

GARMIN®

GARMIN CATALYST™ 2

Racetrack Driving Performance Optimizer



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.

This device is intended only for recreational use on a racetrack. Never use this device on public roadways. Failure to follow this warning may result in an accident causing property damage, serious personal injury, or death. You are responsible for using this device in a safe and prudent manner.

The first time you turn on your device, it guides you through the initial setup steps with on-screen prompts. You should complete these steps before using the device for the first time.

- 1 Install the device in your vehicle ([Installation, page 5](#)).
- 2 Turn on the device, and follow the on-screen instructions.
- 3 Pair your device with the Garmin Catalyst™ app on your phone or tablet ([Pairing Your Device with the Garmin Catalyst™ App, page 18](#)).
- 4 Update your device software ([Software Updates, page 26](#)).

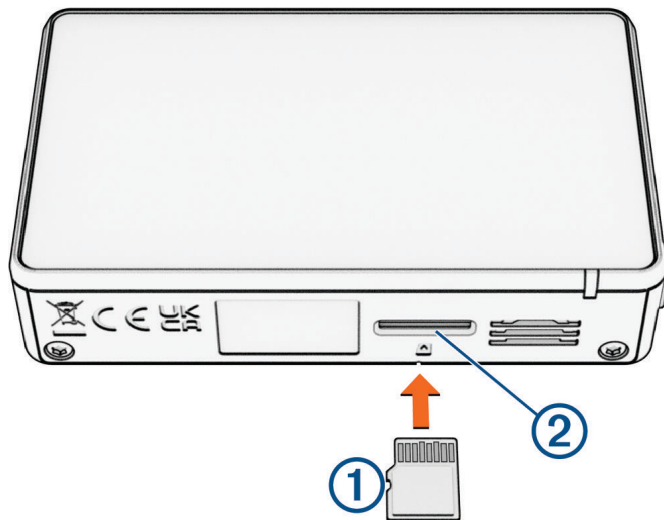
For the best experience, you should keep the software on your device up to date. Software updates provide changes and improvements to privacy, security, and features.

Installation

Installing a Memory Card

To record video, you must install a compatible memory card ([Memory Card Specifications, page 30](#)). A memory card is included with some device models.

- 1 Insert the memory card ① into the slot ②.



- 2 Press it in until it clicks.

Formatting the Memory Card

The camera requires a memory card formatted using the exFAT file system. You can use the camera to format your card using this file system.

You must format a brand new memory card if it is not formatted using the exFAT file system.

NOTE: Formatting the memory card deletes all videos and data on the card.

- 1 Connect the camera to power.
- 2 Swipe left to open the menu.
- 3 Select **Settings > Device > Format Memory Card**.
- 4 Keep the camera connected to power until the formatting is complete.

Removing the Memory Card

NOTICE

Removing the memory card while the device is turned on can result in a loss of data or damage to the device.

- 1 Turn off the device.
- 2 Press the card in until it clicks.
- 3 Release the card.
The card ejects from the slot.

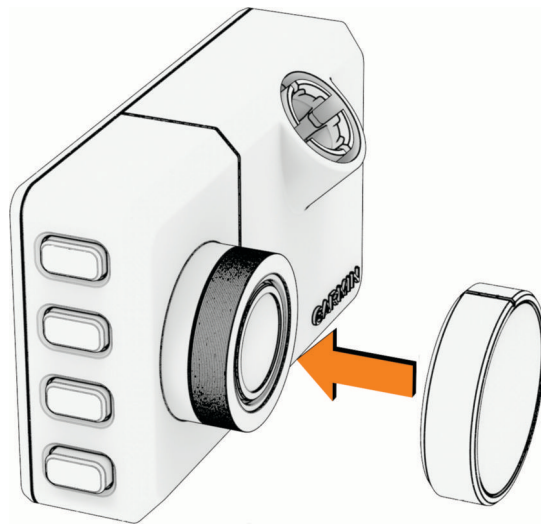
Installing the Polarizing Filter on the Camera

The camera comes with a polarizing filter to help reduce glare from your windshield.

NOTICE

Do not rotate the polarizing filter while it is installed on the camera, because doing so could damage the camera lens.

- 1 Position the filter so the line on the outer rim is facing up.



- 2 Place the filter firmly onto the camera lens.
- 3 Verify the line on the outer rim of the filter ① is facing up and the Garmin® logo on the filter is right side up.



After installing the polarizing filter, you should update the Camera Lens Cover video setting to ensure the best quality video footage ([Video Settings, page 16](#)).

Removing the Polarizing Filter from the Camera

You can remove the polarizing filter for night races or races with low light.

- 1 Firmly grip the camera in one hand and the polarizing filter in the other hand.
- 2 Pull the filter away from the camera.

After removing the polarizing filter, you should update the Camera Lens Cover video setting to ensure the best quality video footage ([Video Settings, page 16](#)).

Mounting Considerations

⚠ WARNING

When installing the device in a vehicle, do not place the device where it obstructs the driver's view of the road or interferes with vehicle operating controls, such as the steering wheel, foot pedals, or transmission levers. Do not place the device unsecured on the vehicle dashboard. Do not place the device in front of or above any airbag.

The camera affixes to the windshield using the included adhesive mount. The adhesive mount is difficult to remove after it is installed. You should carefully consider the mounting location before you install the mount.

- Do not mount the camera in a location that interferes with the driver's view of the road.
- You should choose a mounting location that provides the camera a clear view of the road ahead.
- You should choose a mounting location that is as high as possible on the center of the windshield.
- If you have a rearview mirror, you should place the camera below the rearview mirror.

- You should verify the area of the windshield in front of the camera is cleared by the windshield wipers.
- You should avoid placing the camera behind a tinted area of the windshield.

NOTE: If necessary, you can position the device to the left or right of the rearview mirror as long as it is mounted close to the center of the windshield. Always observe the on-screen alignment instructions before each drive session (*Starting a Drive Session*, page 12).

Installing the Camera on Your Windshield

NOTICE

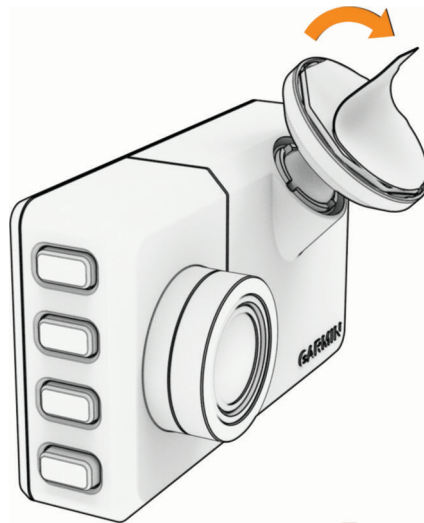
The adhesive mount is intended for a long-term installation and can be difficult to remove. You should carefully consider the mounting location before you install the mount.

