# Table of Contents

**Getting Started** ........................................... 1  
Garmin® Device Overview ................................. 1  
Mounting and Powering the Garmin Device in Your Vehicle ................................. 1  
Turning the Device On or Off ............................ 1  
Acquiring GPS Signals .................................... 1  
Status Bar Icons ............................................. 1  
Adding a Shortcut ......................................... 2  
Routes ....................................................... 2  
Viewing Current Location Information ............. 2  
Viewing Recently Found Locations .................. 2  
Parking ....................................................... 2  
Location Search Results ................................ 2  
Finding an Address ........................................ 2  
Finding a Location Using the Search Bar .......... 2  
Finding an Address .................................... 2  
Finding a Location Using Coordinates .............. 2  
Parking ....................................................... 2  
Finding Parking Near Your Current Location ... 2  
Finding Parking Near a Specified Location ...... 2  
Understanding Parking Colors and Symbols ...... 2  
Viewing Recently Found Locations .................. 2  
Visualizing the List of Recently Found Locations . 2  
Viewing Current Location Information ............. 2  
Finding Emergency Services and Fuel ............. 2  
Getting Directions to Your Current Location ...... 2  
Adding a Shortcut ........................................ 2  
Removing a Shortcut .................................... 2  
Saving Locations ........................................ 2  
Saving a Location ........................................ 2  
Saving Your Current Location ......................... 2  
Editing a Saved Location ............................... 2  
Assigning Categories to a Saved Location ......... 2  
Deleting a Saved Location ............................. 2  
**Following a Route** ..................................... 8  
Routes ....................................................... 8  
Starting a Route ......................................... 8  
Starting a Route by Using the Map ................... 8  
**Vehicle Profiles** ........................................ 2  
Adding a Vehicle Profile ................................ 2  
Car Profile ................................................ 2  
Switching the Vehicle Profile ......................... 2  
Editing a Vehicle Profile ............................... 2  
Adding Propane Tanks .................................. 2  
**Driver Awareness Features and Alerts** .......... 3  
Enabling or Disabling Audible Driver Alerts ........ 3  
Red Light and Speed Cameras ......................... 3  
Warning and Alert Symbols ............................ 3  
Restriction Warnings .................................... 3  
Road Condition Warnings ............................... 4  
Alerts ...................................................... 4  
**Finding and Saving Locations** ....................... 4  
Finding a Location Using the Search Bar .......... 4  
Finding an Address .................................... 4  
Location Search Results ................................ 4  
Changing the Search Area .............................. 4  
Location Search Results on the Map ................ 5  
Changing the Search Area Using the Map ......... 5  
Points of Interest ........................................ 5  
Finding a Location by Category ...................... 5  
Finding Campgrounds .................................. 5  
Finding RV Services .................................... 5  
Finding National Parks ................................ 5  
Finding HISTORY Points of Interest ............... 5  
Foursquare ................................................ 6  
TripAdvisor ............................................... 6  
Navigating to Points of Interest Within a Venue 6  
Search Tools ............................................. 6  
Finding an Intersection ................................ 6  
Finding a Location Using Coordinates .............. 6  
Parking ....................................................... 6  
Finding Parking Near Your Current Location ... 6  
Finding Parking Near a Specific Location ...... 6  
Understanding Parking Colors and Symbols ...... 6  
Viewing Recently Found Locations .................. 6  
Clearing the List of Recently Found Locations . 6  
Viewing Current Location Information ............. 6  
Finding Emergency Services and Fuel ............. 6  
Getting Directions to Your Current Location ...... 6  
Adding a Shortcut ........................................ 6  
Removing a Shortcut .................................... 6  
Saving Locations ........................................ 6  
Saving a Location ........................................ 6  
Saving Your Current Location ......................... 6  
Editing a Saved Location ............................... 6  
Assigning Categories to a Saved Location ......... 6  
Deleting a Saved Location ............................. 6  
**Using the Map** ........................................ 10  
Map Tools ............................................... 11  
Viewing a Map Tool .................................... 11  
Up Ahead ................................................... 11  
Viewing upcoming Locations ...................... 11  
Customizing the Up Ahead Categories ............. 11  
Cities Ahead ............................................. 11  
Viewing upcoming Cities and Exit Services ... 11  
Trip Information ........................................ 11  
Viewing Trip Data from the Map ................... 11  
Viewing the Trip Information Page ............... 11  
Viewing the Trip Log .................................... 12  
Resetting Trip Information ............................ 12  
Viewing Upcoming Traffic ............................. 12  
Viewing Traffic on the Map ........................... 12  
Searching for Traffic Incidents ....................... 12  
Customizing the Map ................................... 12  
Customizing the Map Layers ......................... 12  
Changing the Map Data Field ....................... 12  
Changing the Map Perspective ....................... 12  
**Live Services, Traffic, and Smartphone Features** ...... 12  
Pairing with Your Smartphone ........................ 12  
Disabling Bluetooth Features (Android™) ........ 12  
Disabling Bluetooth Features (iPhone®) ........... 13  
Bluetooth Feature Status Icons ..................... 13  
Smart Notifications ..................................... 13  
Receiving Notifications ............................... 13  
Viewing the List of Notifications .................... 13  
Going to an Address or Location Using the Garmin Drive App .................................. 13  
Hands-Free Calling ...................................... 14  
Placing a Call .......................................... 14  
Receiving a Call ........................................ 14  
Using the Call History ................................ 14  
Using In-Call Options ................................ 14  
Saving a Home Phone Number ...................... 14  
Disconnecting a Bluetooth Device ............... 14  
Deleting a Paired Phone .............................. 14  
**Traffic** ............................................... 14  
Receiving Traffic Data Using Your Smartphone ... 14  
Receiving Traffic Data Using a Traffic Receiver ... 15  
Traffic Receiver Subscriptions ...................... 15  
Enabling Traffic ....................................... 15
Adding a Subscription .......................................................... 15

Voice Command ........................................................................ 15
Setting the Wakeup Phrase .................................................. 15
Activating Voice Command .................................................. 15
Voice Command Tips .................................................................. 15
Starting a Route Using Voice Command .................................. 15
Muting Instructions ................................................................. 16
Voice Control ............................................................................. 16
Configuring Voice Control ..................................................... 16
Using Voice Control .................................................................. 16
Voice Control Tips ..................................................................... 16

Using the Apps ........................................................................ 16
Viewing the Owner's Manual on Your Device ................................ 16
Viewing the Weather Forecast ................................................ 16
Viewing Weather Near a Different City .................................... 16
Viewing the Weather Radar ...................................................... 16
Viewing Weather Alerts .......................................................... 16
Checking Road Conditions ..................................................... 16
Trip Planner .............................................................................. 16
Planning a Trip .......................................................................... 16
Editing and Reordering Locations in a Trip .............................. 17
Discovering Attractions Along Your Trip ................................. 17
Changing Routing Options for a Trip ....................................... 17
Navigating to a Saved Trip ....................................................... 17
Editing and Saving Your Active Route .................................... 17

photoLive Traffic Cameras ...................................................... 17
Viewing and Saving photoLive Traffic Cameras ................................ 17
Viewing photoLive Traffic Cameras on the Map ..................... 17
Saving a Traffic Camera .......................................................... 17
Viewing Previous Routes and Destinations ............................... 17

Settings .................................................................................. 18
Map and Vehicle Settings ....................................................... 18
Enabling Maps .......................................................................... 18
Navigation Settings .................................................................. 18
Calculation Mode Settings ..................................................... 18
Setting a Simulated Location .................................................. 18
Wireless Network Settings ....................................................... 18
Driver Assistance Settings ...................................................... 18
Proximity Alerts Settings ......................................................... 18
Display Settings ....................................................................... 18
Traffic Settings ........................................................................ 18
Units and Time Settings ........................................................ 19
Setting the Time ...................................................................... 19
Language and Keyboard Settings ............................................ 19
Device and Privacy Settings .................................................... 19
Restoring Settings ................................................................. 19

Device Information ................................................................. 19
Viewing E-label Regulatory and Compliance Information ........ 19
Specifications .......................................................................... 19
Charging the Device ............................................................... 19

Device Maintenance ............................................................... 19
Map and Software Updates ...................................................... 19
Connecting to a Wi-Fi Network ................................................ 19
Updating Maps and Software Using a Wi-Fi Network .............. 20
Updating Maps and Software with Garmin Express .............. 20
Device Care ............................................................................... 20
Cleaning the Outer Casing ...................................................... 21
Cleaning the Touchscreen ....................................................... 21
Avoiding Theft ......................................................................... 21
Restarting the Device ............................................................. 21
Removing the Device, Mount, and Suction Cup ...................... 21
Removing the Device from the Mount ...................................... 21
Removing the Mount from the Suction Cup ............................. 21
Removing the Suction Cup from the Windshield ...................... 21

Troubleshooting ................................................................. 21
The suction cup will not stay on my windshield ....................... 21
My device is not acquiring satellite signals ......................... 21
The device does not charge in my vehicle .............................. 21
My battery does not charge for very long .............................. 21
My device does not connect to my phone .............................. 21

Appendix .............................................................................. 22
Installing a Memory Card for Maps and Data .......................... 22
Data Management .................................................................. 22
About Memory Cards ............................................................. 22
Connecting the Device to Your Computer ............................... 22
Transferring Data From Your Computer .................................. 22
Disconnecting the USB Cable ................................................ 22
Viewing GPS Signal Status ..................................................... 22
Purchasing Additional Maps ................................................... 22
Purchasing Accessories ......................................................... 22

Index ..................................................................................... 23
Getting Started

WARNING

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

• Update the maps and software on your device (Map and Software Updates, page 19).
• Mount the device in your vehicle and connect it to power (Mounting and Powering the Garmin Device in Your Vehicle, page 1).
• Acquire GPS signals (Acquiring GPS Signals, page 1).
• Adjust the volume (Adjusting the Volume, page 2) and display brightness (Adjusting the Screen Brightness, page 2).
• Set up a vehicle profile for your camper (Adding a Vehicle Profile, page 2).
• Navigate to your destination (Starting a Route, page 8).

Garmin® Device Overview

1 Power key
2 USB power and data port
3 Map and data memory card slot
4 Microphone for Voice Command or hands-free calling

Mounting and Powering the Garmin Device in Your Vehicle

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, store the device out of direct sunlight.

Before you use your device on battery power, you should charge it.
1 Plug the vehicle power cable 1 into the USB port on the device.
2 Press the mount 2 onto the suction cup 3 until it snaps into place.
3 Press the suction cup to the windshield, and flip the lever 4 back toward the windshield.
4 Fit the tab on the top of the mount into the slot on the back of the device.
5 Press the bottom of the mount into the device until it clicks.
6 Plug the other end of the vehicle power cable into a power outlet in your vehicle.

Turning the Device On or Off

• To turn the device on, press the power key 1, or connect the device to power.

