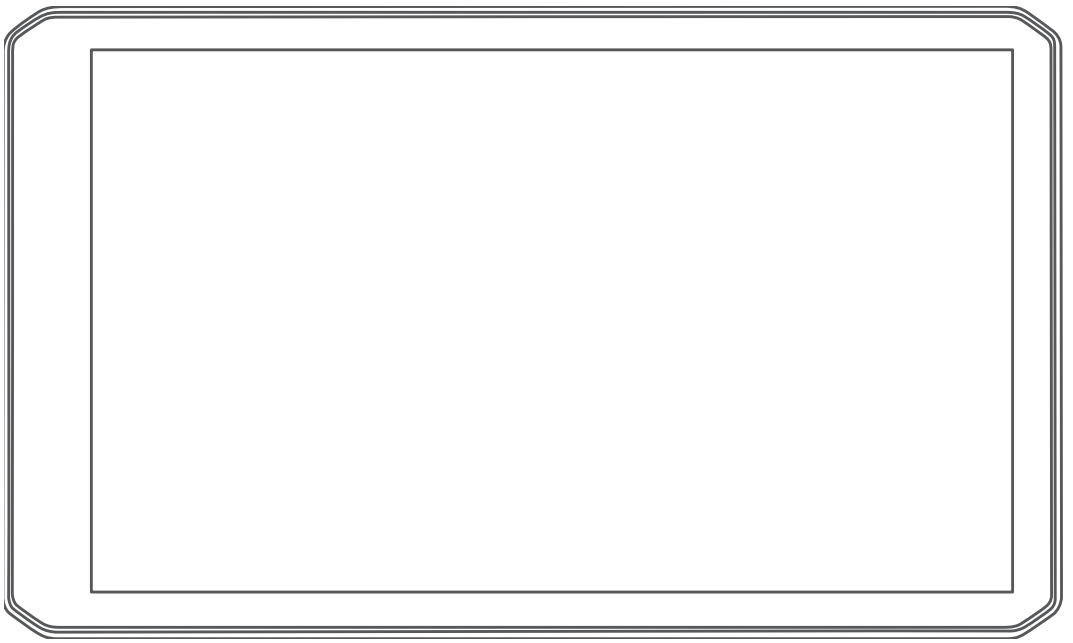
GARMIN®



GARMIN DRIVETRACK™ 72

Owner's Manual

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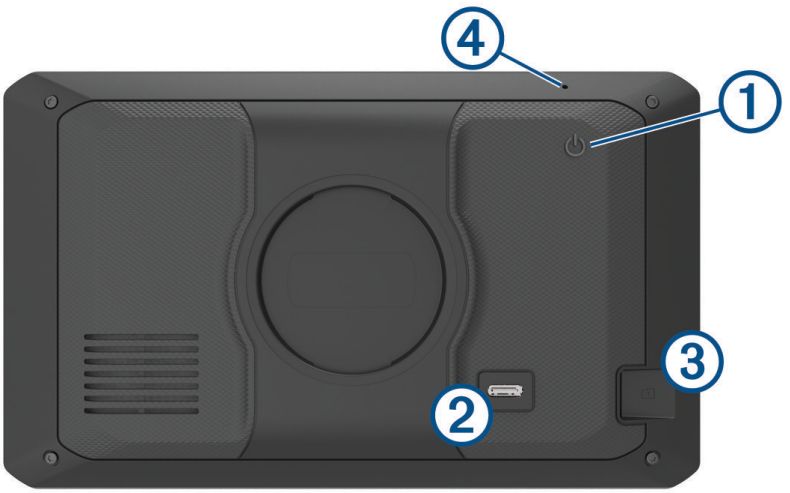
Getting Started

⚠ WARNING

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

- Update the maps and software on your device (*Updating Maps and Software Using a Wi-Fi Network*, page 42).
- Mount the device in your vehicle and connect it to power (*Mounting Considerations*, page 2).
- Acquire GPS signals (*Acquiring GPS Signals*, page 4).
- Adjust the volume (*Adjusting the Volume*, page 6) and display brightness (*Adjusting the Screen Brightness*, page 6).
- Navigate to your destination (*Starting a Route*, page 16).

Device Overview



1	Power button
2	USB-C® power and data port
3	Map and data memory card slot
4	Microphone for voice commands or hands-free calling

Mounting Considerations

- Do not mount the device in a location that obscures the driver's view of the road.

⚠ WARNING

It is your responsibility to ensure the mounting location complies with all applicable laws and ordinances, and does not block your view of the road during the safe operation of your vehicle.

- Choose a location that allows you to route the power cable safely.

⚠ WARNING

When installing the device in a vehicle, install the device and power cable securely so they do not interfere with the vehicle operating controls. Interference with the vehicle operating controls can result in a collision, which could result in injury or death.

- Choose a location that allows the device to clearly hear your voice.

  You should avoid placing the device near a speaker or air vent, which can produce noise that interferes with the microphones.
- Choose a location that is within easy reach.
- Thoroughly clean the windshield before installing the mount.

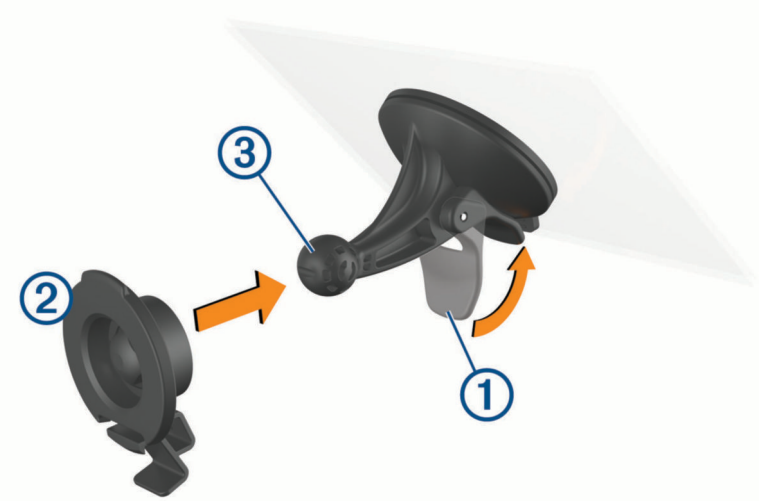
Mounting and Powering the Garmin DriveTrack 72 Device in Your Vehicle

⚠ 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.

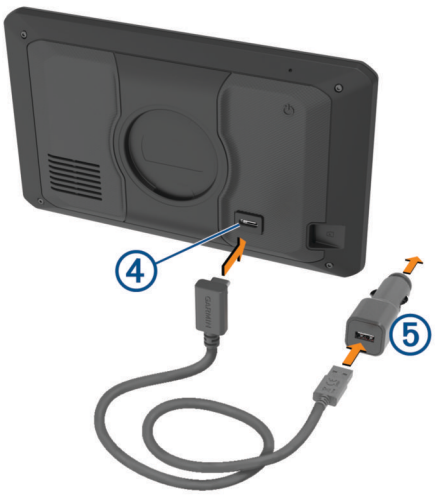
Before you use your device on battery power, you should charge it.

1 Press the suction cup to the windshield, and flip the lever ① toward the windshield.



2 Press the mount ② onto the suction cup ball ③ until it snaps into place.

3 Plug the vehicle power cable into the USB-C power and data port ④ on the device.



4 Plug the other end of the vehicle power cable into the vehicle power adapter ⑤.
5 Plug the vehicle power adapter into a power outlet in your vehicle.
6 Fit the tab on the top of the mount into the slot on the back of the device, and press the bottom of the mount into the device until it clicks.

Turning the Device On or Off

- To turn the device on, press the power button ①, or connect the device to power.

- To put the device in power saving mode, press the power button while the device is on.

  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 button until a prompt appears on the screen, and select **Off**.

  The prompt appears after five seconds. If you release the power button 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.

in the status bar indicates the satellite signal strength. When at least half the bars are filled, the device is ready for navigation.

Home Screen

1	Select to start a route.
2	Select to view the map.
3	Select various app shortcuts to use features on your navigation device.
4	Select to stop an active route.
5	Select to open the apps menu. The app drawer contains shortcuts to all of the apps available on your device.
6	Select to adjust the volume.
7	Select to view device settings and update software.

Opening an App

The home screen contains shortcuts for frequently used apps. The app drawer contains all of the apps installed on your device.

Select an option:

- Select an app shortcut from the home screen.
- Select , and select an app.

Status Bar Icons

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

	GPS signal status. Hold to view GPS accuracy and acquired satellite information (*Viewing GPS Signal Status*, page 46).
	Bluetooth® technology status. Select to view the Bluetooth settings (*Phone Settings*, page 37).
	Wi-Fi® signal strength. Select to change the Wi-Fi settings (*Connecting to a Wireless Network*, page 38).
	Connected to hands-free calling. Select to place a phone call (*Hands-Free Calling*, page 26).
	Current time. Select to set the time.
	Battery charge level.
	Garmin Drive™ app connection status (*Pairing with Your Smartphone*, page 25).
	Temperature. Select to view the weather forecast (*Viewing the Weather Forecast*, page 31).

Using the Touchscreen

- Tap the screen to select an item.
- Drag or swipe your finger across the screen to pan or scroll.
- Pinch two fingers together to zoom out.
- Spread two fingers apart to zoom in.

Adjusting the Screen Brightness

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

Adjusting the Volume

1. Select .
2. Select an option:
   - Use the slider bar to adjust the volume.
   - Select to mute the device.
   - Select a check box to enable or disable additional sound options.

