GARMIN®

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Owner's Manual

[redacted]

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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.

Installing the Battery

1 Rotate the battery cover D-ring counter-clockwise and remove the battery cover.

[redacted]

2 Locate the lithium-ion battery in the product box.

3 If ne[redacted]

4 Insert the battery with its cable on top.

5 Insert the battery connector ② into the battery port ③.

[redacted]

6 Close the battery cover and secure the battery cover D-ring.

Mounting Your Device in a Motorcycle

About the Powered Mount Cables

⚠ 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.

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

The device must be mounted in a suitable and secure location on your motorcycle, based on available power sources and safe cable routing.

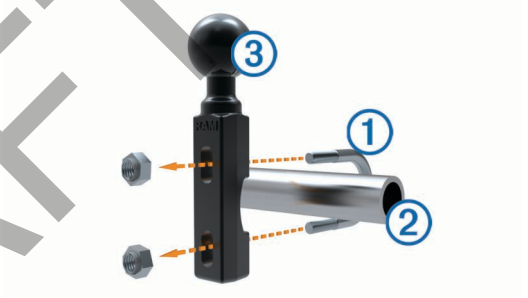
①	Motorcycle cradle
②	Bare wires with inline fuse for power connection (to motorcycle power)

Installing the Handlebar Base

The device includes parts for two handlebar installation solutions. Custom mounts can require additional hardware (http://www.ram-mount.com).

Installing the U-bolt and Handlebar Base

1 Place the U-bolt ① around the handlebar ②, and thread the ends through the handlebar base ③.

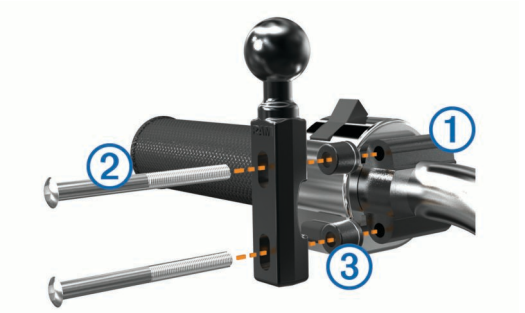


2 Tighten the nuts to secure the base.

NOTE: The recommended torque is 50 lbf-in (5.65 N-m). Do not exceed torque of 80 lbf-in (9.04 N-m).

Installing the Handlebar Base to the Clutch-Clamp or Brake-Clamp Brackets

1 Remove the two factory bolts on your clutch-clamp or brake-clamp bracket ①.



NOTE: Both 1/4 in. standard and M6 bolts are included. Match the size of the factory bolts on your clutch-clamp or brake-clamp bracket.

2 Thread the new bolts ② through the handlebar base, spacers ③, and clutch-clamp or brake-clamp bracket.

3 Tighten the bolts to secure the base.

Attaching the Base Plate to the Motorcycle Mount

NOTICE

Direct, sustained contact with the base plate, or any part of the motorcycle, may damage the mount over time. To prevent this kind of damage, you must place the mounting spacers between

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the mount and base plate, and make sure that no part of the device or mount touches the motorcycle.

1 Thread the M4 x 40 mm panhead screws ① through the washers ②, cradle, spacers ③, and base plate ④.

2 Tighten the nuts to secure the base plate.

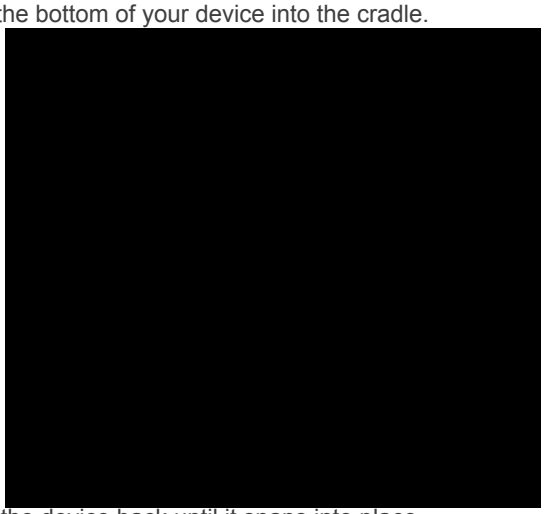
Attaching the Base Plate to the Handlebar Base

1 Align the ball of the handlebar base ① and the ball of the base plate ② with each end of the double-socket arm ③.

2 Insert each ball into the double-socket arm.
3 Tighten the knob slightly.
4 Adjust for optimal viewing and operation.
5 Tighten the knob to secure the mount.

Installing Your Device in the Motorcycle Mount

1 Fit the bottom of your device into the cradle.



2 Tilt the device back until it snaps into place.
3 If the latch on top of the mount stays up after you insert the device, press it down.

