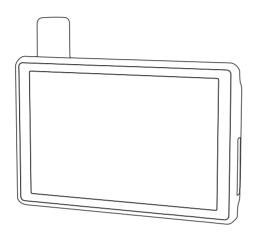
# GARMIN<sub>®</sub> TREAD<sup>®</sup> - SXS EDITION



Owner's Manual

Table of contents	Calibrating the compass1	
	Group Ride1	
Getting started 7	Starting a Group Ride1	9
Device Overview	Joining a Group Ride1	9
	Rejoining a Recent Group Ride 19	9
Turning the device on or off	Adding Riders to a Radio Group	
Acquiring GPS signals8	Ride 1	9
Status bar icons 8	Broadcasting a Message 2	
Using the Touchscreen 8	Broadcasting a Location2	
Using the on-screen buttons8	Viewing a Group Ride Notification2	
Adjusting the screen brightness 9	Exiting a Group Ride2	
Vehicle Profiles9	Group Ride Settings2	
Adding a vehicle profile9	Radio20	
Choosing a Vehicle Profile9	Selecting a Preset	
Editing a vehicle profile 9	Selecting a Radio Channel2	
Adding Propane Tanks 10	Adjusting the Squelch	
	Adding a Custom Radio Preset2	
Installation 11	Selecting a Roger Tone2	
Mounting Your Device in an ATV or Side-	Turning the Radio Off	
by-Side11		1
Power Cable Overview11	Enabling Push-to-Talk with a Headset2	1
Mounting Considerations11		
Mounting the Device on a Roll Bar11	Transmitting Your Voice	
Mounting the Antenna12	Adjusting the Radio Volume	
Installing the Antenna on the Group	Radio Settings2	_
mieraning and randomica en and en eap		
Ride Mount13	inDecel® Feetures	2
Ride Mount	inReach® Features23	
Ride Mount	inReach® Features23 Messages	
Installing the Fist Microphone and		
Installing the Fist Microphone and Mount13	Messages2	3
Installing the Fist Microphone and Mount	Messages23 Sending a Preset inReach®	3
Installing the Fist Microphone and Mount	Messages23 Sending a Preset inReach® Message23	3 3
Installing the Fist Microphone and Mount	Messages23 Sending a Preset inReach® Message	3 3 3
Installing the Fist Microphone and Mount	Messages	3 3 3 3
Installing the Fist Microphone and Mount	Messages	3 3 3 3 3
Installing the Fist Microphone and Mount	Messages	3 3 3 3 3 3
Installing the Fist Microphone and Mount	Messages	3 3 3 3 4
Installing the Fist Microphone and Mount	Messages	3 3 3 3 3 4 4
Installing the Fist Microphone and Mount	Messages	3 3 3 3 3 4 4
Installing the Fist Microphone and Mount	Messages	3 3 3 3 3 4 4 4
Installing the Fist Microphone and Mount	Messages	3 3 3 3 3 4 4 4 4
Installing the Fist Microphone and Mount	Messages	3 3 3 3 3 3 4 4 4 4 4
Installing the Fist Microphone and Mount	Messages	3 3 3 3 3 3 4 4 4 4 4 4 4
Installing the Fist Microphone and Mount	Messages	3 3 3 3 3 3 4 4 4 4 4 4 4
Installing the Fist Microphone and Mount	Messages	3 33333444 44445
Installing the Fist Microphone and Mount	Messages25Sending a Preset inReach®26Message27Sending a Text Message27Replying to a message27Checking for Messages27Navigating to a Message Location27Deleting a Message27Tracking29Starting Tracking29Stopping Tracking29Sharing Your MapShare™WebPage29inReach® Tracking Settings29SOS29Initiating an SOS Rescue29Cancelling an SOS Rescue29Syncing inReach® Data20	3 33333444 444455
Installing the Fist Microphone and Mount	Messages2Sending a Preset inReach®2Message2Sending a Text Message2Replying to a message2Checking for Messages2Navigating to a Message Location2Deleting a Message2Tracking2Starting Tracking2Stopping Tracking2Sharing Your MapShare™WebPage2inReach® Tracking Settings2SOS2Initiating an SOS Rescue2Cancelling an SOS Rescue2Syncing inReach® Data2Contacts2	3 333333444 44445555
Installing the Fist Microphone and Mount	Messages25Sending a Preset inReach®26Message27Sending a Text Message27Replying to a message27Checking for Messages27Navigating to a Message Location27Deleting a Message27Tracking29Starting Tracking29Stopping Tracking29Sharing Your MapShare™WebPage29inReach® Tracking Settings29SOS29Initiating an SOS Rescue29Cancelling an SOS Rescue29Syncing inReach® Data20	3 3 3 3 3 3 3 4 4 4 4 4 4 4 5 5 5 5 5

Deleting a Contact	BirdsEye Direct Satellite Imagery 33
Data Use and History	Downloading BirdsEye Direct
Viewing Plan and Usage Details 26	Satellite Imagery
3	Route Planner33
Using the Map 27	Planning a Route33
Map tools	Editing and Reordering Locations in a
Viewing a map tool27	Route34
Up ahead	Changing Routing Options for a
Viewing upcoming locations28	Route34
Customising the up ahead	Navigating to a Saved Route 34
categories28	Editing Your Active Route34
Towns Ahead	Saving Your Active Route 34
Viewing Upcoming Towns and Exit	TracBack <sup>®</sup> 35
Services	Following your recent track 35
Trip information	Saving Your Recent Track as a
Viewing trip data from the map 28	Route35
Resetting trip information 28	Viewing the weather forecast35
Viewing Upcoming Elevation	Viewing weather near a different
Changes29	town35
Viewing upcoming traffic	Viewing the weather radar35
Viewing traffic on the map 29	Viewing weather alerts35
Searching for traffic incidents 29	Checking road conditions 35
Customising the map	Creating a Round-Trip Route 36
Customising the map layers 29	Garmin PowerSwitch <sup>™</sup> App
Enabling Adventure Roads and Trails	Activating a Power Switch37
Map Layers30	Turning Off All Switches
Changing the map data field 30	Customising a Button37
Changing the Map Buttons 30	Assigning a Switch to a Control
Changing the map perspective 30	Input37
	Adding a Custom Layout37
Dog tracking31	Routines38
Receiving Data From Your Handheld	Tread <sup>®</sup> Audio App 0
Device	LED Controls0
Tracking Your Dogs	Audio Zone Settings0
Dog Status Icons31	7.44.0 =0.00 001go
Viewing Your Dogs on the Map 31	Live services, traffic and smartphone
	features40
Using the apps32	Bluetooth® Feature status icons40
Viewing the Owner's Manual on	Pairing with Your Smartphone40
Your Device32	·
Music Player 32	Tips after pairing the devices 40
Adding the Music Player Tool to the	Pairing Additional Bluetooth®
Map 32	Devices
Great Rides32	Smart Notifications
Bookmarking a Ride32	Receiving notifications
Synchronising Great Rides 33	Viewing the list of notifications 41
Navigating a Bookmarked Ride 33	Hands-free calling
•	Placing a call42

Using in-call options 42	Finding a location using the search
Saving a Phone Number as a	bar 50
Preset42	Location Search Results 50
Enabling or Disabling Bluetooth	Changing the search area 51
Features42	Finding a location by category51
Showing or hiding app notifications	Navigating to points of interest within
(Android <sup>™</sup> ) 42	a venue51
Showing or hiding notification	Points of Interest 52
categories for your Apple® device42	Viewing Your Garmin Explore <sup>™</sup>
Enabling or Disabling Bluetooth®	Waypoints 52
Features for Your Headset	Finding National Parks 52
Disconnecting a Bluetooth® device 43	Finding Campsites52
Deleting a paired phone43	Finding Ultimate Campgrounds points
- crossing a period processing and	of interest52
Street Navigation44	Finding motorhome parks 53
Starting a route	Finding Motor Home services 53
Starting a route by using the map 44	Finding iOverlander <sup>™</sup> points of
Your route on the map44	interest53
Active lane guidance45	Finding Powersport Points of
Viewing turns and directions45	Interest53
Viewing the Entire Route on the	Finding Adventure Points 53
Map	Tripadvisor® 53
Changing Your Active Route 46	Finding Parking Near Your Current
Adding a location to your route 46	Location54
Shaping Your Route	Finding Parking Near a Specified
Avoiding Delays, Tolls and Areas 46	Location54
Avoiding traffic delays on your	Search tools54
route	Finding an address 54
Avoiding toll roads46	Finding a location using
Avoiding toll stickers46	coordinates54
Avoiding road features 47	Finding petrol stations and prices 54
Custom Avoidances47	Viewing history54
Arriving at your destination47	Clearing the list of recently found
Changing the route calculation	places54
mode47	Viewing current location information 55
Taking a Route Using Garmin	Finding emergency services and
Adventurous Routing <sup>™</sup> 48	fuel
Taking a detour48	Getting directions to your current location55
Going home48	
Editing your home location 48	Adding a shortcut
Parking Near Your Destination 48	Removing a shortcut
Traffic48	Saving Locations
Receiving traffic data using your	Saving a location
smartphone48	Saving a Wayneint on the Man. 55
Viewing traffic on the map 49	Saving a Waypoint on the Map 55
	Editing a Saved Location
Finding and saving locations 50	Assigning Categories to a Saved Location56
	LUCAHUH

Deleting a favourite location 56	My device is not acquiring satellite
<b>Driver awareness features and</b>	signals
	My battery does not stay charged for very long 65
alerts57	My device does not connect to my
Enabling or Disabling Driver Alerts 57	phone
Cottings 50	My device does not appear as a
Settings58	removable drive on my computer65
Navigation settings58	My device does not appear as either a
Map settings58	portable device or a removable drive or
Position Format Settings 58	volume on my computer 65
Enabling maps58	
Connecting to a Wireless Network 58	Appendix 66
Enabling Bluetooth® wireless	Garmin PowerSwitch <sup>™</sup>
technology59	Mounting Considerations
Driver Assistance Settings 59	Mounting the Device
Traffic Settings59	Opening the Front Cover
Display settings 59	Connecting Accessories
Adjusting Sound and Notification	Connecting a Control Input 68
Volume	Connecting the Device to Vehicle
Setting the Text Language59	Power
Date and time settings	Pairing with a Garmin® Navigation
Device settings	Device
Enabling or Disabling Location	Garmin PowerSwitch <sup>™</sup>
Services	Specifications
Device information	Troubleshooting69
	Tread <sup>®</sup> Audio0
Viewing E-label Regulatory and	Tools and Materials Needed 0
Compliance Information	Tread® Audio Box Mounting
Tread® - SXS Edition Specifications 61	Considerations0
Group Ride Specifications	Wireless Remote Mounting
Charging the Device61	Considerations0
Device maintenance 62	Mounting the Speakers and
	Brackets0
Garmin® Support Centre	Wireless Remote Overview 0
Map and Software Updates 62	Pairing with a Garmin® Navigation
Updating Maps and Software Using a	Device0
Wi-Fi <sup>®</sup> Network	Tread® Audio Box Specifications 0
Product updates	Tread <sup>®</sup> 6.5" XS-LED Tower Speakers
Device Care	Specifications0
Cleaning the outer casing64	Bracket Specifications0
Cleaning the Touchscreen64	Data management69
Avoiding theft	About memory cards 70
Restarting the Device	Installing a memory card for maps and
Removing the Device from the	data 70
Mount64	Formatting the Memory Card 70
Troubleshooting65	-

	Connecting the Device to Your	
	Computer	70
	Transferring GPX Files From Your	
	Computer	70
	Transferring data from your	
	computer	70
	Disconnecting the USB cable	71
	Adding BaseCamp <sup>™</sup> Data to Garmin	
	Explore <sup>™</sup>	71
F	Purchasing additional maps	71

# **Getting started**

#### **⚠ WARNING**

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

- 1 Connect to a Wi-Fi® network (Connecting to a Wireless Network, page 58)(optional).
- 2 Pair your Bluetooth® phone and headset (Pairing with Your Smartphone, page 40) (optional).
- 3 Update the maps and software on your device (*Product updates*, page 62).
- 4 Acquire GPS signals.
- 5 Mount the device and connect it to power (*Installation*, page 11).
- **6** Adjust the screen brightness (*Adjusting the screen brightness*, page 9).
- 7 Navigate to your destination (Starting a route, page 44).

## **Device Overview**



1	Power button
2	Volume control
3	microSD® memory card slot
4	USB power and data port
5	Iridium® antenna
6	SOS button (under protective cover)

# Turning the device on or off

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



- To put the device in power saving mode, press the power key while the device is on.
   While in power saving mode, the screen is off and the device uses very little power, but it can wake instantly for use.
  - **TIP:** you can charge your device faster by putting it in power saving mode while charging the battery.
- To turn off the device completely, hold the power key until a prompt appears on the screen, then select Power off.

# **Acquiring GPS signals**

When you turn on your navigation device, the GPS receiver must collect satellite data and establish the current location. The time required to acquire satellite signals varies based on several factors, including how far you are from the location where you last used your navigation device, whether you have a clear view of the sky, and how long it has been since you last used your navigation device. The first time you turn on your navigation device, it may take several minutes to acquire satellite signals.