Dog Tracking

The dog tracking features allow you to see information transmitted from your compatible Garmin® handheld dog device on your Garmin DriveTrack 72 device. You can navigate to your dogs, view their current status and location, and observe the distance they have traveled.

Receiving Data From Your Handheld Device

Before you can receive data, you must enable broadcasting on your handheld dog tracking device. See the owner's manual for your dog tracking device for more information.

1 Place your handheld dog tracking device within 3 m (10 ft) of your Garmin DriveTrack device.

TIP: If there are other dog tracking devices nearby, you should move away from them before pairing your dog tracking device with the Garmin DriveTrack device.

2 From the home screen, select **Dogs**.

The Garmin DriveTrack device searches for a dog tracking device broadcasting within range, and connects automatically.

TIP: Your Garmin DriveTrack device receives data from one compatible handheld dog device at a time. Stay more than 3 m (10 ft) away from other handheld dog devices or disable broadcasting on handheld dog devices from which you do not want to receive data.

Tracking Your Dogs

1 Select **Dogs**.

The dogs connected to your handheld device appear on the screen.

2 Select a dog.

The dog's location and track log appear on the map.

3 Select **Go!** to navigate to your dog.

Dog Status Icons

Icons indicate the status and location of your dogs.

	Sitting
	Running
	On point
	Treed
	Unknown*
	Collar battery low
	Collar connection lost
	Collar GPS reception lost

*The unknown status icon indicates the collar has not acquired a satellite signal and the handheld device cannot determine the location of the dog.

Viewing Your Dogs on the Map

1 While viewing the map, select anywhere on the map.

2 Select .

The device zooms to show all of your dogs on the screen.

Dog Tracker Settings

Select **Dogs** > .

Dog Labels: Sets the labels that appear next to your dog's location on the map.

Dog Label Size: Sets the size of dog labels on the map.

Dog Icon Size: Sets the size of dog icons on the map.

Dog Track On Map: Shows the dog track history on the map.

Audible Dog Alerts: Enables an audible alert for dog status changes.

Clear Dog Tracks: Clears the dog track logs.

Unpair: Unpairs your dog tracker.

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 displays a red border on the speed limit icon when you exceed the posted speed limit for the current road.

Speed limit reduced: 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 displays the distance to an upcoming railroad crossing.

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

Country Border Alerts: The device alerts you when crossing international borders.

Curves: The device plays a tone to indicate a bend 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 28).

Construction zone: The device plays a tone and displays a message when you approach a construction zone.

Lane closure: The device plays a tone and displays a message when you approach a lane closure.

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

Proximity Alerts: The device alerts you when you approach custom points of interest or red light cameras.

Enabling or Disabling Driver Alerts

You can enable or disable several types of driver alerts.

1. Select > **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 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.

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 10).
- To navigate to your home location, select **Go Home** (*Going Home*, page 16).
- To find an address, select **Address** (*Finding an Address*, page 10).
- To browse or search pre-loaded points of interest by category, select **Categories** (*Finding a Location by Category*, page 13).
- To search near a different city or area, select the current search area, and select a new search area (*Changing the Search Area*, page 12).
- To view and edit your saved locations, select **Saved** (*Saving Locations*, page 15).
- To view locations you have recently selected from the search results, select **Recent** (*Viewing Recently Found Locations*, page 14).
- To browse and search Foursquare® points of interest, select **Foursquare**.
- To browse and search Tripadvisor® traveler ratings, select **Tripadvisor** (*Tripadvisor*, page 12).
- To navigate to a specific street intersection, select **Intersections** (*Finding an Intersection*, page 13).
- To navigate to specific geographic coordinates, select **Coordinates** (*Finding a Location Using Coordinates*, page 13).

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.
   - 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 city, enter the city and state.
   - To search for coordinates, enter latitude and longitude coordinates.
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.

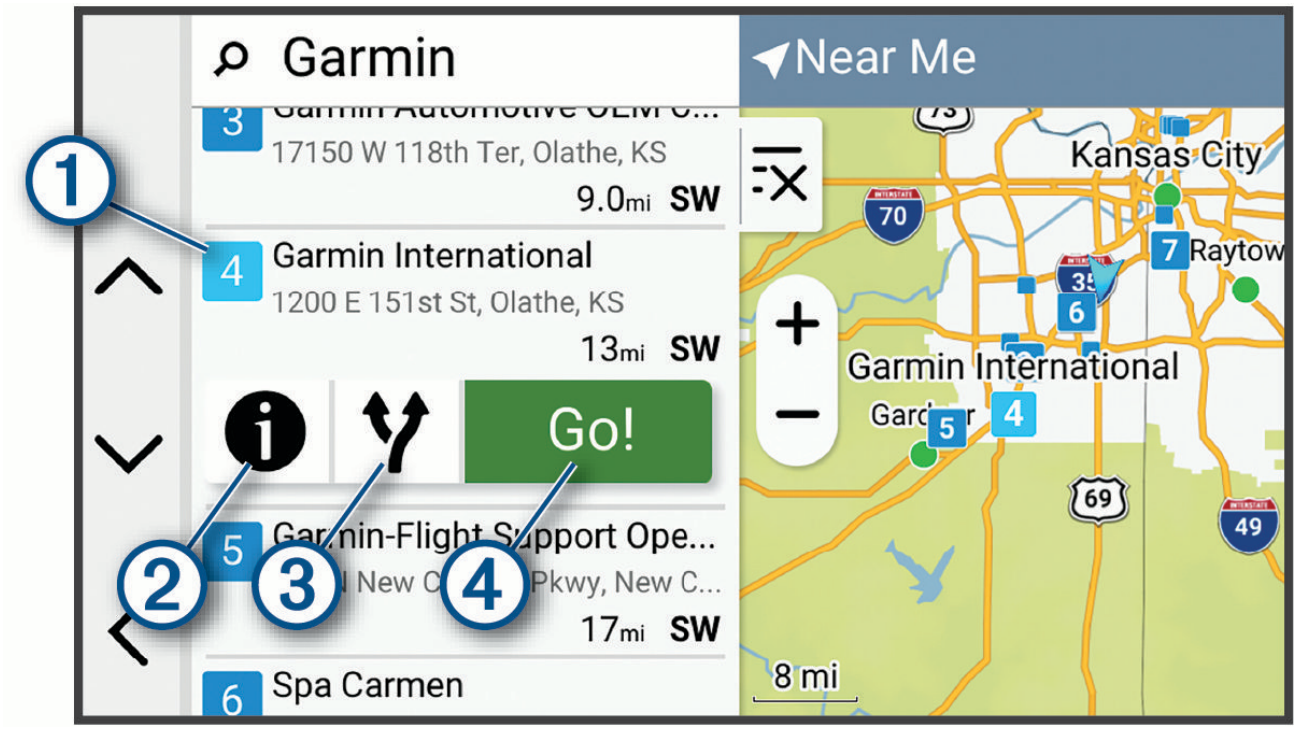
Finding an Address

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 the current search area 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

The location search results appear in a list, with the nearest location at the top. Each numbered location also appears on the map. You can scroll down to view more results.



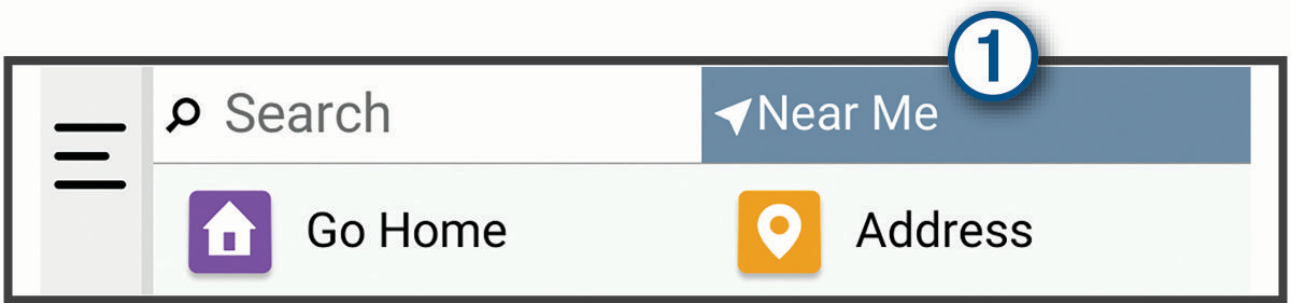
1	Select a location to view the option menu.
2	Select to view detailed information about the location.
3	Select to view alternate routes to the location.
4 Go!	Select to start navigating to the location using the recommended route.

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 the current search area ①.



3 Select a search area.

4 If necessary, follow the on-screen instructions to select a specific location.

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

Points of Interest

NOTICE

You are responsible for understanding and complying with any applicable rules, laws, or regulations associated with 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.

Tripadvisor

NOTICE

Garmin is not responsible for the accuracy or timeliness of the Tripadvisor information.

You are responsible for understanding and complying with any applicable rules, laws, or regulations associated with points of interest.

Your device includes Tripadvisor traveler ratings. Tripadvisor ratings appear automatically in the search results list for restaurants, hotels, and attractions. 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.

3 If necessary, select a subcategory.

A list of nearby Tripadvisor points of interest for the category appears.

4 Select **Sort Results** to filter the displayed points of interest by distance or popularity (optional).

5 Select , and enter a search term (optional).

Foursquare

NOTICE

Garmin is not responsible for the accuracy or timeliness of information provided by Foursquare.