Mounting Your Device in an Automobile

NOTICE

Before mounting the device, check the local laws pertaining to windshield mounting.

⚠ 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.

Do not use the suction cup mount on a motorcycle.

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

1 Plug the automotive power cable ① into the connector ② on the mount.

2 Remove the clear plastic from the suction cup.
3 Clean and dry your windshield and the suction cup with a lint-free cloth.
4 Press the suction cup ③ to the windshield, and flip the lever ④ back toward the windshield.
5 Snap the cradle ⑤ onto the suction cup arm.
6 Fit the bottom of your device into the cradle.
7 Tilt the device back until it snaps into place.
8 Plug the other end of the automotive power cable into a power outlet.

Removing Your Device from the Motorcycle Mount

1 Press the release button on the side of the mount.
2 Lift out the device.

Support and Updates

Garmin Express™ provides easy access to these services for Garmin devices. Some services may not be available for your device.

- Product registration
- Product manuals
- Software updates
- Map updates
- Vehicles, voices, and other extras

Setting Up Garmin Express

1 Connect the device to your computer using a USB cable.
2 Go to www.garmin.com/express.
3 Follow the on-screen instructions.

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nüMaps Guarantee™

Your device may be eligible for a free map update within 90 days of first acquiring satellites while driving. Go to www.garmin.com/numaps for terms and conditions.

About nüMaps Lifetime™

Models with "LM" after the model number include subscriptions to nüMaps Lifetime, which provides quarterly map updates for the life of your device. For terms and conditions, go to http://www.garmin.com/numapslifetime.

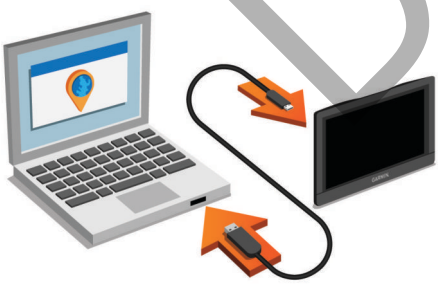
NOTE: If your device does not include a subscription to nüMaps Lifetime, you can purchase one at http://www.garmin.com/numapslifetime.

Updating Maps and Software with Garmin Express

You can use Garmin Express software to download and install the latest map and software updates for your device. Map updates provide the latest available mapping data to ensure your device continues to calculate accurate and efficient routes to your destinations. Garmin Express is available for Windows® and Mac® computers.

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

2 Select an option:
   - To install on a Windows computer, select **Download for Windows**.
   - To install on a Mac computer, select **Mac Version**.
3 Open the downloaded file, and follow the on-screen instructions to complete the installation.
4 Start Garmin Express.
5 Connect your Garmin device to your computer using a USB cable.

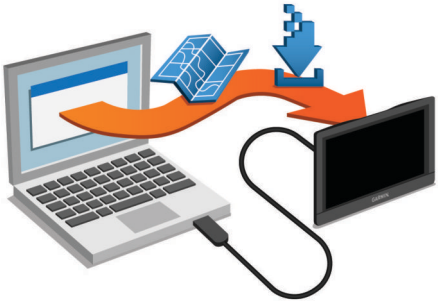


The Garmin Express software detects your device.

6 Enter an email address for product registration (optional).
7 Click **save device**.
8 Click **check for updates**.

A list of available map and software updates appears.

9 Select the updates to install.
10 Click **Install Now**.



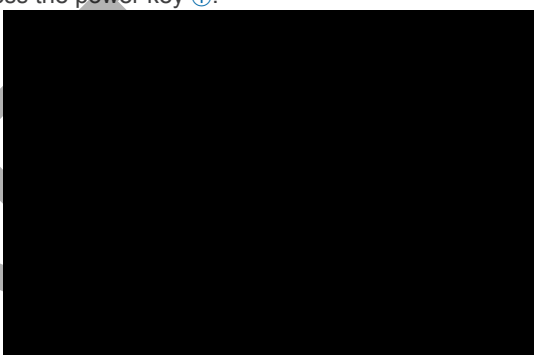
The Garmin Express software downloads and installs the updates onto your device. Map updates are very large, and this process may take a long time on slower Internet connections.

Entering and Exiting Sleep Mode

You can use sleep mode to conserve battery power when your device is not in use. While in sleep mode, your device uses very little power and can wake instantly for use.

TIP: You can charge your device faster by putting it in sleep mode while charging the battery.

Press the power key ①.



Turning Off the Device

1 Hold the power key until a prompt appears on the screen.

The prompt appears after five seconds. If you release the power key before the prompt appears, the device enters sleep mode.

2 Select **Off**.

Resetting the Device

You can reset your device if it stops functioning.

Hold the power key for 12 seconds.

