using the Pedestrian Navigation Map

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



- Select ① to switch between sections of the route.
- Select ② to view the route itinerary.
- Select ③ to center the map on your current location.
- Select ④ to zoom in and zoom out.

Hands-Free Phone Calls

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

About Pairing the Devices

The first time you use two devices together, you must pair them by establishing a relationship using a PIN or passkey.

The phone and the device must be turned on and be within 33 ft. (10 m) of each other.

Pairing Using the Phone Settings

You can initiate pairing from your phone. Refer to your phone instructions.

- 1 Select **Tools > Settings > Bluetooth > Bluetooth > Enabled > Save**.
- 2 Enable the Bluetooth component on your phone.
NOTE: This might be in a menu called Settings, Bluetooth, Connections, or Hands-free.
- 3 Search for Bluetooth devices using your phone.
- 4 Select the device from the list of devices.
- 5 Enter the device Bluetooth PIN (**1234**) into your phone.

Pairing Using the Device Settings

- 1 Enable the Bluetooth® component on your phone.
- 2 On the device, select **Tools > Settings > Bluetooth**.
- 3 Select **Bluetooth > Enabled > Save**.
- 4 Select **Add Phone > +**.
- 5 Select your phone, and select **OK**.

- 6 Enter the Bluetooth PIN (1234) for your device in your phone.


Tips About Pairing the Devices


- After the initial pairing, the two devices can connect automatically each time you turn them on.
- When your phone is connected to your device, you are ready to make phone calls.
- When you turn on the device, it tries to connect to the last phone to which it was connected.

Receiving a Call

- Select **Answer**.
- Select **Ignore** to ignore the call.

Using the Device During a Call

During a call,  appears. Depending on the screen shown on your device, the icon could look different.

- 1 Select .
- 2 Select an option:
 - Select **Keypad** to view a keypad page for using automated systems such as voice mail.
 - Select **Handset** to turn off the device but remain on the call, or if you need privacy.
 - To switch back, select **Handsfree**.
 - Select **Mute** to turn off the sound on a call.
 - Select **End Call** to end the call.

Dialing a Point of Interest

- 1 Select **Phone > Points of Interest**.
- 2 Search for a point of interest.
- 3 Select **Call**.

Dialing a Number

- 1 Select **Phone > Dial**.
- 2 Enter the number.
- 3 Select **Dial**.

Entering Your Home Phone Number

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

- 1 Select **Phone > Call Home**.
- 2 Select **Enter Phone Number**.
- 3 Enter the phone number.
- 4 Select **Done**.

Calling Home

Before you can call home using the Call Home button, you must enter a phone number for your home location.

Select **Phone > Call Home**.

Placing Calls Using Voice Dial

Before you can place calls using voice dial, you may need to train your phone to recognize your voice dial commands. Refer to your phone instructions.

- 1 Select **Phone > Voice Dial**.
- 2 Speak the contact name.

Calling a Contact

You can call the numbers saved on your phone from your device.

- 1 Select **Phone > Phone Book**.
- 2 Select a contact.

Checking the Phone Status

You can check the battery level and signal strength for your phone.

Select **Phone > Phone Status**.

Digital TV

You can stream digital TV on your device. Before you can watch digital mobile TV, the device must be in a Sistema Brasileiro de Televisão Digital (ISDB-T) coverage area. For more information, go to www.dibeg.org.

Setting up the Antennas

NOTE: An external antenna is included with the device. The external antenna is intended to improve the TV reception.

You may need to extend the internal antenna or attach the external antenna to receive channels.

- 1 Pull out the TV antenna ①.



- 2 For the best reception, attach the external antenna to the back of the device.

Watching TV

- 1 Select **TV**.
- 2 If necessary, select **Agree**.
- 3 If necessary, select  **> Channel Scan**.

Using the TV










WARNING

Do not attempt to view the TV function or other video input while driving. Failure to pay full attention to the operation of your vehicle could result in death, serious injury, or property damage.

NOTICE


Before using the TV feature in a vehicle, check the local laws and ordinances where you drive. Some laws prohibit drivers from watching TV while operating motor vehicles. Garmin does not assume any responsibility for any fines, penalties, or damages that may be incurred as a result of any law or ordinance relating to the use of your Garmin device.

TV signal strength and system messages display in the status bar of the screen.


- To toggle channels, select  and .
- To select a channel from a list of available channels, select  > **TV Guide**.
- To view the TV program schedule for available channels, select  > **TV Guide** > **Schedule**.
- To adjust the volume, select  and .
- To mute TV audio, select .
- To view subtitles, select  > **TV Settings** > **Subtitle**.
- To return to the TV, select .