You are responsible for understanding and complying with any applicable rules, laws, or regulations associated with points of interest.

Foursquare is a location-based social network. Your device includes millions of pre-loaded Foursquare points of interest, which are indicated by the Foursquare logo in your location search results.

Searching Foursquare Points of Interest

You can search for Foursquare points of interest loaded on your device.

Select **Where To?** > **Foursquare**.

Viewing Foursquare Location Details

You can view Foursquare location information and user ratings.

1. From the location search results, select a Foursquare point of interest.
2. Select .

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.

Parking

Finding Parking Near Your Current Location

1. Select **Where To?** > **Categories** > **Parking**.
2. Select a parking location.
3. Select **Go!**.

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.

1. Select **Where To?** > **Intersections**.
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.

1. Select **Where To?** > **Coordinates**.
2. If necessary, select , and change the coordinate format or datum.
3. Select **Coordinates**.
4. Enter the latitude and longitude coordinates, and select **Done**.
5. Select an option:
   - To save the coordinates as a location, select **Save**.
   - To start a route to the coordinates, select **Go!**.

Viewing Recently Found Locations

Your device stores a history of the last 50 locations you have found.

Select **Where To?** > **Recent**.

Clearing the List of Recently Found Locations

Select **Where To?** > **Recent** > ☰ > **Clear** > **Yes**.

Viewing Current Location Information

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

From the map, select the vehicle.

Finding Emergency Services and Fuel

You can use the Where Am I? page to find the nearest hospitals, police stations, and fuel stations.

1. From the map, select the vehicle.
2. Select **Hospitals**, **Police Stations**, or **Fuel**.

   A list of locations for the selected service appears, with the nearest locations at the top.
3. Select a location.
4. Select an option:
   - To navigate to the location, select **Go!**
   - To view the phone number and other location details, select ⓘ.

Getting Directions to Your Current Location

If you need to tell another person how to get to your current location, your device can give you a list of directions.

1. From the map, select the vehicle.
2. Select ☰ > **Directions to Me**.
3. Select a starting location.
4. Select **Select**.

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.

The Where To? menu can contain up to 36 shortcut icons.

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

Removing a Shortcut

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

1. Search for a location (*Finding and Saving Locations*, page 9).
2. Select a location from the list of search results.
3. Select ⓘ > **Save**.
4. If necessary, select **Name** to edit the name of the location.
5. Select **Save**.

Saving Your Current Location

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

Editing a Saved Location

1. Select **Where To?** > **Saved**.
2. If necessary, select a category.
3. Select a location.
4. Select **Edit**.
5. Select an option:
   - Select **Name**.
   - Select **Map Symbol** to change the symbol used to mark the saved location on a map.
   - Select **Collections** to add or remove the location from your saved collection categories.
   - Select **Coordinates** to edit the GPS coordinates for the location.
6. Edit the information.
7. Select **Done**.

Deleting a Saved Location

NOTE: Deleted locations cannot be recovered.

1. Select **Where To?** > **Saved**.
2. Select a waypoint.
3. Select **Edit** > **Delete** > **Yes**.

Navigating to Your Destination

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 19) and avoidances (*Avoiding Delays, Tolls, and Areas*, page 20).
- You can start navigating to your destination quickly using the recommended route, or you can select an alternate route (*Starting a Route*, page 16).
- If there are specific roads you need to use or avoid, you can customize the route (*Shaping Your Route*, page 19).
- You can add multiple destinations to a route (*Adding a Location to Your Route*, page 19).

Starting a Route

1. Select **Where To?**, and search for a location (*Finding and Saving Locations*, page 9).
2. Select a location.
3. Select an option:
   - To start navigating using the recommended route, select **Go!**.
   - To choose an alternate route, select , and select a route.

     Alternate routes appear to the right of the map.
   - To edit the course of the route, select > **Edit Route**, and add shaping points to the route (*Shaping Your Route*, page 19).

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 17). 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 19).

Starting a Route by Using the Map

You can start a 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. Select an option:
   - Select a location marker.
   - Select a point, such as a street, intersection, or address location.
4. Select **Go!**.

Going Home

The first time you start a route home, the device prompts you to enter your home location.

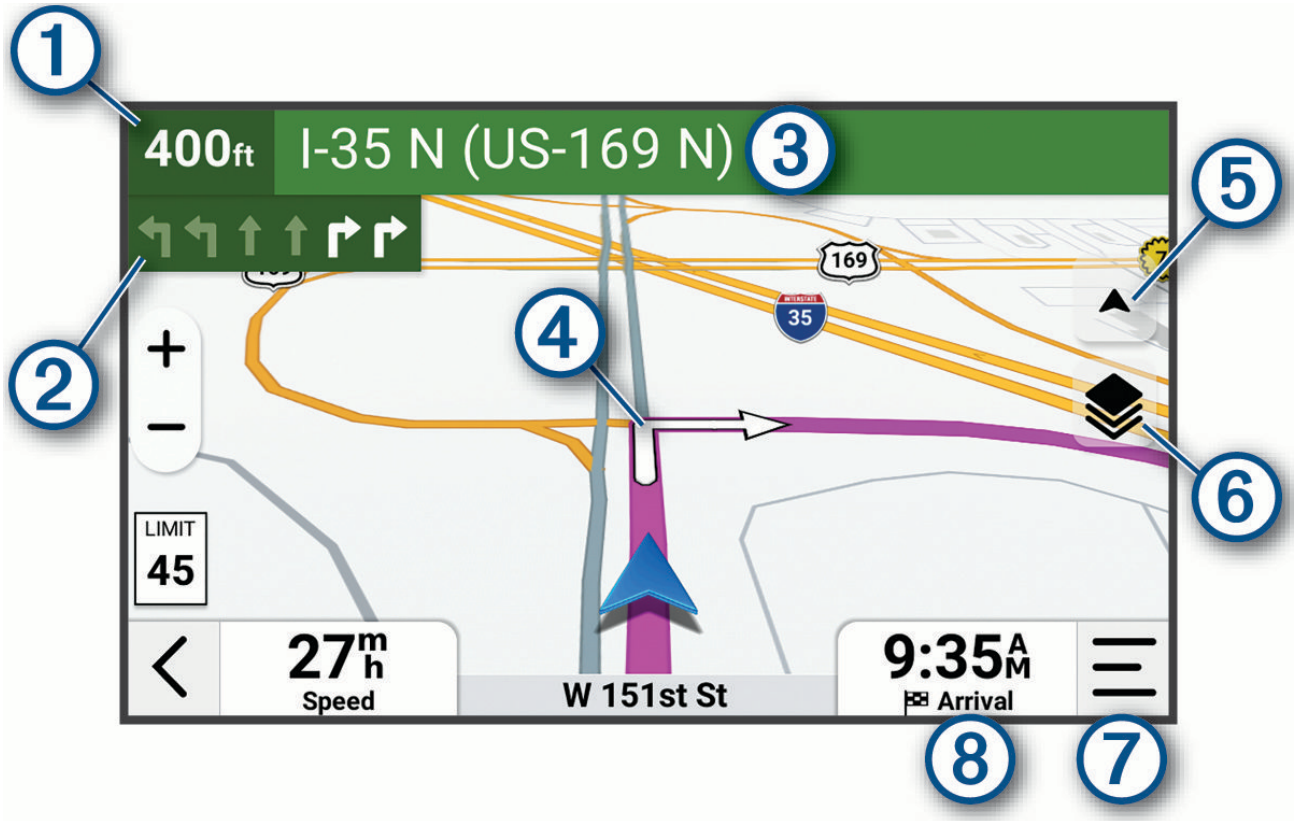
1. Select **Where To?** > **Go Home**.
2. If necessary, enter your home location.

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.



1	Distance to the next action.
2	Next action in the route. Indicates the next turn, exit, or other action and the lane in which you should travel, if available.
3	Name of the street or exit associated with the next action.
4	Route highlighted on the map.
5	Map perspective. Allows you to change the map perspective between track up, north up, and 3-D.
6	Map layers. Allows you to add map layers such as topographic and BirdsEye imagery to your map view.
7	Map tools. You can select tools to show you more information about your route and surroundings.
8	Data field **TIP:** You can touch this field to change the information it shows (*Changing the Map Data Field*, page 24).

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 several 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 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

NOTICE

This feature is for informational purposes only. You are responsible for ensuring that you are parking in accordance with posted signage and any applicable laws, regulations, or rules that may apply to your desired parking location.

Your device can help you find a parking spot near your destination. When you approach some destinations, the device automatically suggests parking areas.

1. Select an option:
   - When the device suggests parking, select **More** to see all of the suggested parking areas.

     NOTE: When you select a suggested parking area, the device automatically updates your route.
   - If the device does not suggest parking locations, select **Where To?** > **Categories** > **Parking**, and select **Near Destination** for the search area.
2. Select a parking location, and select **Go!**.

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 16).

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 route planner to plan, schedule, and save a route (*Planning a Route*, page 29).

1. From the map, select < > **Where To?**.
2. Search for a location (*Finding and Saving Locations*, page 9).
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 16).

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. From the map, select ☰ > **Edit Route** > **Shape Route**.
   The device enters route shaping mode.
2. Select a map location to create a shaping point.
   TIP: You can select + to zoom in on the map and select a more precise location.
3. 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 the shaping point and select 🗑.
4. Select ✓.

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 ⚙ > **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 **Straight Line** to calculate point-to-point routes in a straight line.