While in power saving mode, the screen is off and the device uses very little power, but it can wake instantly for use.
TIP: You can charge your device faster by putting it in power saving mode while charging the battery.
• To turn off the device completely, hold the power key until a prompt appears on the screen, and select Off. The prompt appears after five seconds. If you release the power key before the prompt appears, the device enters power saving mode.

Acquiring GPS Signals

When you turn on your navigation device, the GPS receiver must collect satellite data and establish the current location. The time required to acquire satellite signals varies based on several factors, including how far you are from the location where you last used your navigation device, whether you have a clear view of the sky, and how long it has been since you last used your navigation device. The first time you turn on your navigation device, it may take several minutes to acquire satellite signals.
1 Turn on the device.
2 Wait while the device locates satellites.
3 If necessary, go to an open area, away from tall buildings and trees.

GPS signal status. Hold to view GPS accuracy and acquired satellite information (Viewing GPS Signal Status, page 22).

Bluetooth® technology status. Select to view the Bluetooth settings (Wireless Network Settings, page 18).

Wi-fi signal strength. Select to change the wi-fi settings (Wireless Network Settings, page 18).

Connected to hands-free calling. Select to place a phone call (Hands-Free Calling, page 14).

Active vehicle profile. Select to view the vehicle profile settings (Editing a Vehicle Profile, page 2).

Current time. Select to set the time (Setting the Time, page 19).

Battery charge level.
Using the On-Screen Buttons
On-screen buttons allow you to navigate the pages, menus, and menu options on your device.
- Select \( \uparrow \) to return to the previous menu screen.
- Hold \( \uparrow \) to quickly return to the main menu.
- Select \( \uparrow \) or \( \downarrow \) to scroll through lists or menus.
- Hold \( \uparrow \) or \( \downarrow \) to scroll faster.
- Select \( \equiv \) to see a context-based menu of options for the current screen.

Adjusting the Volume
1. Select Volume.
2. Select an option:
   - Use the slider bar to adjust the volume.
   - Select \( \equiv \) to mute the device.
   - Select \( \equiv \) for additional options.

Using the Audio Mixer
You can use the audio mixer to set the volume levels for different audio types, such as navigation prompts or phone calls. The level for each audio type is a percentage of the master volume.
1. Select Volume.
2. Select \( \equiv \) > Audio Mixer.
3. Use the sliders to adjust the volume for each audio type.

Adjusting the Screen Brightness
1. Select Settings > Display > Brightness.
2. Use the slider bar to adjust the brightness.

Vehicle Profiles

\[ \text{WARNING} \]
Entering your vehicle profile characteristics does not guarantee that your vehicle’s characteristics will be accounted for in all route suggestions or that you will receive the warning icons in all cases. Limitations may exist in the map data such that your device 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.

Routing and navigation are calculated differently based on your vehicle profile. The activated vehicle profile is indicated by an icon in the status bar. The navigation and map settings on your device can be customized separately for each vehicle type. When you activate a camper vehicle profile, the device avoids including restricted or impassable areas in routes based on the dimensions, weight, and other characteristics you entered for your vehicle.

Adding a Vehicle Profile
You should add a vehicle profile for each camper to be used with your device.
1. Select Settings > Vehicle Profile > .
2. Select your vehicle type:
   - To add a motorhome with a permanently attached camper, select Motorhome.
   - To add a motorhome pulling a trailer, select Motorhome with Trailer.

³ To add a truck with an attached camper, select Truck Camper.
³ To add a truck with an attached camper pulling a trailer, select Truck Camper with Trailer.
³ To add a car, select Car.
³ To add a camper pulled behind a passenger vehicle, select With Trailer.
3. If necessary, select your trailer type:
   - To add a camper pulled using a standard hitch, select Travel Trailer.
   - To add a camper pulled using a fifth-wheel hitch, select Fifth Wheel.
   \[ \text{NOTE: This trailer type is not available in all areas.} \]
   - To add a trailer pulled using a standard hitch, select Trailer.
   - To add a trainer pulled using a standard hitch, select Trailer.
4. Follow the on-screen instructions to enter the vehicle characteristics.

After you add a vehicle profile, you can edit the profile to enter additional detailed information (Editing a Vehicle Profile, page 2).

Car Profile
The car profile is a preloaded vehicle profile intended for use in an automobile without a trailer. While using the car profile, the device calculates standard automobile routes, and routing for large vehicles is not available. Some features and settings specific to large vehicles are not available while using the car profile.

Switching the Vehicle Profile
The first time you turn on your device, it prompts you to select a vehicle profile. You can manually switch another vehicle profile at any time.
1. From the status bar, select the vehicle profile icon, such as or .
2. Select a vehicle profile.
   - The vehicle profile information appears, including measurements and weight.
3. Select Select.

Editing a Vehicle Profile
You can change basic vehicle profile information or add detailed information to a vehicle profile, such as maximum speed.
1. Select Settings > Vehicle Profile.
2. Select the vehicle profile to edit.
3. Select an option:
   - To edit the vehicle profile information, select , and select a field to edit.
   - To rename a vehicle profile, select \( \equiv \) > Rename Profile.
   - To delete the vehicle profile, select \( \equiv \) > Delete.

Adding Propane Tanks
\[ \text{NOTE: This feature is not available on all product models.} \]
When you add your propane tanks to your vehicle profile, the device avoids routing through areas with propane tank restrictions that may affect your route. The device also alerts you when you approach areas that require you to shut off your propane tanks.
1. Select Settings > Vehicle Profile.
2. Select the vehicle profile to edit.
Driver Awareness Features and Alerts

**CAUTION**

The driver alerts and speed limit features are for information only and do not replace your responsibility to abide by all posted speed limit signs and to use safe driving judgment at all times. Garmin is not responsible for any traffic fines or citations you receive for failing to follow all applicable traffic laws and signs.

Your device provides features that can help encourage safer driving and increase efficiency, even when you are driving in a familiar area. The device plays an audible tone or message and displays information for each alert. You can enable or disable the audible tone for some types of driver alerts. Not all alerts are available in all areas.

**Schools:** The device plays a tone and displays the speed limit (if available) for an upcoming school or school zone.

**Speed limit exceeded:** The device plays a tone and displays a red border on the speed limit icon when you exceed the posted speed limit for the current road.

**Speed limit change:** The device plays a tone and displays the upcoming speed limit so you can be prepared to adjust your speed.

**Wrong way on a one-way street:** The device plays a message and displays a full-screen warning if you travel the wrong way on a one-way street. The edges of the screen appear red and an alert remains at the top of the screen until you leave the one-way street or correct your direction of travel.

**Railroad crossing:** The device plays a tone to indicate an upcoming railroad crossing.

**Animal crossing:** The device plays a tone to indicate an upcoming animal crossing area.

**Curves:** The device plays a tone to indicate a curve in the road.

**Slower traffic:** The device plays a tone to indicate slower traffic when you approach slower traffic at a higher speed. Your device must be receiving traffic information to use this feature (Traffic, page 14).

**Break planning:** The device plays a tone and suggests upcoming rest stops after you have been driving for a long time.

**Risk of grounding:** The device plays a tone and displays a message when you approach a road where your vehicle could become grounded.

**Lateral wind:** The device plays a tone and displays a message when you approach a road where there is risk of lateral wind.

**Narrow road:** The device plays a tone and displays a message when you approach a road that may be too narrow for your vehicle.

**Steep hill:** The device plays a tone and displays a message when you approach a steep hill.

**State and country borders:** The device plays a tone and displays a message when you approach the border of a state or country.

**Shut off propane:** The device plays a tone and displays a message when you approach an area where propane should be turned off.

**Enabling or Disabling Audible Driver Alerts**

You can enable or disable the audible tone for some types of driver alerts. The visual alert appears even when the tone is disabled.

---

1. Select **Settings > Driver Assistance > Driver Alerts.**
2. Select or clear the check box next to each alert.

**Red Light and Speed Cameras**

**NOTICE**

Garmin is not responsible for the accuracy of or the consequences of using a red light or speed camera database.

**NOTE:** This feature is not available for all regions or product models.

Information about red light and speed camera locations is available in some areas for some product models. The device alerts you when you approach a reported speed or red light camera.

- In some areas, your device can receive live red light and speed camera data while connected to a smartphone running the Garmin Drive app.
- You can use the Garmin Express™ software (garmin.com /express) to update the camera database stored on your device. You should update your device frequently to receive the most up-to-date camera information.
- To maintain an updated database of red light and speed camera locations, your device must have an active subscription to download and store safety camera data. Go to garmin.com/speedcameras to check availability and compatibility, or to purchase a subscription or one-time update. You can purchase a new region or extend an existing subscription at any time.

**NOTE:** In some regions, some product bundles include pre-loaded red light and speed camera data with subscription-free updates.

**Warning and Alert Symbols**

**WARNING**

Entering your vehicle profile characteristics does not guarantee that your vehicle’s characteristics will be accounted for in all route suggestions or that you will receive the warning icons in all cases. Limitations may exist in the map data such that your device 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.

Warning and alert symbols may appear on the map or in route directions to alert you to potential hazards and road conditions.

**Restriction Warnings**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>#</td>
<td>Height</td>
</tr>
<tr>
<td>@</td>
<td>Weight</td>
</tr>
<tr>
<td>^</td>
<td>Length</td>
</tr>
<tr>
<td>°</td>
<td>Width</td>
</tr>
<tr>
<td>†</td>
<td>Trailer height</td>
</tr>
<tr>
<td>‡</td>
<td>Trailer weight</td>
</tr>
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<td>††</td>
<td>Trailer length</td>
</tr>
<tr>
<td>†††</td>
<td>Trailer width</td>
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<tr>
<td>♂</td>
<td>No boat trailers allowed</td>
</tr>
<tr>
<td>♀</td>
<td>No campers allowed</td>
</tr>
<tr>
<td>♀♀</td>
<td>No trailers allowed</td>
</tr>
<tr>
<td>♀♂</td>
<td>No propane</td>
</tr>
<tr>
<td>♂♀♀</td>
<td>No left turn</td>
</tr>
<tr>
<td>♀♂♂</td>
<td>No right turn</td>
</tr>
<tr>
<td>♂♀♂♀</td>
<td>No U turn</td>
</tr>
</tbody>
</table>
Road Condition Warnings

<table>
<thead>
<tr>
<th>Condition</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Risk of grounding</td>
<td></td>
</tr>
<tr>
<td>Lateral wind</td>
<td></td>
</tr>
<tr>
<td>Narrow road</td>
<td></td>
</tr>
<tr>
<td>Sharp curve</td>
<td></td>
</tr>
<tr>
<td>Steep down hill</td>
<td></td>
</tr>
<tr>
<td>Tree overhang</td>
<td></td>
</tr>
</tbody>
</table>

Alerts

<table>
<thead>
<tr>
<th>Alert</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weigh station</td>
<td></td>
</tr>
<tr>
<td>Road not verified for motorhomes</td>
<td></td>
</tr>
</tbody>
</table>

Finding and Saving Locations

The maps loaded in your device contain locations, such as restaurants, hotels, auto services, and detailed street information. The Where To? menu helps you find your destination by providing several methods to browse, search, and save this information.

