



nüvi® 295W owner's manual



© 2010 Garmin Ltd. or its subsidiaries

All rights reserved. Except as expressly provided herein, no part of this manual may be reproduced, copied, transmitted, disseminated, downloaded or stored in any storage medium, for any purpose without the express prior written consent of Garmin. Garmin hereby grants permission to download a single copy of this manual onto a hard drive or other electronic storage medium to be viewed and to print one copy of this manual or of any revision hereto, provided that such electronic or printed copy of this manual must contain the complete text of this copyright notice and provided further that any unauthorized commercial distribution of this manual or any revision hereto is strictly prohibited.

Information in this document is subject to change without notice. Garmin reserves the right to change or improve its products and to make changes in the content without obligation to notify any person or organization of such changes or improvements. Visit the Garmin Web site (www.garmin.com) for current updates and supplemental information concerning the use and operation of this and other Garmin products.

Garmin®, the Garmin logo, and nüvi® are trademarks of Garmin Ltd. or its subsidiaries, registered in the USA and other countries. nüMaps Guarantee™ is a trademark of Garmin Ltd. or its subsidiaries. These trademarks may not be used without the express permission of Garmin.

Microsoft®, Microsoft® Word, Excel®, and PowerPoint® are registered trademarks of Microsoft Corporation in the United States and/or other countries. Mac® is a registered trademark of Apple Computer, Inc., registered in the U.S. and other countries. microSD™ is a trademark of SanDisk or its subsidiaries. Panoramio™ is a trademark of Google Inc. Wi-Fi® is a registered mark of the Wi-Fi Alliance. Adobe® is a registered trademark of Adobe Systems Incorporated in the United States and/or other countries. Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries. Other trademarks and trade names are those of their respective owners.

MPEG Layer-3 audio coding technology licensed from Fraunhofer® IIS and Thomson®.

Introduction

The nüvi 295W is a multi-media device with integrated navigation and services.

Contacting Garmin Product Support®

Contact Garmin Product Support if you have any questions while using your device. Go to www.garmin.com/support, or call (913) 397.8200 or (800) 800.1020.

Registering Your Device

Help us better support you by completing our online registration today:

- Go to <http://my.garmin.com>.
- Keep the original sales receipt, or a photocopy, in a safe place.

Updating the Software

Go to www.garmin.com/support.

nüMaps Guarantee™

To receive one free map update (if available), register your device at www.garmin.com/support within 60 days of acquiring satellites while driving with your device. You are not eligible for the free map update if you register by phone or wait longer than 60 days after the first time you acquire satellites while driving with your device. For more information, go to www.garmin.com/numaps.

Buying Additional Maps

1. Go to www.garmin.com.
2. Click **Maps**.

Table of Contents

Introduction	i	About the Headphones.....	9
Contacting Garmin Product Support®.....	i	Acquiring Satellites.....	10
Registering Your Device.....	i	Changing Audio Settings.....	10
Updating the Software.....	i	About the Automatic Screen Lock.....	11
nüMaps Guarantee™.....	i	Getting Help.....	11
Buying Additional Maps.....	i	Finding Destinations	12
Getting Started	1	Finding Your Present Location.....	12
Device Features.....	1	Changing the Search Area.....	13
Setting Up the Device.....	2	About Points of Interest.....	13
Using the Home Screen.....	6	Working with Found Locations.....	14
Orienting the Screen.....	6	Setting a Home Location.....	15
Status and Notification Icons.....	7	Finding Local Businesses.....	15
Turning the Device On and Off.....	8	Finding an Address.....	16
Tips and Shortcuts.....	8	About Saved Locations.....	16
Using the Touchscreen.....	8	Viewing Recently Found Locations.....	18
Arranging Shortcuts.....	8	Finding Cities.....	19
Using the On-screen Keyboard.....	9	Navigating with Photos.....	19
		Entering Coordinates.....	19