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 40).

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

NOTICE

Garmin is not responsible for the accuracy or timeliness of information concerning traffic, toll areas, or other potential areas of avoidance.

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 28).

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 39), you can view and avoid traffic delays manually.

1. While navigating a route, select ☰ > **Traffic**.
2. Select **Alternate Route**, if available.
3. Select **Go!**.

Avoiding Road Features

1. Select ⚙ > **Navigation** > **Avoidances**.
2. Select the road features to avoid on your routes, and select **Save**.

Avoiding Environmental Zones

Your device can avoid areas with environmental or emissions restrictions that may apply to your vehicle.

1. Select ⚙ > **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 ⚙ > **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 > **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 > **Navigation** > **Custom Avoidances**.
2. Select an avoidance.
3. Select > **Disable**.

Deleting Custom Avoidances

1. Select > **Navigation** > **Custom Avoidances** > .
2. Select an option:
   - To delete all custom avoidances, select **Select All** > **Delete**.
   - To delete one custom avoidance, select the avoidance, and select **Delete**.

Using the Map

You can use the map to navigate a route (*Your Route on the Map*, page 17) 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:
   - Drag the map to pan left, right, up, or down.
   - To add or remove map layers such as topographic and BirdsEye imagery, select .
   - To zoom in or out, select or .
   - To switch between North Up, 2-D, and 3-D views, select .
   - To open the route planner, select (*Route Planner*, page 29).
   - To start a route, select a location on the map, and select **Go!** (*Starting a Route by Using the Map*, page 16).

Map Tools

Map tools provide quick access to information and device functions while you view the map. When you activate a map tool, it appears in a panel at the edge of the map.

Stop: Stops navigation of the active route.

Edit Route: Allows you to take a detour or skip locations in your route (*Changing Your Active Route*, page 19).

Mute Navigation: Mutes the device audio.

Cities Ahead: Displays upcoming cities and services along your active route or along a highway (*Cities Ahead*, page 23).

Up Ahead: Displays upcoming locations along the route or the road on which you are traveling (*Up Ahead*, page 22).

Traffic: Displays traffic conditions along your route or in your area (*Viewing Upcoming Traffic*, page 24). This feature is not available in all areas or for all device models.

Trip Data: Displays customizable trip data, such as speed or mileage (*Viewing Trip Data from the Map*, page 23).

Turns: Displays a list of upcoming turns in your route (*Viewing Turns and Directions*, page 18).

Phone: Displays a list of recent phone calls from your connected phone, and displays in-call options while a phone call is active (*Using In-Call Options*, page 27).

Weather: Displays weather conditions for your area.

Report Safety Camera: Allows you to report a speed or red light camera. This tool is available only when you have speed or red light camera data on your device and you have an active connection to the Garmin Drive app.

Music Controls: Displays media controls and media information.

Smart Notifications: Displays recent smart notifications from your connected phone (*Smart Notifications*, page 26).

Viewing a Map Tool

1. From the map, select ☰.
2. Select a map tool.

   The map tool appears in a panel at the edge of the map.
3. When you are done using the map tool, select ✕.

Changing the Map Shortcuts

You can change the shortcut buttons that appear on the edge of the map.

1. From the map, select ☰ > 🔧.
2. Select an option:
   - To remove a shortcut button, select 🗑.
   - To replace a shortcut button, select ✚, and select a shortcut button to display.
3. Select **Save**.

Up Ahead

The Up Ahead tool provides information about upcoming locations along your route or the road on which you are traveling. You can view upcoming points of interest by category, such as restaurants, fuel stations, or rest areas.

You can customize the categories that show in the Up Ahead tool.

Viewing Upcoming Locations

1 From the map, select ☰ > **Up Ahead**.

While you are traveling, the map tool shows the next location along your road or route.

2 Select an option:

- If the map tool shows categories, select a category to view a list of nearby locations in that category.
- If the map tool shows upcoming locations, select a location to view location details or start a route to the location.

Customizing the Up Ahead Categories

You can change the location categories that appear in the Up Ahead tool.

1 From the map, select ☰ > **Up Ahead**.

2 Select a category.

3 Select 🔧.

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**.

While you are traveling along a highway or an active route, the map tool shows information about upcoming cities and exits.

2 Select a city.

The device shows a list of points of interest located at the selected city exit, such as fuel stations, lodging, or restaurants.

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

Trip Information

Viewing Trip Data from the Map

From the map, select ☰ > **Trip Data**.

Customizing the Trip Data Fields

1 From the map, select ☰ > **Trip Data**.

2 Select a trip data field.

3 Select an option.

The new trip data field appears in the trip data map tool.

Viewing Your Trip History

Your device keeps a record of the path you have traveled.

1 Select ⚙ > **Map** > **Map Layers**.

2 Select the **Travel History** check box.

Resetting Trip Information

1. From the map, select **Speed**.
2. Select ☰ > **Reset Field(s)**.
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 Overall Data** to reset Trip A and total data.
   - Select **Reset Trip B** to reset the odometer.
   - Select **Reset Max. Speed** to reset the maximum speed.

Viewing Upcoming Traffic

NOTICE

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

Before you can use this feature, your device must be receiving traffic data (*Traffic*, page 28).

You can view traffic incidents coming up along your route or along the road on which you are traveling.

1. While navigating a route, select ☰ > **Traffic**.
   The nearest upcoming traffic incident appears in a panel on the right side of the map.
2. Select the traffic incident to view additional details.

Viewing Traffic on the Map

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

1. From the main menu, select ▦ > **Traffic**.
2. If necessary, select ☰ > **Legend** to view the legend for the traffic map.

Searching for Traffic Incidents

1. From the main menu, select ▦ > **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 topographic maps and BirdsEye imagery.

1. Select ⚙ > **Map** > **Map Layers**.
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.
   NOTE: You cannot customize Speed.
2. Select a type of data to display.

Changing the Map Perspective

1 Select ⚙ > **Map** > **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.
3 Select **Save**.

Live Services, Traffic, and Smartphone Features

⚠ WARNING

Do not read or interact with notifications while driving, because doing so can cause distraction that could lead to an accident resulting in serious personal injury or death.

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 28).

Weather information: Sends real-time weather forecasts, road conditions, and weather radar to your device (*Viewing the Weather Forecast*, page 31).

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.

Pairing with Your Smartphone

You can pair your Garmin DriveTrack device with your smartphone and the Garmin Drive app to enable additional features and access live information (*Live Services, Traffic, and Smartphone Features*, page 25).

1 From the app store on your smartphone, install the Garmin Drive app.
2 Turn on your Garmin DriveTrack 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.

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 DriveTrack 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 **Send to Device** to start a route.

The Garmin DriveTrack device starts navigating to the selected location, and the location is added to your recent searches in the Where To? menu.

Smart Notifications

While your device is connected to the Garmin Drive app, you can view notifications from your smartphone on your Garmin DriveTrack device, such as text messages, incoming calls, and calendar appointments.

Receiving Notifications while Viewing the Map

⚠ WARNING

Do not read or interact with notifications while driving, because doing so can cause distraction that could lead to an accident resulting in serious personal injury or death.

Before you can use this feature, your device must be connected to a supported phone running the Garmin Drive app.

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 ✕, 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 ▶.

  The device reads the notification using text-to-speech technology. This feature is not available for all languages.

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 (*Pairing with Your Smartphone*, page 25). While connected, you can place or receive calls using your device.

Enabling Hands-Free Calling

Before you can enable hands-free calling features, you must pair your Garmin DriveTrack navigator with the Garmin Drive app on a compatible phone (*Pairing with Your Smartphone*, page 25).

1 Select ⚙ > **Phone**.

2 Select your paired phone.

3 Select **Phone calls**.

Placing a Call

1 Select > **Phone**.

2 Select an option:

- To dial a number, select **Dial**, enter the phone number, and select **Dial**.
- To view numbers of recent, missed, or recently dialed or received calls, select **Call History**, select a log, select a number, and select **Call** to dial it.
- To call a contact from your phone book, select **Phone Book**, select a contact, and select **Call**.
- To call a point of interest location such as a restaurant or attraction, select **Browse Categories**, select a category, select a location, and select **Call**.

Calling Home

Before you can call home, you must enter a phone number for your home location.

Select > **Phone** > **Call Home**.

Placing a Call Using Voice Dial

Before you can use voice dialing, the voice assistant app on your phone must be available.

1 Select > **Phone** > **Voice Dial**.

2 Listen for the voice prompt.

3 Say **Call**, and say the contact name, phone number, or location you want to call.

Receiving a Call

When you receive a call, select **Answer** or **Dismiss**.

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 any screen. You can also select > from the map.

- To set up a conference call, select **Add Call**.
- To transfer audio to your phone, select **Call in Progress on Navigator**.

  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**.

Enabling or Disabling Bluetooth Features

You can enable or disable Bluetooth features such as phone calls, media audio, and live services for your paired smartphone.

1 Select > **Phone**.

2 Select your phone name.

3 Select a feature to enable or disable it.

Showing or Hiding App Notifications

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

1 On your phone, open the Garmin Drive app.
2 Select ⚙ > **Smart Notifications**.
A list of smartphone app categories appears.
3 Select a category to enable or disable notifications for that type of app.

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 DriveTrack device automatically in the future.

1 Select ⚙ > **Phone**.
2 Select the device to disconnect.
3 Select **Disconnect**.

Deleting a Paired Phone

You can delete a paired phone to prevent it from automatically connecting to your device in the future.