- 1 Turn on the device.
- 2 Verify ♥ appears in the status bar. Enable location services if it does not (*Enabling or Disabling Location Services*, page 60).
- 3 If necessary, go to an open area with a clear view of the sky, away from tall buildings and trees.
  - appears at the top of the navigation map until the device determines your location.

## Status bar icons

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

9	Location services status. Indicates your location has been established.
*	Bluetooth® technology status.
	Wi-Fi® signal strength.
<del></del> -	Active vehicle profile.
9:10	Current time.
	Battery charge level.
[mag	Tread® app connection status (Pairing with Your Smartphone, page 40).

# **Using the Touchscreen**

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

# Using the on-screen buttons

On-screen buttons allow you to navigate the pages, menus and menu options on your device.

- Hold \( \) to quickly return to the main menu.
- Select or to scroll through lists or menus.
- Hold or to scroll faster.
- Select 
   to see a context-based menu of options for the current screen.

# Adjusting the screen brightness

You can adjust the brightness manually, using either the notification panel or the settings menu.

- 1 Select an option:
  - Swipe down twice from the top of the screen to expand the quick settings in the notification panel.
  - Select Device > Display > Brightness level.
- 2 Use the slider bar to adjust the brightness.

#### **Vehicle Profiles**

#### *∧* WARNING

Entering your vehicle profile characteristics does not guarantee that your vehicle's characteristics will be accounted for in all route suggestions. Limitations may exist in map data for some route suggestions. Always defer to all posted road signs and conditions during vehicle operation. Failure to do so could lead to an accident involving personal injury or death.

Vehicle profiles allow you to choose different settings based on each vehicle you use with the device. The current vehicle profile is indicated by an icon in the status bar. If your vehicle profile includes a trailer, an icon of the trailer appears with the vehicle icon.

<b>₹</b> □\$	RV or motor home profile
<b>₹</b>	Motorcycle profile
কৰ	ATV profile
<del></del>	Side-by-side profile
	Full size profile
<b>-</b>	Snowmobile profile
<b>←</b>	Other profile
	Profile with trailer
中	Profile with travel trailer
<del></del>	Profile with boat trailer

# Adding a vehicle profile

You can add a vehicle profile for each vehicle to be used with your device.

- 1 Select **■** > Navigation > Vehicle Profile > **★**.
- 2 Select your current vehicle.
- 3 Follow the on-screen instructions to enter the vehicle characteristics.

# **Choosing a Vehicle Profile**

- 1 Swipe down twice from the top of the screen.
- 2 Select the vehicle profile icon on the status bar.

#### Editing a vehicle profile

You can change basic vehicle profile information or add detailed information to a vehicle profile, such as maximum speed.

- 1 Select : > Navigation > Vehicle Profile.
- 2 Select the vehicle profile to edit.
- 3 Select an option:
  - To edit the vehicle profile information, select , and select a field to edit.

- To rename the vehicle profile, select <> = > Rename Profile.
- To delete the vehicle profile, select **₹** > **≡** > **Delete**.

# **Adding Propane Tanks**

NOTE: this feature is not available on all product models.

When you add your propane tanks to your vehicle profile, the device avoids routing through areas with propane tank restrictions that may affect your route. The device also alerts you when you approach areas that require you to shut off your propane tanks.

- 1 From the vehicle profile, select \( \strace > \text{Propane Tanks} > \text{Add Tank}. \)
- 2 Enter the weight of the propane tank and select **Save**.

# Installation

# Mounting Your Device in an ATV or Side-by-Side

## **Power Cable Overview**

#### *∧* WARNING

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

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.



1	Mount connector
2	12 to 24 Vdc system power (red)
3	System ground (black)

# **Mounting Considerations**

- The device must be mounted close to the bus bar or battery and within the range of the supplied power cable.
- The mounting location must allow for the routing and connection of all cables.
- Excess wire should be bundled and secured using the included zip ties.
- The electrical contacts must be free from paint.

## Mounting the Device on a Roll Bar

#### **⚠ WARNING**

Both the device and its mount contain magnets. Under certain circumstances, magnets may cause interference with some internal medical devices and electronic devices, including pacemakers, insulin pumps or hard drives in laptop computers. Keep the device away from medical devices and electronic devices.

1 Loosen the knob 1 on the roll bar mount.



- 2 Place the mount around the roll bar.
- 3 Tighten the knob on the mount until the clamp is secure.

4 Insert the ball on the Group Ride mount 2 into the double-socket arm 3.



- **5** Tighten the knob 4 slightly.
- 6 If necessary, adjust the Group Ride mount (5) for better viewing and operation.
- 7 Tighten the knob to secure the mount.
- 8 Place the device onto the magnetic mount, and push the lock 6 down to secure the device to the mount.
- 9 Connect the Group Ride power cable 7 to the connector on the vehicle wiring harness.
- 10 Tighten the collar around the connected power cables.
- 11 Route the power cable along a suitable path in your vehicle and secure it using the included zip ties.

## **Mounting the Antenna**

the mounted antenna must be at least 4 cm (1.57 in.) away from the nearest roll bar or metal surface to avoid radio interference.

You can use the external antenna mount to mount your antenna in a more suitable location for your vehicle, such as a roll bar at the rear of your vehicle, to receive better radio reception. For the best results, use this method for vehicles that have a roll cage.

1 Screw down and tighten the antenna cable 1 onto the Group Ride mount 2.



- 2 Find a suitable location for the antenna.
- 3 Using a flat-head screwdriver or  $^{5}/_{16}$ -in. (8-mm) nut driver, loosen the bolt ③ on the external antenna mount until the ring separates.



- 4 Place the mount around the roll bar.
- 5 Tighten the bolt on the mount until the ring is secure.
- **6** Screw down and tighten the antenna **4** onto the external antenna mount plate.
- 7 Route the antenna cable along a suitable path using the roll bars in your vehicle, and secure it using the included zip ties.
- 8 Secure any loose cable to the roll bar using the included zip ties.
  NOTE: you should avoid bundling loose cable behind body panels to reduce antenna interference.

# Installing the Antenna on the Group Ride Mount

the mounted antenna must be at least 4 cm (1.57 in.) away from the nearest roll bar or metal surface to avoid radio interference.

For the best range performance, use the external antenna mount. You can mount the antenna directly onto the Group Ride mount when it is not possible to use the external antenna mount (*Mounting the Antenna*, page 12). Screw down and tighten the antenna onto the Group Ride mount.



# **Installing the Fist Microphone and Mount**

Before you can attach the fist microphone mount to your dashboard, you must select a suitable location on the dashboard.

#### **⚠ WARNING**

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

#### NOTICE

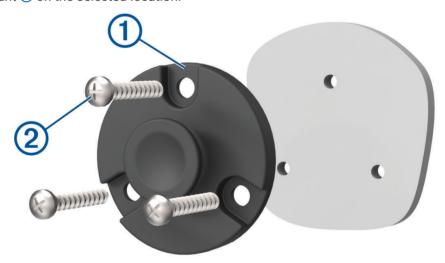
Avoid wires, gauges, air bags, air bag covers, heating, ventilation, and air conditioning and other items when drilling pilot holes and attaching the mount to the vehicle. Garmin® is not responsible for any damages or consequences arising from the installation.

**NOTE:** this feature is not available on all product models.

1 Align and insert the connector on the fist microphone onto the Group Ride mount.



- 2 Tighten the collar around the connected cable.
- 3 Place the mount 1 on the selected location.



- 4 Using the mount as a template, mark the three screw locations.
- 5 Drill pilot holes (optional).
  For some types of mounting material, drilling pilot holes is necessary.
- **6** Securely fasten the mount to the surface using the supplied screws ②.
- 7 Slide the fist microphone 3 onto the mount.



# **Off-Road Navigation Features**

## **Routes**

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

- For off-road use, you can set the device to calculate point-to-point routes in a straight line (*Straight Line Routes*, page 16).
- The device calculates a recommended route to your destination based on the preferences you set, including the route calculation mode (Changing the route calculation mode, page 47) and avoidances (Avoiding Delays, Tolls and Areas, page 46).
- You can start navigating to your destination quickly using the recommended route, or you can select an alternative route (Starting a route, page 44).
- If there are specific roads you need to use or avoid, you can customise the route (Adding a location to your route, page 46).
- You can add multiple destinations to a route (Adding a location to your route, page 46).

#### **Adventure Roads and Trails**

#### **⚠ WARNING**

Entering your vehicle profile characteristics does not guarantee that your vehicle's characteristics will be accounted for in all route suggestions. Limitations may exist in map data for some route suggestions. Always defer to all posted road signs and conditions during vehicle operation. Failure to do so could lead to an accident involving personal injury or death.

This device can navigate off-motorway roads and trails based on your vehicle profile. Trails ① are colour coded based on accessibility. You can select \bigset to set which adventure roads and trails appear on the map.



# **Straight Line Routes**

For areas without defined roads or trails, the device guides you to your destination using a straight line route. You can set multiple waypoints to navigate a route through areas without roads.



- 1 Distance to the destination.
- (2) Route highlighted on the map.
- (3) Vehicle speed.
- (4) Map tools. Provides tools to show you more information about your route and surroundings.
- (5) Map layers. Allows you to change the map orientation and add topographic and BirdsEye imagery to your map view.

## Skipping the Next Stop on Your Route

You can skip an upcoming location you previously added to your route.

From the map, select **\*\*\*** > **Yes**.

#### Stopping the route

From the map, select  $\equiv$  > **Stop**.

#### **Tracks**

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

# **Recording Tracks**

Tracking records your path. When you start tracking, your device logs your location and updates the track. If your device is paired with a Garmin Explore™ account, your device periodically synchronises recorded tracks with the app.

- 1 Select == > Adventure > Track Recorder.
- 2 Select Start.

#### Recording Tracks with inReach®

You can record your path using the track recorder and inReach team tracking simultaneously.

From the main menu, swipe to the left, and select inReach > > Tracking Sync.

## **Navigating a Track**

You can navigate a saved track using the Garmin Explore<sup>™</sup> app on your device.

- 1 Select -> Adventure > Explore > Tracks.
- 2 Select a track.
- 3 Select Go!.

# **Viewing Your Collections on the Map**

You can view your Garmin Explore™ collections directly on the map. You must enable the collections map layer to use this feature.

if you do not assign a collection category to your Garmin Explore data, it appears as an unorganised collection.

- 1 Select View Map > ♦ > Collections.
- 2 Select one or more collection categories from the list.
- 3 Select Save.

Your collections appear as icons on the map.

# Pitch and Roll

#### **⚠ WARNING**

The Pitch and Roll application is intended to show vehicle angles based on calibrated measurements only. You are responsible for calibrating the device. Changes to the position of the device after calibration may affect the accuracy of its measurements. Measured values are suggestions only based on your input into the device. Take readings often and carefully, and allow the readings to stabilise after significant changes in environmental conditions. Always allow a margin of safety for changing conditions and reading errors. Failure to account for your vehicle and your environment could cause an incident resulting in death or serious injury.

The device alerts you if your vehicle pitches or rolls at an angle that could affect the vehicle's stability.

# **Calibrating Pitch and Roll**

You can set the angle of your vehicle to zero at any time.

- 1 Park your vehicle on a flat, level surface.
- 2 Adjust the position of your device in the mount so you can comfortably view the screen.
- 3 From the main menu, swipe to the left and select Pitch and Roll > Calibrate.

The values for pitch and roll reset to 0 degrees.

#### **↑** WARNING

To maintain the best accuracy, you must calibrate pitch and roll each time you reposition your device.

#### **Adjusting Warning Angles**

You can adjust the angles at which the device activates a pitch or roll alert. You are responsible for knowing and setting the correct pitch and roll angle for your vehicle.

- 1 From the main menu, swipe to the left and select Pitch and Roll > = > Warning Angles.
- 2 Swipe up or down to adjust the pitch or roll warning angles.
- 3 Select Accept.

## **Enabling or Disabling Warning Angle Alerts**

- 1 From the main menu, swipe to the left and select **Pitch and Roll** > =.
- 2 Select an option:
  - To enable or disable pitch and roll notifications, select **Pitch and Roll Notifications**.
  - · To enable or disable audible alerts, select Audible Alerts.

# **Viewing the Altimeter, Barometer and Compass**

The device contains internal altimeter, barometer and compass sensors with automatic calibration.

Select == > Adventure > ABC.

**TIP:** you can also select the Altimeter or Barometer widget to open the ABC app.

#### Calibrating the compass

#### **NOTICE**

Calibrate the electronic compass outdoors. To improve heading accuracy, do not stand near metal objects or objects that influence magnetic fields, such as vehicles, electronic devices, buildings or overhead power lines.

When your device is connected to the mount, it uses GPS data to determine your compass heading. When you remove the device from the mount, it uses a built-in compass to show your heading.

Each time you disconnect your device from the mount, the device prompts you to calibrate the compass.

If you experience irregular compass behaviour, for example, after moving long distances or after extreme temperature changes, you can manually calibrate the compass to improve accuracy.

- 1 Disconnect the device from the mount and move away from objects that influence magnetic fields.
- 2 From the main menu, swipe to the left and select Altimeter > = > Calibrate Compass.
- 3 Follow the on-screen instructions.