Before you can install the adhesive mount onto your windshield, you should review the windshield mounting considerations (*Mounting Considerations*, page 6).

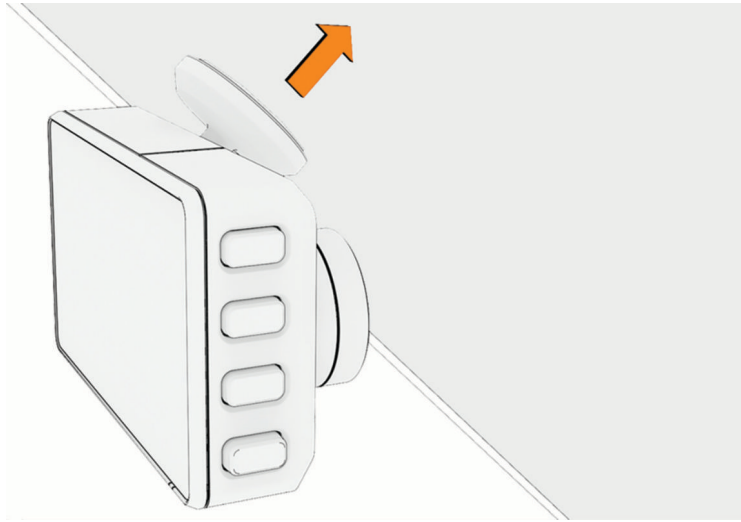
For the best results, the ambient temperature should be from 21° to 38°C (from 70° to 100°F) while installing the camera on your windshield. The adhesive may not bond correctly if the temperature is outside this range. If you need to install the camera at lower temperatures, you must clear all snow, ice, and moisture from the windshield and warm the windshield using the vehicle defroster before installing the camera.

The camera attaches to the windshield using the included adhesive mount.

- 1 Clean the inside of the windshield using water or alcohol, and a lint-free cloth.
The windshield must be free of dust, wax, oils, or coatings.
- 2 Hold the camera in the desired mounting location on the windshield, and verify the camera has a clear, unimpeded view.
- 3 After you have selected a mounting location with a clear view, remove the protective film from the mount adhesive.

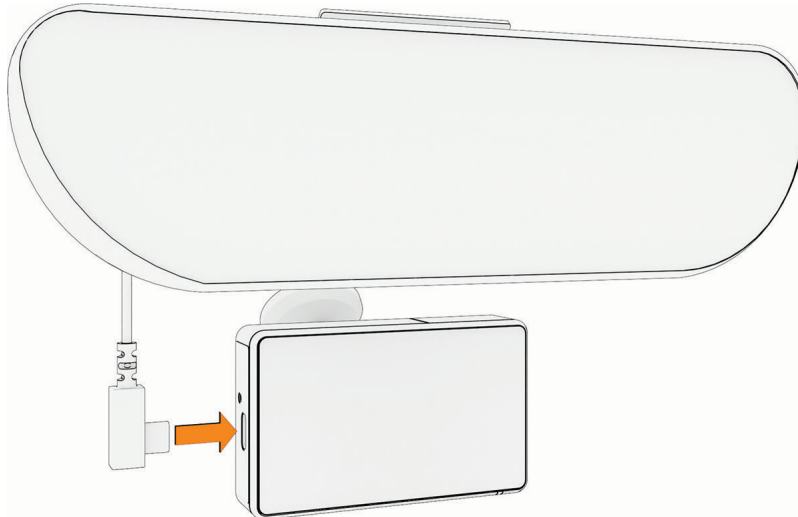


- 4 Position the mount over the mounting location.
TIP: The adhesive is extremely sticky. Avoid touching the adhesive to the windshield until the mount is properly positioned.
- 5 Press the mount firmly onto the windshield, and maintain pressure for 30 seconds.
This helps to ensure the mount adhesive has proper contact with the windshield.



Connecting the Camera to Vehicle Power

- 1 Plug the power cable into the USB-C® port on the camera.



- 2 Route the power cable to your vehicle power outlet.

NOTICE

You should power the camera using the included vehicle power adapter and avoid using a vehicle USB port. A vehicle USB port may not provide enough power for reliable camera operation.


The included lightweight power cable is designed to be routed out of sight. To hide the power cable, route it behind the vehicle trim along the windshield, doorframe, or dash.



- 3 Plug the Garmin Catalyst™ 2 power cable into the included vehicle power adapter.
- 4 Plug the vehicle power adapter into the power outlet in your vehicle.
- 5 If necessary, turn on the vehicle ignition switch to provide power to the power outlet in your vehicle.
The camera turns on.

Turning On the Device Manually


When the device is connected to an ignition-switched power outlet, it turns on automatically when you turn on the vehicle.

Press .

The device turns on.

Turning Off the Device Manually

NOTE: When the device is connected to an ignition-switched power outlet, it turns off automatically when you turn off the vehicle.

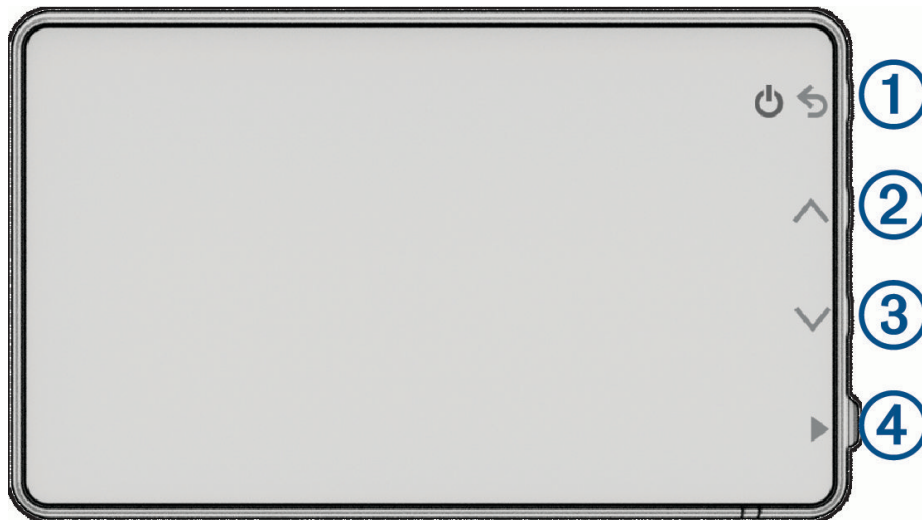
- 1 Hold  for 3 seconds.
- 2 Select **Off**.