Changing the TV Channel


Before you can change the TV channel, you must be receiving channels.

- 1 While watching TV, touch the screen.
- 2 Select .
- 3 Enter a channel number.

Returning to the Main Menu from the TV

- 1 While watching TV, select the screen.
- 2 Select .
- 3 Select an option:
 - To keep the audio on while you use the device, select **Keep Audio On**.
 - To turn off the TV when you leave the TV menu, select **Turn Off TV**.

Returning to the Map from the TV


While watching TV, select .

Returning to the TV from the Map

Select .

Viewing Subtitles

NOTE: The subtitle language is determined by the broadcaster.

- 1 While watching TV, select the screen.
- 2 Select  > **TV Settings** > **Subtitle**.
- 3 Select **On** > **Save**.

Changing the Audio Language

Depending on the broadcaster, you may be able to change the language in which a channel is broadcast.

NOTE: Garmin is not responsible for the broadcast languages.

- 1 Select **TV** >  > **TV Settings**.
- 2 Select **Audio Language**.
- 3 Select a language.

Using the Tools

Viewing Current Location Information

You can 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.

Select **Tools > Where Am I?**

Using Help

Select **Tools > Help** to view information about using the device.

Searching Help Topics

Select **Tools > Help > **

About ecoRoute™

The ecoRoute feature calculates the 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 the vehicle. To receive more-accurate fuel reports for your specific vehicle and driving habits, calibrate the fuel economy ([page 17](#)).

ecoRoute HD Accessory

When connected to the ecoRoute HD accessory, your device can receive real-time vehicle information, such as error messages, RPM, and battery voltage, and you can reset the check engine light. Go to www.garmin.com/ecoroute for compatibility and purchasing information.

Using ecoRoute

- 1 Select **Tools > ecoRoute**.
- 2 If prompted, enter fuel and mileage information.

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

Calibrating the Fuel Economy

You can calibrate the fuel economy to receive more-accurate fuel reports for your specific vehicle and driving habits. You should calibrate when you fill up your fuel tank.

- 1 Select **Tools > ecoRoute > At the Pump**.
- 2 Enter the current fuel price.
- 3 Enter how much fuel the vehicle has used since the last fill up.
- 4 Enter the distance you have traveled since the last fill up.
- 5 Select **Next**.

The device calculates the average vehicle fuel economy.

About the ecoChallenge

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

Viewing ecoChallenge Scores

Select **Tools > ecoRoute > ecoChallenge**.

About the 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 your vehicle 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

From the map, select  >  > **Settings > Hide**.

Resetting the ecoChallenge

From the map, select  >  > **Reset**.

Viewing Fuel Economy Information

- 1 Select **Tools > ecoRoute > Fuel Economy**.
- 2 Select a section of the graph to zoom in.

Adjusting the Vehicle Profile

- 1 Select **Tools > ecoRoute > Vehicle Profile**.
- 2 Select an option:
 - **Fuel Type**
 - **City Fuel Economy**
 - **Hwy. Fuel Economy**
 - **Fuel Price**

TIP: For best results, calibrate the fuel economy ([page 17](#)) instead of adjusting the city and highway fuel efficiency.

About 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 the device, a mileage report is created for the distance you traveled.

Viewing a Mileage Report

You can view saved mileage reports on the device. You can also access mileage reports in the Reports folder on the device drive or volume ([page 20](#)).

- 1 Select **Tools > Mileage Report**.
- 2 Select a report.

Resetting ecoRoute Data


- 1 Select **Tools** > **ecoRoute**.
- 2 Select a category.
- 3 Select  > **Reset**.

Using the Picture Viewer

View pictures that you have stored in the device or on a memory card. See [page 20](#) for more information about loading pictures on the device.

- 1 Select **Tools** > **Picture Viewer**.
- 2 Select an option.

Deleting Pictures

- 1 Select **Tools** > **Picture Viewer**.
- 2 Select a picture.
- 3 Select  > **Delete** > **Yes**.

Using the World Clock

- 1 Select **Tools** > **World Clock**.
- 2 Select a city name.
- 3 Enter a new city name.
- 4 Select **Done**.
- 5 If necessary, select a city.

Viewing the World Clock


Select **Tools** > **World Clock** > .

Nighttime hours appear in the shaded area of the map.

Using the Calculator

Select **Tools** > **Calculator**.