Finding Intersections	20	Adding a Web Page as a Bookmark.....	36
About Extras.....	20	Viewing Your Web Page History.....	36
About the Map Pages.....	21	Changing Browser Settings.....	37
Browsing the Map.....	21	Playing Music.....	38
Navigating in Driving Mode.....	22	Music Player File Types.....	38
Viewing Trip Information.....	24	Playing a Song	38
Navigating in Walking Mode....	25	Changing the Music Player View	39
About Custom Routes	25	About Playlists.....	39
Viewing Your Trip Log.....	27	Searching the Music Player.....	40
Using E-mail.....	28	Taking and Viewing Pictures	41
Adding an E-mail Account	28	Taking a Picture	41
Viewing an E-mail Message	28	About Picture File Types.....	41
Sending an E-mail Message....	29	Viewing Pictures	42
Searching a Folder	31	Viewing a Slideshow.....	42
Managing E-mail Settings.....	31	Deleting Pictures	42
Managing Your Contacts	32	Sharing Pictures	42
Browsing the Web	35	Setting the Wallpaper	43
Using the Web Browser.....	35		
Setting Your Browser Home Page.....	36		

Starting a Route to a Picture ...	43	Application Settings.....	57
Organizing Your Life	44	Display Settings.....	57
Using the Calendar.....	44	Viewing Software	
Checking the Weather		Information	58
Forecast.....	45	Restoring Settings	58
Using the Clock	46	Clearing All User Data	58
Using the Converter.....	48	Appendix	59
Using the Calculator	49	About Satellite Signals.....	59
Using Notes	49	Battery Information	59
About the Checklist.....	50	Mounting on Your	
Connecting with Other		Dashboard	60
Devices	52	Removing the Device,	
About File Transfer Mode	52	Cradle, and Mount	61
About Wi-Fi.....	52	Resetting the Device	61
Customizing Your		Caring for Your Device.....	62
Device	54	Specifications	62
General Device Settings.....	54	Troubleshooting.....	64
Security Settings.....	54	Index	65
Date and Time Settings	55		
Audio Settings	55		
Navigation Settings.....	56		

Getting Started

WARNING

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

Device Features

- ① microSD™ card slot (under cap)
- ② Contacts (for the cradle)
- ③ Mini-USB connector
- ④ Power key
- ⑤ Headphone/audio out connector
- ⑥ Volume up/down keys
- ⑦ Camera key

NOTE: The headphone/audio out connector must be used with either the Garmin 2.5 mm to 3.5 mm adapter or the Garmin stereo headset with microphone.



Setting Up the Device

1. Install the memory card (optional) (page 2).
2. Install the battery (page 2).
3. Charge the battery (page 3).
4. Mount the device (page 4).
5. Acquire satellites (page 10).
6. Add an e-mail account (optional) (page 28).

Installing the Memory Card

You can store files, such as MP3s and JPEGs, on a memory card in your device (optional).

1. Open the cap over the memory card slot.
2. Insert the memory card in the memory slot with the gold contacts facing toward the device screen.

Installing the Battery

1. Press down firmly on the battery cover.
2. Slide the battery cover off the back of the device.



3. Locate the lithium-ion battery that came in the product box.
4. Locate the metal contacts on the end of the lithium-ion battery.

5. Insert the battery so that the metal contacts on the battery match up with the metal contacts inside the battery compartment.



6. Slide the battery cover onto the back of the device.

Charging the Battery

NOTICE

Your device will not charge if the temperature has exceeded 113°F (45°C). If the device is mounted in the windshield, remove it from the mount and place it somewhere out of direct sunlight to allow the battery to charge.

NOTE: To ensure optimal performance, you should charge the battery for at least four hours before using the device on battery power for the first time. If you completely discharge the battery, recharge it for at least 20 minutes before turning on your device.

- Use the vehicle power cable connected to the cradle, with the device in the cradle (preferred) (page 4).
- Use the vehicle power cable connected directly to the device.
- Use the USB cable connected to a computer.
- Use the battery charger accessory
- Use the AC power adapter accessory.

TIP: For more information about accessories, go to <http://buy.garmin.com>.

Mounting the Device

WARNING

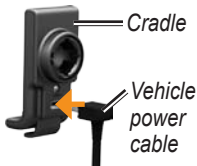
This product contains a lithium-ion battery. To prevent the possibility of personal injury or product damage caused by battery exposure to extreme heat, remove the device from the vehicle when exiting or store it out of direct sunlight.