1 Select ⚙ > **Phone**.
2 Select the phone, and select **Forget 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 39). 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.

- All product models can receive subscription-free traffic data using the Garmin Drive app (*Receiving Traffic Data Using Your Smartphone*, page 28).

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.
2 On your Garmin DriveTrack device, select ⚙ > **Navigation** > **Traffic**, and verify the **Traffic** option is selected.

Viewing Traffic on the Map

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

1 From the main menu, select ▦ > **Traffic**.
2 If necessary, select ☰ > **Legend** to view the legend for the traffic map.

Searching for Traffic Incidents

1. From the main menu, select > **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.

Using the Apps

Route Planner

You can use the route planner to create and save a route, 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 route to further customize it, including reordering locations, adding suggested attractions, and adding shaping points.

Planning a Route

A route can include many locations, 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 route. If you start navigating the route from a different location, the device gives you the option to route to your starting location first. For a round trip, the starting location and final destination can be the same.

1. Select > **Route Planner** > **Create Route**.
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** > > .
8. Enter a name, and select **Done**.

Editing and Reordering Locations in a Route

1. Select > **Routes**.
2. Select a saved route.
3. Select **List**.
4. Select a location.
5. Select an option:
   - To change the location, select , and enter a new location.
   - To move the location up or down, select , and drag the location to a new position in the route.
   - To add a new location after the selected location, select .
   - To remove the location, select .

Navigating to a Saved Route

1. Select > **Routes**.
2. Select a saved route.
3. Select **Go!**.
4. Select the first location to navigate to, and select **OK**.
5. Select **Start**.

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

Editing and Saving Your Active Route

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

1. Select > **Route Planner** > **My Active Route** > .
2. If necessary, edit your route using any of the route planner features.
   The route recalculates each time you make a change.
3. If necessary, select to confirm your changes.
4. Select **Save** to save your route, which you can navigate again later (optional).

Importing Routes with a Memory Card

You can import data, such as waypoints and routes, in .gpx file format from a compatible microSD® card.

1. Insert a compatible microSD card containing one or more .gpx files into the memory card slot on your device (*Installing a Memory Card for Maps and Data*, page 53).
2. Select > **Route Planner** > **Import Routes**.

Sharing a Saved Item

You can share items using a connected smartphone with the Garmin Drive app, or you can save them to a memory card (*Installing a Memory Card for Maps and Data*, page 53).

1. From the **Saved** app, select the item you want to share.
2. Select an option:
   - To share a route, select > **Share**.
   - To share a saved place, select **Share**.
3. Select an option:
   - To send the item to the Garmin Drive app on your phone, select **Garmin Drive**.
   - To save the item to a memory card, select **Memory Card**.
4. If necessary, edit the name of the .gpx file.

Synchronizing Garmin Account Data

Before you can synchronize account data, you must pair your device with the Garmin Drive app (*Pairing with Your Smartphone*, page 25).

You can synchronize data, such as tracks, with your Garmin account. Your device periodically synchronizes data with your account automatically. You can also synchronize data manually at any time.

1. From the home screen, select **Saved**.
2. Select .

Deleting a Route

1. Select **Route Planner** > > **Delete Routes**.
2. Select a route, and select **Delete**.

Viewing Previous Routes and Destinations

Before you can use this feature, you must enable the travel history feature (*Device and Privacy Settings*, page 40).

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

Select > **Trip History**.

BirdsEye Direct Satellite Imagery

BirdsEye direct satellite imagery provides downloadable, high-resolution map imagery, including detailed satellite imagery and raster-based topographical maps. You can download BirdsEye direct satellite imagery directly to your device while it is connected to a Wi-Fi network.

Downloading BirdsEye Direct Satellite Imagery

Before you can download BirdsEye direct satellite imagery directly to your device, you must connect to a wireless network (*Connecting to a Wireless Network*, page 38).

1. Select > **Birdseye Direct**.
2. Select .
3. Select an option:
   - To download BirdsEye imagery files for a specific location or area, select **Location**, and select a category.
     NOTE: The location defaults to your current location.
   - To select an image quality option, select **Detail**.
   - To define the size of the area shown in the downloaded imagery files, select **Size**, and enter a distance from the selected location.
   - To select where to save the downloaded imagery files, select **Save To**.
4. Select **Download**.
5. Enter a name for the downloaded imagery, and select **Done**.

Viewing the Weather Forecast

NOTICE

Garmin is not responsible for the accuracy or timeliness of the weather data.

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.

NOTE: Weather forecasts are not available in all areas.

1. Select > **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 the Weather Radar

Before you can use this feature, your device must be connected to a supported phone running the Garmin Drive app (*Pairing with Your Smartphone*, page 25).

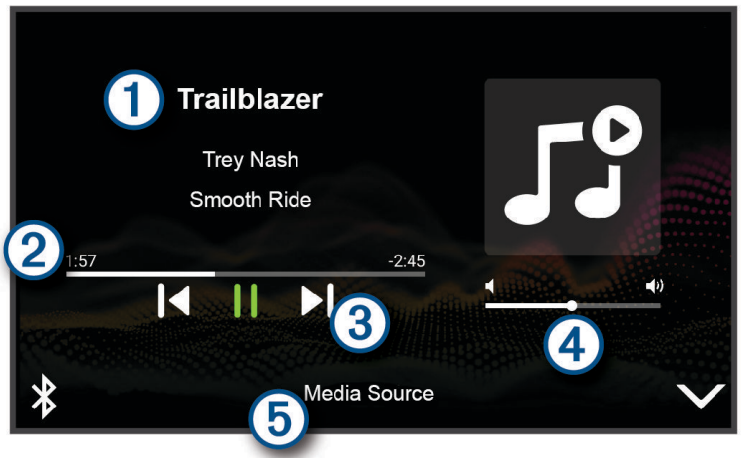
Select > **Weather** > **Radar**.

Viewing Weather Near a Different City

1. Select > **Weather** > .
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.

Music Player

The music player allows your device to control the music currently playing from a media app on your paired phone. You can open the media player at any time by selecting Music from the main menu.



1	Information about the currently playing media, such as title, artist, album, station, or channel.
2	Progress through the current media item.
3	Playback controls. The controls change based on the source providing the media.
4	Volume controls. You can use the slider to adjust the volume.
5	The name of the connected media source.

Adding the Music Player Tool to the Map

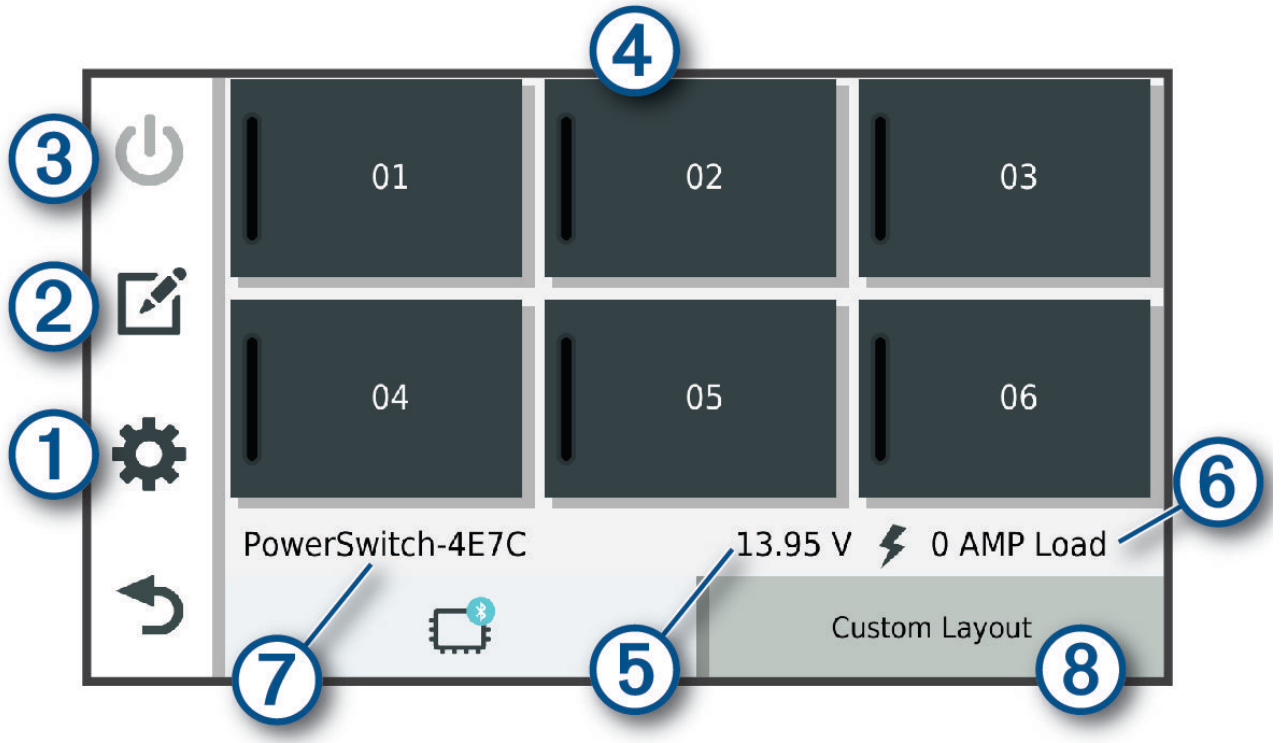
The music player map tool enables you to control the music player from your map.