Adjusting the Screen Brightness

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

Adjusting the Volume

Before you can adjust the volume, you must connect your device to a powered mount or a headset using Bluetooth® wireless technology.

1 Select **Volume**.
2 Select an option:
   - Use the slider bar to adjust the volume.
   - Select to mute the device.
   - Select for additional options.

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

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device. You can select some icons to change settings or view additional information.

	GPS signal status
[redacted]	
	Transportation mode indicator
9:10	Current time
	Battery status
[redacted]	
53 °F	Temperature

Acquiring GPS Signals

To navigate with your device, you must acquire satellites. in the status bar indicates the satellite signal strength. Acquiring satellites can take several minutes.

1 Turn on the device.
2 Wait while the device locates satellites.
3 If necessary, go outdoors to an open area, away from tall buildings and trees.

Viewing GPS Signal Status

Hold for three seconds.

Transportation Modes

Routing and navigation are calculated differently based on your transportation mode. The current transportation mode is indicated by an icon in the status bar.

	Automobile mode
	Motorcycle mode
	Off-road mode

Choosing a Transportation Mode

Select .

Battery Information

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

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

Setting the Time

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

Using the On-Screen Buttons

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

Using the On-Screen Keyboard

See "Language and Keyboard Settings" to change the keyboard layout (Language and Keyboard Settings).

- Select to delete a search entry.
- Select to delete a character.
- Select to change the keyboard language mode.
- Select &?% to enter special characters, such as punctuation marks.
- Select to change character capitalization.

About Shortcuts

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 the shortcut to remove.
3 Select the shortcut again to confirm.

Finding Locations

Locations

The detailed maps loaded in your device contain locations, such as restaurants, hotels, auto services, and detailed street information. You can use categories to browse for nearby businesses and attractions. You can also search for addresses, coordinates, cities, and intersections.

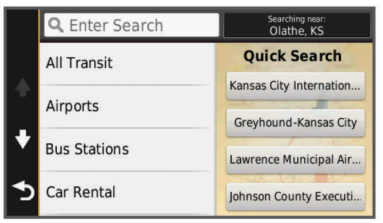
Finding a Location by Category

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

Searching Within a Category

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

1 Select **Where To?**.
2 Select a category, or select **Categories**.
3 Select a category.
4 If applicable, select a destination from the Quick Search list.



5 If necessary, select the appropriate destination.

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 **Enter 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 street number and street name.
   - To search for an address in another city, enter the street number, street name, city, and state.

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- 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.

Changing the Search Area

1 From the main menu, select **Where To?**.
2 Select **Searching Near**.
3 Select an option.

Search Tools

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

Finding an Address

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

1 Select **Where To?** > **Address**.
2 Enter the address number, and select **Done**.
3 Enter the street name, and select **Next**.
4 If necessary, select **Searching Near** to change the city, state, or province.
5 If necessary, select the city, the state, or the province.
6 If necessary, select the address.

Finding an Intersection

1 Select **Where To?** > **Categories** > **Intersections**.
2 Select an option:
- Select a state or province.
- To change the country, state, or province, select **State or Country**, and enter a name.

3 Enter the first street name, and select **Next**.
4 If necessary, select the street.
5 Enter the second street name, and select **Next**.
6 If necessary, select the street.
7 If necessary, select the intersection.

Finding a City

1 Select **Where To?** > **Categories** > **Cities**.
2 Select **Enter Search**.
3 Enter a city name, and select 🔍.
4 Select a city.

Finding a Location Using Coordinates

You can find a location using latitude and longitude coordinates. This can be helpful when geocaching.

1 Select **Where To?** > **Categories** > **Coordinates**.
2 If necessary, select 🔧, and change the coordinate format or datum.
3 Select the latitude coordinate.
4 Enter the new coordinate, and select **Done**.
5 Select the longitude coordinate.
6 Enter the new coordinate, and select **Done**.
7 Select **View on Map**.

Finding a Location by Browsing the Map

Before you can find places included in the map data, such as restaurants, hospitals, and fuel stations, you must enable the map layer for places along the road (Customizing the Map Layers).

1 Select **View Map**.
2 Drag and zoom the map to display the area to search.
3 If necessary, select 🔍, and select a category icon to view only a specific category of places.

   Location markers (📍 or a blue dot) appear on the map.

4 Select an option:
- Select a location marker.
- Select a point, such as a street, intersection, or address location.

5 If necessary, select the location description to view additional information.

Saving a Home Location

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

1 Select **Where To?** > ☰ > **Set Home Location**.
2 Select **Enter My Address**, **Use Current Location**, or **Recently Found**.

The location is saved as "Home" in the Saved menu.