# **Group Ride**

The Tread® - SXS Edition device supports radio group rides with a Group Ride accessory and mobile group rides with the Tread app.

Radio group rides support location sharing, preset text messaging and, in some regions, voice communication. All riders must have a Group Ride accessory and must remain within radio range of each other to send and receive group ride information.

Mobile group rides support location sharing only. Riders in a mobile group ride must maintain an internet connection on their phones to send and receive group ride information. Riders without a GPS device can create or join a mobile group ride using the Tread app.

You can be in a radio group ride and a mobile group ride at the same time.

## Starting a Group Ride

You can create a group ride that allows you to choose the group radio channel, view and remove riders who join your group ride and set the group ride name. You can create a group ride using a connected Group Ride mount, the Tread® app, or both.

- 1 From the main menu, select Group Ride > Start a Group Ride.
- 2 Select an option:
  - To start a group ride with riders that have a Group Ride mount, select Create a Radio Group Ride.
  - To start a group ride with riders using the Tread app, select Create a Mobile Group Ride.
- 3 If necessary, select the radio channel and select Next.
- 4 Enter your rider name and select **Done**.
- 5 Enter the ride name and select **Done**.

As riders join your group ride, their names appear on the list.

6 Select Start.

The group ride begins after all of the riders sync with the group ride.

#### Joining a Group Ride

You can join a group ride that was created by another rider.

- 1 From the main menu, select Group Ride > Join a Group Ride.
- Enter the Ride ID and select Done.
  - To join a radio group ride, select the group ride by the name.
  - To join a mobile group ride, select **Join with Ride ID** and enter the ride ID.

#### Rejoining a Recent Group Ride

You can rejoin any of your ten most-recent group rides.

- 1 From the main menu, select Group Ride > Recent Group Rides.
- 2 Select a recent group ride and select Join.

#### Adding Riders to a Radio Group Ride

You can add riders to a radio group ride that is already in progress.

- 1 From the main menu, select **Group Ride**.
- 3 Select Add.

As new riders join the group ride, they appear on the list.

4 Select Continue.

## **Broadcasting a Message**

#### **↑** WARNING

Do not read, send or reply to any messages while driving, because doing so can cause a distraction that could lead to an accident resulting in serious personal injury or death.

You can broadcast a preset message to the members in your active group ride that are in range of the VHF radio.

- 1 From the main menu, select Group Ride.
- 2 If necessary, select .
- 3 Select Broadcast to Group.
- 4 Select a preset message and select **Send**.

## **Broadcasting a Location**

#### 

While driving, do not interact with the display to broadcast your location, because doing so can cause a distraction that could lead to an accident resulting in serious personal injury or death.

You can broadcast a location to the members in your active group ride that are in range of the VHF radio.

- 1 From the main menu, select Group Ride.
- 2 If necessary, select .
- 3 Select Broadcast to Group > Broadcast a Location and select a location.
- 4 Select Share.

# Viewing a Group Ride Notification

#### **⚠ WARNING**

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

For most pages, a notification appears when the device receives a broadcasted group ride location or message. You can also view group ride notifications in the Group Ride app.

when you are viewing the map, new notifications appear in a map tool at the edge of the screen.

- 1 From the main menu, select **Group Ride** > , and select a notification.
- 2 Select Go! to navigate to a shared location.

#### Exiting a Group Ride

- 1 From the main menu, select **Group Ride**.
- 2 If necessary, select 48.
- 3 Select Exit > Yes.

#### **Group Ride Settings**

From the main menu, select **Group Ride** > \( \lambda \).

**Edit Rider Name**: allows you to set your name that displays during a group ride. This setting is not available during an active group ride.

**Rider Map Labels**: sets the label displayed for each active rider on the map.

Show Tracks on Map: shows the track that each group ride member takes on the map.

**Reset Default Settings**: allows you to reset all group ride settings to default values. This setting is not available during an active group ride.

## Radio

**NOTE:** this feature is not available on all product models.

You can use the Radio app to create radio presets, select a radio channel and select squelch codes. To use this feature, you must connect the device and the antenna to the Group Ride mount. The Tread® - SXS Edition device configures radio settings automatically when you join or create a group ride.

#### Selecting a Preset

- 1 From the main menu, select **\*\*\*** > **Adventure** > **Radio**.
- 2 Select an option:

- To move through the available presets, select ▲ or ▼.
- To select a preset from the menu, select Preset.

# **Selecting a Radio Channel**

- 1 From the main menu, select == > Adventure > Radio.
- 2 Select an option:

  - To select a MURS channel from the menu, select Channel.

## **Adjusting the Squelch**

You can adjust the squelch and change squelch modes to filter out unwanted noise and interference in your area.

- 1 From the main menu, select == > Adventure > Radio.
- 2 Select an option:
  - To choose a squelch code within the current mode, select + or -...
  - To select a squelch mode, select **Open** (Squelch Modes, page 21).

#### Sauelch Modes

Squelch modes allow you to filter out nearby radio users on the same channel as you.

**Open**: allows a traditional squelch setting to filter out static. You can increase the squelch level to filter out unwanted noise.

**CTCSS**: continuous Tone-Coded Squelch System uses an inaudible low-frequency tone before each transmission to filter out unwanted noise. You hear only others on the same radio channel who are using the same CTCSS tone frequency as you.

**DCS**: digital Code Squelch uses digital codes before each transmission to filter out unwanted noise. You hear only others on the same radio channel who are using the same DCS code as you.

The CTCSS and DCS squelch modes decrease your radio range slightly.

# **Adding a Custom Radio Preset**

- 1 Select : > Adventure > Radio > Preset > +).
- 2 Select + or to select a channel and squelch code.
- 3 Select Save.

#### Selecting a Roger Tone

You can select the tone other devices play when you operate your radio.

- 1 Select  **> Adventure > Radio > → > Roger Tone**.
- 2 Select a roger tone.

The device plays the selected tone.

3 Select Save.

#### **Turning the Radio Off**

Select == > Adventure > Radio > \omega > Yes.

#### **Enabling Push-to-Talk with a Headset**

You can enable push-to-talk controls for use with a compatible Bluetooth® headset. This allows you to transmit your voice using the voice dial feature on your headset.

- 1 Select : > Adventure > Radio > < > Push to Talk with Headset.
- 2 If necessary, follow the on-screen instructions to pair your headset with the device.
- 3 Select Push to Talk with Headset.
- 4 Select ✓.

#### **Transmitting Your Voice**

Before you can transmit your voice, you must pair your Tread® - SXS Edition device with a compatible Bluetooth® headset or connect the fist microphone.

You can transmit your voice over the radio using the connected fist microphone or a compatible Bluetooth headset.

Select an option:

- Hold the push-to-talk button on the side of the connected fist microphone (*Installing the Fist Microphone and Mount*, page 13).
- From the main menu, select **\*\*** > **Adventure** > **Radio** > **Push to Talk**.
- Use the voice dial feature on your connected Bluetooth headset (*Enabling Push-to-Talk with a Headset*, page 21).

**TIP:** you can press the pause or stop button to manually close the radio.

you must enable the Push to Talk with Headset setting to use this feature (Radio Settings, page 22).

# **Adjusting the Radio Volume**

- 1 Select  **> Adventure > Radio > ■** ))).
- 2 Use the slider bars to adjust the volume.

## **Radio Settings**

From the main menu, select == > Adventure > Radio > \lambda.

**Push to Talk with Headset**: enables you to transmit your voice using the push-to-talk button on your compatible headset.

**Roger Tone**: sets the roger tone the device plays when you operate your radio.

Reset Default Settings: resets all radio settings and presets to factory default values.

# inReach® Features

#### **↑** WARNING

Before you can use the inReach features of your Tread® SXS Edition device, including messaging, SOS, tracking and inReach™ Weather, you must have an active satellite subscription. Always test your device before you use it outdoors.

Ensure that you have a clear view of the sky when using the messaging, tracking and SOS functions, because these features require satellite access to operate properly.

#### NOTICE

Some jurisdictions regulate or prohibit the use of satellite communications devices. It is the responsibility of the user to know and follow all applicable laws in the jurisdictions where the device is intended to be used.

# Messages

Your Tread® SXS Edition device sends and receives text messages using the Iridium® satellite network. You can send messages to an SMS phone number, an email address or another device that uses inReach® technology. Each message you send includes your location details where allowed.

# Sending a Preset inReach® Message

Preset messages have predefined text and predetermined recipients. You must set up preset messages using the Garmin Explore<sup>™</sup> website at explore.garmin.com.

- 1 Select inReach > Presets.
- 2 Select a preset message and select **Send**.

## Sending a Text Message

- 1 Select inReach > Compose.
- 2 Select To:, and add one or more contacts.
- 3 Select Message:, and enter a message.
- 4 Select Send.

# Replying to a message

- 1 Select inReach.
- 2 Select a conversation, and select Reply.
- 3 Select an option:
  - To start with a pre-written message, select a quick text message from the top of the screen.
     you can add and edit quick text messages on the Garmin Explore™ website.
  - To write a custom message, enter a message.
- 4 Select Done.

## **Checking for Messages**

When you send a message, your device listens for replies for 10 minutes. The device also checks for new messages every hour. When you are using the inReach tracking feature, your device automatically checks for messages at your tracking interval.

to receive messages, your device must have a clear view of the sky and be in view of a satellite when it checks for the messages.

You can force a check for messages by manually checking for messages, sending a message or sending a track point. During a check, your device connects to satellites and receives messages waiting to be sent to your device.

Select inReach > Check.

#### **Navigating to a Message Location**

When you send or receive a message from another device with inReach technology, the message may include location information. For these messages, you can navigate to the location from which the message was sent.

- 1 Select inReach, and select a conversation.
- 2 Select a message with location information, and select Go!.

## **Deleting a Message**

1 Select inReach.

- Select a conversation.
- 3 Select Delete > Yes.

# **Tracking**

You can use the tracking feature on your Tread® SXS Edition device to record track points and transmit them over the Iridium® satellite network at the specified send interval. Track points appear on the Garmin Explore™ website and the MapShare™ tracking page.

## **Starting Tracking**

Select inReach > •

# **Stopping Tracking**

Select inReach > 0.

stopping tracking also pauses your activity recording.

## Sharing Your MapShare<sup>™</sup> Web Page

You can enable MapShare at explore.garmin.com.

You can share a link to your MapShare webpage with other people. The system automatically adds text, including link information, to the end of your message.

- 1 Select inReach > > Send MapShare.
- 2 Select To:, and add one or more contacts.
- 3 Select Message:, and enter a message.
- 4 Select Send.

## inReach® Tracking Settings

Select inReach > [%].

Tracking Sync: sets the device to use the track recorder and inReach tracking simultaneously.

**Auto Track**: sets the device to start tracking when you turn on the device.

**Send Interval**: sets the frequency at which the device records a track point and transmits it over the satellite network when you are moving. If you are on a professional plan, you can specify the interval when you are stationary.

#### SOS

#### **⚠ WARNING**

Before you can use the SOS function, you must have an active satellite subscription. Always test your device before you use it outdoors.

Ensure that you have a clear view of the sky when using the SOS function, because this feature requires satellite access to operate properly.

#### **NOTICE**

Some jurisdictions regulate or prohibit the use of satellite communications devices. It is the responsibility of the user to know and follow all applicable laws in the jurisdictions where the device is intended to be used.

During an emergency, you can use your Tread® SXS Edition device to contact the Garmin Response™ centre to request help. Pressing the SOS button sends a message to the Garmin Response team, and they notify the appropriate emergency responders of your situation. You can communicate with the Garmin Response team during your emergency while you wait for help to arrive. You should only use the SOS function in a real emergency situation.

# **Initiating an SOS Rescue**

#### **↑** CAUTION

While the device is in SOS mode, do not turn off or attempt to turn off the device. Doing so could prevent this feature from operating properly and could delay receipt of assistance in the event of an emergency.

1 Open the SOS door on the device 1.



- 2 Press the SOS button 2.
- 3 Wait for the SOS countdown.

The device sends a default message to the emergency response service with details about your location.

4 Reply to the confirmation message from the emergency response service.

Your reply lets the emergency response service know that you are capable of interacting with them during the rescue.

For the first 10 minutes of your rescue, an updated location is sent to the emergency response service every minute. To conserve battery power after the first 10 minutes, an updated location is sent every 10 minutes when moving and every 30 minutes when stationary.

## Cancelling an SOS Rescue

If you no longer need assistance, you can cancel an SOS rescue after it is sent to the emergency response service.

#### Select Cancel SOS.

Your device transmits the cancellation request. When you receive a confirmation message from the emergency response service, the device returns to normal operation.

# Syncing inReach® Data

You can sync data from your explore.garmin.com account to your device using the Tread® app. After you make edits to your data, such as plan changes, contacts, preset messages or quick text messages, you must sync them to your device using the mobile app.

Open the Tread app.

Changes made to data such as collections, waypoints, routes and tracks update automatically.

You can now sync your data to your Tread SXS Edition device.

#### **Contacts**

You can add, delete and edit contacts on the Tread® SXS Edition device.

#### **Adding a Contact**

- 1 Select inReach > ⁴ > inReach Contacts > New Contact.
- 2 Enter the new information.
- 3 Select Save.