Pairing a Wireless Headset or Car Stereo

You can pair a wireless headset or stereo with your Garmin Catalyst™ 2 device to hear coaching tips and audible lap times as you drive.

- 1 Place your Garmin Catalyst 2 device and your headset or stereo within 10 m (33 ft.) of each other.
- 2 On your Garmin Catalyst 2 device, swipe the screen left to open the menu.
- 3 Select **Settings** > **Audio** > **Add Bluetooth Audio**.
- 4 On your headset or stereo, enable Bluetooth® technology and make it visible to other Bluetooth devices.
- 5 On your Garmin Catalyst 2 device, select **OK**, and select your headset or stereo from the list of devices.
- 6 Follow the on-screen instructions to complete the pairing process.

Device Overview

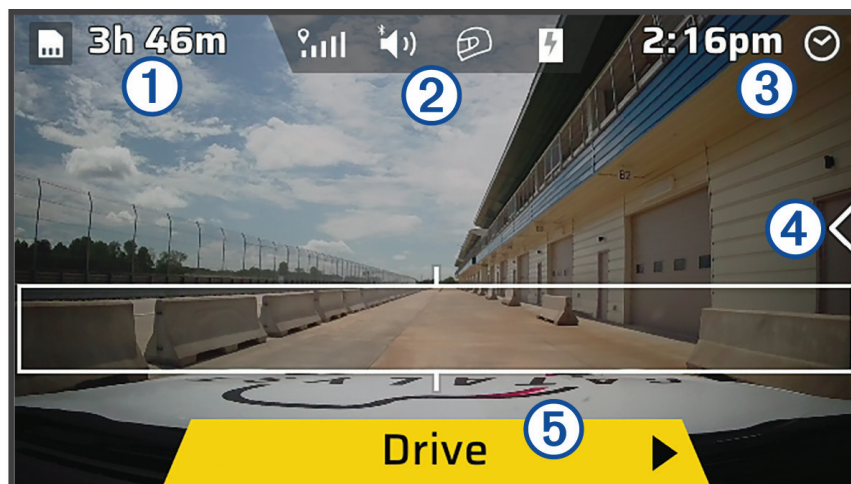


①		Press to turn the device on. Hold for 3 seconds to turn the device off. Press to return to the previous page.
②		Press to scroll through menus or pages.
③		Press to scroll through menus or pages.
④		Press to choose an option in a menu.

Using the Touchscreen

- Tap the screen to select an item.
- Drag or swipe your finger across the screen to pan or scroll.





Home Screen



①	Video footage remaining	Displays the video footage remaining on the installed memory card.
②	Status bar	Select an icon to view more information (Status Bar Icons , page 11).
③	Time	Displays the current time.
④		Swipe the screen left to open the device menu.
⑤		Select to start a drive session (Starting a Drive Session , page 12).


Status Bar Icons


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

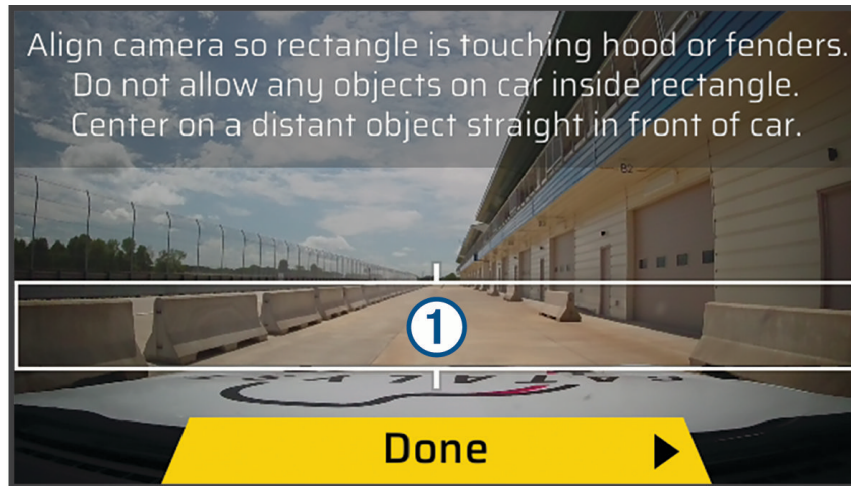
	GPS signal status. Select to view location accuracy and acquired satellite information.
	Bluetooth® audio connection status. Select to view the Bluetooth audio settings.
	Driver profile. Select to switch driver profiles or vehicles.
	Battery charge level.









Starting a Drive Session

Before you can start a drive session, your device must acquire satellite signals. You can select  in the status bar to check the current signal strength and accuracy.

- 1 From the home screen, select **Drive**.
- 2 Select a track.
- 3 If necessary, select a track configuration.
- 4 Align the camera so the bottom of the rectangle  is aligned with the front of your vehicle's hood or fenders, and the camera is centered on a distant object straight in front of your vehicle, and select **Done**.

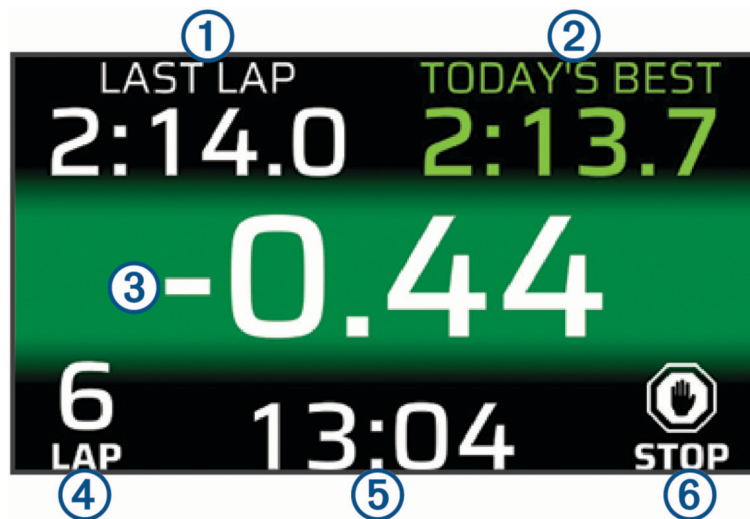


- 5 Select an option:
 - To change your driver profile, select  > **Switch Profiles**.
 - To change your vehicle profile, select  > **Vehicle**.
 - To configure lap timer settings, select , and select **Delta Timer** or **Lap Timer Display**.
 - To change your track conditions, select **Session Settings**, and select , , or .
 - To change your audio configuration, select **Session Settings**, and select your audio connection.
 - To enable or disable audio recording, select **Session Settings** > **Record Camera Audio**.
- 6 Select **Start**.
- 7 Start driving.