Going Home

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

Editing Your Home Location Information

1 Select **Where To?** > **Saved** > **Home**.
2 Select ℹ.
3 Select ☰ > **Edit**.
4 Enter your changes.
5 Select **Done**.

Finding Recently Found Destinations

Your device stores the last 50 destinations you have found.

1 Select **Where To?** > **Recent**.
2 Select a location.

Clearing the List of Recently Found Locations

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

Finding Parking

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

Setting a Simulated Location

If you are indoors or not receiving satellite signals, you can use the GPS to set a simulated location.

1 Select **Settings** > **Navigation** > **GPS Simulator**.
2 From the main menu, select **View Map**.
3 Tap the map twice to select an area.

   The address of the location appears at the bottom of the screen.

4 Select the location description.
5 Select **Set Location**.

Saving Locations

Saving a Location

1 Search for a location (Finding a Location by Category).
2 From the search results, select a location.
3 Select ℹ.
4 Select **Save**.

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5 If necessary, enter a name, and select **Done**.

Saving Your Current Location

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

Starting a Route to a Saved Location

1 Select **Where To?** > **Saved**.
2 If necessary, select a category, or select **All Saved Places**.
3 Select a location.
4 Select **Go!**.

Editing a Saved Location

1 Select **Where To?** > **Saved**.
2 If necessary, select a category.
3 Select a location.
4 Select ⓘ.
5 Select ☰ > **Edit**.
6 Select an option:
   - Select **Name**.
   - Select **Phone Number**.
   - Select **Categories** to assign categories to the saved location.
   - Select **Change Map Symbol** to change the symbol used to mark the saved location on a map.
7 Edit the information.
8 Select **Done**.

Assigning Categories to a Saved Location

You can add custom categories to organize your saved locations.

NOTE: Categories appear in the saved locations menu after you have saved at least 12 locations.

1 Select **Where To?** > **Saved**.
2 Select a location.
3 Select ⓘ.
4 Select ☰ > **Edit** > **Categories**.
5 Enter one or more category names, separated by commas.
6 If necessary, select a suggested category.
7 Select **Done**.

Sharing a Saved Location

If you save the location of a business that is not in the map data, you can share the location with Garmin so that it can be added to future map updates and shared with the Garmin community.

1 Select **Where To?** > **Saved**.
2 If necessary, select a category.
3 Select a location.
4 Select ⓘ.
5 Select ☰ > **Share**.

Sending a Location to the Device

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

1 Connect your device to your computer (Connecting the Device to Your Computer).
2 If necessary, install the Garmin Communicator Plugin.
   NOTE: Go to www.garmin.com/communicator for more information.
3 On your computer, find a location on a supported website.
4 From the website, select **Send to GPS**.
   NOTE: Some websites may use a different button or link.
5 Follow the on-screen instructions.

Deleting a Saved Location

NOTE: Deleted locations cannot be recovered.

1 Select **Where To?** > **Saved**.
2 Select ☰ > **Delete Saved Places**.
3 Select the box next to the saved locations to delete, and select **Delete**.

Navigation

Starting a Route

1 Search for a location (Locations).
2 Select a location.
3 Select **Go!**.

Changing the Route Calculation Mode

The route calculation is based on road speeds and vehicle acceleration data for a given route. The calculation mode affects only automobile routes.

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

Previewing Multiple Routes

1 Search for a location (Finding a Location by Category).
2 From the search results, select a location.
3 Select **Routes**.
4 Select a route.

Starting a Route to a Saved Location

1 Select **Where To?** > **Saved**.
2 If necessary, select a category, or select **All Saved Places**.
3 Select a location.
4 Select **Go!**.

[redacted]

Your Route on the Map

NOTICE

The speed limit feature is for information only and does not replace your responsibility to abide by all posted speed limit signs and to use safe driving judgment at all times. Garmin will

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not be responsible for any traffic fines or citations you receive for failing to follow all applicable traffic laws and signs.

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

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

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

Using the Map

1 Select **View Map**.
2 Select anywhere on the map.
3 Select an option:
   - To zoom in or out, select ✚ or ▬.
   - To switch between North Up and 3-D views, select ⮝.
   - To view specific categories, select 🔍.

Adding a Point to a Route

Before you can add a point, you must be navigating a route.

1 From the map, select ↩ > **Where To?**.
2 Search for a location.
3 Select a location.
4 Select **Go!**.
5 Select **Add to Active Route**.

Skipping a Point in Your Route

If you decide not to go to the next point in your route, you can skip the point. This prevents the device from attempting to route you back to the missed point. This feature is not available if the next point is your final destination.

From the map, select ☰ > **Change Route** > **Skip Destination**.

Taking a Detour

Before you can take a detour, you must be navigating a route and you must add the change route tool to the map tools menu (Customizing the Map Tools).