From the main menu, select Where To?.

- To quickly search all locations on your device, select Search (Finding a Location Using the Search Bar, page 4).
- To find an address, select Address (Finding an Address, page 4).
- To browse or search pre-loaded points of interest by category, select Categories (Finding a Location by Category, page 5).
- To search near a different city or area, select next to the current search area (Changing the Search Area, page 4).
- To view and edit your saved locations, select Saved (Saving Locations, page 7).
- To view locations you have recently selected from the search results, select Recent (Viewing Recently Found Locations, page 7).
- To search for RV parks and campgrounds, select All Campgrounds (Finding Campgrounds, page 5).
- To browse, search, and check into Foursquare® points of interest, select Foursquare® (Searching Foursquare Points of Interest, page 6).
- To browse and search TripAdvisor® points of interest and reviews, select TripAdvisor® (TripAdvisor, page 6).
- To browse and search HISTORY® points of interest, photos, and information, select History® (Finding HISTORY Points of Interest, page 6).
- To find national parks and explore park maps, select National Parks (Finding National Parks, page 5).
- To navigate to specific geographic coordinates, select Coordinates (Finding a Location Using Coordinates, page 6).

Finding a Location Using the Search Bar

You can use the search bar to search for locations by entering a category, brand name, address, or city name.

1. Select Where To?.
2. Select Search in the search bar.
3. Enter all or part of the search term.
   Suggested search terms appear below the search bar.
4. Select an option:
   - To search for a type of business, enter a category name (for example, "movie theaters").
   - To search for a business name, enter all or part of the name.

5. Select an option:
   - To search using a suggested search term, select the term.
   - To search using the text you entered, select .
6. If necessary, select a location.

Finding an Address

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

1. Select Where To?.
2. If necessary, select next to search near a different city or area.
3. Select Address.
4. Follow the on-screen instructions to enter address information.
5. Select the address.

Location Search Results

By default, the location search results appear in a list, with the nearest location at the top. You can scroll down to view more results.

Changing the Search Area

By default, the device searches for locations near your current location. You can also search other areas, such as near your destination, near another city, or along your active route.

1. Select Where To?.
2. Select next to the current search area .
3 Select a search area.
4 If necessary, follow the on-screen instructions to select a specific location.

The selected search area appears next to a. When you search for a location using any of the options in the Where To? menu, the device suggests locations near this area first.

**Location Search Results on the Map**
You can view the results of a location search on the map instead of in a list.

From the location search results, select a. The nearest location appears at the center of the map, and basic information about the selected location appears at the bottom of the map.

### Points of Interest
A point of interest is a place that you may find useful or interesting. Points of interest are organized by category and can include popular travel destinations such as gas stations, restaurants, hotels, and entertainment venues.

**Finding a Location by Category**
1 Select Where To?.
2 Select a category, or select Categories.
3 If necessary, select a subcategory.
4 Select a location.

**Searching Within a Category**
After you have performed a search for a point of interest, certain categories may display a Quick Search list that shows the last four destinations you selected.

### Changing the Search Area Using the Map
1 Select View Map.
2 Touch anywhere on the map.
3 Drag the map to the new search area.
4 Select Search Here.

**Finding Campgrounds**
Select Where To? > All Campgrounds.

**Finding Campgrounds with Amenities**
You can search for RV parks and campgrounds based on the amenities available.
1 Select Where To?.
2 Select an RV parks and campgrounds search provider, such as PlanRV™ Parks, The Caravan and Motorhome Club, or ACSI™.

**Finding RV Services**
NOTE: This feature is not available in all areas.

You can find nearby locations that offer repair, towing, and other services for RVs.
1 Select Where To? > PlanRV™ Services.

**Finding National Parks**
Device models that include maps for North America or the United States also include detailed information for national parks in the United States. You can navigate to a national park or to a location within a national park.
1 Select Where To? > National Parks.

**Exploring National Park Features and Amenities**
On North American product models, you can explore detailed information about the features and amenities available inside a national park, and navigate to specific locations in the park. For example, you can find campgrounds, landmarks, visitor centers, and popular attractions.
1 From the location search results, select a national park, and select a category from the list below the park name, and select a location.
Finding HISTORY Points of Interest

NOTE: This feature is not available on all product models or for all map regions.
Your device includes HISTORY points of interest, which allow you to find and learn about historically significant locations and attractions, such as historic buildings, monuments, museums, and notable locations of historic events.

1. Select Where To? > History®.
2. Select a category.
3. Select a location.
4. Select to view a photo and a short summary of the location's history.

Foursquare

Foursquare is a location-based social network. Your device includes pre-loaded Foursquare points of interest, which are indicated by the Foursquare logo in your location search results.
You can connect to your Foursquare account using the Garmin Drive app on your compatible smartphone. This allows you to view Foursquare location details, check in to a location, and search for points of interest in the online Foursquare database.

Connecting to Your Foursquare Account

Before you can use this feature, your device must be connected to a supported phone running the Garmin Drive app (Live Services, Traffic, and Smartphone Features, page 12).
1. On your smartphone, open the Garmin Drive app.
2. Select > Foursquare® > Login.
3. Enter your Foursquare login information.

Searching Foursquare Points of Interest

You can search for Foursquare points of interest loaded on your device. While your device is connected to your Foursquare account using the Garmin Drive app, the search provides the most up-to-date results from the online Foursquare database and customized results from your Foursquare user account (Connecting to Your Foursquare Account, page 6).

1. Select Where To? > Foursquare®.

Viewing Foursquare Location Details

Before you can use this feature, your device must be connected to your Foursquare account using the Garmin Drive app (Connecting to Your Foursquare Account, page 6).
You can view detailed Foursquare location information, such as user ratings, restaurant pricing information, and hours of operation.
1. From the location search results, select a Foursquare point of interest.
2. Select .

Checking in with Foursquare

Before you can use this feature, your device must be connected to your Foursquare account using the Garmin Drive app (Connecting to Your Foursquare Account, page 6).
1. Select Where To? > Foursquare® > Check In.
2. Select a point of interest.
3. Select > Check In.

TripAdvisor

Your device includes TripAdvisor points of interest and ratings. TripAdvisor ratings appear automatically in the search results list for applicable points of interest. You can also search for nearby TripAdvisor points of interest and sort by distance or popularity.

Finding TripAdvisor Points of Interest

1. Select Where To? > TripAdvisor.
2. Select a category.

A list of nearby TripAdvisor points of interest for the category appears.
3. Select Sort Results to sort the search results by distance or popularity (optional).

Navigating to Points of Interest Within a Venue

NOTE: This feature may not be available in all areas or for all product models.
You can create a route to a point of interest (POI) within a larger venue, such as a store in a shopping mall or a specific terminal in an airport.
1. Select Where To? > Search.
2. Select an option:
   • To search for the venue, enter the name or address of the venue, select , and go to step 3.
   • To search for the POI, enter the name of the POI, select , and go to step 5.
3. Select the venue.
   A list of categories appears below the venue, such as restaurants, car rentals, or terminals.
4. Select a category.
5. Select the POI, and select Go!
The device creates a route to the parking area or venue entrance closest to the POI. When you arrive at the destination, a checkered flag indicates the recommended parking area. A labeled point indicates the location of the POI within the venue.

Exploring a Venue

NOTE: This feature may not be available in all areas or for all product models.
You can view a list of all points of interest located within each venue.
1. Select a venue.
2. Select > Explore this Venue.

Search Tools

Search tools allow you to search for specific types of locations by responding to on-screen prompts.

Finding an Intersection

You can search for an intersection or junction between two streets, highways, or other roads.
2. Follow the on-screen instructions to enter street information.
3. Select the intersection.

Finding a Location Using Coordinates

You can find a location using latitude and longitude coordinates.
2. If necessary, select , and change the coordinate format or datum.
3. Enter the latitude and longitude coordinates.
4. Select View on Map.

Parking

Your Garmin device includes detailed parking data, which can help you find nearby parking based on the likelihood of available parking spots, type of parking area, price, or accepted payment methods.
NOTE: Detailed parking data is not available in all areas or for all parking locations.

Finding Parking Near Your Current Location

Finding Emergency Services and Fuel

Getting Directions to Your Current Location

Viewing Current Location Information

Finding Emergency Services and Fuel

Finding Parking Near a Specified Location

Understanding Parking Colors and Symbols

Viewing Recently Found Locations

Clearing the List of Recently Found Locations

Editing a Saved Location

Assigning Categories to a Saved Location

Removing a Shortcut

Saving a Location

Select a starting location.

Adding a Shortcut

You can add shortcuts to the Where To? menu. A shortcut can point to a location, a category, or a search tool.

1 Select Where To? > Add Shortcut.
2 Select an item.

1 Select Where To? > Remove Shortcut(s).
2 Select a shortcut to remove.
3 Select the shortcut again to confirm.
4 Select Done.

Saving Locations

Saving a Location

Finding and Saving Locations
Following a Route

Routes
A route is a path from your current location to one or more destinations.

- The device calculates a recommended route to your destination based on the preferences you set, including the route calculation mode (Changing the Route Calculation Mode, page 9) and avoidances (Avoiding Delays, Tolls, and Areas, page 9).
- The device can automatically avoid roads that are not appropriate for the active vehicle profile.
- You can start navigating to your destination quickly using the device (Starting a Route, page 8).
- If there are specific roads you need to use or avoid, you can customize the route (Shaping Your Route, page 9).
- You can add multiple destinations to a route (Adding a Location to Your Route, page 9).

Starting a Route
1 Select Where To?, and search for a location (Finding and Saving Locations, page 4).
2 Select a location.
3 Select an option:
   - To start navigating using the recommended route, select Go!.
   - To choose an alternate route, select Y, and select a route. Alternate routes appear to the right of the map.
   - To edit the course of the route, select Y > Edit Route, and add shaping points to the route (Shaping Your Route, page 9).

The device calculates a route to the location and guides you using voice prompts and information on the map (Your Route on the Map, page 8). A preview of the major roads in your route appears at the edge of the map for several seconds.

If you need to stop at additional destinations, you can add the locations to your route (Adding a Location to Your Route, page 9).

Starting a Route by Using the Map
You can start route by selecting a location from the map.
1 Select View Map.
2 Drag and zoom the map to display the area to search.
3 If necessary, select Q to filter the displayed points of interest by category. Location markers (a or a blue dot) appear on the map.
4 Select an option:
   - Select a location marker.
   - Select a point, such as a street, intersection, or address location.
5 Select Go!.