#### **Editing a Contact**

- 1 Select inReach > → > inReach Contacts.
- 2 Select a contact.
- 3 Select an item to edit.
- 4 Enter the new information.
- 5 Select Save.

# **Deleting a Contact**

- 2 Select a contact.
- 3 Select > Yes.

# **Data Use and History**

You can view plan details and data use on the Tread® SXS Edition device.

# **Viewing Plan and Usage Details**

Select inReach > \ > About This Device.

# **Using the Map**

You can use the map to navigate a route (Your route on the map, page 44) or to view a map of your surroundings when no route is active.

- 1 Select View Map.
- 2 Select anywhere on the map.
- 3 Select an option:
  - · Drag the map to pan left, right, up, or down.
  - To add or remove map layers such as topographic and BirdsEye imagery, select ♦.
  - To zoom in or out, select 

    → or 

    —.
  - To switch between North Up, 2-D and 3-D views, select ▲.
  - To open the route planner, select ♣ (Route Planner, page 33).
  - To start a route, select a location on the map and select **Go!** (Starting a route by using the map, page 44).

# Map tools

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

Stop: stops navigation of the active route.

Edit Route: allows you to re-route or skip locations in your route (Changing Your Active Route, page 46).

Mute: mutes the device audio.

**Towns Ahead**: shows upcoming towns and services along your active route or along a motorway (*Towns Ahead*, page 28).

**Up Ahead**: shows upcoming locations along the route or the road on which you are travelling (*Up ahead*, page 27).

**Elevation**: displays elevation changes ahead.

**Traffic**: displays traffic conditions along your route or in your area (*Viewing upcoming traffic*, page 29). This feature is not available in all areas or for all device models.

Trip Data: displays customisable trip data, such as speed or mileage (Viewing trip data from the map, page 28).

Track Recorder: displays the track data for your active route.

**Turns**: displays a list of upcoming turns in your route (*Viewing turns and directions*, page 45).

**Weather**: displays weather conditions for your area.

Music Player: displays media controls and media information.

**Smart Notifications**: displays recent smart notifications from your connected phone (*Smart Notifications*, page 41).

Pitch and Roll: displays the current angle of your vehicle (Pitch and Roll, page 18).

**Group Ride**: displays the distance and direction of the members in your group ride (*Group Ride*, page 19).

**Radio**: allows you to use the push-to-talk feature with a compatible Bluetooth® headset (*Enabling Push-to-Talk with a Headset*, page 21).

**Environmental Zones**: shows upcoming environmental zones that apply to your vehicle.

**inReach**: allows you to view and send inReach® messages, and start inReach tracking (*inReach® Features*, page 23).

## Viewing a map tool

- 1 From the map, select =.
- 2 Select a map tool.

The map tool appears in a panel at the edge of the map.

3 When you have finished using the map tool, select X.

## Up ahead

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

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

# Viewing upcoming locations

- 1 From the map, select = > Up Ahead.
  - While you are travelling, the map tool shows the next location along your road or route.
- 2 Select an option:
  - If the map tool shows categories, select a category to view a list of nearby locations in that category.
  - If the map tool shows upcoming locations, select a location to view location details or start a route to the location

# Customising the up ahead categories

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

- 1 From the map, select  $\equiv$  > Up Ahead.
- 2 Select a category.
- 3 Select 🔦.
- 4 Select an option:
  - To move a category up or down in the list, select and drag the arrow next to the category name.
  - To change a category, select the category.
  - To create a custom category, select a category, select Custom Search and enter the name of a business or category.
- 5 Select Save.

## **Towns Ahead**

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

# **Viewing Upcoming Towns and Exit Services**

- 1 From the map, select = > Towns Ahead.
  - While you are travelling along a motorway or an active route, the map tool shows information about upcoming towns and exits.
- 2 Select a town.
  - The device shows a list of points of interest located at the selected town exit, such as fuel stations, lodging or restaurants.
- 3 Select a location, and select Go! to start navigating.

# **Trip information**

## Viewing trip data from the map

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

#### Customising the trip data fields

- 1 From the map, select **=** > **Trip Data**.
- 2 Select a trip data field.
- 3 Select an option.

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

#### Resetting trip information

- 1 From the map, select **Speed**.
- 2 Select a trip information data field.
- 3 Select **=** > **Reset Field(s)**.
- 4 Select an option:
  - When not navigating a route, select Select All to reset every data field on the first page except the speedometer. Select All
  - Select Reset Overall Data to reset Trip A and total data.
  - · Select **Reset Max. Speed** to reset the maximum speed.
  - · Select Reset Trip Bto reset the odometer.

# **Viewing Upcoming Elevation Changes**

You can view upcoming elevation changes along your route. This can help you avoid or plan for steep uphill or downhill grades.

- 1 From the map, select = > Elevation.
- 2 Select the chart to expand it to the full screen.

The device displays your current elevation and a chart of elevation over distance.

- 3 Select an option:
  - Select  $\blacksquare$  or  $\blacksquare$  to change the distance range of the chart.
  - Select the arrows to scroll the chart

# Viewing upcoming traffic

#### NOTICE

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

Before you can use this feature, your device must be receiving traffic data (Traffic, page 48).

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

- 1 While navigating a route, select **=** > **Traffic**.

  The nearest upcoming traffic incident appears in a panel on the right side of the map.
- 2 Select the traffic incident to view additional details.

## Viewing traffic on the map

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

- 1 From the main menu, select **\*\* > Navigation > Traffic**.
- 2 If necessary, select **=** > **Legend** to view the legend for the traffic map.

# Searching for traffic incidents

- 1 From the main menu, select **\*\* > Navigation > 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.

# **Customising the map**

#### **Customising the map layers**

- 1 From the map, select \ointiles > Layers.
- 2 Under Map Type, select a map type.
  - With some map types, you can select ●●● > **Hybrid Map** to combine two map types.
  - the Satellite Imagery map only shows satellite images for areas where you have downloaded satellite imagery (*Downloading Outdoor Maps+ Content*, page 29).
- 3 Under Map Details, select the types of information to display over the map.
  - **NOTE:** some layers are incompatible with each other and cannot be enabled at the same time. Enabling a layer automatically disables any incompatible layers.
  - NOTE: some map layers require an Outdoor Maps+ subscription.

#### **Downloading Outdoor Maps+ Content**

Before you can download Outdoor Maps+ content, you must purchase an Outdoor Maps+ subscription. Go to garmin.com/outdoormaps for more information.

You must connect your device to Wi-Fi® before you can download Outdoor Maps+ content (Connecting to a Wireless Network, page 58).

To see Outdoor Maps+ content on the map, you must download the content for a specific area.

**NOTE:** some Outdoor Maps+ layers are available only in certain areas.

- 1 Select 🔅 > Map Display > Map Manager > Outdoor Maps+ > Download Maps.
- 2 Drag the map and pinch to zoom in and out on the map until the highlighted rectangle covers the area for which you want to download map data.

**TIP:** as you change the size of the area, the total download size and your current disk usage appear at the top of the screen.

- 3 Select **\$**.
- 4 Select each map layer you want to download.

**TIP:** you can touch ●●● to see information about each map layer.

The selected map layers are marked with a tick mark.

- 5 Select <
- 6 Select **±** to start downloading.

You can continue using your device while it downloads Outdoor Maps+ content.

#### Viewing the Map Key

Elements on each map layer are colour-coded to represent different information. You can view the map key to see what each colour represents.

Select ♦ > (i).

# **Enabling Adventure Roads and Trails Map Layers**

You can enable or disable map layers that display accessible or inaccessible roads for different types of motor vehicles.

- 1 Select ♥ > Map Display > Map Layers > 1 > Adventure Roads & Trails.
- 2 Select a road or trail type.

# Changing the map data field

- 1 From the map, select a data field.
  - NOTE: you cannot customise Speed.
- 2 Select a type of data to display.

## **Changing the Map Buttons**

- 1 From the map, hold a map button.
- 2 Select an option:
  - · To replace a map button, select a map button and select a map button to display.
  - To remove a map button, select m.
- 3 Select Save.

# Changing the map perspective

- 1 Select ♥ > Map Display > 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.
  - Select Auto Zoom to Group to automatically adjust the zoom level so all riders in a group ride are visible on the map.
- 3 Select Save.

# Dog tracking

The dog tracking features allow you to see information transmitted from your handheld dog device on your Tread\* - SXS Edition device. You can navigate to your dogs, view their current status and location, and observe the distance they have travelled.

# **Receiving Data From Your Handheld Device**

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

Place your handheld dog device within 3 m (10 ft) of your Tread® - SXS Edition device.

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

The devices connect and synchronise automatically.

# **Tracking Your Dogs**

1 Select -> Adventure > Dog Tracker.

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

2 Select a dog.

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

3 Select Go! to navigate to your dog.

#### **Dog Status Icons**

Icons indicate the status and location of your dogs.

A	Sitting
(0)	Running
165 177	On point
A	Has an animal up a tree
?	Unknown*
	Collar battery low
<b>&amp;</b>	Collar connection lost
<b>&amp;</b>	Collar GPS reception lost

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

# Viewing Your Dogs on the Map

- 1 While viewing the map, select anywhere on the map.
- 2 Select ⋈.

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

# Using the apps

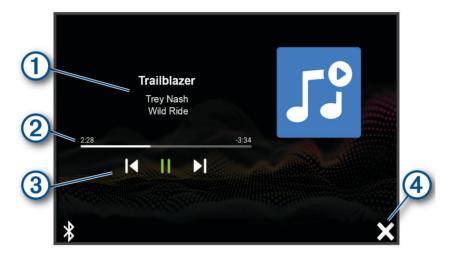
# Viewing the Owner's Manual on Your Device

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

- Select > Tools > Owner's Manual.
  The owner's manual appears in the same language as the software text.
- **2** Select **Q** to search the owner's manual (optional).

# **Music Player**

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



- Information about the currently playing media, such as title, artist, album, station or channel.
- (2) Progress through the current media item.
- 3 Playback controls. The controls change based on the service providing the media.
- (4) Select to hide or shrink the media player.

#### Adding the Music Player Tool to the Map

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

- 1 Open the map.
- 2 Select **=** > Music Player.

  The music player controls appear on the map.

#### **Great Rides**

#### **⚠ WARNING**

This feature allows you to follow rides and routes generated by third parties. Garmin® makes no representations about the accuracy, reliability, completeness or timeliness of routes generated by third parties. Any use or reliance on such routes is at your own risk.

You can use the Great Rides feature to bookmark and navigate popular rides. You can rate rides and share photos using the Tread® app on your smartphone.

#### **Bookmarking a Ride**

You can view and bookmark rides using the Tread® app on your smartphone. Bookmarked rides automatically sync with your Tread - SXS Edition navigator while it is connected to the Tread app.

- 1 From the Tread app on your smartphone, select = > Great Rides.
- 2 Select an option:
  - To view a list of popular rides in your region, select Top Rides.

- · To view a list of nearby rides, select **Nearby**.
- Select a ride.
- 4 Select Add Bookmark.

## **Synchronising Great Rides**

Bookmarked rides synchronise automatically when you open the Great Rides app on your Tread® - SXS Edition navigator while you are connected to the Tread app on your smartphone. You can also synchronise data manually at any time.

- 1 Select == > Great Rides.
- 2 If necessary, select .

# **Navigating a Bookmarked Ride**

Before you can navigate to a bookmarked ride, you must synchronise the Great Rides app on your Tread® - SXS Edition navigator with the Tread app on your smartphone (Synchronising Great Rides, page 33).

- 1 Select == > Great Rides.
- 2 Select a ride.
- 3 Select the starting point for your ride, and select Go!.
- **4** Select the next destination, and select **OK**. The device calculates a route to the starting point you selected.
- 5 Select Start.

After you navigate a bookmarked ride, you can rate the ride and share photos using the Tread app on your smartphone.

# **BirdsEye Direct Satellite Imagery**

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

# **Downloading BirdsEye Direct Satellite Imagery**

Before you can download BirdsEye direct satellite imagery directly to your device, you must connect to a wireless network (*Connecting to a Wireless Network*, page 58).

If you have an active Outdoor Maps+ subscription, you must download satellite imagery using the map manager (Downloading Outdoor Maps+ Content, page 29).

- 1 Select == > Adventure > BirdsEye Direct.
- 2 Select Outdoor Maps+ > Download Satellite Imagery.
- 3 If necessary, select  $\mathcal{P}$  and search for a location.
- 4 Zoom and scroll the map to show the area where you want to view satellite imagery.
- 5 Select <u>₹</u>.

#### **Route Planner**

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

#### Planning a Route

A route can include many stops and shaping points, and it must include at least a starting location and one destination.

- 1 Select  **> Navigation > Route Planner > ★**.
- 2 Search for or select a location on the map to be the starting point for this route.
- 3 If necessary, select a route calculation mode for the route segment.
- 4 Select an option:
  - · If the next point along your route is a stop, select **Stop**.
  - · If the next point in your route is a shaping point, select Shaping.
- **5** If necessary, add additional stops or shaping points.

the last stop you add is the route destination.

- 6 If necessary, select  $\equiv$  to rearrange the order of stops and shaping points along the route.
- 7 After you have finished planning the route, select \(\frac{1}{2}\).