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 ☰ > **Change 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**.

Stopping the Route

From the map, select ☰ > ⊗.

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).

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.

About Up Ahead

You can view upcoming businesses and services along your route or the road on which you are traveling.

Services are listed under tabs by category.

⛽	Gas
🍴	Food
🛏	Lodging
🚻	Restrooms
P	Parking
$	Banks and ATMs

Finding Upcoming Points of Interest

1 From the map, select ☰ > **Up Ahead**.
2 Select a tab.
3 Select a point of interest.

Avoiding Road Features

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

About Custom Avoidances

Custom avoidances allow you to avoid specific areas and sections of road. You can enable and disable custom avoidances as needed.

Avoiding an Area

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

Avoiding a Road

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

Disabling a Custom Avoidance

You can disable a custom avoidance without deleting it.

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

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Deleting Custom Avoidances

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

Navigating Off Road

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

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

Map Pages

Customizing the Map

Customizing the Map Layers

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

1 Select **Settings** > **Map & Vehicle** > **Map Layers**.
2 Select the layers to include on the map, and select **Save**.

Viewing the Trip Log

Your device keeps a trip log, which is a record of the path you have traveled.

1 Select **Settings** > **Map & Vehicle** > **Map Layers**.
2 Select the **Trip Log** check box.

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.
3 Select **Save**.

Changing the Map Perspective

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

Viewing Route Activity

Viewing a List of Turns

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

1 While navigating a route, select the text bar on the top of the map.
2 Select a turn.
   The details for the turn appear. If available, an image of the junction appears for junctions on major roadways.

Viewing the Entire Route on the Map

1 While navigating a route, select the navigation bar at the top of the map.
2 Select ☰ > **Map**.

Viewing the Next Turn

While navigating a route, a preview of the next turn, lane change, or other maneuver appears in the upper-left corner of the map.

The preview includes the distance to the turn or maneuver and the lane in which you should be traveling, if available.

From the map, select 0.8 to view the next turn on the map.

Viewing Junctions

While navigating a route, you can view the junctions on major roadways. When you approach a junction in a route, the image of that junction appears briefly, if available.

From the map, select 0.8 to view the junction, if available.

Viewing Traffic Alerts

While navigating a route, a traffic alert may appear in the navigation bar.

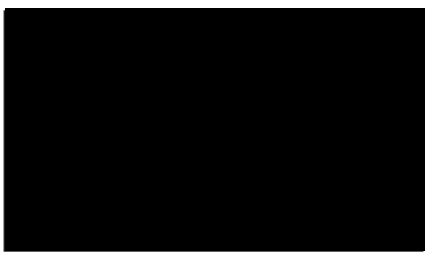
Select the alert to view more information.

Viewing the Trip Information Page

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

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

From the map, select **Speed**.



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 Trip Data** to reset the information on the trip computer.
   - Select **Reset Max. Speed** to reset the maximum speed.

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- Select **Reset Trip B** to reset the odometer.

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 Nearby Services

You can use the Where Am I? page to find nearby services, such as fuel, hospitals or police stations.

1. From the map, select the vehicle.
2. Select a category.

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**.

Using the Apps

Using Help

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

Searching Help Topics

Select **Apps** > **Help** > 🔍.

Planning a Trip

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

1. Select **Apps** > **Trip Planner**.
2. Select **New Trip**.
3. Select **Select Start Location**.
4. Search for a location (Finding a Location by Category).
5. Select **Select**.
6. To add additional locations, select ✚.
7. Select **Next**.
8. Select **Save**.
9. Enter a name, and select **Done**.

Scheduling a Trip

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

1. Select **Apps** > **Trip Planner**.
2. Select a trip.
3. Select a location.

4 Select an option:
   - Select **Departure Time**.
   - Select **Arrival Time**.
5 Select a date and time, and select **Save**.
6 Select **Duration**.
7 Select the amount of time you will spend at the location, and select **Save**.
8 If necessary, repeat steps 3–7 for each location.

Changing Transportation Modes in a Trip

You can change the transportation modes used to travel in a saved trip.

1 Select **Apps** > **Trip Planner**.
2 Select a trip.
3 Select ☰ > **Transportation Mode**.
4 Select a transportation mode.
5 Select **Save**.

Navigating to a Saved Trip

1 Select **Apps** > **Trip Planner**.
2 Select a saved trip.
3 Select **Go!**.
4 Select your next destination, and select **Start**.

Editing a Saved Trip

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

Tracks

A track is a recording of your path. The track log contains information about the recorded path, including time, location, and elevation information.

Viewing Track Information

1 Select **Apps** > **Tracks** > **Active**.
2 Select a track.
   The track is displayed on the map.

3 Select ☰.
4 Select an option:
   - To save the track, select **Save Track**.
   - To save the track as a trip, select **Save as Trip**.
   - To view an elevation plot of the track, select **Elevation Profile**.