Capturing Screenshots

- 1 Select **Tools** > **Settings** > **Display** > **Screenshot** > **Enabled** > **Save**.
- 2 Select .

The picture bitmap file is saved in the **screenshots** folder on the device drive ([page 20](#)).

Using the Unit Converter

- 1 Select **Tools** > **Unit Converter**.
- 2 Select the box next to **Convert**, select a unit of measure, and select **Save**.
Two units of measure appear.
- 3 Select a unit of measure to convert, and select **Save**.
- 4 Select a second unit of measure, and select **Save**.
- 5 Enter a value.
- 6 Select **Done**.

Setting Currency Conversion Rates Manually

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

- 1 Select **Tools** > **Unit Converter**.
- 2 Select the box next to **Convert**.
- 3 Select **Currency**, then select **Save**.

- 4 Select the box at the bottom of the screen that lists the currency rate.
- 5 Select the box next to a currency.
- 6 Enter a value, and select **Done**.
- 7 Select **Done**.

Data Management

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

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

File Types

The device supports:

- JPEG and JPG image files ([page 19](#)).
- Maps and GPX waypoint files from MapSource® ([page 26](#)).
- GPI custom POI files from Garmin POI Loader ([page 26](#)).

Installing a Memory Card

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

Transferring Files To Your Computer



- 1 Connect the device to your computer. Your device and memory card appear as removable drives in My Computer in Windows and as mounted volumes on Mac computers.

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

- 2 Browse your computer for a file.
- 3 Highlight the file.
- 4 Click **Edit > Copy**.
- 5 Open the “Garmin” or memory card drive or volume.
- 6 Select **Edit > Paste**.

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

Disconnecting the USB Cable

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

Deleting Files

NOTICE

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

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

Customizing the Device

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

System Settings

Select **Tools > Settings > System**.

- **GPS Mode**—stops the device from receiving a GPS signal, and saves battery power.
- **Units**—allows you to change the units of measure for distance.
- **Time Format**—allows you to select a 12-hour, 24-hour, or UTC display time.
- **Current Time**—allows you to manually change the time.
- **Safe Mode**—disables all functions that require significant operator attention and could become a distraction while driving.

- **Garmin Lock™**—locks the device ([page 25](#)).
- **About**—displays the software version number, the unit ID number, and information on several other software features.

NOTE: You need this information when you update the system software or purchase additional map data).

Navigation Settings

Automobile Navigation Settings

Select **Tools > Settings > Navigation > Automobile**.

- **nüRoute™**—changes advanced routing preferences.
- **Map Detail**—sets the level of detail on the map. More detail may cause the map to draw slower.
- **Map View**—sets the perspective on the map.
- **Map Theme**—changes the color of the map data.
- **Vehicle**—changes the icon to represent your position on the map. Go to www.garmin.com for more icons.
- **Trip Log**

Changing the Map Perspective

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

Pedestrian Navigation Settings

Select **Tools > Settings > Navigation > Pedestrian**.

- **Limit Walking**—controls how much of a pedestrian route will include walking.
- Trip Log

Route Preferences

Select **Tools > Settings > Navigation > Automotive > nüRoute > Calculation Mode**.

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

- **Faster Time**—calculates routes that are faster to drive but can be longer in distance.
- **Shorter Distance**—calculates routes that are shorter in distance but can take more time to drive.

- **Off Road**—calculates a direct line from your location to your destination.

Avoiding Road Features


- 1 Select **Tools > Settings > Navigation > Automobile > nüRoute > Avoidances**.
- 2 Select the road features to avoid on your routes.
- 3 Select **Save**.

Adding a Custom Avoidance

You can set your device to avoid certain areas or roads when calculating routes.

- 1 Select **Tools > Settings > Navigation > Automobile > nüRoute > Custom Avoidances**.
- 2 If necessary, select **Add New Custom Avoidance**.
- 3 Select an option:
 - Select **Add Avoid Area**. The avoided area is in the shape of a rectangle.
 - Select **Add Avoid Road**.
- 4 Follow on-screen instructions.
- 5 Select **Done**.


Editing a Custom Avoidance

- 1 Select **Tools > Settings > Navigation > Automobile > nüRoute > Custom Avoidances**.
- 2 Select a custom avoidance.
- 3 Select , then select an option.

- Select **Rename**.
- Select **Delete**.

Disabling a Custom Avoidance

If you disable a custom avoidance, the device will calculate routes using that area or road.