## **Editing and Reordering Locations in a Route**

- 1 Select **\*\*\*** > Navigation > Route Planner.
- 2 Select a saved route.
- 3 Select List.
- 4 Select a location.
- 5 Select an option:

  - To move the location up or down, select  $\hat{x}$  and drag the location to a new position in the route.
  - To add a new location after the selected location, select (+).
  - To remove the location, select m.

# **Changing Routing Options for a Route**

You can customise how the device calculates your route.

- 1 Select -> Navigation > Route Planner.
- 2 Select a saved route.
- 3 Select ......
- 4 Select an option:
  - To change the calculation mode for the route, touch a route segment and select a calculation mode.
  - To add shaping points to your route, touch a route segment, select Insert > Shaping and select at least one location.
- 5 Select ✓ to confirm your changes.
- 6 Select 🖰.

## **Navigating to a Saved Route**

- 1 Select :- > Navigation > Route Planner.
- 2 Select a saved route.
- 3 Select Go!.
- 4 Select the first location to navigate to and select **OK**.
- 5 Select Start.

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

## **Editing Your Active Route**

- 1 Drag the map to reveal the 4 icon.
- 2 Select ₹.
- 3 Select an option:
  - To recalculate the route to your next stop using a different route calculation mode, select the new calculation mode.
  - To add a stop or shaping point before your next stop, select **Insert**.
    - You can select Q to search for a location, or you can select a point on the map to add it to your route.
  - To rearrange the order of the stops and shaping points along your route, select \equiv .
- **4** When you have finished editing the route, select **√**.

#### **Saving Your Active Route**

- 1 Drag the map to reveal the \*\* icon.
- 2 Select ♣<sup>†</sup>.
- 3 Select ✓.
- 4 Select to save the route.
- 5 If necessary, edit the name of the route and select **Done**.

#### TracBack<sup>®</sup>

## Following your recent track

The TracBack® feature records the most recent segment of your movement. You can retrace your recent track back to a previous location.

1 Select == > Adventure > TracBack.

Your recent track appears on the map.

2 Select Go!.

## Saving Your Recent Track as a Route

You can save your recent track as a route, which you can navigate later using the route planner (*Navigating to a Saved Route*, page 34).

1 Select TracBack.

Your recent track appears on the map.

- 2 Select > Save as Route.
- 3 Enter a name and select Done.

# Viewing the weather forecast

Before you can use this feature, your device must be receiving weather data. You can connect your device to the Tread® app to receive weather data (*Pairing with Your Smartphone*, page 40).

1 From the home screen, select the weather widget.

The device shows the current weather conditions and a forecast for the next several days.

2 Select a day.

The detailed forecast for that day appears.

## Viewing weather near a different town

- 1 Select :- > Navigation > Weather > Current Location.
- 2 Select an option:
  - · To view weather for a favourite town, select a town in the list.
  - · To add a favourite town, select Add Town, and enter a town name.

#### Viewing the weather radar

Before you can use this feature, your device must be connected to a supported phone running the Tread® app (Pairing with Your Smartphone, page 40).

- 1 Select == > Navigation > Weather Radar.
- 2 Select ▶ to animate the radar map.

#### Viewing weather alerts

Before you can use this feature, your device must be connected to a supported phone running the Tread® app (Pairing with Your Smartphone, page 40).

**NOTE:** this feature is not available in all areas.

While you are travelling with your device, weather alerts may appear on the map. You can also view a map of weather alerts near your current location or near a selected town.

- 1 Select -> Navigation > Weather.
- 2 If necessary, select a town.
- 3 Select = > Weather Alerts.

#### **Checking road conditions**

Before you can use this feature, your device must be connected to a supported phone running the Tread® app (Pairing with Your Smartphone, page 40).

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

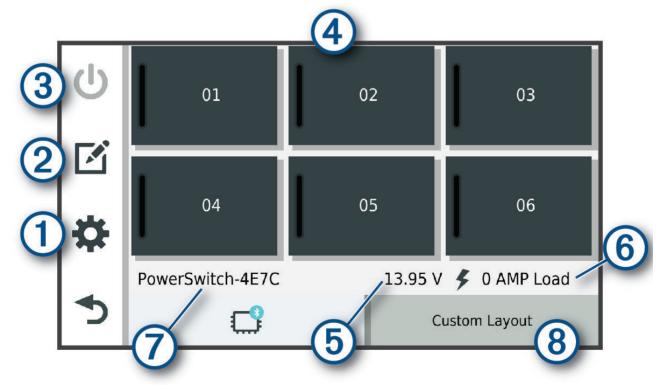
- 1 Select == > Navigation > Weather.
- 2 If necessary, select a town.
- 3 Select = > Road Conditions.

# **Creating a Round-Trip Route**

The device can create a round-trip route using a specified starting location and a distance, duration or destination.

- 1 From the main menu, select -> Navigation > Round Trip.
- 2 Select Start Location.
- 3 Select a location, and select **Select**.
- 4 Select Trip Attributes.
- 5 Select an option:
  - Select **Choose a Distance** to plan your route by distance.
  - · Select Choose a Duration to plan your route based on time.
  - Select **Choose a Destination** to plan your route based on a specified location.
- 6 Select Next.
- 7 Enter a distance, duration or destination.
- 8 Select an option:
  - If you entered a distance or duration, select **Done**.
  - · If you selected a destination, select Select.
- 9 Select Add a Direction.
- 10 Select a direction and select Next.
- 11 Select Road Type.
- 12 Select a road type, and select Save.
- 13 Select Calculate.
- 14 Select one or more options:
  - Select \( \frac{1}{2} \) to view elevation statistics along your route.
  - Select لهر to shape your route.
  - · Use the slider to increase or decrease the level of adventure on your route.
- 15 Select a route, and select Go!.

# **Garmin PowerSwitch™ App**



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

### **Activating a Power Switch**

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

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

## **Turning Off All Switches**

Select (b.

#### **Customising a Button**

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

## Assigning a Switch to a Control Input

Before you can use control input functions, you must connect a control input to your Garmin PowerSwitch™ device (Connecting a Control Input, page 68).

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

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

#### **Adding a Custom Layout**

You can add a custom layout tab to the Garmin PowerSwitch $^{\text{\tiny M}}$  app. Buttons added to a custom layout can control multiple switches at the same time.

- 1 From the Garmin PowerSwitch app, select ✓. The device enters editing mode.
- 2 Select <del>+</del>.

#### Adding a Button to a Custom Layout

- 1 From the Garmin PowerSwitch™ app, select a custom layout tab.
- 2 Select .

The app enters editing mode.

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

You can add one action for every switch on the Garmin PowerSwitch device.

#### **Arranging Buttons In a Custom Layout**

- 1 From the Garmin PowerSwitch<sup>™</sup> app, select a custom layout tab.
- 2 Select 1.

The app enters editing mode.

3 On the button that you want to move, hold  $\frac{\kappa}{2}$  and drag the button to a new location.

## **Deleting a Custom Layout or Button**

- 1 From the Garmin PowerSwitch™ app, select a custom layout tab.
- 2 Select 2.

The app enters editing mode.

- 3 Select an option:
  - To delete a button, select in on the button you want to delete.
  - To delete a layout tab, select in on the layout tab.

#### Routines

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

#### **Adding a Routine**

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

- 7 If necessary, use the slider to adjust the dimmer.
- 8 Select Save.

### **Editing a Routine**

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

## **Deleting a Routine**

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

## Live services, traffic and smartphone features

#### **↑** WARNING

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

#### **NOTICE**

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

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

**Live traffic data**: sends live traffic data to your device, such as traffic incidents and delays, construction zones and road closings (*Traffic*, page 48).

**Weather information**: sends real-time weather forecasts, road conditions and weather radar to your device (*Viewing the weather forecast*, page 35).

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

Hands-Free calling: allows you to place and receive phone calls through the device using your connected Bluetooth® headset.

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

## Bluetooth® Feature status icons

Status icons appear in the Bluetooth settings next to each paired device.

Select 🌣 > Bluetooth.

- A grey icon indicates the feature is disabled or disconnected for that device.
- · A coloured icon indicates the feature is connected and active for that device.

C	Hands-free calling	
	Smart notifications	
Tunt,	Tread® features and services	

## **Pairing with Your Smartphone**

You can pair your Tread® - SXS Edition device with your smartphone and the Tread app to enable additional features and access live information (*Live services, traffic and smartphone features*, page 40).

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

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

#### Tips after pairing the devices

- After the initial pairing, the two devices can connect automatically each time you turn them on.
- When you turn on the device, it tries to connect to the last phone to which it was connected.
- You might need to set your phone to connect to the device automatically when the device is turned on.
- You should verify that the Bluetooth® features you want to use are enabled (*Enabling or Disabling Bluetooth Features*, page 42).

#### Pairing Additional Bluetooth® Devices

- 1 Place your headset or phone and your Bluetooth device within 33 ft. (10 m) of each other.
- 2 On your device, enable Bluetooth wireless technology.
- 3 On your headset or phone, enable Bluetooth wireless technology and ensure it is visible to other Bluetooth devices.
- 4 On your device, select ♣ > Wireless Networks > Bluetooth > Pair new device. A list of nearby Bluetooth devices appears.

- 5 Select your headset or phone from the list.
- 6 If necessary, select Pair.

#### **Smart Notifications**

While your device is connected to the Tread® app, you can view notifications from your smartphone on your Tread - SXS Edition device, such as text messages, incoming calls, and calendar appointments.

## **Receiving notifications**

#### **↑** WARNING

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

Before you can use this feature, your device must be connected to a supported phone running the Tread® app (*Pairing with Your Smartphone*, page 40).

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

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

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

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

### Receiving notifications while viewing the map

#### *↑* **WARNING**

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

Before you can use this feature, your device must be connected to a supported phone running the Tread® app (*Pairing with Your Smartphone*, page 40).

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

- To ignore a notification, select X or wait for the pop-up to expire.
  - The pop-up closes, but the notification remains active on your phone.
- · To view a notification, select the notification text.
- To listen to the notification, select Play Message.

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

#### Viewing the list of notifications

You can view a list of all active notifications.

1 Select == > Navigation > Smart Notifications.

The list of notifications appears. Unread notifications appear black, and previously read notifications appear grey.

- 2 Select an option:
  - · To view a notification, select the notification description.
  - To listen to a notification, select .

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

## Hands-free calling

**NOTE:** while most phones and headsets are supported and can be used, a particular phone or headset cannot be guaranteed to be compatible. All features may not be available for your phone.

Using Bluetooth wireless technology, your device can connect to your compatible mobile phone and wireless headset or helmet to become a hands-free device. To check compatibility, go to www.garmin.com/bluetooth.

## Placing a call

- 1 Select == > Tools > Phone.
- 2 Select an option:
  - To dial a number, select  $\frac{1}{100}$  enter the phone number and select  $\checkmark$ .
  - To view numbers of recent, missed, or recently dialled or received calls, select ①, select a log, and select a number to dial it.
  - To call a contact from your phone book, select 
     and select a contact.

## **Using in-call options**

In-call options appear when you answer a call. Some options may not be compatible with your phone.

TIP: if you close the in-call options page, you can open it again by selecting \( \screen \) from any screen.

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

**TIP:** you can use this feature if you want to disconnect the Bluetooth® connection and remain on the call, or if you need privacy.

To use the dial pad, select Keypad.

**TIP:** you can use this feature to use automated systems, such as voice mail.

- To mute the microphone, select **Mute**.
- · To hang up, select End Call.

## Saving a Phone Number as a Preset

You can save up to three contacts as presets on the dial pad. This allows you to quickly call your home phone number, family members, or frequently called contacts.

- 1 Select == > Tools > Phone.
- 2 If necessary, select ::::
- 3 Select a preset number, such as **Preset 1**.
- 4 Select OK, then select a contact.

## **Enabling or Disabling Bluetooth Features**

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

- 1 Select ♥ > Wireless Networks > Bluetooth.
- 2 Select your phone name.
- 3 Select a feature to enable or disable it.

#### Showing or hiding app notifications (Android™)

You can use the Tread® app to customise which types of smartphone notifications appear on your Tread - SXS Edition device.

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

## Showing or hiding notification categories for your Apple® device

If you are connected to an Apple device, you can filter the notifications shown on your Tread® - SXS Edition device by showing or hiding categories.

- 1 Select **==** > Tools > Smart Notifications > **\%**.
- 2 Select the tick box next to each notification to show.

## **Enabling or Disabling Bluetooth® Features for Your Headset**

By default, all compatible Bluetooth features are enabled when you pair your headset. You can enable or disable certain features.

- 1 Select □ > Wireless Networks > Bluetooth.
- 2 Select the headset name, and select .
- 3 Select an option:
  - To disconnect the headset, select **Disconnect**.
  - · To disable audio from phone calls, select Phone calls.
  - · To disable audio from streaming media, select Media Audio.

## Disconnecting a Bluetooth® device

You can temporarily disconnect a Bluetooth device without deleting it from the paired devices list. The Bluetooth device can connect to your Tread® - SXS Edition device automatically in the future.

- 1 Select 

  → > Wireless Networks > Bluetooth.
- 2 Select the device to disconnect.
- 3 Select Disconnect.

## Deleting a paired phone

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

- 1 Select > Wireless Networks > Bluetooth.
- 2 Select the phone, then select Forget.