TracBack®

Following Your Recent Track

The TracBack feature records a track of your recent movement. You can retrace your recent track back to where you started.

1 Select **Apps** > **TracBack**.
   Your recent track appears on the map.
2 Select **Go!**.

Saving Your Recent Track as a Trip

You can save your recent track as a trip, which you can navigate later using the trip planner (Navigating to a Saved Trip).

1 Select **TracBack**.
   Your recent track appears on the map.
2 Select ☰ > **Save as Trip**.
3 Enter a name, and select **Done**.

Using the Compass

NOTE: You must be moving for the compass to determine your direction.

You can navigate using a GPS compass.

Select **Apps** > **Compass**.

Finding Your Last Parking Spot

When you disconnect the device from vehicle power while the device is on, your current location is saved as a parking spot.

Select **Apps** > **Last Spot**.

Viewing Previous Routes and Destinations

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

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

Select **Apps** > **Where I've Been**.

Logging Service History

You can log the date and odometer reading when service or maintenance is performed on your vehicle. The device provides several service categories, and you can add custom categories (Adding Service Categories).

1 Select **Apps** > **Service History**.
2 Select a service category.
3 Select **Add Record**.
4 Enter the odometer reading, and select **Next**.
5 Enter a comment (optional).
6 Select **Done**.

Adding Service Categories

1 Select **Apps** > **Service History**.
2 Select ☰ > **Add Category**.
3 Enter a category name, and select **Done**.

Deleting Service Categories

When you delete a service category, all service records in the category are also deleted.

1 Select **Apps** > **Service History**.
2 Select ☰ > **Delete Categories**.
3 Select the service categories to delete.
4 Select **Delete**.

Renaming Service Categories

1 Select **Apps** > **Service History**.
2 Select the category to be renamed.
3 Select ☰ > **Rename Category**.
4 Enter a name, and select **Done**.

Deleting Service Records

1 Select **Apps** > **Service History**.
2 Select a service category.
3 Select ☰ > **Delete Records**.
4 Select the service records to be deleted.
5 Select **Delete**.

Editing a Service Record

You can edit the comment, odometer reading, and date of a service record.

1 Select **Apps** > **Service History**.
2 Select a category.
3 Select a field.
4 Enter the new information, and select **Done**.

Viewing the Weather Forecast

Before you can use this feature, your device must be connected to a supported phone running Smartphone Link (Connecting to Smartphone Link). This feature is not available in all areas.

1 Select **Apps** > **Weather**.
2 Select a day.
The detailed forecast for that day appears.

Viewing Weather Near a Different City

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

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Traffic

NOTICE

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

Traffic information may not be available in all areas or countries. For information about traffic and coverage areas, go to www.garmin.com/traffic.

- Traffic alerts appear on the map when there are traffic incidents along your route or in your area.

[redacted]

Traffic on Your Route

When a traffic delay occurs on your route, an alert appears on the map, and the device calculates an alternate route to avoid the delay. You can choose whether to use alternate routes automatically, or upon request. See Traffic Settings for more information (Traffic Settings). Your device may route you through a traffic delay if a better alternative route does not exist. The delay time is added into your estimated time of arrival automatically.

Viewing Upcoming Traffic

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.

Manually Avoiding Traffic on Your Route

1. From the map, select 🚗.
2. Select **Traffic on Route**.
3. If necessary, use the arrows to view other traffic delays on your route.
4. Select ☰ > **Avoid**.

Taking an Alternate Route

If you do not have your device set to use alternate routes automatically, you can manually start an alternate route to avoid a traffic delay.

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

Viewing Traffic on the Map

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

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

Traffic in Your Area

Searching for Traffic Incidents

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

Viewing a Traffic Incident on the Map

1. From the traffic map, select 🚗.
2. Select an incident.

Understanding Traffic Data

The traffic legend explains the icons and colors used on the traffic map.

1. From the map, select ☰ > **Traffic**.
2. Select **Legend**.

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trafficTrends™

When the trafficTrends feature is enabled, your device uses historic traffic data to calculate more-efficient routes.

NOTE: Different routes may be calculated based on traffic trends for the day of the week or the time of day.

Disabling trafficTrends

To prevent your device from recording or sharing traffic data, you must disable trafficTrends.

Select **Settings** > **Traffic** > **trafficTrends**.

Enabling Traffic

You can enable or disable traffic data. When traffic data is disabled, the device does not receive traffic data, but it still avoids potentially congested areas in routes using the trafficTrends feature, if enabled (trafficTrends™).