The timer starts automatically when you cross the starting line. Video recording starts when your vehicle reaches 40 km/h (25 mph).

Race Timer

As you drive, the device keeps track of your progress and gives you audible coaching tips over your paired headset or stereo ([Pairing a Wireless Headset or Car Stereo](#), page 9). The race timer keeps track of your lap number and shows your best lap times.



① LAST LAP	Displays the most recent lap time during the current session.
② TODAY'S BEST	Displays the best lap time for the current day. TIP: You can change the Delta Timer setting in the driver profile menu to change this field.
③ Delta timer	Displays the time difference between the current lap and the best lap during the current session.
④ LAP	Displays the current lap number.
⑤ Session timer	Displays the total time of all laps in the current session.
⑥ STOP	Select to end the current session.

Pausing a Drive Session

You can pause a drive session that is already in progress. When you pause a drive session, the device stops recording audio and video and stops recording some race data. This is useful if your vehicle breaks down on the track, or if you make a long pit stop.

When you come to a stop, the device automatically pauses the drive session. If you make a long pit stop, the lap will not be factored in to the overall session statistics.

- 1 Stop the vehicle, or select **STOP**.
- 2 Select an option:
 - To stop the drive session and save session data, select **Save**.
 - To continue the drive session, select **Resume**.

The session automatically resumes when you begin driving again.

Adding a Track

You can add a track that is not already loaded on your device. The device uses your GPS location and your vehicle's movements to create a map of the track.

- 1 Select **Drive > Add a Track**.
- 2 Align the camera so the bottom of the rectangle is aligned with the front of your vehicle's hood or fenders, and the camera is centered on a distant object straight in front of your vehicle, and select **Done**.
- 3 If necessary, adjust your driver profile and session settings.
- 4 Select **Start**.
- 5 Start driving.

After you exit the pit area and enter the track, you must drive in a straight line for at least 0.5 seconds at a minimum of 55 mph (90 km/h), and complete one full lap.
- 6 Select **END** after you have completed the drive session.
- 7 Select **Save**.

You can adjust the starting position using the Garmin Catalyst™ app after you synchronize your drive session ([Transferring Drive Sessions to the Garmin Catalyst™ App](#), page 19).

Adding a Track Configuration

You can add additional configurations for tracks that are stored on your device.

- 1 Select **Drive**.
- 2 Select a track.
- 3 Select **Add a Track Configuration**.
- 4 Align the camera so the bottom of the rectangle is aligned with the front of your vehicle's hood or fenders, and the camera is centered on a distant object straight in front of your vehicle, and select **Done**.
- 5 If necessary, adjust your driver profile and session settings.
- 6 Select **Start**.
- 7 Start driving.

After you exit the pit area and enter the track, you must drive in a straight line for at least 0.5 seconds at a minimum of 55 mph (90 km/h), and complete one full lap.



- 8 Select **END** after you have completed the drive session.
- 9 Select **Save**.

You can adjust the starting position using the Garmin Catalyst™ app after you synchronize your drive session ([Transferring Drive Sessions to the Garmin Catalyst™ App, page 19](#)).

Selecting a Vehicle or Driver Profile

Before you can select a vehicle or driver profile, you must pair your device with the Garmin Catalyst™ app on your phone or tablet ([Pairing Your Device with the Garmin Catalyst™ App, page 18](#)), and create a profile using the Garmin Catalyst app ([Adding or Editing a Driver Profile Name, page 22](#)).

TIP: If you haven't configured a driver profile using the Garmin Catalyst app, you can use the Guest profile.

- 1 From the home screen, swipe the screen left to open the menu.
- 2 Select an option:
 - To change your driver profile, select  > **Switch Profiles**.
 - To change your vehicle profile, select  > **Vehicle**.
- 3 Select a vehicle or driver profile.

Reviewing Drive Sessions on Your Garmin Catalyst™ 2 Device

WARNING

Do not review any drive sessions while driving. Failure to pay attention to your surroundings and road conditions can result in serious personal injury or death.

The device records detailed information about each drive session. You can view the results of each drive session on your device. The device prompts you to review each drive session automatically at the end of each session.

- 1 From the home screen, swipe the screen left to open the menu.
- 2 Select **Review**.
- 3 Select a track.
- 4 If necessary, select a track configuration and a drive session.

The device displays your lap times and variance information for the drive session. You can select Laps to view additional details about each lap.

TIP: You can review drive session videos, opportunities, and detailed metrics in the Garmin Catalyst app on your paired phone or tablet (*Garmin Catalyst™ App*, page 18).

Settings

From the home screen, swipe the screen left and select **Settings**.

Audio: Sets audio options for your paired headset or stereo ([Audio Settings, page 16](#)).

Video: Sets options for video footage recorded using the Garmin Catalyst™ 2 device ([Video Settings, page 16](#)).

Brightness: Sets the screen brightness.

Mobile Device: Allows you to manage wireless connections with phones or tablets using the Garmin Catalyst app.

System: Sets the system language and units of measure ([System Settings, page 16](#)).

Device: Displays device regulatory information, license information, and memory card format options ([Device Settings, page 16](#)).

Audio Settings

NOTE: Before you can access the audio settings menu on your Garmin Catalyst™ 2 device, you must pair your device with a compatible headset or stereo ([Pairing a Wireless Headset or Car Stereo, page 9](#)).

From the home screen, swipe the screen left and select **Settings > Audio**.

Test Audio: Plays a recording to test audio functionality on your paired headset or stereo.

Bluetooth Audio: Sets the Bluetooth® audio output.

Volume: Sets the volume level on the paired headset.

Delay Correction: Allows you to set a correction of up to 2 seconds if there is a delay in your Bluetooth audio.