1 Open the map.

2 Select ☰ > **Music Controls**.

The music player controls appear on the map.

Garmin PowerSwitch™ App



①	Opens the app settings menu
②	Enters editing mode to customize the app layout and functions
③	Turns off all outputs
④ Power buttons	Activates each connected output
⑤	Displays input voltage
⑥	Displays the total amperage of the selected Garmin PowerSwitch device
⑦	Displays the device name
⑧	Displays Garmin PowerSwitch device tabs and custom layout tabs

Activating a Power Switch

Before you can use the Garmin PowerSwitch app to activate a switch, you must install your Garmin PowerSwitch device in your vehicle and pair it with the Garmin PowerSwitch app.

From the Garmin PowerSwitch app, select a power button to turn a switch on or off.

Turning Off All Switches

Select ⏻.

Customizing a Button

1 From the Garmin PowerSwitch app screen, select .
The app enters editing mode.
2 Select on the button you want to customize.
3 Select an option:
- To change the name of the button, select the **Button Label** field, and enter a name.
- To add an icon to the button, select the **Icon** field, and select an icon.
- To change the button color, select a color.
- To change the button mode, select a button mode.
- To adjust the intensity of the switch, use the slider.
- To set the button to activate with a control input, select a control input.

4 Select .
5 Select **Done**.

Assigning a Switch to a Control Input

Before you can use control input functions, you must connect a control input to your Garmin PowerSwitch device.

You can assign one or more switches to turn on when the Garmin PowerSwitch device receives a signal from a control input.

1 Select .
2 Select your Garmin PowerSwitch device.
3 Select a control input.
4 Select one or more switches.

Adding a Custom Layout

You can add a custom layout tab to the Garmin PowerSwitch app. Buttons added to a custom layout can control multiple switches at the same time.

1 From the Garmin PowerSwitch app, select .
The device enters editing mode.
2 Select .

Adding a Button to a Custom Layout

1. From the Garmin PowerSwitch app, select a custom layout tab.
2. Select .
   The app enters editing mode.
3. Select **Add Button**.
4. On the new button, select .
5. Select an option:
   - To change the name of the button, select the **Button Label** field, and enter a name.
   - To add an icon to the button, select the **Icon** field, and select an icon.
   - To change the button color, select a color.
6. Select **Add Action**.
7. If necessary, select a Garmin PowerSwitch device and a switch.
8. Select an action:
   - To set the button to turn the switch on or off with each press, select **Toggle**.
   - To set the button to turn on the switch, select **Turn On**.
   - To set the button to turn off the switch, select **Turn Off**.
9. Select a button mode:
   - To set the button to activate with one touch, select **Normal**.
   - To set the button to activate only while touching the button, select **Momentary**.
   - To set the button to turn on and off repeatedly, select **Strobe**, and select time intervals.
10. If applicable, use the slider to set the brightness of lights.
11. Select .
12. If necessary, select **Add Action** to add additional actions for the button.
    You can add one action for every switch on the Garmin PowerSwitch device.

Arranging Buttons In a Custom Layout

1. From the Garmin PowerSwitch app, select a custom layout tab.
2. Select .
   The app enters editing mode.
3. On the button you want to move, hold , and drag the button to a new location.

Deleting a Custom Layout or Button

1. From the Garmin PowerSwitch app, select a custom layout tab.
2. Select .
   The app enters editing mode.
3. Select an option:
   - To delete a button, select on the button you want to delete.
   - To delete a layout tab, select on the layout tab.

Routines

Routines automate your Garmin PowerSwitch device. When you define a routine on your compatible Garmin navigation device, it turns switches on or off automatically when the conditions of the routine are met. For example, you can set a routine to turn on a switch at specific time each day or when your vehicle reaches a specific speed. Routines are available only when using a compatible Garmin navigation device.

Adding a Routine

1. From the Garmin PowerSwitch app, select > **Routines**.
2. If necessary, select **Add Routine**.
3. Select **When**.
4. Select a trigger:
   - To set a switch to trigger when your vehicle reaches a specific speed, select **Speed** > **Next**, and follow the on-screen instructions to enter speed thresholds.
   - To set a switch to trigger at a specific time each day, select **Time** > **Next**, and enter a time.
   - To set a switch to trigger at sunrise, select **Sunrise**.
   - To set a switch to trigger at sunset, select **Sunset**.
5. Select **Add Action**.
6. Select a device, a switch, an action, and a button mode.
7. If necessary, use the slider to adjust the dimmer.
8. Select **Save**.

Editing a Routine

1. From the Garmin PowerSwitch app, select > **Routines**.
2. Select on the routine you want to edit.
3. Select an option:
   - To change the trigger for the routine, select **When**, and select a trigger.
   - To change an action, select on the action you want to change, and update the action.
   - To add an action to the routine, select **Add Action**, and enter information about the action.
4. Select **Save**.

Deleting a Routine

1. From the Garmin PowerSwitch app, select > **Routines**.
2. Select on the routine you want to delete.

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.

Tips for Speaking to the Device

- Speak in a clear voice directed at the device.
- Start each request with *OK, Garmin*.
- Reduce background noise, such as voices or the radio, to help the device interpret your commands more accurately.
- Respond to voice prompts from the device as needed.
- If you do not receive a useful response, try rephrasing your request.
- If the device does not respond to your requests, verify it is not placed near a speaker or air vent, which can produce noise that interferes with the microphone.

Launching Garmin Voice-Activated Navigation

Garmin voice-activated navigation allows you to use plain language spoken requests to search for locations and addresses, start routes with turn-by-turn directions, place hands-free phone calls, and more.

- Say *OK, Garmin*, and make a spoken request.

  For example, you can say phrases like these:

  - *OK, Garmin, take me home.*
  - *OK, Garmin, where's the library?*

Checking Your Arrival Time

While a route is active, you can say a phrase to check your estimated time of arrival at your destination.

Say *OK, Garmin, what time will we arrive?*.

Placing a Phone Call Using Your Voice

You can use a voice command to call to a contact from the phone book of your paired smartphone.

Say *OK, Garmin, call*, and say the contact name.

For example, you can say *OK, Garmin, call Mom.*.

Changing Device Settings Using Your Voice

You can say phrases like these to set device settings to a value from 0 to 10.

- *OK, Garmin, increase the volume.*
- *OK, Garmin, set the volume to 0.*
- *OK, Garmin, set the volume to 9.*
- *OK, Garmin, decrease the brightness.*
- *OK, Garmin, set the brightness to 5.*

Settings

Phone Settings

Select > **Phone**, and select your phone.

Disconnect: Disconnects the paired phone.

Phone Name: Displays the name of the paired phone. You can select the name to change how it appears on your navigation device.

Garmin Drive: Indicates that the navigation device is connected to the Garmin Drive app on your phone.

Forget Device: Removes the connected device from the list of paired devices. This option is available only after a device is paired.

Wi-Fi Settings

The wireless network settings allow you to manage Wi-Fi networks.

Select > **Wi-Fi**.

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 Wireless Network*, page 38).

Connecting to a Wireless 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 > **Wi-Fi**.
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 wireless network.
5 If necessary, enter the password for the network, and select **Done**.

The device connects to the wireless network. The device remembers the network information and connects automatically when you return to this location in the future.

Map Settings

Select > **Map**.

Map Vehicle Icon: 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 Layers

Sets the data or features that appear on the map.
Waypoint Labels: Sets the size of waypoint labels on the map.

Waypoint Decluttering: Hides waypoint icons at high map zoom levels.

Auto Zoom: Automatically selects the zoom level for optimal use of your map. When disabled, you must zoom in or out manually.

Skip Next Stop Confirmation: Sets a confirmation message to appear when skipping a location on your route.

myMaps: Manages maps installed on the device.

Enabling Maps

You can enable map products installed on your device.

TIP: To purchase additional map products, go to garmin.com/maps.

1 Select > **Map** > **myMaps**.
2 Select a map.

Navigation Settings

Select > **Navigation**.

Calculation Mode: Sets recalculation preferences when navigating away from an active route.

Avoidances: Sets road features to avoid on a route.

Custom Avoidances: Allows you to avoid specific roads or areas.

Traffic: Sets options for traffic features (*Traffic Settings*, page 39).

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.

Traffic Settings

From the main menu, select > **Navigation** > **Traffic**.

Traffic: Enables the traffic feature.

Current Provider: Sets the 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 20).

Driver Assistance Settings

Select > **Driver Assistance**.

Driver Alerts: Allows you to enable or disable alerts for upcoming zones or road conditions (*Driver Awareness Features and Alerts*, page 8).

Speeding Alert: Alerts you when you are exceeding the speed limit.

Reduced Speed Tone: Alerts you when the speed limit decreases.

Country Border Alert: Displays a notification when crossing international borders.

Route Preview: Displays a preview of the major roads in your route when you start navigation.

Break Planning: Reminds you to take a break, and displays upcoming services 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 > **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.

Camera Settings

The camera settings allow you to manage paired Garmin cameras and camera settings. Settings in this menu only appear when a camera is connected to your Garmin DriveTrack device. See the manual for your compatible camera for more information about pairing a camera with your Garmin DriveTrack device.

Display Settings

Select > **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.

Automatic Standby

Sets the device to go into sleep mode when it is idle while connected to external power.

Screenshot: Allows you to take a picture of the device screen. Screenshots are saved in the Screenshot folder of the device storage.

System Settings

Select ⚙ > **System**.