1 Select **Settings** > **Traffic**.
2 Select the **Traffic** check box.

Data Management

Data Management

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

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

File Types

The device supports these file types.

- Maps and GPX waypoint files from myGarmin™ mapping software, including MapSource® and BaseCamp™ (Custom Points of Interest).
- GPI custom POI files from Garmin POI Loader (Installing POI Loader).
- MP3 audio files.

About Memory Cards

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

Installing a Memory Card

NOTE: The device supports microSD, microSDHC, and microSDXC memory cards. It does not support exFAT. Memory cards must be formatted as FAT32.

1 Remove the back cover and the battery from the device.
2 Insert a memory card into the slot on the device.
3 Press it in until it clicks.

Connecting the Device to Your Computer

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

1 Plug the small end of the USB cable into the port on the device.
2 Plug the larger end of the USB cable into a port on your computer.

   A picture of your device connected to a computer appears on the device screen.

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

Transferring Data From Your Computer

1 Connect the device to your computer (Connecting the Device to Your Computer).

   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**.

Disconnecting the USB Cable

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

1 Complete an action:
   - For Windows computers, select the **Safely Remove Hardware** icon in the system tray, and select your device.
   - For Mac computers, drag the volume icon to the trash.
2 Disconnect the cable from your computer.

Deleting Files

NOTICE

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

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

Customizing the Device

Map and Vehicle Settings

To open the Map and Vehicle settings, from the main menu, select **Settings** > **Map & Vehicle**.

Vehicle: Changes the icon to represent your position on the map. Go to www.garmingarage.com for more icons.

Driving Map View: Sets the perspective on the map.

Map Detail: Sets the level of detail on the map. More detail may cause the map to draw slower.

Map Theme: Changes the color of the map data.

Map Tools: Selects the shortcuts that appear in the map tools menu.

Map Layers: Sets the data that appears on the map page (Customizing the Map Layers).

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

myMaps: Sets which installed maps the device uses.

Enabling Maps

You can enable map products installed on your device.

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

1 Select **Settings** > **Map & Vehicle** > **myMaps**.

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2 Select a map.

Customizing the Map Tools

You can select the shortcuts that appear in the map tools menu.

1 Select **Settings** > **Map & Vehicle** > **Map Tools**.
2 Select the map tools to include in the menu.
3 Select **Save**.

Navigation Settings

To open the Navigation settings page, from the main menu, select **Settings** > **Navigation**.

Calculation Mode: Sets route preference.

Avoidances: Sets road features to avoid on a route.

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

Safe Mode: Disables all functions that require significant operator attention and could become a distraction while driving.

GPS Simulator: Stops the device from receiving a GPS signal, and saves battery power.

Calculation Mode Settings

Select **Settings** > **Navigation** > **Calculation Mode**.

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

Faster Time: Calculates routes that are faster to drive but can be longer in distance.

Shorter Distance: Calculates routes that are shorter in distance but can take more time to drive.

Off Road: Calculates a direct line from your location to your destination.

[redacted]

Display Settings

To open the Display settings page, from the main menu, select **Settings** > **Display**.

Orientation: Sets the display to portrait (vertical) or landscape (horizontal).

Color Mode: Sets the device to display day or night colors. You can select **Auto** to allow the device to automatically set day or night colors based on the time of day.

Brightness: Adjusts the display brightness.

Display Timeout: Sets the amount of idle time before your device enters sleep mode.

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

[redacted]

Traffic Settings

To open the traffic settings page, from the main menu, select **Settings** > **Traffic**.

Traffic: Enables traffic. Smartphone Link is required.

trafficTrends: Enables the trafficTrends feature (trafficTrends™).

Units and Time Settings

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

Current Time: Sets the device time.

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

Units: Sets the unit of measure used for distances.

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

Language and Keyboard Settings

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

Voice Language: Sets the language for voice prompts.

Text Language: Sets all on-screen text to the selected language.

NOTE: Changing the text language does not change the language of user-entered data or map data, such as street names.

Keyboard Language: Enables keyboard languages.

Device and Privacy Settings

To open the Device settings page, from the main menu, select **Settings** > **Device**.

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

EULAs: Displays the end-user license agreements that apply to your choice.

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

Travel History: Allows the device to record information for the myTrends, Where I've Been, and Trip Log features.

Clear Travel History: Clears your travel history for the myTrends, Where I've Been, and Trip Log features.

Proximity Alerts Settings

Select **Settings** > **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.

Restoring Settings

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

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

Appendix

Power Cables

Your device can be powered various ways.

- Vehicle power cable

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- USB cable
- AC adapter (optional accessory)

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 the vehicle power cable.
- Connect the device to a computer using a USB cable.

  The device may charge slowly when connected to a computer. Some portable computers may not charge the device.
- 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.

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.