Audible Lap Times: Enables or disables lap time updates that are audible through your headset or stereo.

Disconnecting a Wireless Headset or Stereo

- 1 Swipe the screen left to open the menu.
- 2 Select **Settings > Audio > Bluetooth Audio**.
- 3 Select the name of your headset or stereo.
- 4 Select an option:
 - To temporarily disconnect the headset or stereo, select **Disconnect**.
 - To unpair the connected headset or stereo, select **Forget**.

Video Settings

From the home screen, swipe the screen left and select **Settings > Video**.

Record Session Videos: Enables the device to record session videos to the installed memory card.

True Track Positioning: Enables the device to use multiple inputs to determine the location of the vehicle on the race track.

Camera Lens Cover: Sets the camera to account for a polarized lens cover or a clear cover when recording video.

Record Camera Audio: Enables the camera to record audio during a session.

Format Memory Card: Formats the installed memory card and deletes all information saved to the card, including recorded sessions and saved videos.

System Settings

From the home screen, swipe the screen left and select **Settings > System**.

Voice Language: Sets the voice language.

Text Language: Sets the language for text displayed on the screen.

Speed Units: Sets the unit of measure for speed.

Distance Units: Sets the unit of measure for distance.

Time Format: Sets the display format for the time.

Auto-Off: Sets options to turn off the device automatically if it is not used for a period of time.

Device Settings

From the home screen, swipe the screen left and select **Settings > Device**.

Regulatory: Displays e-label regulatory and compliance information.

About: Displays hardware and software version information.

EULAs: Allows you to view the end-user license agreements (EULAs).

Software Licenses: Displays software license information.

Format Memory Card: Formats the installed memory card and deletes all information saved to the card, including recorded sessions and saved videos.

Reset Device: Allows you to clear your recorded sessions, driver profiles, vehicle profiles, and custom tracks, and to restore all settings to default values.

NOTE: Videos stored on the memory card are not deleted when resetting the device.

Resetting Data and Settings

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

- 1 From the home screen, swipe the screen left to open the menu.
- 2 Select **Settings** > **Device**.
- 3 Select an option:
 - To remove all information, including recorded sessions and saved videos from the installed memory card, select **Format Memory Card**.
This option does not delete any user data.
 - To delete all user data and reset all settings to the factory default values, select **Reset Device**.
This option deletes all user data from the device, including your recorded sessions, driver profiles, vehicle profiles, and custom tracks. Videos stored on the memory card are not deleted. User data stored in the Garmin Catalyst™ app is not deleted.



Garmin Catalyst™ App

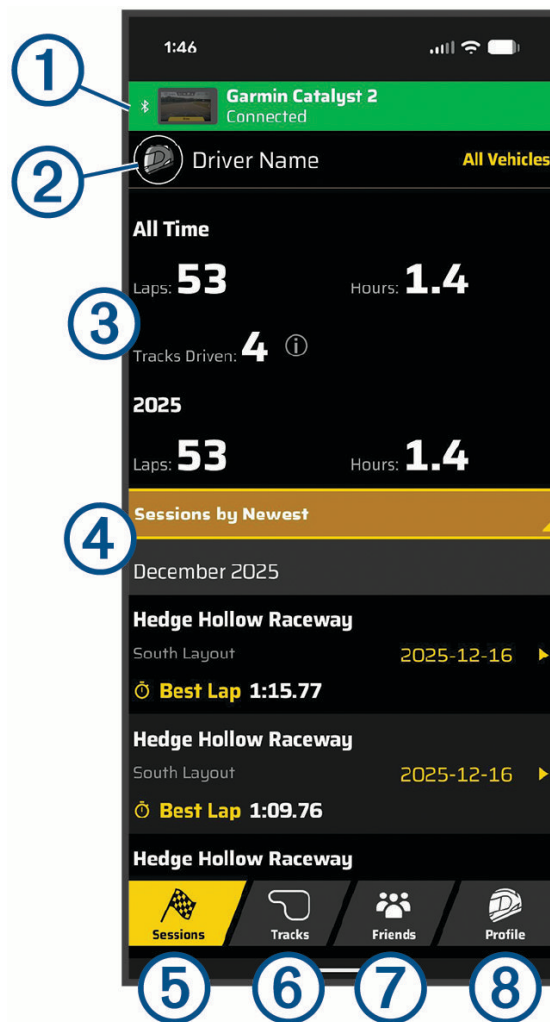
The Garmin Catalyst app is required to view videos and performance data recorded from your Garmin Catalyst 2 device. You can review lap times, session summaries, opportunities, and annual driving activity metrics. You can download the Garmin Catalyst app from the app store on your phone or tablet, or go to [garmin.com/catalystapp](https://www.garmin.com/catalystapp) for more information.

Pairing Your Device with the Garmin Catalyst™ App

The first time you turn on your Garmin Catalyst 2 device, it presents you with a QR code to pair it with the Garmin Catalyst app on your phone or tablet. If you skip this step during initial setup, you can start the pairing process at a later time.

- 1 From the home screen on your Garmin Catalyst 2 device, swipe to the left to open the menu.
- 2 Select **Settings > Mobile Device > Add New Mobile Device**.
- 3 Scan the QR code with your phone or tablet to download and install the Garmin Catalyst app and start the pairing process.

Garmin Catalyst™ App Overview



<p>① Device connection status</p>	<p>Displays the connection status and session data transfer progress of your paired Garmin Catalyst 2 device. NOTE: The device connection status does not appear unless the app is actively connected to the device.</p>
<p>② Driver profile</p>	<p>Displays the current driver profile.</p>
<p>③ Driver profile metrics</p>	<p>Displays the recorded driving metrics for the current driver profile.</p>



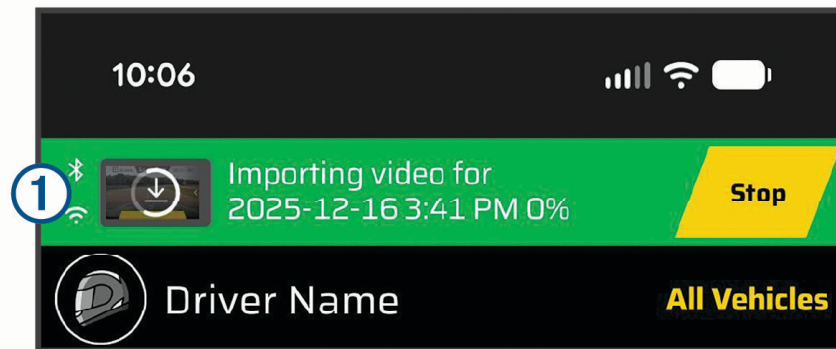
④ Recorded drive sessions list	Displays the list of available drive sessions that have been transferred to the app. You can select a drive session to view detailed information and videos from the drive session.
⑤ Sessions	Select to review drive sessions stored in the app. NOTE: This tab is selected by default when you open the Garmin Catalyst app.
⑥ Tracks	Select to view and search for available tracks and track configurations in the Garmin Catalyst app.
⑦ Friends	Select to view metrics from friends and leaderboard positions.
⑧ Profile	Select to view and edit your driver profile and vehicle profile.