## **Street Navigation**

## Starting a route

- 1 Select Where To, and search for a location (Finding and saving locations, page 50).
- 2 Select a location.
- 3 Select an option:
  - · To start navigating using the recommended route, select Go!.
  - To choose an alternative route, select \( \forall \) and select a route.
     Alternative routes appear to the right of the map.
  - To edit the course of the route, select **∀** > **Edit Route** and add shaping points to the route (*Adding a location to your route*, page 46).

The device calculates a route to the location and guides you using voice prompts and information on the map (*Your route on the map*, page 44). A preview of the major roads in your route appears at the edge of the map for several seconds.

If you need to stop at additional destinations, you can add the locations to your route (*Adding a location to your route*, page 46).

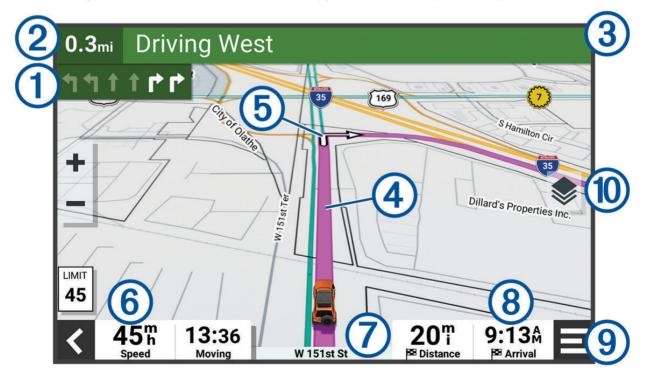
## Starting a route by using the map

You can start a route by selecting a location from the map.

- 1 Select View Map.
- 2 Drag and zoom the map to display the area to search.
- 3 Select a location on the map.
- 4 Select Go!.

## Your route on the map

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



- 1 Next action in the route. Indicates the next turn, exit, or other action and the lane in which you should travel, if available.
- 2 Distance to the next action.

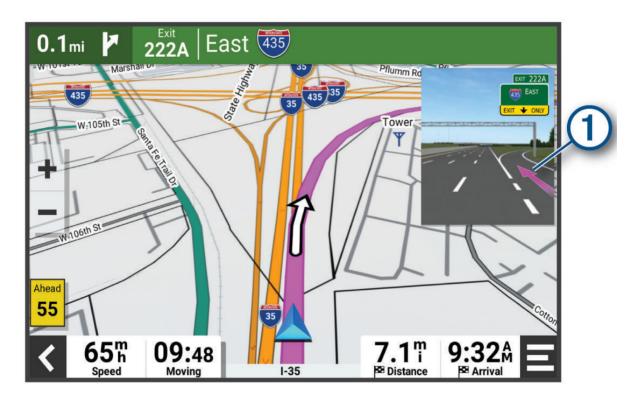
- (3) Name of the street or exit associated with the next action.
- (4) Route highlighted on the map.
- (5) Next action in the route. Arrows on the map indicate the location of upcoming actions.
- (6) Vehicle speed.
- Name of the road on which you are travelling.
- (8) Estimated arrival time.

TIP: you can touch this field to change the information it shows.

- (9) Map tools. Provides tools to show you more information about your route and surroundings.
- (10) Map layers. Allows you to change the map orientation and add topographic and BirdsEye imagery to your map view.

## Active lane guidance

As you approach some turns, exits, or interchanges in your route, a detailed simulation of the road appears beside the map, if available. A coloured line ① indicates the proper lane for the turn.



#### Viewing turns and directions

While navigating a route, you can view next turns, lane changes, or other directions for your route.

- 1 From the map, select an option:
  - To view next turns and directions as you navigate, select = > Turns.
     The map tool displays the next several turns or directions beside the map. The list updates automatically as you navigate the route.
  - To view the complete list of turns and directions for the entire route, select the text bar at the top of the map.
- 2 Select a turn or direction (optional).

  Detailed information appears. An image of the junction may appear for junctions on major roads, if available.

#### Viewing the Entire Route on the Map

- 1 While navigating a route, select anywhere on the map.
- 2 Select 5.

## **Changing Your Active Route**

## Adding a location to your route

Before you can add a location to your route, you must be navigating a route (Starting a route, page 44).

You can add locations to the middle or end of your route. For example, you can add a petrol station as the next destination in your route.

- 1 From the map, select **<** > Where To.
- 2 Search for a location (Finding and saving locations, page 50).
- 3 Select a location.
- 4 Select Go!.
- 5 Select an option:
  - To add the location as the next destination in your route, select Add as Next Stop.
  - · To add the location to the end of your route, select Add as Last Stop.
  - To add the location and edit the order of destinations in your route, select Add to Active Route.

The device re-calculates the route to include the added location and guides you to the destinations in order.

#### **Shaping Your Route**

Before you can shape your route, you must start a route (Starting a route, page 44).

You can manually shape your route to change its course. This allows you to direct the route to use a certain road or go through a certain area without adding a destination to the route.

- 1 Select anywhere on the map.
- 2 Select Shape Route.

**TIP:** you can select + to zoom in on the map and select a more precise location.

The device enters route-shaping mode and recalculates the route to travel through the selected location.

- 3 Select Go!.
- 4 If necessary, select an option:
  - To add more shaping points to the route, select additional locations on the map.
  - To remove a shaping point, select the shaping point and select **Remove**.

## **Avoiding Delays, Tolls and Areas**

#### Avoiding traffic delays on your route

Before you can avoid traffic delays, you must be receiving traffic information.

By default, the device optimises your route to avoid traffic delays automatically. If you have disabled this option in the traffic settings (*Traffic Settings*, page 59), you can view and avoid traffic delays manually.

- 1 While navigating a route, select = > Traffic.
- 2 Select Alternative Route, if available.
- 3 Select Go!.

#### **Avoiding toll roads**

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

- 1 Select **☼** > Navigation > Avoidances > Toll Roads.
- 2 Select Save.

### **Avoiding toll stickers**

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

**NOTE:** this feature is not available in all areas.

- 1 Select 🗘 > Navigation > Tolls and Fees > Toll Stickers.
- 2 Select a country.

- 3 Select an option:
  - · To be asked each time before routing through an area that requires toll stickers, select Always Ask.
  - · To always avoid roads that require toll stickers, select **Avoid**.
  - To always allow roads that require toll stickers, select **Allow**.

#### **Avoiding road features**

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

#### **Custom Avoidances**

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

#### Avoiding a road

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

#### Avoiding an area

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

#### Disabling a custom avoidance

You can disable a custom avoidance without deleting it.

- 1 Select 

  → Navigation > Custom Avoidances.
- 2 Select a created avoidance.
- 3 Select = > Disable.

#### **Deleting custom avoidances**

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

### Arriving at your destination

When you approach your destination, the device provides information to help you complete your route.

- Implicates the location of your destination on the map, and a voice prompt announces you are approaching your destination.
- When you approach some destinations, the device automatically suggests parking areas. You can select More to view a full list of suggested parking areas (*Parking Near Your Destination*, page 48).
- When you stop at your destination, the device automatically ends the route. If the device does not detect your arrival automatically, you can select **=** > **Stop** to end your route.

## Changing the route calculation mode

- 1 Select 🗘 > Navigation > Calculation Mode.
- 2 Select an option:
  - Select **Turn-by-Turn** to calculate routes on streets that are faster to drive but can be longer in distance.
  - Select **Straight Line** to calculate off-road, point-to-point routes in a straight line.

## Taking a Route Using Garmin Adventurous Routing™

Your device can calculate adventurous routes that prefer curvy roads, hills and fewer motorways. This feature can provide a more enjoyable ride, but it may increase the time or distance to your destination. The Garmin Adventurous Routing feature is not compatible with off-road trails.

**NOTE:** this feature is not available on all device models or for all map regions.

- 1 Select Where To > Categories.
- 2 If necessary, select a subcategory.
- 3 Select a location.
- 4 Select ▲≥.
- 5 Use the slider to increase or decrease the level of adventure of your route.
- 6 Select Go!

## Taking a detour

You can take a detour for a specified distance along your route or detour around specific roads. This is useful if you encounter construction zones, closed roads or poor road conditions.

- 1 From the map, select **=** > Edit Route.
- 2 Select an option:
  - To re-route for a specific distance, select **Detour by Distance**.
  - · To detour around a specific road on the route, select **Detour by Road**.

## **Going home**

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

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

## **Editing your home location**

- 1 Select Where To > = > Set Home Location.
- 2 Enter your home location.

## **Parking Near Your Destination**

Your device can help you find a parking spot near your destination. When you approach some destinations, the device automatically prompts you to search for parking.

- 1 Select an option:
  - When the device prompts you, select Yes to search for nearby parking.
  - If the device does not prompt you, select Where To > Categories > Parking and select ♥ > My Destination.
- 2 Select a parking location and select Go! > Add as Next Stop.

The device guides you to the parking area.

### **Traffic**

## **NOTICE**

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

Your device can provide information about traffic on the road ahead or on your route. You can set your device to avoid traffic when calculating routes, and to find a new route to your destination if a large traffic delay occurs on your active route (*Traffic Settings*, page 59). The traffic map allows you to browse the map for traffic delays in your area.

To provide traffic information, your device must be receiving traffic data.

All product models can receive subscription-free traffic data using the Tread® app.

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

## Receiving traffic data using your smartphone

Your device can receive subscription-free traffic data while connected to a smartphone running the Tread® app.

- 1 Connect your device to the Tread app (Pairing with Your Smartphone, page 40).
- 2 On your Tread SXS Edition device, select 🌣 > Traffic > Traffic, and verify that the Garmin Live Traffic option is selected.

## Viewing traffic on the map

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

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

## **Searching for traffic incidents**

- 1 From the main menu, select = > Navigation > 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.

## Finding and saving locations

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

From the main menu, select Where To.

- To quickly search all locations on your device, select **Qsearch** (*Finding a location using the search bar*, page 50).
- To find an address, select Address.
- To browse or search pre-loaded points of interest by category, select **Categories** (*Finding a location by category*, page 51).
- To search near a different town or area, select ♥ next to the current search area (Changing the search area, page 51).
- To view and edit your saved locations, select Waypoints (Saving Locations, page 55).
- To view locations you have recently selected from the search results, select History (Viewing history, page 54).
- To search for motor home parks and campgrounds, select **Ultimate Public Campgrounds** (Finding Ultimate Campgrounds points of interest, page 52).
- To browse and search Tripadvisor® traveller ratings, select **Tripadvisor** (Finding Tripadvisor® points of interest, page 53).
- To find national parks and explore park maps, select National Parks (Finding National Parks, page 52).
- To navigate to specific geographic coordinates, select Coordinates (Finding a location using coordinates, page 54).

## 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 town name.

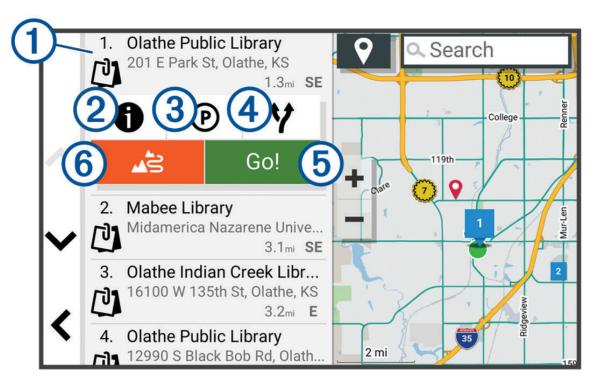
- 1 Select Where To.
- 2 Select **Search** in the search bar.
- 3 Enter all or part of the search term.

Suggested search terms appear below the search bar.

- 4 Select an option:
  - To search for a type of business, enter a category name (for example, "cinemas").
  - To search for a business name, enter all or part of the name.
  - To search for an address near you, enter the house number and street name.
  - To search for an address in another town, enter the house number, street name, town and county.
  - To search for a town, enter the town and county.
  - 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 Q.
- 6 If necessary, select a location.

### **Location Search Results**

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



1	Select a location to view the option menu.	
2 1	Select to view detailed information about the location.	
<b>3</b> P	Select to find parking areas near the location.	
<b>4 Y</b>	Select to view alternative routes to the location.	
<b>5</b> Go!	Select to start navigating to the location using the recommended route.	
<b>6</b> ▲\$	Select to start navigating using Garmin Adventurous Routing™.	

## Changing the search area

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

- 1 Select Where To.
- 2 Select ♥.
- 3 Select an option.

## 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.

### Navigating to points of interest within a venue

**NOTE:** this feature may not be available in all areas or for all product models.

You can create a route to a point of interest (POI) within a larger venue, such as a store in a shopping centre or a specific terminal in an airport.

- 1 Select Where To > Search.
- 2 Enter the name of the venue and select Q.
- 3 Select the venue.
  - A list of categories for POIs within the venue appears.
- 4 Select a category, select a location and select Go!.

The device creates a route to the parking area or venue entrance closest to the POI. When you arrive at the destination, a chequered flag indicates the recommended parking area. A labelled point indicates the location of the POI within the venue.

#### Points of Interest

#### NOTICE

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

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

## **Viewing Your Garmin Explore™ Waypoints**

- 1 Select **== > Adventure > Explore**.
- 2 Select a data type.
- 3 Select an item to view the details.