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 Touchscreen

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

Avoiding Theft

- Remove the device and mount from sight when not in use.
- Remove the residue left on the windshield by the suction cup.
- Do not keep your unit in the glove compartment.
- Register your device at http://my.garmin.com.

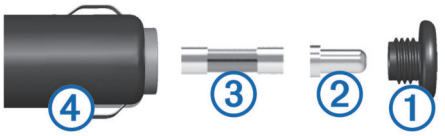
Changing the Fuse in the Vehicle Power Cable

NOTICE

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

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

1. Unscrew the end piece ①.



2. Remove the end piece, the silver tip ②, and the fuse ③.
3. Insert a new 3 A fast-blow fuse.
4. Place the silver tip in the end piece.
5. Screw the end piece back into the vehicle power cable ④.

Mounting on Your Dashboard

NOTICE

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

You can use an optional mounting disk to mount your device to the dashboard and comply with certain state regulations. See www.garmin.com for more information.

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

Removing the Device, Mount, and Suction Cup

Removing the Device from the Mount

1. Press the release tab or button on the mount.
2. Tilt the device forward.

Removing the Mount from the Suction Cup

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

Removing the Suction Cup from the Windshield

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

Purchasing Additional Maps

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

Safety Cameras

NOTICE

Garmin is not responsible for the accuracy of or the consequences of using a custom point of interest or a safety camera database.

Information about safety camera locations and speed limits is available in some areas. Go to www.garmin.com/safetycameras to check availability or to purchase a subscription or one-time update. You can purchase a new region or extend an existing subscription at any time.

You can update safety cameras for an existing safety camera subscription by going to http://my.garmin.com. You should update your device frequently to receive the most up-to-date safety camera information.

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For some devices and regions, basic safety camera data may be included with your device. Included data does not include updates or a subscription.

Custom Points of Interest

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

Installing POI Loader

You can create or download custom POI lists on your computer and install them on your device using POI Loader software.

1 Go to www.garmin.com/poiloader.
2 Follow the on-screen instructions.

Using the POI Loader Help Files

For more information on the POI loader, refer to the Help file.

With the POI loader open, click **Help**.

Finding Custom POIs

Before you can find custom POIs, you must load custom POIs on your device using the POI Loader software (Installing POI Loader).

1 Select **Where To?** > **Categories**.
2 Scroll to the Other Categories section, and select a category.

Purchasing Accessories

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

Device Information

Specifications

Water resistance	IEC 60529 IPX7
Operating temperature range	-4° to 131°F (-20° to 55°C)
Charging temperature range	32° to 113°F (0° to 45°C)
Power input (CLA, motorcycle, or external power)	8–28 Vdc
Power input (USB)	5 V ±0.25 V
Battery life	Up to 4 hours, depending on usage and settings
Battery type	User-replaceable lithium-ion battery
Battery voltage range	3.5 V–4.1 V

Troubleshooting

My device is not acquiring satellite signals

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

The device does not charge in my vehicle

- Check the fuse in the vehicle power cable (Changing the Fuse in the Vehicle Power Cable).
- Verify the vehicle is turned on and is supplying power to the power outlet.
- Verify the interior temperature of the vehicle is between 32° and 113°F (between 0° and 45°C).
- Verify that the fuse is not broken in the vehicle power outlet.

My battery does not stay charged for very long

- Decrease the screen brightness (Display Settings).
- Shorten the display timeout (Display Settings).
- Decrease the volume (Adjusting the Volume).
- Put the device in sleep mode when not in use (Entering and Exiting Sleep Mode).
- Keep your device away from extreme temperatures.
- Do not leave your device in direct sunlight.

The battery gauge does not seem accurate

1 Allow the device to fully discharge.
2 Fully charge the device without interrupting the charge cycle.

My device does not appear as a removable drive on my computer

On most Windows computers, the device connects using Media Transfer Protocol (MTP). In MTP mode, the device appears as a portable device and not as a removable drive. MTP mode is supported by Windows 7, Windows Vista®, and Windows XP Service Pack 3 with Windows Media Player 10.

My device does not appear as a portable device on my computer

On Mac computers and some Windows computers, the device connects using USB mass storage mode. In USB mass storage mode, the device appears as a removable drive or volume, and not as a portable device. Windows versions prior to Windows XP Service Pack 3 use USB mass storage mode.

My device does not appear as either a portable device or a removable drive or volume on my computer

1 Disconnect the USB cable from your computer.
2 Turn off the device.
3 Plug the USB cable into a USB port on your computer and into your device.

TIP: Your device should be connected directly to a USB port on your computer and not to a USB hub.

The device automatically turns on and goes into MTP mode or USB mass storage mode. A picture of the device connected to a computer appears on the device screen.

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