- 1 Select **Tools > Settings > Navigation > Automobile > nüRoute > Custom Avoidances**.
- 2 Select a custom avoidance.
- 3 Select  **> Disable**.

Display Settings

Select **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.
- **Screenshot**—allows you to take a picture of the device screen ([page 19](#)).
- **Calibration**—allows you to calibrate the device screen.

Language Settings

Select **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.

Viewing Map Information


Select **Tools > Settings > myMaps**.

Enabling Maps

- 1 Select **Tools > Settings > myMaps**.
- 2 Select a map.

Bluetooth Settings

Select **Tools > Settings > Bluetooth**.

- **Phone**
- **Bluetooth**—enables the Bluetooth component.
-  appears on the main menu if the Bluetooth component is turned on.
- **Friendly Name**—allows you to enter a friendly name that identifies your nüvi on devices with Bluetooth technology.

Managing the Bluetooth Device List

You can add, disconnect, or delete phones that your device detects while Bluetooth is enabled.

- 1 Select **Tools > Settings > Bluetooth > Phone**.
- 2 Select an option:
 - Select a phone for your device to connect with.
 - Select **+** to add a phone to the menu.
 - Select **X** to delete a phone from the device memory.
 - Select **None** to drop your current connection.

Restoring Settings

- 1 Select **Tools > Settings**.
- 2 If necessary, select a settings category.
- 3 Select **≡ > Restore > Yes**.

Appendix

Power Cables

Your device can be powered three ways.

- Vehicle power cable
- USB cable (included with some models)
- AC adapter (optional accessory)

Caring for Your Device

NOTICE

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

Do not expose the device to water.

Contact with water can cause this device to malfunction.

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

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

Cleaning the Outer Casing

NOTICE

Avoid chemical cleaners and solvents that can damage plastic components.

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

Cleaning the Screen

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

- 1 Apply the liquid to the cloth.
- 2 Gently wipe the screen with the cloth.

Avoiding Theft

- Remove the device and mount from sight when not in use.
- Remove the residue left on the windshield by the suction cup.
- Do not keep your device in the glove compartment.
- Register your device at <http://my.garmin.com>.
- Use the Garmin Lock feature (page 25).

Locking the Device

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

- 1 Select **Tools > Settings > System > Garmin Lock > Lock Device > Enabled**.
- 2 Enter a 4-digit PIN twice.
- 3 Drive to a security location.
- 4 Select **Set**.

Changing Your Garmin Lock PIN

- 1 From the Garmin Lock menu, select **Change PIN**.
- 2 Enter a new 4-digit PIN twice.

Changing Your Security Location

- 1 From the Garmin Lock menu, select **Security Location**.
- 2 Drive to the new security location.

- 3 Select **Set**.

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.

NOTE: 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.

Erasing User Data

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

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

Maximizing the Battery Life

- Press and quickly release the **Power** key to lock the screen.
- Select **Tools > Settings > Display > Brightness** to turn down the backlight.
- Do not leave your device in direct sunlight.
- Avoid prolonged exposure to excessive heat.

Changing the Fuse in the Vehicle Power Cable

NOTICE

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

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

- 1 Unscrew the end piece.

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

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

About nüMaps Lifetime

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

Some models include subscriptions to nüMaps Lifetime.

LM	This model includes a nüMaps Lifetime subscription.
LMT	This model includes a lifetime traffic subscription, nüMaps Lifetime subscription, and a traffic receiver.

Purchasing Additional Maps

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

Purchasing Accessories

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

Contacting Garmin Product Support

Go to www.garmin.com/support and click **Contact Support** for in-country support information.

Troubleshooting

Problem	Solution
My device is not acquiring satellite signals.	<ul style="list-style-type: none"> • Verify that the GPS simulator is turned off (page 21). • Select Tools > Settings > System > GPS Mode > GPS off. • Take your device out of parking garages and away from tall buildings and trees. • Remain stationary for several minutes.
The suction cup will not stay on my windshield.	<ul style="list-style-type: none"> • Clean the suction cup and windshield with rubbing alcohol. • Dry with a clean, dry cloth. • Mount the suction cup (page 1).
The device does not charge in my vehicle.	<ul style="list-style-type: none"> • Check the fuse in the vehicle power cable (page 26). • Verify 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 in 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 (page 23).
My battery gauge does not seem accurate.	Allow the unit to fully discharge, and fully charge it (without interrupting the charge cycle).
How do I know my device is in USB mass storage mode?	When your device is in USB mass storage mode, a picture of a device connected to a computer is shown on the device screen. Also, you should see two new removable disk drives listed in My Computer .
The device is connected to the computer, but it will not go into mass storage mode.	<ol style="list-style-type: none"> 1 Disconnect 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. 4 Verify your device 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 device drives. Refer to your operating system Help file to learn how to map or assign drive letters.
My phone will not connect to the device.	<ul style="list-style-type: none">• Select Tools > Settings > Bluetooth. The Bluetooth field must be set to Enabled.• Turn on your phone and bring it within 33 feet of the device.• Go to www.garmin.com/bluetooth for more help.