Going Home
The first time you start a route home, the device prompts you to enter your home location.
1 Select Where To? > Go Home.
2 If necessary, enter your home location.

Editing Your Home Location
1 Select Where To? >  | > Set Home Location.
2 Enter your home location.

Your Route on the Map
As you travel, the device guides you to your destination using voice prompts and information on the map. Instructions for your next turn or exit, or other actions appear across the top of the map.

Active Lane Guidance
As you approach some turns, exits, or interchanges in your route, a detailed simulation of the road appears beside the map, if available. A colored line indicates the proper lane for the turn.

Viewing Turns and Directions
While navigating a route, you can view upcoming turns, lane changes, or other directions for your route.
1 From the map, select an option:
   - To view upcoming turns and directions as you navigate, select ; > Turns. The map tool displays the next four turns or directions beside the map. The list updates automatically as you navigate the route.
   - To view the complete list of turns and directions for the entire route, select the text bar at the top of the map.
2 Select a turn or direction (optional).
   Detailed information appears. An image of the junction may appear for junctions on major roadways, if available.

Viewing the Entire Route on the Map
1 While navigating a route, select anywhere on the map.
2 Select ↵.

Arriving at Your Destination
When you approach your destination, the device provides information to help you complete your route.
• 📍 indicates the location of your destination on the map, and a voice prompt announces you are approaching your destination.
• When you approach some destinations, the device automatically prompts you to search for parking. You can select Yes to find nearby parking areas (Parking Near Your Destination, page 9).
• When you stop at your destination, the device automatically ends the route. If the device does not detect your arrival automatically, you can select Stop to end your route.

Parking Near Your Destination
Your device can help you find a parking spot near your destination. When you approach some destinations, the device automatically prompts you to search for parking.
1 Select an option:
   • When the device prompts you, select Yes to search for nearby parking.
   • If the device does not prompt you, select Where To? > Categories > Parking, and select 📍 > My Destination.
2 Select Filter Parking, and select one or more categories to filter parking by availability, type, price, or payment methods (optional).
   NOTE: Detailed parking data is not available in all areas or for all parking locations.
3 Select a parking location, and select Go! > Add As Next Stop.
The device guides you to the parking area.

Changing Your Active Route
Adding a Location to Your Route
Before you can add a location to your route, you must be navigating a route (Starting a Route, page 8).
You can add locations to the middle or end of your route. For example, you can add a fuel station as the next destination in your route.
TIP: To create complex routes with multiple destinations or scheduled stops, you can use the trip planner to plan, schedule, and save a trip (Planning a Trip, page 16).
1 From the map, select ✦ > Where To?.
2 Search for a location (Finding and Saving Locations, page 4).
3 Select a location.
4 Select Go!.
5 Select an option:
   • To add the location as the next destination in your route, select Add As Next Stop.
   • To add the location to the end of your route, select Add As Last Stop.
   • To add the location and edit the order of destinations in your route, select Add to Active Route.
The device re-calculates the route to include the added location and guides you to the destinations in order.

Shaping Your Route
Before you can shape your route, you must start a route (Starting a Route, page 8).
You can manually shape your route to change its course. This allows you to direct the route to use a certain road or go through a certain area without adding a destination to the route.
1 Touch anywhere on the map.
2 Select ↵.
   The device enters route shaping mode.
3 Select a location on the map.
   TIP: You can select ✦ to zoom in on the map and select a more precise location.
   The device recalculates the route to travel through the selected location.
4 If necessary, select an option:
   • To add more shaping points to the route, select additional locations on the map.
   • To remove a shaping point, select ❌.
5 When you are finished shaping the route, select Go!.

Taking a Detour
You can take a detour for a specified distance along your route or detour around specific roads. This is useful if you encounter construction zones, closed roads, or poor road conditions.
1 From the map, select ✦ > Edit Route.
2 Select an option:
   • To detour your route for a specific distance, select Detour by Distance.
   • To detour around a specific road on the route, select Detour by Road.

Changing the Route Calculation Mode
1 Select Settings > Navigation > Calculation Mode.
2 Select an option:
   • Select Faster Time to calculate routes that are faster to drive but can be longer in distance.
   • Select Off Road to calculate point-to-point routes (without roads).
   • Select Shorter Distance to calculate routes that are shorter in distance but can take more time to drive.

Stopping the Route
From the map, select ✦ > Stop.

Using Suggested Routes
Before you can use this feature, you must save at least one location and enable the travel history feature (Device and Privacy Settings, page 19).
Using the myTrends™ feature, your device predicts your destination based on your travel history, the day of the week, and the time of day. After you have driven to a saved location several times, the location may appear in the navigation bar on the map, along with the estimated time of travel, and traffic information.
   Select the navigation bar to view a suggested route to the location.

Avoiding Delays, Tolls, and Areas
Avoiding Traffic Delays on Your Route
Before you can avoid traffic delays, you must be receiving traffic information (Receiving Traffic Data Using Your Smartphone, page 14).
By default, the device optimizes your route to avoid traffic delays automatically. If you have disabled this option in the traffic settings (Traffic Settings, page 18), you can view and avoid traffic delays manually.

1  While navigating a route, select \( \text{\textgreater{}} \) Traffic.
2  Select Alternate Route, if available.
3  Select Go!

**Avoiding Toll Roads**

Your device can avoid routing you through areas that require tolls, such as toll roads, toll bridges, or congestion areas. The device may still include a toll area in your route if no other reasonable routes are available.

1  Select Settings > Navigation.
2  Select an option:
   - To be asked each time before routing through a toll area, select Always Ask.
   - To always avoid tolls, select Avoid.
   - To always allow tolls, select Allow.
3  Select Save.

**Avoiding Toll Stickers**

If the map data on your device contains detailed toll sticker information, you can avoid or allow roads that require toll stickers for each country.

Note: This feature is not available in all areas.

1  Select Settings > Navigation > Tolls and Fees > Toll Stickers.
2  Select a country.
3  Select an option:
   - To be asked each time before routing through a toll road, select Always Ask.
   - To always avoid tolls, select Avoid.
   - To always allow tolls, select Allow.
4  Select Save.

**Avoiding Road Features**

1  Select Settings > Navigation > Avoidances.
2  Select the road features to avoid on your routes, and select OK.

**Avoiding Environmental Zones**

Your device can avoid areas with environmental or emissions restrictions that may apply to your vehicle. This option applies to the vehicle type in the active vehicle profile.

1  Select Settings > Navigation > Environmental Zones.
2  Select an option:
   - To be asked each time before routing through an environmental zone, select Always Ask.
   - To always avoid environmental zones, select Avoid.
   - To always allow environmental zones, select Allow.
3  Select Save.

**Custom Avoidances**

Custom avoidances allow you to select specific areas or sections of road to avoid. When the device calculates a route, it avoids these areas and roads unless no other reasonable route is available.

**Avoiding a Road**

1  Select Settings > Navigation > Custom Avoidances.
2  If necessary, select Add Avoidance.
3  Select Add Avoid Road.
4  Select the starting point of the section of road to avoid, and select Next.
5  Select the ending point of the road section, and select Next.
6  Select Done.

**Avoiding an Area**

1  Select Settings > Navigation > Custom Avoidances.
2  If necessary, select Add Avoidance.
3  Select Add Avoid Area.
4  Select the upper-left corner of the area to avoid, and select Next.
5  Select the lower-right corner of the area to avoid, and select Next.
   The selected area is shaded on the map.
6  Select Done.

**Disabling a Custom Avoidance**

You can disable a custom avoidance without deleting it.

1  Select Settings > Navigation > Custom Avoidances.
2  Select an avoidance.
3  Select \( \text{\textgreater{}} \) Disable.

**Deleting Custom Avoidances**

1  Select Settings > Navigation > Custom Avoidances.
2  Select an option:
   - To delete all custom avoidances, select \( \text{\textgreater{}} \).
   - To delete one custom avoidance, select the avoidance, and select \( \text{\textgreater{}} \) Delete.

**Navigating Off Road**

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

1  Select Settings > Navigation.
2  Select Calculation Mode > Off Road > Save.
   The next route will be calculated as a straight line to the location.

**Using the Map**

You can use the map to navigate a route (Your Route on the Map, page 8) or to view a map of your surroundings when no route is active.

1  Select View Map.
2  Touch anywhere on the map.
3  Select an option:
   - To zoom in or out, select \( \text{\textgreater{}} \) or \( \text{\textless{}} \).
   - To switch between North Up and 3-D views, select \( \text{\textgreater{}} \).
   - To filter the displayed points of interest by category, select \( \text{\textgreater{}} \).
   - To start a route, select a location on the map, and select Go! (Starting a Route by Using the Map, page 8).
The traveling. You can view upcoming points of interest by category, locations along your route or the road on which you are such as restaurants, fuel stations, or rest areas.

Viewing Upcoming Locations
You can customize three categories to show in the Viewing Upcoming Locations

Viewing a Map Tool
From the map, select Tool. If the map tool shows upcoming locations, select a location to view location details or start a route to the location.

Viewing Trip Data from the Map
You can use the trip data map tool to show customized trip information on the map.

Viewing Trip Data from the Map
Before you can view trip data on the map, you must add the tool to the map tools menu.

Viewing Upcoming Cities and Exit Services
While you are traveling on a highway or navigating a route that includes a highway, the Cities Ahead tool provides information about upcoming cities along the highway. For each city, the map tool shows the distance to the highway exit and the services available, similar to the information on highway road signs.

Cities Ahead
While you are traveling on a highway or navigating a route that includes a highway, the Cities Ahead tool provides information about upcoming cities along the highway. For each city, the map tool shows the distance to the highway exit and the services available, similar to the information on highway road signs.

Viewing Upcoming Cities and Exit Services
1 From the map, select > Cities Ahead.

2 Select a category.

3 Select Edit Route.

4 Select an option:
   • To move a category up or down in the list, select and drag the arrow next to the category name.
   • To change a category, select the category.
   • To create a custom category, select a category, select Custom Search, and enter the name of a business or category.

5 Select Save.

Cities Ahead
While you are traveling on a highway or navigating a route that includes a highway, the Cities Ahead tool provides information about upcoming cities along the highway. For each city, the map tool shows the distance to the highway exit and the services available, similar to the information on highway road signs.

Viewing Upcoming Cities and Exit Services
1 From the map, select > Cities Ahead.

2 Select a city.

3 Select a location, and select Go! to start navigating.

Trip Information
Viewing Trip Data from the Map
Before you can view trip data on the map, you must add the tool to the map tools menu.

Viewing Customized Trip Information on the Map
You can use the trip data map tool to show customized trip information on the map.

1 From the map, select > Trip Data.

2 Select an option:
   • Select a data field in the trip data tool, and select the information to show in the field.
   • Select the customizable map data field, and select the information to show in the field.

Viewing the Trip Information Page
The trip information page displays your speed and provides statistics about your trip.