Transferring Drive Sessions to the Garmin Catalyst™ App

After you pair your Garmin Catalyst 2 device with the Garmin Catalyst app, the device sends session information to the app automatically using Bluetooth® technology. You can open the app and transfer videos from the device to the app using a direct Wi-Fi® connection.

- 1 Open the Garmin Catalyst app on your phone or tablet.
The Garmin Catalyst app prompts you to import video using a direct wireless network connection.
- 2 Select an option:
 - To start importing video using a direct Wi-Fi connection, select **Start**.
 - To import video at a later time, select **Import Video Later**.

The session transfer progress ① appears at the top of the Garmin Catalyst app screen.



Reviewing Drive Sessions in the Garmin Catalyst™ App

⚠ WARNING

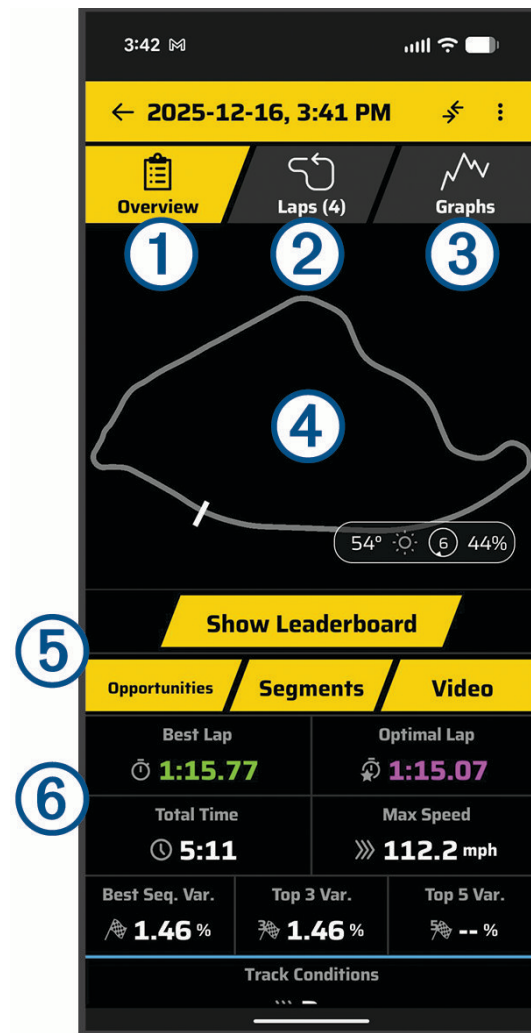
Do not review any drive sessions while driving. Failure to pay attention to your surroundings and road conditions can result in serious personal injury or death.

Before you can review drive sessions in the Garmin Catalyst app, you must import session information from your Garmin Catalyst 2 device ([Transferring Drive Sessions to the Garmin Catalyst™ App, page 19](#)).

The device records detailed information about each drive session. You can view the results of each drive session individually or compare data with another session.

- 1 From the Garmin Catalyst app, select the **Sessions** tab.
- 2 Select a drive session.

Session Summary



① Overview	Displays a summary of the data recorded during the selected session.
② Laps	Select to view detailed lap information for the selected session.
③ Graphs	Select to view graphs of data recorded during the selected session.
④ Track map	Displays a map of the track used in the selected session.
⑤ Session information options	Select an option to view additional details about the selected session.
⑥ Session summary information	Displays a summary of data recorded during the selected drive session.

Viewing Session Videos in the Garmin Catalyst™ App

Before you can view recorded videos in the Garmin Catalyst app, you must transfer your videos from your Garmin Catalyst 2 device ([Transferring Drive Sessions to the Garmin Catalyst™ App, page 19](#)).

- 1 From the Garmin Catalyst app, select the **Sessions** tab.
- 2 Select a drive session.
- 3 Select **Video**.

The optimal lap video plays by default. You can select different laps and lap segments using the options on the screen.

Session Videos



①	Lap and segment numbers.
②	A map of the track. The position of your vehicle is marked with a dot.
③	The speed of the vehicle.
④	Lap timer information.
⑤	A traction circle. The dot moves to indicate the direction and strength of G-force.

Comparing Sessions

⚠ WARNING

Session comparison allows drivers to compare sessions between different vehicles and is intended for use by experienced high-speed drivers only. Modifying driving behavior based on the performance of a different vehicle could result in an accident involving property damage, personal injury, or death.

You can compare the results of two drive sessions. This can help you to see areas of improvement between two sessions or compare the results between different vehicles on the same track.

NOTE: You can only compare sessions that use the same track and track configuration.

- 1 From the Garmin Catalyst™ app, select the **Sessions** tab.
- 2 Select a drive session.
- 3 Select > **Compare With My Other Sessions**.
- 4 Select a session.

Saving a Session Video

Before you can save recorded videos in the Garmin Catalyst™ app, you must transfer your videos from your Garmin Catalyst 2 device ([Transferring Drive Sessions to the Garmin Catalyst™ App, page 19](#)).


You can save your session videos to your mobile device's storage to make them accessible to other applications.

- 1 From the Garmin Catalyst app, select the **Sessions** tab.
- 2 Select a drive session.
- 3 Select **Video**.
- 4 If necessary, select a lap or lap segment.
- 5 Select **Save Video**.
- 6 Follow the on-screen instructions to select a save location.

Deleting Sessions


You can delete drive sessions to clear space on your phone or tablet. You cannot recover deleted drive sessions.

- 1 From the Garmin Catalyst™ app, select the **Sessions** tab.

- 2 Select a drive session.
- 3 Select  > **Delete Session**.

Deleting Session Videos

You can delete drive session videos to clear space on your phone or tablet. Deleting videos does not delete other session information.