Index

Symbols

2D, 3D map view 22

A

accessories 26
adding a stop 6
addresses 7
anti-theft feature 25
avoiding theft 25

B

battery 27
Bluetooth technology 13
 calling from location map 8
 friendly name 23
 pairing with phone 13
 settings 23
brightness 23

C

calculator 19
calls
 answering 14
 hanging up 14
 home 14
 muting 14
caring for your device 24
changing destinations 6
charging your device 27
cleaning your device 24
converting
 currency 19
 units 19
coordinates 8

current location, saving 9
customizing the device 21–28

D

deleting
 all user data 25
 favorites 10
 files 21
 pictures 19
 recent finds list 8
 trips 10
detailed maps 20, 23
detours 6
diacritical characters 4
Digital TV 15
display settings 23
driving directions 12

E

ecoRoute 17–20
 calibrate fuel economy 17
 ecoChallenge score 18
 fuel economy information 18
 mileage report 18
 vehicle profile 17

editing

 change categories 9
 change map symbol 9
 destinations 10
 favorites 9
 home location 7
 saved trip 10

F

Favorites 9–10
files
 deleting 21
 supported types 20

finding locations
 by address 7
 by coordinates 8
 by postal code 7
 recent selections 8
 saved locations (Favorites) 9
 using the map 7
fuse, changing 26

G

Garmin Lock 25
Garmin Product Support 26
geocaching 8
go home 7
GPS
 settings 21
 simulator 9

H

Help 17
home
 phone number 14
 setting a location 7

J

JPEG image files 20

K

keyboard 4
 language mode 4, 23

L

latitude and longitude 8
location map options 8
locking
 the device 25

M

- maps
 - adding 26
 - detail level 21
 - information 23
 - pedestrian 13
 - purchasing 26
 - theme 21
 - view 22
- MapSource 20, 26
- mass storage mode 20
- measurements, converting 19
- mileage report 18
- mobile phone features 13
- mounting the device
 - on windshield 27
- mute
 - phone call 14
- myTrends 11

N

- navigation 11
 - off road 6
 - pedestrian 13
 - settings 21
- next turn 12
- nüMaps Lifetime 26
- nüRoute 21

O

- off-road navigation 6, 22

P

- pairing a mobile phone 13
- picture viewer 19
- PIN
 - Bluetooth 13
 - Garmin Lock 25

points of interest

- finding 6
- POI loader 20
- predictive routing 11
- product support 26
- protecting your device 24

R

- recalculating routes 6
- recently found locations 8
- renaming trips 10
- resetting
 - home location 7
 - the max speed 12
 - trip data 12
- routes
 - calculation 22
 - off road 6, 22
 - stopping 6

S

- safe mode 21
- satellite signals 3
- saving
 - found locations 9
 - your current location 9
- screen
 - brightness 23
 - calibration 23
- screenshots 19
- security location 25
- settings 21
- software
 - version 21
- speed limit
 - icon 11
- storing the device 24
- system settings 21

T

- text language 23
- time settings 21
- tools 17–22
- Track Up 22
- transportation mode 3
- trip computer 12
 - resetting information 11
- trip planner 10
- troubleshooting 27
- turn-by-turn directions 12
- turn list 12
- TV 15
 - antenna 15
 - audio 16
 - menu 15
 - watching TV 15

U

- unit converter 19
- unit ID 21
- USB 27
- user data, deleting 25

V

- vehicle profile 18
- voice dial 14
- voice language 23
- voice mail 14
- volume
 - adjusting 3

W

- Where Am I? 17
- world clock 19

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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Garmin International, Inc.
1200 East 151st Street, Olathe, Kansas 66062, USA

Garmin (Europe) Ltd.
Liberty House, Hounslow Business Park, Southampton, Hampshire, SO40 9LR UK

Garmin Corporation
No. 68, Zhangshu 2nd Road, Xizhi Dist., New Taipei City, 221, Taiwan (R.O.C.)

www.garmin.com