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.

Units: Sets the unit of measure used for distances.

Current Time: Sets the device time.

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

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

Device and Privacy Settings

Select ⚙ > **Device**.

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

Screen Lock: Sets options to require a Personal Identification Number (PIN) each time you turn on the navigator (*Enabling the Screen Lock*, page 40).

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.

Software Licenses: Displays software licensing information.

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 Trip History feature, and use myTrends suggested routes.

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

Enabling the Screen Lock

To prevent unauthorized use of your device, you can enable the Screen Lock feature, which requires a Personal Identification Number (PIN). When enabled, you must enter the PIN to unlock the screen each time you turn on the device.

NOTICE

If you enable the Screen Lock feature, Garmin Support cannot retrieve the PIN or access your device. It is your responsibility to provide the PIN to anyone authorized to use the navigator.

1. Select ⚙ > **Device** > **Screen Lock**.
2. Select an option:
   - To enable the screen lock and set a new PIN, select **Require PIN**, and enter a PIN number.
   - To change your PIN number, select **Change PIN**, and enter a PIN number.
   - To disable the screen lock, clear the **Require PIN** check box.

Resetting Data and Settings

The device offers several options for deleting your user data and resetting all settings to the factory default values.

1. Select > **Device** > **Reset**.
2. Select an option:
   - To clear your travel history, select **Clear Travel History**.

     This option deletes all records of the places you have traveled. It does not delete saved locations or installed maps.
   - To reset all settings to the factory default values, select **Reset Default Settings**.

     This option does not delete any user data.
   - To delete all user data and reset all settings to the factory default values, select **Delete Data and Reset Settings**.

     This option deletes all user data, including your saved locations, recently found locations, and travel history. Installed maps are not deleted.

Restoring Settings

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

1. Select .
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

Operating temperature range	From -20° to 55°C (from -4° to 131°F)
Charging temperature range	From 0° to 45°C (from 32° to 113°F)
Power input	Vehicle power using the included vehicle power cable. AC power using an optional accessory (for home and office use only).
Battery type	Rechargeable lithium-ion
Wireless frequencies	2400 – 2483,5 MHz: < 20 dBm 5150 – 5250 MHz < 23 dBm 5725 – 5850 MHz < 20 dBm
EU SAR	< 0,386 W/kg trunk, < 0,557 W/kg limb

Device Maintenance

Garmin Support Center

Go to support.garmin.com for help and information, such as product manuals, frequently asked questions, videos, and customer support.

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 Wireless Network*, page 38).

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

2. Select > **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 44).

   For the best results, a USB wall charger that provides at least 2 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.

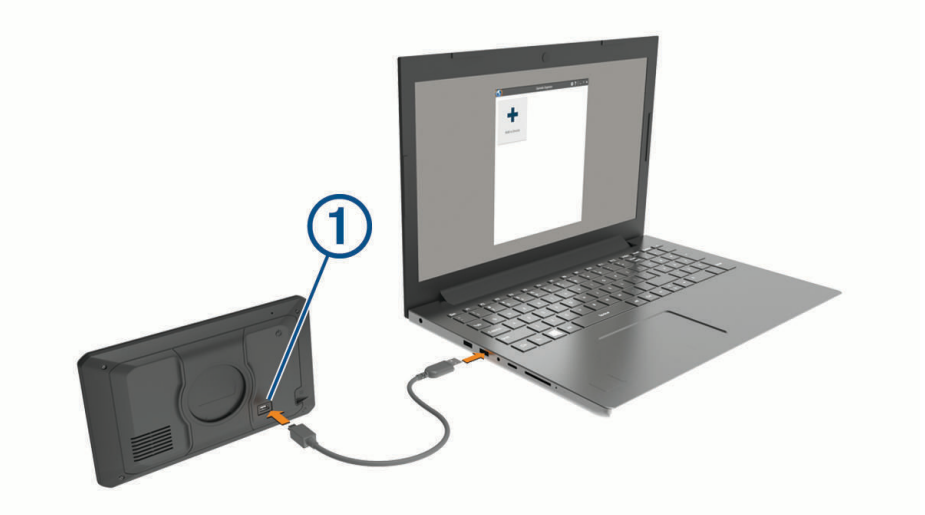
TIP: If a map update is interrupted or canceled before it completes, your device may be missing map data. To repair missing map data, you must update the maps again using either Wi-Fi or Garmin Express.

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 44).
2. Open the Garmin Express application.
3. Connect your device to your computer using a USB cable.

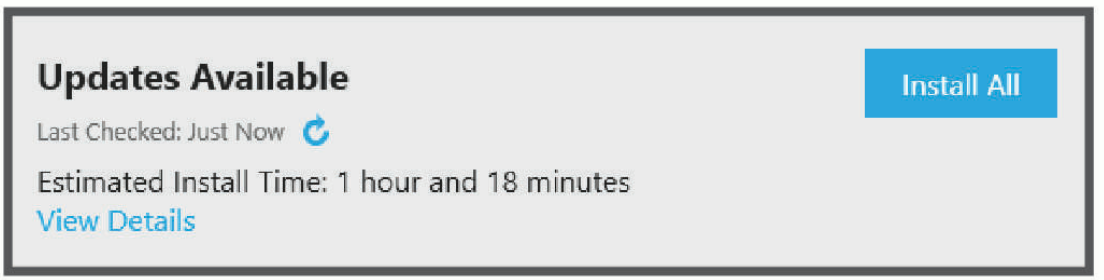
   The small end of the cable connects to the USB port ① on your Garmin DriveTrack device, and the large end connects to an available USB port on your computer.



4. From your Garmin DriveTrack device, select **Tap to Connect to Computer**.
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 53).
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.

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 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 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.
Do not expose the device to water.

Cleaning the Outer Casing

NOTICE
Avoid chemical cleaners and solvents that can damage plastic components.

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

Cleaning the USB Port

1. Turn off the device and disconnect the device from power.
2. Clean the USB port using a soft, clean, lint-free cloth or cotton swab.
   NOTE: If necessary, you can lightly dampen the cloth or cotton swab with isopropyl alcohol.
3. Allow the device to dry completely before you connect it to power.

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.

Restarting the Device

You can restart your device if it stops functioning.

Hold the power button for 12 seconds.

Removing the Device, Mount, and 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.

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.

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 Considerations*, page 2).

My device is not acquiring satellite signals

- Verify the GPS simulator is turned off (*Navigation Settings*, page 38).
- 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

- 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.
- In the vehicle fuse box, verify the fuse for the vehicle power outlet is not broken.

My battery does not stay charged for very long

- Decrease the screen brightness (*Display Settings*, page 39).
- Shorten the display timeout (*Display Settings*, page 39).
- Decrease the volume (*Adjusting the Volume*, page 6).
- Turn off Wi-Fi technology when it is not in use (*Connecting to a Wireless Network*, page 38).
- Put the device in power saving mode when not in use (*Turning the Device On or Off*, page 4).
- Keep your device away from extreme temperatures.
- Do not leave your device in direct sunlight.

My device does not connect to my phone

- Select > **Phone**, and verify that your phone is paired with the navigator.
- 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.
- Restart your phone.
- Complete the pairing process again.

  To repeat the pairing process, you must unpair your phone and device (*Deleting a Paired Phone*, page 28), and complete the pairing process.

Appendix

Viewing GPS Signal Status

Hold for three seconds.

Garmin PowerSwitch

⚠ WARNING

Garmin strongly recommends having an experienced installer with the proper knowledge of electrical systems install the device. Incorrectly wiring the power cable can result in damage to the vehicle or the battery and can cause bodily injury.

You can use a connected Garmin PowerSwitch device to control lights, fans, and more from your Garmin DriveTrack device.

Mounting Considerations

- The device must be mounted close to the battery and within the range of the supplied power cable.
- The mounting surface must be strong enough to support the weight of the device.
- The location must allow room for the routing and connection of all cables.

Mounting the Device

Before you can mount the device, you must select a mounting location and purchase the appropriate hardware for your mounting surface.

NOTICE

Avoid wires, gauges, air bags, air bag covers, HVAC, and other items when drilling pilot holes and attaching the mount to the vehicle. Garmin is not responsible for any damages or consequences arising from the installation.

1 Place the mount on the selected location.

2 Using the mount as a template, mark the two screw locations ①.

3 Drill pilot holes (optional).

For some types of mounting material, drilling pilot holes is necessary. Do not drill through the mount.

4 Securely fasten the mount to the surface using the appropriate hardware for your mounting surface.

Opening the Front Cover

You must open the front cover to make electrical connections.

1 Lift the front cover latch ① and rotate it counter-clockwise.

2 Pull the front cover off of the device.

Connecting Accessories

NOTICE

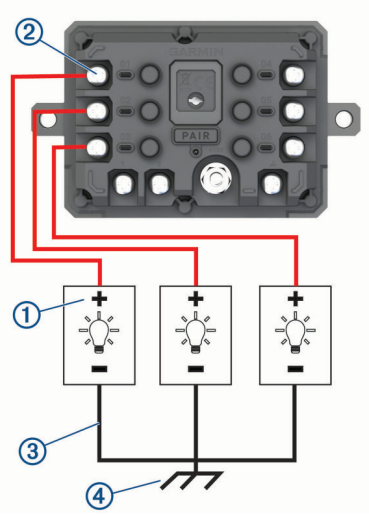
Do not use the device to control or power a winch. Failure to follow this notice could cause damage to your vehicle or your device.