#### Synchronising Garmin Explore™ Account Data

Before you can synchronise account data, you must connect to the Tread® app and enable Garmin Explore.

You can synchronise data, such as tracks, with your Garmin Explore account. This can be helpful to keep your data available on each of your compatible devices. Your device periodically synchronises data with your account automatically. You can also synchronise data manually at any time.

- 1 Select -> Adventure > Explore.
- 2 Select 🗘.

#### **Finding National Parks**

Device models that include maps for North America or the United States also include detailed information for national parks in the United States. You can navigate to a national park or to a location within a national park.

#### **NOTICE**

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

- 1 Select Where To > National Parks.
  - A list of national parks appears, with the nearest park at the top.
- 2 Select **Search**, and enter all or part of the park name to narrow the results (optional).
- 3 Select a national park.
  - A list of categories for locations of features and amenities within the park appears below the park name.
- 4 Select an option:
  - · To start navigating to the park, select Go!.
  - To view more park information or explore the park features and amenities, select 1.
  - To quickly find a location within the park, select a category from the list below the park name and select a location.

## Finding Campsites

#### NOTICE

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

Select Where To > Ultimate Public Campgrounds.

### **Finding Ultimate Campgrounds points of interest**

NOTE: this feature is not available in all areas.

### NOTICE

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

Your device includes Ultimate Campgrounds points of interest, which allow you to find public campsites near your location.

Owner's Manual

- 1 Select Where To > Ultimate Public Campgrounds.
- 2 If necessary, select Search Filters, select one or more search filters and select Search.
- 3 Select a location.

#### Finding motorhome parks

NOTE: this feature is not available in all areas.

Select Where To > PlanRV Parks.

#### **Finding Motor Home services**

**NOTE:** this feature is not available in all areas.

You can find nearby locations that offer repair, towing and other services for Motor Homes.

Select Where To > PlanRV Services.

### Finding iOverlander™ points of interest

#### NOTICE

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

Your device includes iOverlander points of interest, which allow you to find points of interest useful for overlanding, such as campsites, repair services and accommodation.

- 1 Select Where To > iOverlander.
- 2 Select a category.
- 3 Select a location.

#### **Finding Powersport Points of Interest**

#### **NOTICE**

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

Your device includes powersport points of interest, which allow you to find points of interest useful for powersports, such as vehicle dealers and shops.

- 1 Select Where To > Motorcycle Shop.
- 2 Select a location.

#### **Finding Adventure Points**

### **NOTICE**

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

Your device includes adventure points of interest, which allow you to find outdoor points of interest such as campsites, hiking trails, off-road trails, fishing locations and water activities.

- 1 Select Where To > Adventure Points.
- 2 If necessary, select Search Filters, select one or more search filters, and select Save.
- 3 Select a location.

#### Tripadvisor®

#### NOTICE

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

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

Your device includes Tripadvisor traveller ratings. Tripadvisor ratings appear automatically in the search results list for restaurants, hotels and attractions. You can also search for nearby Tripadvisor points of interest and sort by distance or popularity.

## Finding Tripadvisor® points of interest

- 1 Select Where To > Tripadvisor.
- 2 Select a category.

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

3 Select Sort Results to sort the search results by distance or popularity (optional).

## **Finding Parking Near Your Current Location**

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

## **Finding Parking Near a Specified Location**

- 1 Select Where To.
- 2 Search for a location.
- 3 From the location search results, select a location.
- 4 Select (P).

A list of parking areas near the selected location appears.

- 5 Select a parking location.
- 6 Select Go!.

#### 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.
- 2 If necessary, select ♥ to search near a different town or area.
- 3 Select Address.
- 4 Follow the on-screen instructions to enter address information.
- 5 Select the address.

## Finding a location using coordinates

You can find a location using latitude and longitude coordinates.

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

#### Finding petrol stations and prices

Before you can use this feature, your device must be connected to a supported phone running the Tread® app (Pairing with Your Smartphone, page 40).

You can find nearby petrol stations and compare fuel prices.

- 1 Select Where To > Fuel Prices.
- 2 If necessary, select **=** > **Fuel Type**, select a fuel type and select **Save**.
- 3 Select a petrol station.

## Viewing history

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

Select Where To > History.

#### Clearing the list of recently found places

Select Where To > History > = > Clear > Yes.

## Viewing current location information

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

From the map, select the vehicle.

### Finding emergency services and fuel

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

- 1 From the map, select the vehicle.
- 2 Select Hospitals, Police Station, Petrol Stations or Roadside Assist...

**NOTE:** some service categories are not available in all areas.

A list of locations for the selected service appears, with the nearest locations at the top.

- 3 Select a location.
- 4 Select an option:
  - · To navigate to the location, select Go!.
  - To view the phone number and other location details, select 1.

## **Getting directions to your current location**

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

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

## Adding a shortcut

You can add shortcuts to the Where To? menu. A shortcut can point to a location, a category, or a search tool. The Where To? menu can contain up to 36 shortcut icons.

- 1 Select Where To > Personalise.
- 2 Select an item.

#### Removing a shortcut

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

## **Saving Locations**

#### Saving a location

- 1 Search for a location (Finding a location by category, page 51).
- 2 From the search results, select a location.
- 3 Select 1 > Save.
- 4 If necessary, enter a name, and select **Done**.
- 5 Select Save.

#### Saving your current location

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

## Saving a Waypoint on the Map

- 1 Select View Map.
- 2 Drag and zoom the map to display the area to search.
- 3 Select an option:

- · Select a location marker.
- Select a point, such as a street, junction or address location.
- 4 Select \_E.
- 5 Enter a name, and select Save.

## **Editing a Saved Location**

- 1 Select Where To > Waypoints.
- 2 If necessary, select a category.
- 3 Select a location.
- 4 Select 1.
- 5 Select **=** > Edit.
- 6 Select an option:
  - · Select Name.
  - Select Phone Number.
  - Select Categories to assign categories to the saved location.
  - Select 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 organise your saved locations.

**NOTE:** categories appear in the saved locations menu after you have saved more than 12 locations.

- 1 Select Where To > Waypoints.
- 2 Select a location.
- 3 Select 1.
- 4 Select = > Edit > Categories.
- 5 Enter one or more category names, separate by commas.
- 6 If necessary, select a suggested category.
- 7 Select Done.

### **Deleting a favourite location**

deleted locations cannot be recovered.

- 1 Select Where To > Waypoints.
- 2 Select <> Delete.
- 3 Select the box next to the saved locations to delete, and select **Delete**.

## **Driver awareness features and alerts**

#### **△ CAUTION**

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

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

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

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

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

Level crossing: the device plays a tone to indicate an upcoming level crossing.

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

**Bends**: the device plays a tone to indicate a bend in the road.

**Slower traffic**: the device plays a tone to indicate slower traffic when you approach slower traffic at a higher speed. Your device must be receiving traffic information to use this feature (*Traffic*, page 48).

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

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

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

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

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

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

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

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

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

## **Enabling or Disabling Driver Alerts**

You can enable or disable several types of driver alerts.

- 1 Select **☼** > **Driver Assistance** > **Driver Alerts**.
- 2 Select or clear the tick box next to each alert.

## **Settings**

## **Navigation settings**

Select **D** > Navigation.

Calculation Mode: sets the route calculation method.

**Off-Route Recalculation**: sets recalculation preferences when navigating away from an active route.

Avoidances: sets road features to avoid on a route.

**Custom Avoidances**: allows you to avoid specific roads or areas.

**Environmental Zones**: sets the avoidance preferences for areas with environmental or emissions restrictions that may apply to your vehicle.

**Restricted Mode**: disables all functions that require significant operator attention.

**Voice Language**: sets the language for navigation voice prompts.

**Travel History**: allows the device to store a record of the places you go. This allows you to view the trip log, use the Trip History feature and use myTrends<sup>™</sup> suggested routes.

Clear Travel History: allows you to clear all travel history from the device.

## Map settings

Select 🗘 > Map Display.

Map Vehicle Icon: sets the vehicle icon that represents your position on the map.

**Driving Map View**: sets the perspective used while viewing the map.

Map Detail: sets the level of detail on the map. More detail may cause the map to be drawn more slowly.

Waypoint Labels: sets the size of waypoint labels on the map.

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

**Range Rings**: shows rings on the map, representing distance from you. The distance to the innermost ring appears in the bottom left-hand corner of the screen.

**NOTE:** range rings are shown only while using the Track Up or North Up map perspective (*Changing the map perspective*, page 30).

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

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

Units: Sets the units of measure.

**Position Format**: sets the format used for geographical position coordinates and the coordinate system used by the map (*Position Format Settings*, page 58).

Map Manager: manages maps installed on the device.

#### **Position Format Settings**

**NOTE**: do not change the position format or the map datum coordinate system unless you are using a map or chart that specifies a different position format.

Select 🌣 > Map Display > Position Format.

**Coordinate Format**: sets the position format for the location information.

**Display Format**: sets the format in which coordinates will appear on the device.

**Datum**: sets the coordinate system on which the map is structured.

Map Spheroid: shows the coordinate system the device is using. The default coordinate system is WGS 84.

#### **Enabling maps**

You can enable map products installed on your device.

TIP: to purchase additional map products, go to your product page on garmin.com.

- 1 Select ♥ > Map Display > Map Manager > Manage Device Maps.
- 2 Select a map.

## **Connecting to a Wireless Network**

- 2 If necessary, select the toggle switch to turn on wireless network technology.
- 3 Select a wireless network.

4 If necessary, enter the encryption key.

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

## **Enabling Bluetooth® wireless technology**

Select > Wireless Networks > Bluetooth.

## **Driver Assistance Settings**

Select **D** > **Driver Assistance**.

**Driver Alerts**: enables an audible alert for each type of driver alert (*Driver awareness features and alerts*, page 57).

**Reduced Speed Tone**: alerts you when the speed limit decreases.

Proximity Alerts: alerts you when you approach speed cameras or red light cameras.

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

**Break Planning**: reminds you to take a break and shows upcoming services after you drive for an extended time. You can enable or disable break reminders and upcoming service suggestions.

## **Traffic Settings**

From the main menu, select 🗘 > Traffic.

Traffic: enables the traffic feature.

**Current Provider**: sets the traffic provider to use for traffic data. The Auto option selects the best available traffic data automatically.

**Subscriptions**: lists the current traffic subscriptions.

**Optimise Route**: enables the device to use optimised alternative routes automatically or upon request (*Avoiding traffic delays on your route*, page 46).

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

## **Display settings**

Select > Device > Display.

Brightness level: sets the display brightness level on your device.

Dark theme: enables or disables the dark colour theme.

Wallpaper: sets the wallpaper background on your device.

**Screen timeout**: allows you to set the amount of idle time before your device turns off the display while using battery power.

Font size: increases or decreases the font size on your device.

## **Adjusting Sound and Notification Volume**

- 1 Select ♥ > Device > Sound & Notification.
- 2 Use the slider bars to adjust the sound and notification volume.

## **Setting the Text Language**

You can select the language for text in the device software.

- 1 Select **☼** > Personal > Language & Input > Language.
- 2 Select a language.

## Date and time settings

Select 🌣 > System > Date & Time.

**Use network-provided time**: automatically sets the time zone based on information from the connected network.

**Use network-provided time zone**: sets the time zone on your device when Use network-provided time is disabled.

Use 24-hour format: enables or disables the 24-hour time format.

## **Device settings**

Select D > About Device.

Legal Information: allows you to view the end-user licence agreement (EULA) and software licence information.

**Regulatory Information**: displays e-label regulatory and compliance information. **Garmin device information**: displays hardware and software version information.

## **Enabling or Disabling Location Services**

The location services feature must be enabled for your device to find your location, calculate routes and provide navigational assistance. You can disable location services to plan a route when GPS signals are not available. When location services are disabled, the device enables a GPS simulator to calculate and simulate routes.

**TIP:** disabling location services can help save battery power.

- 1 Select **☼** > Personal > Location.
- 2 Select the toggle switch to enable or disable location services.

## **Device information**

## **Viewing E-label Regulatory and Compliance Information**

- 1 From the settings menu, swipe to the bottom of the menu.
- 2 Select About Device > Regulatory Information.

## Tread® - SXS Edition Specifications

•	
Water resistance	IEC 60529 IP67 <sup>1</sup>
Operating temperature range	From -20° to 55°C (from -4° to 131°F)
Charging temperature range	From 0° to 45°C (from 32° to 113°F)
Power input (vehicle power cable, motorcycle or external power)	From 12 to 24 Vdc
Battery type	Lithium-ion battery
Battery voltage range	From 3.5 to 4.1 V
Wireless frequencies	2.4 Ghz @ 9.9 dBm maximum 5.1 Ghz @ 12.8 dBm maximum 5.2 Ghz @ 15.1 dBm maximum 1.6 Ghz @ 31.7 dBm maximum
SAR	0.69 W/kg torso, 0.69 W/kg limb

## **Group Ride Specifications**

Water resistance	IEC 60529 IPX7 <sup>2</sup>
Operating temperature range	From -20° to 55°C (from -4° to 131°F)
Wireless frequencies (United States)	From 151.82 to 154.6 MHz @ 31.7 dBm
Wireless frequencies (EMEA)	From 169.4125 to 169.4625 MHz @ 26.98 dBm
Wireless frequencies (New Zealand)	From 160.175 to 160.5750 MHz @ 22 dBm
Wireless frequencies (Australia)	From 151.15 to 152.15 MHz @ 17.3 dBm

## **Charging the Device**

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

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

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

<sup>&</sup>lt;sup>1</sup> The device is protected against the ingress of dust and withstands incidental exposure to water of up to 1 m for up to 30 min.