From the map, select Speed.
Changing the Map Perspective

Customizing the Map Layers

Viewing Traffic on the Map

2. Select Trip Log check box.

Resetting Trip Information

1. From the map, select Settings > Map & Vehicle > Map Layers.
2. Select Traffic Incidents to view additional details.
3. If necessary, select Traffic to reset the maximum speed.
4. Select Trip B to reset the odometer.

Viewing Upcoming Traffic

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

1. From the main menu, select Apps > Traffic.
2. Select an item in the list.
3. Select an option:
   - When not navigating a route, select Select All to reset every data field except the speedometer, on the first page.
   - Select Reset Trip Data to reset the information on the trip computer.
   - Select Reset Max. Speed to reset the maximum speed.

Searching for Traffic Incidents

1. From the main menu, select Apps > Traffic.
2. Select Incidents.
3. Select an item in the list.
4. If there is more than one incident, use the arrows to view additional incidents.

Customizing the Map

Customizing the Map Layers

You can customize which data appear on the map, such as icons for points of interest and road conditions.

2. Select the check box next to each layer you want to show on the map.

Changing the Map Data Field

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

Changing the Map Perspective

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

Live Services, Traffic, and Smartphone Features

The Garmin Drive app allows your device to receive smart notifications and live information, such as live traffic data and weather information.

Live traffic data: Sends real-time traffic data to your device, such as traffic incidents and delays, construction zones, and road closings (Traffic, page 14).

Weather information: Sends real-time weather forecasts, road conditions, and weather radar to your device (Viewing the Weather Forecast, page 16).

Smart Notifications: Displays phone notifications and messages on your device. This feature is not available for all languages.

Hands-Free calling: Allows you to place and receive phone calls using your device, and allows you to use the device as a hands-free speaker phone. If the selected language supports the voice command feature, you can place calls using voice commands.

Send locations to device: Allows you to send locations from your smartphone to your navigation device.

Foursquare check in: Allows you to check in to Foursquare locations using your navigation device (Checking in with Foursquare, page 6).

Pairing with Your Smartphone

You can pair your Garmin device with your smartphone and the Garmin Drive app to enable additional features and access live information (Live Services, Traffic, and Smartphone Features, page 12).

1. From the app store on your smartphone, install the Garmin Drive app.
2. Turn on your Garmin device, and place the device and your smartphone within 3 m (10 ft.) of each other.
3. On your phone, open the Garmin Drive app.
4. Follow the on-screen instructions to sign in to a Garmin account and complete the pairing and setup process.

The main app dashboard appears. After the devices are paired, they connect automatically when they are turned on and within range.

Disabling Bluetooth Features (Android™)

By default, all compatible Bluetooth features are enabled when you pair your phone. You can disable specific Bluetooth features and remain connected to the other features.

1. Select Settings > Wireless Networks.
2. Select the phone name.
3. Select an option:
   - To disable hands-free calling, clear the Phone calls check box.
   - To disable Garmin Drive data and smartphone notifications, clear the Garmin Drive check box.

Showing or Hiding App Notifications (Android)

You can use the Garmin Drive app to customize which types of smartphone notifications appear on your Garmin device.

1. On your phone, open the Garmin Drive app.
2. Select Smart Notifications.
3. A list of your smartphone apps appears.
4. Select the toggle switch next to an app to enable or disable notifications for the app.
Disabling Bluetooth Features (iPhone®)
By default, all compatible Bluetooth features are enabled when you pair your phone. You can disable specific Bluetooth features and remain connected to the other features.
1. Select Settings > Wireless Networks.
2. Select an option:
   - To disable hands-free calling, select the phone name, and clear the Phone calls check box.
     TIP: ☑️ appears colored next to the phone name used for hands-free calling.
   - To disable Garmin Drive app data and smartphone notifications, select Smartphone services, and clear the Smartphone services check box.
     TIP: ☑️ and ☑️ appear colored when the services are active.

Showing or Hiding Notification Categories (iPhone)
You can filter the notifications shown on your device by showing or hiding categories.
1. Select Settings > Wireless Networks.
2. Select Smartphone services.
   TIP: ☑️ and ☑️ appear colored when the services are active.
3. Select Smart Notifications.
4. Select the check box next to each notification to show.

Bluetooth Feature Status Icons
Status icons appear in the Bluetooth settings next to each paired device.
Select Settings > Wireless Networks.
- A gray icon indicates the feature is disabled or disconnected for that device.
- A colored icon indicates the feature is connected and active for that device.

Hands-free calling
Smart notifications
Garmin Drive features and services

Smart Notifications
While your device is connected to the Garmin Drive app, you can view notifications from your smartphone on your Garmin device, such as text messages, incoming calls, and calendar appointments.
NOTE: You may need to wait a few minutes to receive notifications on your navigation device after it connects to the Garmin Drive app. ☑️ appears colored in the Bluetooth settings when smart notifications are connected and active (Bluetooth Feature Status Icons, page 13).

Receiving Notifications

WARNING
Do not read or reply to notifications while driving.

Before you can use this feature, your device must be connected to a supported phone running the Garmin Drive app (Live Services, Traffic, and Smartphone Features, page 12).

WARNING
Do not read or reply to notifications while driving.

Receiving Notifications

WARNING
Do not read or reply to notifications while driving.

Before you can use this feature, your device must be connected to a supported phone running the Garmin Drive app (Live Services, Traffic, and Smartphone Features, page 12).

From most pages, a popup appears when the device receives a notification from your smartphone. If the device is moving, you must verify you are a passenger and not the driver before you can view notifications.

NOTE: If you are viewing the map, notifications appear in a map tool.

- To ignore a notification, select OK.
  The popup closes, but the notification remains active on your phone.
- To view a notification, select View.
- To listen to the notification, select View > Play.
  The device reads the notification using text-to-speech technology. This feature is not available for all languages.
- To perform additional actions, such as dismissing the notification from your phone, select View, and select an option.

NOTE: Additional actions are available for only some notification types and must be supported by the app generating the notification.

Receiving Notifications while Viewing the Map

WARNING
Do not read or reply to notifications while driving.

Before you can use this feature, your device must be connected to a supported phone running the Garmin Drive app (Live Services, Traffic, and Smartphone Features, page 12).

When you are viewing the map, new notifications appear in a map tool at the edge of the screen. If the device is moving, you must verify you are a passenger and not the driver before you can view notifications.

- To ignore a notification, select X, or wait for popup to expire.
  The popup closes, but the notification remains active on your phone.
- To view a notification, select the notification text.
- To listen to the notification, select Play Message.
  The device reads the notification using text-to-speech technology. This feature is not available for all languages.
- To listen to the notification using a voice command, say Play Message.
  NOTE: This option is available only when the selected language supports the voice command feature and ☑️ appears in the map tool.
- To perform additional actions, such as dismissing the notification from your phone, select View, and select an option.
  NOTE: Additional actions are available for only some notification types and must be supported by the app generating the notification.

Viewing the List of Notifications
You can view a list of all active notifications.
1. Select Apps > Smart Notifications.
   The list of notifications appears. Unread notifications appear black, and previously read notifications appear gray.
2. Select an option:
   - To view a notification, select the notification description.
   - To listen to a notification, select ☑️.
  The device reads the notification using text-to-speech technology. This feature is not available for all languages.

Going to an Address or Location Using the Garmin Drive App
You can use the Garmin Drive app to search for an address, business, or point of interest, and send it to your Garmin device for navigation.
1. From the Garmin Drive app, select Where To?.
2. Select an option:
   - To search for an address near you, enter the house number and street name.
   - To search for an address in another city, enter the house number, street name, city, and state.
• To search for a business name, enter all or part of the name.
• To search for a city, enter the city and state.
As you type, suggestions appear below the search field.
3 Select a suggested search result.
The app displays the location on a map.
4 Select Go! to start a route.
The Garmin device starts navigating to the selected location, and the location is added to your recent searches in the Where To? menu.

Hands-Free Calling
NOTE: While most phones are supported and can be used, it cannot be guaranteed that a particular phone can be used. All features may not be available for your phone.
Using Bluetooth wireless technology, your device can connect to your mobile phone to become a hands-free device (Live Services, Traffic, and Smartphone Features, page 12). While connected, you can place or receive calls using your device.

Placing a Call
Dialing a Number
1 Select Apps > Phone > Dial.
2 Enter the number.
3 Select Dial.

Calling a Contact in Your Phone Book
Your phone book is loaded from your phone to the device each time your phone and the device connect. It may take a few minutes for the phone book to be available. Some phones do not support this feature.
1 Select Apps > Phone > Phone Book.
2 Select a contact.
3 Select Call.

Calling a Location
1 Select Apps > Phone > Browse Categories.
2 Select a point of interest.
3 Select Call.

Receiving a Call
When you receive a call, select Answer or Ignore.

Using the Call History
Your call history is loaded from your phone to the device each time your phone and the device connect. It may take a few minutes for the call history to be available. Some phones do not support this feature.
1 Select Apps > Phone > Call History.
2 Select a category.
A list of calls appears, with the most recent calls at the top.
3 Select a call.

Using In-Call Options
In-call options appear on the map when you answer a call. Some options may not be compatible with your phone.
TIP: If you close the in-call options page, you can open it again by selecting from the main menu. You can also select > Phone from the map.
• To set up a conference call, select Add Call.
• To transfer audio to your phone, select Handset.
  TIP: You can use this feature if you want to disconnect the Bluetooth connection and remain on the call, or if you need privacy.
• To use the dial pad, select Keypad.
  TIP: You can use this feature to use automated systems, such as voice mail.
• To mute the microphone, select Mute.
• To hang up, select End Call.

Saving a Home Phone Number
TIP: After you save a home number, you can edit the home number by editing “Home” in your list of saved locations (Editing a Saved Location, page 7).
1 Select Apps > Phone > > Set Home Number.
2 Enter your phone number.
3 Select Done.

Calling Home
Before you can call home, you must enter a phone number for your home location.
• Select Apps > Phone > Call Home.

Disconnecting a Bluetooth Device
You can temporarily disconnect a Bluetooth device without deleting it from the paired devices list. The Bluetooth device can connect to your Garmin device automatically in the future.
1 Select Settings > Wireless Networks.
2 Select the device to disconnect.
3 Clear the check box next to the name of your paired device.

Deleting a Paired Phone
You can delete a paired phone to prevent it from automatically connecting to your device in the future.
1 Select Settings > Wireless Networks.
2 Select the phone, and select Unpair device.

Traffic
NOTICE
Garmin is not responsible for the accuracy or timeliness of the traffic information.