Do not connect a power source to an accessory output terminal. Failure to follow this notice could cause damage to your vehicle or your device.

Accessory requirements:

- Verify the amperage rating of each accessory before wiring it to the Garmin PowerSwitch device. The device supports accessories up to 30 A for each channel and a maximum of 100 A for the entire system.
- Use 10 AWG (6 mm^2) wires for accessories that use 20 to 30 A.
- Use 12 AWG (4 mm^2) wires for accessories that use 10 to 20 A.
- Use 14 AWG (2.5 mm^2) wires for accessories that use less than 10 A.
- Use the appropriate size terminals for all accessory connections.
- Crimp all terminal connectors securely.

1 Connect the positive wire from the accessory ① to one of the accessory terminals ② on the Garmin PowerSwitch device.



2 Connect the negative or ground wire ③ to an unpainted ground stud ④ on the vehicle frame, to a ground distribution block, or directly to the negative terminal on the battery.

⚠ CAUTION

Do not connect the accessory ground wires to the ground terminal (GND) on the Garmin PowerSwitch device, as doing so could result in personal injury or property damage, or could negatively impact device functionality.

3 Verify that all electrical connections are tight and will not come loose during use.

Connecting a Control Input

You can connect to the control terminals to enable the Garmin PowerSwitch device to turn on customizable outputs. For example, you can connect your vehicle ignition switch to a control input terminal to turn on accessories automatically each time you start your vehicle. The control terminals detect a signal from 3.3 V to 18 V. You can configure output functions with the Garmin PowerSwitch app.

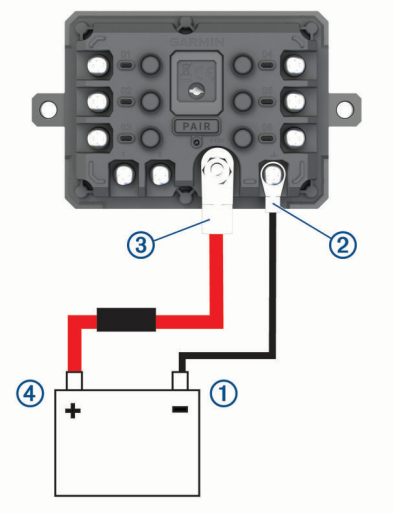
Connect the control wire from the control source in your vehicle to one of the two control terminals on the Garmin PowerSwitch device.

Connecting the Device to Vehicle Power

Before you can connect the device to vehicle power, you must remove the warning tag from the +12V terminal on the device.

You should always confirm all electrical connections are secure and will not come loose while operating the device.

1 Connect the large ring end of the included ground wire ① to the negative terminal on the vehicle battery.



2 Connect the small ring end of the ground wire to the **GND** terminal ② on the device.

3 Connect the small ring end of the included 12V cable to the **+12V** terminal ③ on the device.

4 Tighten the $^{3}/_{8}$ in. nut on the +12V terminal to a maximum torque specification of 4.52 N-m (40 lbf-in.).

You should confirm the nut cannot be loosened by hand.

NOTICE

Do not overtighten the +12V terminal to prevent damage to the terminal.

5 Connect the large ring end of the 12V cable ④ to the positive terminal on the vehicle battery.

Pairing with a Garmin Navigation Device

You can pair your Garmin PowerSwitch device with a compatible Garmin navigation device.

1 Turn on power to your Garmin PowerSwitch device, and place your compatible Garmin navigation device within 1 m (3.3 ft.) of it.

2 On your compatible navigation device, open the Garmin PowerSwitch app.

3 Follow the on-screen instructions to 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.

Garmin PowerSwitch Specifications

Dimensions (D x W x H)	75 x 125 x 32 mm (2.95 x 4.92 x 1.26 in.)
Operating temperature range	From -25° to 85°C (from -13° to 185°F)
Wireless frequency	2.4 GHz @ +15 dBm
Power input	From 12 to 16 V using the included vehicle power cable.
Maximum accessory output	30 A
Maximum system output	100 A
Current draw with all outputs off	3 mA
Water rating	IEC 60529 IPX7[1]

Troubleshooting

My Garmin PowerSwitch will not stay connected

- Verify the Garmin PowerSwitch device is receiving power.
- Verify that Bluetooth technology is enabled on your paired navigation device or smartphone.
- Move the navigation device or smartphone closer to your Garmin PowerSwitch device.
- Verify that your vehicle's battery is supplying at least 12 V of power.

  The Garmin PowerSwitch device turns off all outputs automatically to preserve your vehicle's battery if it is receiving less than 11 V of power (*My accessories are not receiving power*, page 51).

My accessories are not receiving power

- Verify the Garmin PowerSwitch device is receiving power from the vehicle battery.
- Verify that your vehicle's battery is supplying at least 12 V of power.

  The Garmin PowerSwitch device turns off all outputs automatically to preserve your vehicle's battery if it is receiving less than 11 V of power. Outputs turn back on when the device detects more than 12 V of power.
- Verify that all electrical connections are secure and will not come loose while operating the vehicle.
- Verify that each connected accessory draws less than 30 A.

  If an accessory draws more than 30 A, the device turns off that output automatically.
- Verify that the total system load is less than 100 A.

  If the device detects a system load of more than 100 A, it turns off all outputs automatically.
- Inspect all electrical connections for an electrical short circuit.

Wireless Cameras

NOTICE

Some jurisdictions regulate or prohibit the use of attached cameras or camera accessories. It is your responsibility to know and comply with applicable laws and rights to privacy in jurisdictions where you plan to use this device.

Your device can display the video feed from one or more connected wireless cameras (sold separately).

[1] The device withstands incidental exposure to water of up to 1 m for up to 30 min. For more information, go to www.garmin.com/waterrating.

Pairing a BC™ 50 Camera with a Garmin Navigation Device

You can pair the BC™ 50 camera with a compatible Garmin navigation device. Go to garmin.com/backupcamera for more information about device compatibility.

1 Update your navigation device to the latest software.

Your device may not support the BC™ 50 camera without the latest software. For more information about updating the device software, see the owner's manual for your navigation device.

2 Select > **Cameras** > **Add New Camera**.

3 Follow the on-screen instructions to finish pairing and setting up the camera.

After you complete the pairing process with a camera for the first time, it connects automatically to the Garmin navigation device when power is applied.

Viewing the Backup Camera

⚠ WARNING

This device is intended to enhance your situational awareness when used properly. If used improperly, you could become distracted by the display, which could lead to an accident causing serious personal injury or death. Only access the information displayed on the device with a glance. Always maintain awareness of your surroundings and do not stare at the display or become distracted by the display. Focusing on the display could prevent you from avoiding obstacles or hazards.

After you pair your camera with a compatible Garmin navigation device, the camera view appears automatically when you turn on your navigation device, and you can manually show the camera at any time.

- If your navigation device is connected to an ignition-switched power outlet (recommended), turn on your vehicle.
- If your navigation device is connected to an always-on power outlet, turn on the navigation device.
- To show the camera manually, select .
- To show or hide the camera using voice commands, say **Show Video** or **Hide Video**.

  NOTE: Voice commands are not available on all navigation devices. The voice commands may vary based on your navigation device model. This feature is not available for all languages or may require additional navigation device setup for some languages. For more information, see the OK, Garmin app on your navigation device, or the navigation device owner's manual.

The camera view appears. When the camera detects the vehicle is moving forward, the camera automatically stops sending video, and the navigation device returns to normal operation. The camera video is dismissed automatically after 2 minutes and 30 seconds, whether or not your vehicle has moved forward.

Switching Cameras

When multiple backup cameras are transmitting to your device, you can switch between the views from the cameras.

From the camera view, select an option:

- Select .
- Tap the screen, and select a camera at the bottom of the screen.

The video feed from the camera appears.

Changing the Camera Orientation

Depending on where the camera is placed on your vehicle, the video on your device may appear upside down or mirrored by default. You can rotate the video horizontally or flip the video vertically to correct the video.

1 From the camera view, select an option:

- Select > **Adjust Video**.
- Tap the screen, and select .

2 Select to reverse the image or to flip the image.

3 Select .

Data Management

The device has a memory card slot for additional data storage.

NOTE: The device is compatible with Windows 7 and newer, and Mac OS 10.7 and newer.

About Memory Cards

You can purchase memory cards from an electronics supplier, or purchase pre-loaded Garmin mapping software (www.garmin.com). Memory cards can be used to store files such as maps and custom POIs.

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. The device supports microSD memory cards from 4 to 256 GB. Memory cards must use the FAT32 file system format. Memory cards greater than 32 GB must be formatted using the device.

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

Connecting the Device to Your Computer

You can connect the device to your computer using a USB-C cable.

1. Plug the USB-C cable into the port on the device.
2. Plug the other end of the cable into a port on your computer.
3. From your Garmin DriveTrack device, select **Tap to Connect to Computer**.

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.

NOTE: Mac computers do not detect the device by default. You must use Garmin Express software to interact with files on your device.

Transferring Data From Your Computer

1. Connect the device to your computer (*Connecting the Device to Your Computer*, page 53).

   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.
3. Select a file.
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.
6. Select **Edit** > **Paste**.

Purchasing Additional Maps

1. Go to your device product page at garmin.com.
2. Click the **Maps** tab.
3. If necessary, select a continent and a map type.
4. Select a map.
5. Follow the on-screen instructions.

Purchasing Accessories

- Optional accessories are available at garmin.com or from your Garmin dealer.