<sup>&</sup>lt;sup>2</sup> The device withstands incidental exposure to water of up to 1 m for up to 30 min. For more information, go to www.garmin.com/waterrating.

## **Device maintenance**

## **Garmin® Support Centre**

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

## **Map and Software Updates**

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

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

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

You can update your device using two methods.

- You can connect the device to a Wi-Fi® network to update directly on the device (recommended). This option allows you to update your device conveniently without connecting it to a computer.
- You can connect the device to a computer and update it using the Garmin Express<sup>™</sup> application (garmin.com/express).

## Updating Maps and Software Using a Wi-Fi® Network

#### **NOTICE**

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

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

- 1 Using the included USB cable, connect the device to external power.
  - **NOTE:** a USB power adapter is not included. Go to the product page on garmin.com to purchase a power adapter accessory.
- 2 Connect the device to a Wi-Fi network (Connecting to a Wireless Network, page 58).
  - While connected to a Wi-Fi network, the device checks for available updates automatically and displays a notification when an update is available.
- 3 Select an option:
  - When an update notification appears, swipe down from the top of the screen, and select An update is available..

The device displays available map and software updates. When an update is available, **Update Available** appears below Map or Software.

- 4 Select an option:
  - · To install all available updates, select **Download**.
  - To install only map updates, select Map.
  - To install only software updates, select Software.
- 5 If necessary, read the licence agreements, and select Accept All to accept the agreements.
  - **NOTE:** if you do not agree with the licence terms, you can select Reject. This stops the update process. You cannot install updates until you accept the licence agreements.
- **6** Keep the device connected to external power and within range of the Wi-Fi network until the update process is complete.

**TIP:** if a map update is interrupted or cancelled before it completes, your device may be missing map data. To repair missing map data, you must update the maps again.

### **Product updates**

On your computer, install Garmin Express (www.garmin.com/express).

This provides easy access to these services for Garmin® devices:

- Software updates
- Map updates

· Product registration

#### Updating Maps and Software with Garmin Express™

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

- 1 If you do not have the Garmin Express application installed on your computer, go to **garmin.com/express** and follow the on-screen instructions to install it.
- 2 Open the Garmin Express application.
- 3 Connect your device to your computer using a mini-USB cable.

The small end of the cable connects to the mini-USB port ① on your Tread® - SXS Edition device and the large end connects to an available USB port on your computer.



- 4 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.
- 5 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.



#### 6 Select an option:

- To install all available updates, click Install All.
- To install a specific update, click View Details and click Install next to the update you want.

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

**NOTE**: if a map update is too large for the internal storage of the device, the software may prompt you to install a microSD® card in your device to add storage space (*Installing a memory card for maps and data*, page 70).

7 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.

#### **Device Care**

#### **NOTICE**

Avoid dropping your device.

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

Never use a hard or sharp object to operate the touchscreen as this may result in damage.

#### 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 the 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 windscreen by the suction cup.
- Do not keep your unit in the glove compartment.

## **Restarting the Device**

You can restart your device if it stops functioning. Hold the power key for 12 seconds.

## **Removing the Device from the Mount**

- 1 Pull up the release tab on the mount.
- **2** Grip the device by the top and bottom.
- 3 Pull the bottom edge of the device towards you until it releases from the magnet.Pulling the device straight towards you may cause the mount to release from the suction cup.

## **Troubleshooting**

## My device is not acquiring satellite signals

- Take your device out of car parks and away from tall buildings and trees.
- · Remain stationary for several minutes.

## My battery does not stay charged for very long

- Decrease the screen brightness (Display settings, page 59).
- Shorten the display timeout (Display settings, page 59).
- Decrease the volume (Adjusting Sound and Notification Volume, page 59).
- Turn off the Wi-Fi radio when it is not in use.
- Put the device in power saving mode when not in use (Turning the device on or off, page 7).
- Keep your device away from extreme temperatures.
- · Do not leave your device in direct sunlight.

## My device does not connect to my phone

- Select > Wireless Networks > Bluetooth.
  - The Bluetooth option must be enabled.
- Enable Bluetooth wireless technology on your phone and bring your phone within 10 m (33 ft.) of the device.
- · Verify your phone is compatible.
  - Go to www.garmin.com/bluetooth for more information.
- · Complete the pairing process again.

To repeat the pairing process, you must unpair your phone and device (*Disconnecting a Bluetooth® device*, page 43), and complete the pairing process (*Pairing with Your Smartphone*, page 40).

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

On most 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.

# 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 Connect the USB cable to your device and to a USB port on your computer.

TIP: the USB cable must connect to a USB port on your computer, not to a USB hub.

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

if you have several network drives mapped on your computer, Windows® may have trouble assigning drive letters to your Garmin® drives. For information about assigning drive letters, see the help file for your operating system.

## **Appendix**

### Garmin PowerSwitch™

#### **⚠ WARNING**

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

You can use a connected Garmin PowerSwitch device to control lights, fans and more from your Tread® - SXS Edition device.

## **Mounting Considerations**

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

## **Mounting the Device**

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

#### **NOTICE**

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

1 Place the mount on the selected location.



- **2** Using the mount as a template, mark the two screw locations ①.
- 3 Drill pilot holes (optional).

  For some types of mounting material, drilling pilot holes is necessary. Do not drill through the mount.
- **4** Securely fasten the mount to the surface using the appropriate hardware for your mounting surface.

#### **Opening the Front Cover**

You must open the front cover to make electrical connections.

1 Lift the front cover latch 1 and rotate it anticlockwise.



2 Pull the front cover off of the device.



### **Connecting Accessories**

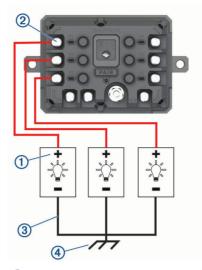
#### **NOTICE**

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

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

#### Accessory requirements:

- Verify the amperage rating of each accessory before wiring it to the Garmin PowerSwitch™ device. The
  device supports accessories up to 30 A for each channel and a maximum of 100 A for the entire system.
- Use 10 AWG (6 mm<sup>2</sup>) wires for accessories that use 20 to 30 A.
- Use 12 AWG (4 mm<sup>2</sup>) wires for accessories that use 10 to 20 A.
- Use 14 AWG (2.5 mm<sup>2</sup>) wires for accessories that use less than 10 A.
- Use the appropriate size terminals for all accessory connections.
- · Crimp all terminal connectors securely.
- 1 Connect the positive wire from the accessory 1 to one of the accessory terminals 2 on the Garmin PowerSwitch device.



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

#### **△ CAUTION**

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

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

### **Connecting a Control Input**

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

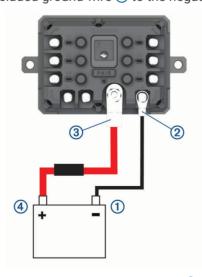
Connect the control wire from the control source in your vehicle to one of the two control terminals on the Garmin PowerSwitch device.

#### Connecting the Device to Vehicle Power

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

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

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



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

- 3 Connect the small ring end of the included 12-V cable to the +12V terminal 3 on the device.
- 4 Tighten the  $\frac{3}{8}$  in. nut on the +12V terminal to a maximum torque specification of 4.52 N-m (40 lbf-in.). You should confirm the nut cannot be loosened by hand.

#### NOTICE

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

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

#### Pairing with a Garmin® Navigation Device

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

- 1 Turn on power to your Garmin PowerSwitch device and place your compatible Garmin navigation device within 1 m (3.3 ft.) of it.
- 2 On your compatible navigation device, open the Garmin PowerSwitch app.
- 3 Follow the on-screen instructions to complete the pairing and setup process.

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

## **Garmin PowerSwitch™ Specifications**

Dimensions (D x W x H)	75 x 125 x 32 mm (2.95 x 4.92 x 1.26 in.)
Operating temperature range	From -25° to 85°C (from -13° to 185°F)
Wireless frequency	2.4 GHz @ 10 dBm
Power input	From 12 to 16 V using the included vehicle power cable.
Maximum accessory output	30 A
Maximum system output	100 A
Current draw with all outputs off	3 mA
Water rating	IEC 60529 IPX7 <sup>3</sup>

## **Troubleshooting**

#### My Garmin PowerSwitch™ will not stay connected

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

The Garmin PowerSwitch device turns off all outputs automatically to preserve your vehicle's battery if it is receiving less than 11 V of power (*My accessories are not receiving power*, page 69).

#### My accessories are not receiving power

- Verify that the Garmin PowerSwitch™ device is receiving power from the vehicle battery.
- · Verify that your vehicle's battery is supplying at least 12 V of power.
  - The Garmin PowerSwitch device turns off all outputs automatically to preserve your vehicle's battery if it is receiving less than 11 V of power. Outputs turn back on when the device detects more than 12 V of power.
- Verify that all electrical connections are secure and will not come loose while operating the vehicle.
- · Verify that each connected accessory draws less than 30 A.
  - If an accessory draws more than 30 A, the device turns off that output automatically.
- Verify that the total system load is less than 100 A.
  - If the device detects a system load of more than 100 A, it turns off all outputs automatically.
- Inspect all electrical connections for an electrical short circuit.

## **Data management**

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

**NOTE:** the device is compatible with Windows® 7 and newer, and Mac® OS 10.7 and newer. Apple® computers may require additional third-party software to read and write files.

<sup>&</sup>lt;sup>3</sup> The device withstands incidental exposure to water of up to 1 m for up to 30 min. For more information, go to www.garmin.com/waterrating.

#### **About memory cards**

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

#### Installing a memory card for maps and data

You can install a memory card to increase the storage space for maps and other data on your device. You can purchase memory cards from an electronics supplier. The device supports microSD memory cards from 4 to 256 GB. Memory cards must use the FAT32 file system format. Memory cards greater than 32 GB must be formatted using the device (*Formatting the Memory Card*, page 70).

- 1 Locate the map and data memory card slot on your device (Device Overview, page 7).
- 2 Insert a memory card into the slot.
- 3 Press it in until it clicks.

#### Formatting the Memory Card

The device requires a memory card formatted using the FAT32 file system. You can use the device to format your card using this file system.

You must format a brand new memory card if it is not formatted using the FAT32 file system.

**NOTE:** formatting the memory card deletes all data on the card.

- 1 Select ♥ > Device > Storage & USB.
- 2 Select your memory card.
- 3 Select > Storage settings > Format > FORMAT SD CARD.
- 4 Select Done.

## **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.

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

### **Transferring GPX Files From Your Computer**

Apple® computers may require additional third-party software, such as Android File Transfer, to read and write files on this device.

If you have already created routes that you want to use on your device, you can transfer GPX files directly from your computer.

- 1 Connect the device to your computer (*Connecting the Device to Your Computer*, page 70). The device appears as a portable device.
- 2 On your computer, open the file browser.
- 3 Select a GPX file.
- 4 Select Edit > Copy.
- 5 Browse to the GPX folder on the device.
- 6 Select Edit > Paste.

#### Transferring data from your computer

- 1 Connect the device to your computer (Connecting the Device to Your Computer, page 70).
  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 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.

## Adding BaseCamp™ Data to Garmin Explore™

You can export your BaseCamp data files and import them to Garmin Explore for use with your Tread® - SXS Edition device.

- 1 Export your data from BaseCamp:
  - If you are using an Apple<sup>®</sup> computer, see Exporting Data from BaseCamp™ with an Apple<sup>®</sup> Computer, page 71.
  - If you are using a PC, see Exporting Data from BaseCamp™ with a PC, page 71.
- 2 Import your BaseCamp data to the Garmin Explore website (Importing Data to Garmin Explore™, page 71).
- 3 Synchronise your Garmin Explore data with your Tread SXS Edition device (Synchronising Garmin Explore™ Account Data, page 52).

#### **Exporting Data from BaseCamp™ with a PC**

- 1 Select an option:
  - To export all BaseCamp data stored on your computer, select My Collection and select File > Export >
    Export 'My Collection'.
  - To export one or more items or a list, select one or more items or a list and select File > Export > Export Selection.
- 2 Enter a name, select a location for the exported file, select the file format and select Save.

#### Exporting Data from BaseCamp™ with an Apple® Computer

- 1 Select an option:
  - To export all BaseCamp data stored on your computer, select My Collection and select File > Export 'My Collection'.
  - To export one or more items or a list, select one or more items or a list and select File > Export Selected
    User Data.
- 2 Enter a name.
- 3 Select a location for the exported file.
- 4 Select the file format.
- 5 Select Export.

#### Importing Data to Garmin Explore™

- 1 Go to explore.garmin.com and log in to your account.
- 2 Select the Map tab.
- 3 Select [♣].
- 4 Follow the on-screen instructions.

## **Purchasing additional maps**

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

## support.garmin.com

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