- 1 From the Garmin Catalyst™ app, select **Profile** >  > **Video Storage**.
- 2 Select one or more video files.
- 3 Select **Delete**.

Reviewing and Comparing Laps in the Garmin Catalyst™ App

The Laps page lets you review and compare data recorded for each lap. You can compare any two laps from the same session.

- 1 From the Garmin Catalyst app, select the **Sessions** tab.
- 2 Select a session.
- 3 Select **Laps**.
- 4 Select a lap.
A diagram of the track and your track position for the lap appears on the screen.
- 5 Select an option:
 - To view a video of the lap, select **Video**.
 - To compare the current lap with another lap, select **Compare with:**, and select a lap.
 - To view graphs of recorded statistics, select **Select Graphs**, and select one or more graph options.

Viewing Opportunities

During a drive session, the device analyzes your performance and records opportunities for improvement. Opportunities are coaching tips that help you decrease your lap time. The opportunity page enables you to review opportunities and offers tips for improvement.

- 1 From the Garmin Catalyst™ app, select the **Sessions** tab.
- 2 Select a drive session.
- 3 Select **Opportunities**.
- 4 Select an option:
 - To cycle through opportunities, select **<** or **>**.
 - To view additional details about opportunities, select **Braking**, **Apex**, or **Speed**.
 - To view available opportunities by track segment, select **Segment**.


Viewing Track Information

You can view information and statistics about all race tracks that are available in the Garmin Catalyst™ app.

- 1 From the Garmin Catalyst app, select the **Tracks** tab.
- 2 Select the search bar.
- 3 Enter all or part of a track name.
Suggested track names appear below the search bar.
- 4 Select a track.

Adding or Editing a Driver Profile Name

The first time you use the Garmin Catalyst™ app, the app walks you through creating a driver profile. You can edit your driver profile at any time.

- 1 From the Garmin Catalyst app, select **Profile**.
- 2 Select , and enter a new name.

Adding or Editing a Vehicle Profile

- 1 From the Garmin Catalyst™ app, select **Profile** > **Vehicles**.
- 2 Select an option:
 - To add a vehicle profile, select **Add a Vehicle**.

- To edit a vehicle profile, select a vehicle.
- 3 Select a field to enter information about your vehicle.
 - 4 If necessary, select **Add Tires**, and add information about your tires.
 - 5 Select **Done**.

Adding Friends to the Garmin Catalyst™ App

You can add friends to the Garmin Catalyst app and share lap times and session information. Friends can send you their contact information using a QR code on their phone or a link in an email or text (*Sharing Your Card with the Garmin Catalyst™ App*, page 23).

Select an option:

- To add a contact from a link generated by the Garmin Catalyst app, select the link sent to you from your friend's Garmin Catalyst account.
- To add a contact from a shared QR code, open the Garmin Catalyst app and select **Friends > Scan a Driver Code**, and scan your friend's driver code.

Sharing Your Card with the Garmin Catalyst™ App

- 1 From the Garmin Catalyst app, select **Friends > Share My Card**.
- 2 Select an option:
 - To share your card using a QR code, allow your friend or contact to scan the QR code on your screen.
 - To send your friend a contact request, select **Share**, and select an app or contact to share the request.
 - To send a direct link, select **Copy Link**, and paste the link into a message to your friend or contact.

Changing the Units of Measure in the Garmin Catalyst™ App

You can customize the units of measure displayed in the Garmin Catalyst app.

- 1 From the Garmin Catalyst app, select **Profile > ⚙ > Units**.
- 2 Select the units of measure for each category.



Vault Storage


NOTE: This feature requires an active Vault subscription. Vault features are not available for all countries.

You can upload, manage, and share recorded videos on a secure, online storage drive using the Vault. With a paid subscription, the Garmin Catalyst™ app uploads optimal and best lap videos to the Vault automatically while it is connected to a Wi-Fi® network.

You can purchase a Vault subscription from the Garmin Catalyst app on your phone or tablet (*Garmin Catalyst™ App*, page 18).

Subscribing to Vault

You can purchase a Vault subscription to store your videos in a secure online storage drive.

- 1 From the Garmin Catalyst™ app on your phone or tablet, select **Profile** >  > **Vault Access**.
- 2 Select **Subscribe Now**.
- 3 Follow the on-screen instructions.

Sharing a Video

Before you can share videos, you must purchase a Vault subscription.

You can upload a video to the Vault and share it on the leaderboard.

- 1 From the Garmin Catalyst™ app on your phone or tablet, select the **Sessions** tab.
- 2 Select a session.
- 3 Select **Video** > **Save Video** > **Upload to Vault**.

Disabling a Shared Video Link

You can disable a link to a video that you previously shared from the Vault. When you disable a shared video link, the video is set to private and the shared link and passcode are disabled.

- 1 From the Garmin Catalyst™ app on your phone or tablet, select **Vault**.
- 2 Select a video, and select **Disable Link** > **Continue**.

Removing a Video from the Vault

- 1 From the Garmin Catalyst™ app on your phone or tablet, select **Vault**.
- 2 Select a video, and select **Remove From Vault** > **Continue**.

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 70°C (from -4° to 158°F)
Charging temperature range	From 0° to 60°C (from 32° to 140°F)
Wireless frequency	2400 – 2483,5 MHz: < 20 dBm 5150 – 5250 MHz: < 16 dBm
EU SAR	< 0,96 W/kg trunk, < 0,96 W/kg limb
Input voltage	From 4.75 to 5.25 Vdc, 2 A
Battery type	Rechargeable lithium-ion
Battery life	Up to 45 min.

Charging the Device

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

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

- Connect the device to vehicle power.
- Connect the device to an optional power adapter accessory, such as a wall power adapter.
You can purchase an approved Garmin® AC-DC adapter suitable for home or office use from a Garmin dealer or www.garmin.com. The device may charge slowly when connected to a third-party adapter.



Device Maintenance

Garmin® Support Center

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

Software Updates

For the best experience, you should keep the software on your device up to date. Software updates provide changes and improvements to privacy, security, and features.

You can update your device using two methods.

- You can update your device using the Garmin Catalyst™ app on your paired phone or tablet (recommended). This option allows you to update your device conveniently without connecting it to a computer.
- You can connect the device to a computer and update it using the Garmin Express™ application (garmin.com/express).