Your device can provide information about traffic on the road ahead or on your route. You can set your device to avoid traffic when calculating routes, and to find a new route to your destination if a large traffic delay occurs on your active route (Traffic Settings, page 18). The traffic map allows you to browse the map for traffic delays in your area.
To provide traffic information, your device must be receiving traffic data.
• Product models ending with MT can receive traffic data from an over-the-air broadcast signal using the built-in traffic receiver and the included vehicle power cable (Receiving Traffic Data Using a Traffic Receiver, page 15).
• All product models can receive subscription-free traffic data using the Garmin Drive app (Receiving Traffic Data Using Your Smartphone, page 14).
Traffic data is not available in all areas. For information about traffic coverage areas, go to garmin.com/traffic.

Receiving Traffic Data Using Your Smartphone
Your device can receive subscription-free traffic data while connected to a smartphone running the Garmin Drive app.
1 Connect your device to the Garmin Drive app (Live Services, Traffic, and Smartphone Features, page 12).
2 On your Garmin device, select Settings > Traffic, and verify the Traffic check box is selected.
Receiving Traffic Data Using a Traffic Receiver

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

A traffic receiver receives traffic data from an over-the-air broadcast signal, where available. To receive over-the-air traffic data, the device must be connected to vehicle power using a traffic-compatible power cable. A traffic receiver is included with some product models (Traffic, page 14).

Traffic data is not available in all areas. For information about traffic coverage areas, go to garmin.com/traffic.

Connect the device to vehicle power using the traffic compatible power cable (Mounting and Powering the Garmin Device in Your Vehicle, page 1).

If your product model includes traffic data, the vehicle power cable included with your device is traffic compatible.

When you are within a traffic coverage area, your device can display traffic information and help you avoid traffic delays.

Traffic Receiver Subscriptions
A regional traffic data subscription is included with most traffic receivers. You can add subscriptions for additional regions to your traffic receiver. For more information, go to garmin.com/traffic.

Viewing Traffic Subscriptions
Select Settings > Traffic > Subscriptions.

Adding a Subscription
You can purchase traffic subscriptions for other regions or countries.
1 Select Settings > Traffic.
2 Select Subscriptions > Subscriptions.
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.

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.
5 Select Next on the device.
6 Enter the code.
7 Select Done.

Enabling Traffic
You can enable or disable traffic data.
1 Select Settings > Traffic.
2 Select the Traffic check box.

Adding a Subscription
You can purchase traffic subscriptions for other regions or countries.
1 Select Settings > Traffic.
2 Select Subscriptions > Subscriptions.
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.

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.
5 Select Next on the device.

Voice Command
NOTE: Voice command is not available for all languages and regions, and may not be available on all models.
NOTE: Voice Activated Navigation may not achieve desired performance when in a noisy environment.

Voice command allows you to use your device by saying words and commands. The voice command menu provides voice prompts and a list of available commands.

Setting the Wakeup Phrase
The wakeup phrase is a word or phrase you can say to activate voice command. The default wakeup phrase is OK Garmin.
TIP: You can reduce the chance of accidental voice command activation by using a strong wakeup phrase.
1 Select Apps > Voice Command > Wake Up Phrase.
2 Enter a new wakeup phrase.
   The device indicates the strength of the wakeup phrase as you enter the phrase.
3 Select Done.

Activating Voice Command
1 Say OK Garmin.

The voice command menu appears.

Voice Command Tips
• Speak in a normal voice directed at the device.
• Reduce background noise, such as voices, or the radio, to increase the accuracy of the voice recognition.
• Speak commands as they appear on the screen.
• Respond to voice prompts from the device as needed.
• Increase the length of your wakeup phrase to reduce the chance of accidental voice command activation.
• Listen for two tones to confirm when the device enters and exits voice command.

Starting a Route Using Voice Command
You can say the names of popular, well-known locations.
1 Say OK Garmin.
2 Say Find Place.
3 Listen for the voice prompt, and speak the name of a location.
Voice Control

Voice Control feature, you must configure it for your voice. To use your voice to control the device. Before you can use the Voice Control feature is activated. Voice Control allows you for regions where the Voice Command feature is unavailable, mute instructions for voice command without muting the device.

1. Select Apps > Voice Control > .
2. Select Mute Instructions > Enabled.

Voice Control

For regions where the Voice Command feature is unavailable, the Voice Control feature is activated. Voice Control allows you to use your voice to control the device. Before you can use the Voice Control feature, you must configure it for your voice.

Configuring Voice Control

The Voice Control feature must be configured for a single user's voice and does not work for other users.

1. Select Apps > Voice Control.
2. Follow the on-screen instructions to record commands for each voice control phrase.

NOTE: You do not have to read the exact phrase on the screen. You may say an alternative command with the same meaning based on your preference.

To use a voice control feature, you must say the command you recorded for the feature.

Using Voice Control

1. Say the command you recorded for the Voice Control phrase.
   The voice control menu appears.
2. Follow the on-screen instructions.

Voice Control Tips

- Speak in a normal voice directed at the device.
- Reduce background noise, such as voices, or the radio, to increase the accuracy of the voice recognition.
- Speak commands as they appear on the screen.
- Listen for a tone to confirm when the device successfully receives a command.

Using the Apps

Viewing the Owner's Manual on Your Device

You can view the complete owner's manual on the device screen in many languages.


Viewing the Weather Forecast

Before you can use this feature, your device must be receiving weather data. You can connect your device to the Garmin Drive app to receive weather data (Live Services, Traffic, and Smartphone Features, page 12).

1. Select Apps > Weather.
   The device shows the current weather conditions and a forecast for the next several days.
2. Select a day.
   The detailed forecast for that day appears.

Viewing Weather Near a Different City

1. Select Apps > Weather > Current Location.
2. Select an option:
   - To view weather for a favorite city, select a city in the list.
   - To add a favorite city, select Add City, and enter a city name.

Viewing the Weather Radar

Before you can use this feature, your device must be connected to a supported phone running the Garmin Drive app (Live Services, Traffic, and Smartphone Features, page 12).

2. Select ▶ to animate the radar map.

Viewing Weather Alerts

Before you can use this feature, your device must be connected to a supported phone running the Garmin Drive app (Live Services, Traffic, and Smartphone Features, page 12).

NOTE: This feature is not available in all areas. While you are traveling with your device, weather alerts may appear on the map. You can also view a map of weather alerts near your current location or near a selected city.

1. Select Apps > Weather.
2. If necessary, select a city.

Checking Road Conditions

Before you can use this feature, your device must be connected to a supported phone running the Garmin Drive app (Live Services, Traffic, and Smartphone Features, page 12).

You can view weather-related road conditions for the roads in your area, on your route, or in another city.

1. Select Apps > Weather.
2. If necessary, select a city.
3. Select ☐ > Road Conditions.

Trip Planner

You can use the trip planner to create and save a trip, which you can navigate later. This can be useful for planning a delivery route, a vacation, or a road trip. You can edit a saved trip to further customize it, including reordering locations, optimizing the order of stops, adding suggested attractions, and adding shaping points.

You can also use the trip planner to edit and save your active route.

Planning a Trip

A trip can include many destinations, and it must include at least a starting location and one destination. The starting location is the location from which you plan to start your trip. If you start navigating the trip from a different location, the device gives you
Changing Routing Options for a Trip

You can customize how the device calculates the route when you start your trip.

1. Select Apps > Trip Planner > New Trip.
2. Select Select Start Location.
3. Choose a location for your starting point, and select Select.
4. Select Select Destination.
5. Choose a location for a destination, and select Select.
6. Select Add Location to add more locations (optional).
7. After you have added all the necessary locations, select Next > Save.
8. Enter a name, and select Done.

Editing and Reordering Locations in a Trip

1. Select Apps > Trip Planner > Saved Trips.
2. Select a saved trip.
3. Select a location.
4. Select an option:
   - To move the location up or down, select ‡, and drag the location to a new position in the trip.
   - To add a new location after the selected location, select ‡.
   - To remove the location, select ‡.

Optimizing the Order of Destinations in a Trip

The device can automatically optimize the order of destinations in your trip to create a shorter, more efficient route. The starting location and final destination are not changed when you optimize the order.

While editing a trip, select ‡ > Optimize Order.

Discovering Attractions Along Your Trip

The device can suggest interesting or popular attractions to add to your trip.

1. While editing a trip, select ‡ > Suggest Attractions.
2. Select an attraction to view more information.
3. Select Select to add the attraction to your trip.

Changing Routing Options for a Trip

You can customize how the device calculates the route when you start your trip.

1. Select Apps > Trip Planner > Saved Trips.
2. Select a saved trip.
3. Select the vehicle profile icon, and select the vehicle you plan to use while navigating the trip (optional).
4. Select ‡.
5. Select an option:
   - To add shaping points to your trip, select Shape Route, and follow the on-screen instructions (Shaping Your Route, page 9).
   - To change the calculation mode for the trip, select Route Preference (Changing the Route Calculation Mode, page 9).

Navigating to a Saved Trip

Before you can start navigating a saved trip, the active vehicle profile on the device must match the selected vehicle profile for the trip (Changing Routing Options for a Trip, page 17). If it does not match, the device prompts you to change the vehicle profile before you can start the trip (Switching the Vehicle Profile, page 2).

1. Select Apps > Trip Planner > Saved Trips.
2. Select a saved trip.
3. Select Go!
4. Select the first location to navigate to, and select OK.

The device calculates a route from your current location to the selected location, and then it guides you to the remaining trip destinations in order.

Editing and Saving Your Active Route

If a route is active, you can use the trip planner to edit and save your route as a trip.

1. Select Apps > Trip Planner > Saved Trips > My Active Route.
2. Edit your route using any of the trip planner features. The route recalculates each time you make a change.
3. Select Save to save your route as a trip, which you can navigate again later (optional).

photoLive Traffic Cameras

Before you can use this feature, your device must be connected to the Garmin Drive app (Live Services, Traffic, and Smartphone Features, page 12). photoLive traffic cameras provide live images of traffic conditions on major roadways and intersections.

The photoLive service is not available in all areas.

Viewing and Saving photoLive Traffic Cameras

You can view live images from nearby traffic cameras. You can also save traffic cameras for areas you travel frequently.

1. Select Apps > photoLive.
2. Select Touch to Add
3. Select a road.
4. Select a traffic camera location.
   - A preview of the live image from the camera appears next to a map of the camera's location. You can select the image preview to view the full-sized image.
5. Select Save to save the camera (optional).

A thumbnail image preview of the camera is added to the main screen of the photoLive app.

Viewing photoLive Traffic Cameras on the Map

The photoLive map tool shows traffic cameras from the road ahead of you.

1. From the map, select ‡ > photoLive.
   - The device shows the live image from the nearest traffic camera on the road ahead, along with the distance to the camera. When you pass the camera, the device loads the live image of the next camera on the road.
2. If no cameras are found for the road, select Find Cameras to view or save nearby traffic cameras (optional).

Saving a Traffic Camera

1. Select Apps > photoLive.
2. Select Touch to Add.
3. Select a road.
4. Select an intersection.
5. Select Save.

Viewing Previous Routes and Destinations

Before you can use this feature, you must enable the travel history feature (Device and Privacy Settings, page 19).