Updating Software with the Garmin Catalyst™ App

When a software update is available, the Garmin Catalyst app downloads it automatically. The next time you connect to your Garmin Catalyst 2 device, the app prompts you to send the update to your device.

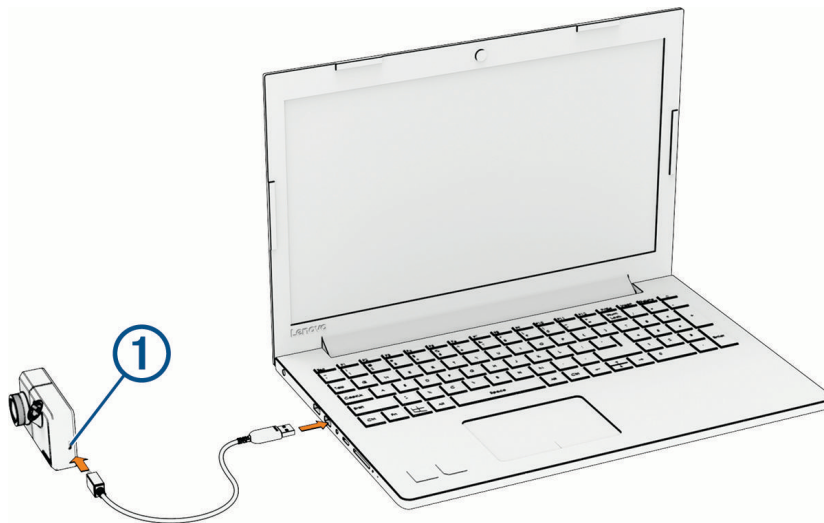
- 1 Turn on your Garmin Catalyst 2 device.
- 2 Open the Garmin Catalyst app on your phone or tablet.
- 3 From the Garmin Catalyst app, select **Send Update**.
- 4 Follow the on-screen instructions in the Garmin Catalyst app to install the software update on your device.

Updating Software with Garmin Express™

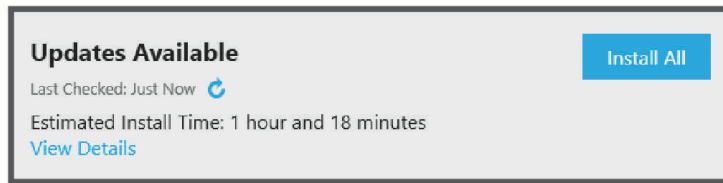
You can use the Garmin Express application to download and install the latest software updates for your device.

- 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 27).
- 2 Open the  Garmin Express application.
- 3 Connect your device to your computer using a USB-C® cable that is capable of transferring data.

The small end of the cable connects to the USB-C port  on your Garmin Catalyst™ 2 device, and the large end connects to an available USB port on your computer.



- 4 From your Garmin Catalyst 2 device, select **Connect to Computer**.
TIP: If you do not see the prompt to connect to your computer, you can select Connect to Computer from the settings menu on your device.
- 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.

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

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

Installing Garmin Express™

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

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

2 Select an option:

- To view the system requirements and verify the Garmin Express application is compatible with your computer, select **System Requirements**.
- To install on a Windows computer, select **Download for Windows**.
- To install on a Mac computer, select **Download for Mac**.

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

Device Care

NOTICE

Avoid dropping your device.

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

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

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 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.

Cleaning the Camera Lens

NOTICE

Avoid chemical cleaners and solvents that can damage plastic components.

You should clean the camera lens regularly to improve the quality of recorded video.

1 Wipe the lens with a non-scratch lens cloth, optionally dampened with isopropyl alcohol.

2 Allow the lens to air dry.

Restarting the Device

You can restart your device if it stops functioning.

Hold the power button for 10 seconds.



Troubleshooting

My device is not acquiring satellite signals

- Install all available software updates.
- Take your device out of parking garages and away from tall buildings and trees.
- Remain stationary for several minutes.

My device does not pair with my phone or tablet

The phone or tablet is too far away from your device.

- Bring your phone or tablet within range of your device.

The phone or tablet is already paired, but is non-functional.

- If your phone or tablet is already paired but is not connecting to the device, turn off Bluetooth® technology on your phone and turn it back on.

Your device was recently reset and contains old pairing information.

- If you recently reset your device, you must forget or delete the pairing information from both your phone's Bluetooth settings and your Garmin Catalyst™ 2 device.

Scanning the QR code from your phone's camera app did not start the pairing process.

- 1 On your Garmin Catalyst 2 device, swipe the screen left, and select **Settings > Mobile Device > Add New Mobile Device**.

A QR code appears on the Garmin Catalyst 2 screen.

- 2 On your phone or tablet, open the Garmin Catalyst app, and select **Profile > ⚙ > Add Device**.

- 3 On your phone or tablet, select an option:

- Scan the QR code displayed on the Garmin Catalyst 2 screen.
- Select your device from the list.

- 4 Follow the on-screen instructions to complete the pairing and setup process.

The device does not charge in my vehicle

- Verify you are using a compatible power cable or charger supplied by Garmin®.
- 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 camera feels warm while it is operating

Garmin® cameras are designed for the automotive environment. It is normal and expected for the products to become warm or hot and remain safe for use in warm climates with full sun exposure. The temperature of the device itself can exceed the specified maximum operating ambient temperature for the device and remain safe for use. Always follow the device use and care instructions contained in the product manual.

My video recordings are blurry

- Clean the camera lens ([Cleaning the Camera Lens, page 27](#)).
- Clean the windshield in front of the camera.
- Verify the area of the windshield in front of the camera is cleared by the windshield wipers, and move the device, if necessary.



Appendix

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 10.4 and newer.

Memory Cards

You can purchase memory cards from an electronics supplier. Memory cards can be used to store video footage and data from your drive sessions.

Memory Card Specifications

The camera requires a memory card with these specifications. Go to garmin.com/dashcamcards to view a list of recommended memory cards.

Type	microSDHC or microSDXC
Capacity	From 32 to 512 GB
Speed class	Class 10 or higher
File system	exFAT

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 On your Garmin Catalyst™ 2 device, swipe the screen left to open the menu.
- 4 Select **Settings** > **Connect to Computer**.

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

Disconnecting the USB Cable

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

- 1 Complete an action:
 - For Windows computers, select the **Safely Remove Hardware** icon in the system tray, and select your device.
 - For Apple® computers, select the device, and select **File** > **Eject**.
- 2 Disconnect the cable from your computer.

Purchasing Accessories

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

support.garmin.com

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