You can view your previous routes and places you have stopped on the map.

   Select Apps > Where I've Been.
Settings

Map and Vehicle Settings
Select Settings > Map & Vehicle.
Vehicle: Sets the vehicle icon that represents your position on the map.
Driving Map View: Sets the perspective on the map.
Map Detail: Sets the level of detail on the map. More detail may cause the map to draw slower.
Map Theme: Changes the color of the map data.
Map Layers: Sets the data that appears on the map page (Customizing the Map Layers, page 12).
Auto Zoom: Automatically selects the zoom level for optimal use of your map. When disabled, you must zoom in or out manually.
myMaps: Sets which installed maps the device uses.
Enabling Maps
You can enable map products installed on your device.
TIP: To purchase additional map products, go to http://buy.garmin.com.
1 Select Settings > Map & Vehicle > myMaps.
2 Select a map.

Navigation Settings
Select Settings > Navigation.
Route Preview: Shows a preview of the major roads in your route when you start navigation.
Calculation Mode: Sets the route calculation method.
Avoidances: Sets road features to avoid on a route.
Custom Avoidances: Allows you to avoid specific roads or areas.
Toll Roads: Sets preferences for avoiding toll roads.
Tolls and Fees: Sets preferences for avoiding toll roads and toll stickers.
NOTE: This feature is not available in all areas.
Environmental Zones: Sets the avoidance preferences for areas with environmental or emissions restrictions that may apply to your vehicle.
Restricted Mode: Disables all functions that require significant operator attention.
GPS Simulator: Stops the device from receiving a GPS signal, and saves battery power.
Calculation Mode Settings
Select Settings > Navigation > 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.
Setting a Simulated Location
If you are indoors or not receiving satellite signals, you can use the GPS simulator to plan routes from a simulated location.
1 Select Settings > Navigation > GPS Simulator.
2 From the main menu, select View Map.
3 Tap the map twice to select an area.
The address of the location appears at the bottom of the screen.
4 Select the location description.
5 Select Set Location.

Wireless Network Settings
The wireless network settings allow you to manage Wi-Fi® networks, paired Bluetooth devices, and Bluetooth features.
Select Settings > Wireless Networks.
Bluetooth: Enables Bluetooth wireless technology.
Paired Device Name: The names of paired Bluetooth devices appear in the menu. You can select a device name to change Bluetooth feature settings for that device.
Search for Devices: Searches for nearby Bluetooth devices.
Friendly Name: Allows you to enter a friendly name that identifies your device on other devices with Bluetooth wireless technology.
Wi-Fi: Enables the Wi-Fi radio.
Saved Networks: Allows you to edit or remove saved networks.
Search for Networks: Searches for nearby Wi-Fi networks (Connecting to a Wi-Fi Network, page 19).

Driver Assistance Settings
Select Settings > Driver Assistance.
Driver Alerts: Allows you to enable or disable alerts for upcoming zones or road conditions (Driver Awareness Features and Alerts, page 3).
Speeding Alert: Alerts you when you are exceeding the speed limit.
Break Planning: Reminds you to take a break and shows upcoming service after you drive for an extended time. You can enable or disable break reminders and upcoming service suggestions.
Proximity Alerts: Alerts you when you approach speed cameras or red light cameras.

Proximity Alerts Settings
NOTE: You must have custom points of interest (POIs) loaded for proximity points alerts to display.
NOTE: This feature is not available in all areas.
Select Settings > Driver Assistance > Proximity Alerts.
Audio: Sets the style of alert that plays when you approach proximity points.
Alerts: Sets the type of proximity points for which alerts are played.

Display Settings
Select Settings > Display.
Color Mode: Allows you to select day or night color mode. If you select the Auto option, the device automatically switches to day or night colors based on the time of day.
Brightness: Allows you to adjust the display brightness.
Display Timeout: Allows you to set the amount of idle time before your device enters sleep mode while using battery power.
Screenshot: Allows you to take a picture of the device screen. Screenshots are saved in the Screenshot folder of the device storage.

Traffic Settings
From the main menu, select Settings > Traffic.
Traffic: Enables traffic.
Current Provider: Sets the traffic provider to use for traffic data.
The Auto option selects the best available traffic data automatically.
Subscriptions: Lists the current traffic subscriptions.

Optimize Route: Enables the device to use optimized alternate routes automatically or upon request (Avoiding Traffic Delays on Your Route, page 9).

Traffic Alerts: Sets the traffic delay severity for which the device displays a traffic alert.

Units and Time Settings
To open the Units and Time settings page, from the main menu, select Settings > Units & Time.

Current Time: Sets the device time.

Time Format: Allows you to select a 12-hour, 24-hour, or UTC display time.

Units: Sets the unit of measure used for distances.

Position Format: Sets the coordinate format and datum used for geographical coordinates.

Setting the Time
1. From the main menu, select the time.
2. Select an option:
   • To set the time automatically using GPS information, select Automatic.
   • To set the time manually, drag the numbers up or down.

Language and Keyboard Settings
To open the Language and Keyboard settings, from the main menu, select Settings > Language & Keyboard.

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: Enables keyboard languages.

Device and Privacy Settings
Select Settings > Device.

About: Displays the software version number, the unit ID number, and information on several other software features.

Regulatory: Displays regulatory markings and information.

EULAs: Displays the end-user license agreements.

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

Device Data Reporting: Shares anonymous data to improve the device.

Travel History: Allows the device to store a record of the places you go. This allows you to view the trip log, use the Where I’ve been feature, and use myTrends suggested routes.

Reset: Allows you to clear your travel history, reset settings, or delete all user data.

Restoring Settings
You can restore a category of settings or all settings to the factory default values.

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

Device Information

Viewing E-label Regulatory and Compliance Information
1. From the settings menu, swipe to the bottom of the menu.
2. Select Device > Regulatory.

Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating temperature range</td>
<td>From -20° to 55°C (from -4° to 131°F)</td>
</tr>
<tr>
<td>Charging temperature range</td>
<td>From 0° to 45°C (from 32° to 113°F)</td>
</tr>
<tr>
<td>Radio frequency/protocol</td>
<td>2.4 GHz @ 13 dBm</td>
</tr>
<tr>
<td>Power input</td>
<td>Vehicle power using the included vehicle power cable. AC power using an optional accessory (for home and office use only).</td>
</tr>
<tr>
<td>Battery type</td>
<td>Rechargeable lithium-ion</td>
</tr>
</tbody>
</table>

Charging the Device

NOTE: This Class III product shall be powered by an LPS power supply.

You can charge the battery in the device using any of these methods.

• Connect the device to vehicle power.

• Connect the device to an optional power adapter accessory, such as a wall power adapter.

You can purchase an approved Garmin AC-DC adapter suitable for home or office use from a Garmin dealer or www.garmin.com. The device may charge slowly when connected to a third-party adapter.

Device Maintenance

Map and Software Updates
For the best navigation experience, you should keep the maps and software on your device up to date.

Map updates provide the newest available changes to roads and locations in the maps used by your device. Keeping maps up to date helps your device find recently added locations and calculate more accurate routes. Map updates are large and may take several hours to complete.

Software updates provide changes and improvements to the device features and operation. Software updates are small and take a few minutes to complete.

You can update your device using two methods.

• You can connect the device to a Wi-Fi network to update directly on the device (recommended). This option allows you to update your device conveniently without connecting it to a computer.

• You can connect the device to a computer and update it using the Garmin Express application (garmin.com/express). This option allows you to install map data onto a memory card if the updated maps are too large to fit on the internal storage.

Connecting to a Wi-Fi Network
The first time you turn on the device, it prompts you to connect to a Wi-Fi network and register your device. You can also connect to a Wi-Fi network using the settings menu.

1. Select Settings > Wireless Networks.
2. If necessary, select Wi-Fi to enable Wi-Fi technology.
3. Select Search for Networks.

   The device displays a list of nearby Wi-Fi networks.
4 Select a network.
5 If necessary, enter the password for the network, and select Done.
The device connects to the network, and the network is added to the list of saved networks. The device reconnects to this network automatically when it is within range.

**Updating Maps and Software Using a Wi-Fi Network**

**NOTICE**
Map and software updates may require the device to download large files. Regular data limits or charges from your Internet service provider apply. Contact your Internet service provider for more information about data limits or charges.

You can update the maps and software by connecting your device to a Wi-Fi network that provides access to the Internet. This allows you to keep your device up to date without connecting it to a computer.

1 Connect the device to a Wi-Fi network (Connecting to a Wi-Fi Network, page 19).

   While connected to a Wi-Fi network, the device checks for available updates. When an update is available, ☑ appears on the Settings icon in the main menu.

2 Select Settings > Updates.

   The device checks for available updates. When an update is available, Update Available appears below Map or Software.

3 Select an option:
   • To install all available updates, select Install All.
   • To install only map updates, select Map > Install All.
   • To install only software updates, select Software > Install All.

4 Read the license agreements, and select Accept All to accept the agreements.

**NOTE:** If you do not agree with the license terms, you can select Reject. This stops the update process. You cannot install updates until you accept the license agreements.

5 Using the included USB cable, connect the device to external power, and select Continue (Charging the Device, page 19).

   For the best results, a USB wall charger that provides at least 1 A power output is recommended. Many USB power adapters for smartphones, tablets, or portable media devices may be compatible.

6 Keep the device connected to external power and within range of the Wi-Fi network until the update process is complete.

**TIP:** If a map update is interrupted or canceled before it completes, your device may be missing map data. To repair missing map data, you must update the maps again using either Wi-Fi or Garmin Express.

**Updating Maps and Software with Garmin Express**

You can use the Garmin Express application to download and install the latest map and software updates for your device.

1 If you do not have the Garmin Express application installed on your computer, go to garmin.com/express and follow the on-screen instructions to install it (Installing Garmin Express, page 20).

2 Open the Garmin Express application.

3 Connect your device to your computer using a mini-USB cable.

   The small end of the cable connects to the mini-USB port on your Garmin device, and the large end connects to an available USB port on your computer.

4 When your Garmin device prompts you to enter file transfer mode, select Continue.

5 In the Garmin Express application, click Add a Device.

   The Garmin Express application searches for your device and displays the device name and serial number.

6 Click Add Device, and follow the on-screen instructions to add your device to the Garmin Express application.

   When setup is complete, the Garmin Express application displays the updates available for your device.

7 Select an option:
   • To install all available updates, click Install All.
   • To install a specific update, click View Details, and click Install next to the update you want.

   The Garmin Express application downloads and installs the updates onto your device. Map updates are very large, and this process may take a long time on slower internet connections.

**NOTE:** If a map update is too large for the internal storage of the device, the software may prompt you to install a microSD® card in your device to add storage space (Installing a Memory Card for Maps and Data, page 22).

8 Follow the on-screen instructions during the update process to finish installing updates.

   For example, during the update process, the Garmin Express application may instruct you to disconnect and reconnect your device.

**Installing Garmin Express**

The Garmin Express application is available for Windows® and Mac® computers.

1 On your computer, go to garmin.com/express.

2 Select an option:
   • To view the system requirements and verify the Garmin Express application is compatible with your computer, select System Requirements.
   • To install on a Windows computer, select Download for Windows.
   • To install on a Mac computer, select Download for Mac.

3 Open the downloaded file, and follow the on-screen instructions to complete the installation.

**Device Care**

**NOTICE**

Avoid dropping your device.

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

Never use a hard or sharp object to operate the touchscreen, or damage may result.
Avoiding Theft
You can restart your device if it stops functioning.

Cleaning the Outer Casing

Avoid chemical cleaners and solvents that can damage plastic components.

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

Cleaning the Touchscreen

1. Use a soft, clean, lint-free cloth.
2. If necessary, lightly dampen the cloth with water.
3. If using a dampened cloth, turn off the device and disconnect the device from power.
4. Gently wipe the screen with the cloth.

Avoiding Theft

- Remove the device and mount from sight when not in use.
- Do not leave your device in direct sunlight.
- Take your device out of parking garages and away from tall buildings and trees.
- Keep your device away from extreme temperatures.
- Do not expose the device to water.
- Do not keep your unit in the glove compartment.

Restarting the Device

You can restart your device if it stops functioning.

Hold the power key for 12 seconds.

Removing the Device, Mount, and Suction Cup

Removing the Device from the Mount

1. Press the release tab or button on the mount.
2. Tilt the bottom of the device upward, and lift the device from the mount.

Removing the Mount from the Suction Cup

1. Turn the device mount to the right or left.
2. Apply pressure until the socket on the mount releases the ball on the suction cup.

Removing the Suction Cup from the Windshield

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

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. Rotate the end piece clockwise to unlock it.
2. Insert a new fast-blow fuse that has the same current, such as 1 A or 2 A.
3. Place the silver tip in the end piece.
4. Push in the end piece and rotate it clockwise to lock it back into the vehicle power cable.

Troubleshooting

The suction cup will not stay on my windshield

1. Clean the suction cup and windshield with rubbing alcohol.
2. Dry with a clean, dry cloth.
3. Mount the suction cup (Mounting and Powering the Garmin Device in Your Vehicle, page 1).

My device is not acquiring satellite signals

- Verify the GPS simulator is turned off (Navigation Settings, page 18).
- Take your device out of parking garages and away from tall buildings and trees.
- Remain stationary for several minutes.

The device does not charge in my vehicle

- Check the fuse in the vehicle power cable (Changing the Fuse in the Vehicle Power Cable, page 21).
- Verify the vehicle is turned on and is supplying power to the power outlet.
- Verify the interior temperature of the vehicle is within the charging temperature range indicated in the specifications.
- Verify the fuse is not broken in the vehicle power outlet.

My battery does not stay charged for very long

- Decrease the screen brightness (Display Settings, page 18).
- Shorten the display timeout (Display Settings, page 18).
- Decrease the volume (Adjusting the Volume, page 2).
- Turn off the wi-fi radio when it is not in use (Wireless Network Settings, page 18).
- Put the device in power saving mode when not in use (Turning the Device On or Off, page 1).
- Keep your device away from extreme temperatures.
- Do not leave your device in direct sunlight.

My device does not connect to my phone

- Select Settings > Wireless Networks.
  The Bluetooth option must be enabled.
- Enable Bluetooth wireless technology on your phone and bring your phone within 10 m (33 ft.) of the device.
- Verify your phone is compatible.
  Go to www.garmin.com/bluetooth for more information.
- Complete the pairing process again.
  To repeat the pairing process, you must unpair your phone and device (Deleting a Paired Phone, page 14), and complete the pairing process (Live Services, Traffic, and Smartphone Features, page 12).
Appendix

Installing a Memory Card for Maps and Data
You can install a memory card to increase the storage space for maps and other data on your device. You can purchase memory cards from an electronics supplier, or go to www.garmin.com/maps to purchase a memory card with pre-loaded Garmin mapping software. The device supports microSD memory cards from 4 to 32 GB.

1. Locate the map and data memory card slot on your device (Garmin Device Overview, page 1).
2. Insert a memory card into the slot.
3. Press it in until it clicks.

Data Management
You can store files on your device. The device has a memory card slot for additional data storage.

NOTE: The device is compatible with Windows 7 and newer, and Mac OS 10.4 and newer.

About Memory Cards
You can purchase memory cards from an electronics supplier, or purchase pre-loaded Garmin mapping software (www.garmin.com). In addition to map and data storage, the memory card can be used to store files such as maps, images, geocaches, routes, waypoints, and custom POIs.

Connecting the Device to Your Computer
You can connect the device to your computer using a USB cable.

1. Plug the small end of the USB cable into the port on the device.
2. Plug the larger end of the USB cable into a port on your computer.
3. When your Garmin device prompts you to enter file transfer mode, select Continue.

A picture of your device connected to a computer appears on the device screen.
Depending on your computer operating system, the device appears as either a portable device, a removable drive, or a removable volume.

Transferring Data From Your Computer
1. Connect the device to your computer (Connecting the Device to Your Computer, page 22).

Depending on your computer operating system, the device appears as either a portable device, a removable drive, or a removable volume.

2. On your computer, open the file browser.
4. Select Edit > Copy.
5. Browse to a folder on the device.
   NOTE: For a removable drive or volume, you should not place files in the Garmin folder.

Disconnecting the USB Cable
If your device is connected to your computer as a removable drive or volume, you must safely disconnect your device from your computer to avoid data loss. If your device is connected to your Windows computer as a portable device, it is not necessary to safely disconnect the device.

1. Complete an action:
   - For Windows computers, select the Safely Remove Hardware icon in the system tray, and select your device.
Index

Symbols
2-D map view 12
3-D map view 12

A
accessories 22
active lane guidance 8
addresses, finding 4, 13
alerts 3
  audio 18
  proximity points 18
answering calls 14
audio, proximity points 18
avoidances 10
  area 10
  deleting 10
  disabling 10
  road 10
  road features 10
tolls 10

B
battery
  charging 1, 19, 21
  maximizing 21
problems 21
Bluetooth technology 12–14, 21
  disconnecting a device 14
  pairing a phone 12
settings 18
Bluetooth Technology, disabling calls 12, 13
brightness 2

C
calls 14
  answering 14
  contacts 14
  dialing 14
  history 14
  home 14
  placing 14
  cameras
    red light 3
    speed 3
  camper, profiles 2
  changing the search area 4
  charging the device 1, 19, 21
  cleaning the device 21
  cleaning the touchscreen 21
  computer, connecting 22
  connecting 19
  coordinates 6
  current location 7

D
deleting
  paired Bluetooth device 14
  trips 17
destinations 17. See locations
  arriving 9
detours 9
device care 20
dialing 14
directions 8
disconnecting, Bluetooth device 14
display settings 18
driver alerts 3
driving directions 8

E
editing, saved trips 17
emergency services 7
EULAs 19
exit services 11

Files, transferring 22
finding locations. 4–6 See also locations
  addresses 4
  categories 5
  cities 11
  coordinates 6
  intersections 6
  finding services 5
  Foursquare 6
  fuel, stations 7
  fuse, changing 21

G
Garmin Connect 12
Garmin Express 20
updating software 20
going home 8
GPS 1, 22

H
hands-free phone calls 12, 13
home
  calling 14
  editing location 8
  going 8
  phone number 14

I
icons, status bar 1
ID number 19
intersections, finding 6

K
keyboard
  language 19
  layout 19

L
language
  keyboard 19
  voice 19
latitude and longitude 6
location 7
locations 4, 17
  calling 14
  current 7
  recently found 7
  saving 7
  searching for 4, 6
  simulated venues 18

M
map layers, customizing 12
map view
  2-D 12
  3-D 12
maps 5, 8, 10, 11, 18
  data field 8, 11, 12
  detail level 18
  layers 12
  purchasing symbols 8
  theme 18
  tools 11
  updating 19, 20
  viewing routes 8, 9
memory card 1, 22
  installing 22
microSD card 1, 22
mount, removing 21
mounting the device
  automobile 1
  removing from mount 21
suction cup 1, 21
muting, audio 16
myTrends, routes 9

N
national parks 5
navigation 6, 8, 9
off-road 10
settings 18
next turn 8
notifications 12, 13
O
off-road navigation 10
on-screen buttons 2
owner's manual 16
P
pairing
  disconnecting 14
  phone 12, 21
parking 4–7, 9
phone
  disconnecting 14
  pairing 12, 21
phone book 14
phone calls
  answering 14
  dialing 14
  muting 14
  voice dial 14
photoLive 17
points of interest (POI) 5, 6
HISTORY 6
venues 6
power cables 19
  changing the fuse 21
vehicle 1
power key 1
product support 16
profiles, camper 2
proximity points alerts, settings 18
Q
Quick Search 5
R
recently found locations 7
red light cameras 3
removing mount 21
resetting device 21
trip data 12
restoring settings 19
restrictions, vehicle 2
road conditions, weather 16
routes 8
  adding a point 9, 17
  calculating 9
  calculation mode 17, 18
  myTrends 9
  shaping 9
  starting 4, 5, 8
  stopping 9
  suggested 9
  viewing on the map 8, 9

S
satellite signals
  acquiring 1
viewing 22
saved locations 17
  categories 7
  deleting 7
  editing 7
saving, current location 7
screen, brightness 2
screenshots 18
search bar 4
settings 18, 19
  shaping a route 9
shortcuts
  adding 7
  deleting 7
  simulated locations 18
  sleep mode 1
smartphone features 12, 13
  connecting 12
  disabling calls 12, 13
software
  updating 19, 20
  version 19, 21
specifications 19
speech recognition 15
speed cameras 3
suction cup 21

T
theft, avoiding 21
time settings 19
tolls, avoiding 10
tools, maps 11
traffic 12, 14, 15, 18
  adding subscriptions 15
  alternate route 9
  cameras 17
  incidents 12
  map 12
  receiver 15
  searching for delays 12
  traffic cameras, viewing 17
travel history 19
  trip information 11
  resetting 12
  viewing 11
trip log, viewing 12
trip planner 16, 17
  editing a trip 17
  shaping points 17
TripAdvisor 6
troubleshooting 21
turn list 8

U
unit ID 19
up ahead 11
  customizing 11
updating
  maps 19, 20
  software 19, 20
USB, disconnecting 22

V
vehicle power cable 1
vehicle profile
camper 2
car 2
venues 6
voice command 15
  activating 15
  navigating with 15
tips for using 15
  wakeup phrase 15
voice control 16
tips 16
volume, adjusting 2

W
warning icons 3, 4
weather 16
  radar 16
  road conditions 16
Where Am I? 7
Wi-Fi 18–20