NOTICE

Before mounting the device, see the *Important Safety and Product Information* guide for information about laws pertaining to windshield mounting.

TIP: For information about removing the device from the mount, see page 61.

1. Plug the vehicle power cable into the power connector.



2. Remove the clear plastic from the suction cup.
3. Clean and dry your windshield and the suction cup with a lint-free cloth.
4. Place the suction cup on the windshield.
5. Flip the lever back, toward the windshield.
6. Snap the cradle onto the suction cup arm.

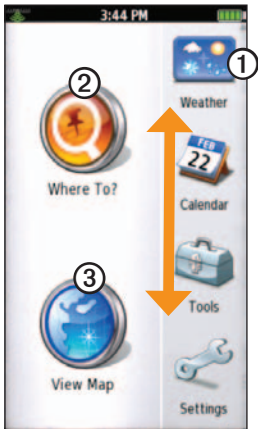


7. Fit the gold contacts on the side of your device into the cradle.
8. Tilt the device back until it snaps into the cradle.



9. Plug the other end of the vehicle power cable into a power outlet in your vehicle.

Using the Home Screen











- ① Touch a shortcut icon in the scrolling menu to start an application. Touch and drag the bar to scroll through all of the shortcuts.
- ② Touch to find and navigate to a location.
- ③ Touch to view the map.

Orienting the Screen

Rotate the device to view in horizontal (wide-screen) or vertical (portrait) mode.










Status and Notification Icons

Icon	Description
	An alarm is set.
	Wi-Fi® connectivity. This icon appears when the device is using Wi-Fi.
	Time of day. The time is based on the location of the device or the selected time zone.
	GPS satellite strength. The more colored bars that appear, the stronger the satellite signal. If there is no satellite signal or the device is in simulator mode, a red "X" appears.
	Battery charge level (page 59).
	External power is connected, and the battery is charging.
	External power is connected, and the device is fully charged.
	Data transfer activity.

Turning the Device On and Off

Press and hold the **Power** key.

Tips and Shortcuts


- Touch  to return to the previous screen.
- Touch and hold  from any screen to return to the Home screen.
- Touch  and  to see more choices. Quickly tap these buttons to scroll faster.
- Touch and hold  or  to scroll slowly.
- Touch  to view a menu of options for the screen or application.

Using the Touchscreen

- Touch and drag your finger to slowly scroll the screen.
- Scroll the screen both vertically and horizontally, when available.
- Touch, drag, and quickly remove your finger (flick the screen) to quickly scroll the screen.
- Touch the screen to stop scrolling.










Arranging Shortcuts

You can change the order of shortcuts in the scrolling menu.

1. From the scrolling menu, touch **Settings > Applications > Main Menu Order**.
2. Touch an item.
3. Touch .

Using the On-screen Keyboard

A keyboard appears when you need to enter text.

- Touch a key to enter text.
- Touch  to backspace.
- Touch  to shift.
- Touch  to turn on caps lock.
- Touch  to turn off caps lock.
- Touch  to close the keyboard.
- Touch  to display numbers and symbols.
- Touch  or  to display additional symbols.
- Touch  to display an alphabetic keyboard.
- Touch the text or numbers on the screen to insert a cursor.

Using Text Completion

The device includes a text-completion feature that recognizes words you are typing.

1. Begin typing a word.
The closest match appears in blue.
2. Continue typing.
The text-completion words may change or disappear.
3. Touch **Auto** to accept a word.

About the Headphones

You can use wired headphones to listen to audio.

Connecting the Headphones

Connect the 2.5 mm headset connector to the audio-out connector on the device.

Acquiring Satellites

Before you can navigate with your device, you must acquire satellites. Acquiring satellite signals can take a few minutes.

1. Turn on your device.
2. If necessary, go outdoors to an open area, away from tall buildings and trees.

Changing Audio Settings


You can change the audio settings for certain features, such as navigation and media.

Changing the Volume

Press the **Volume Up** or **Volume Down** key.

Muting the Device

1. Press the **Volume Up** or **Volume Down** key.
2. Touch **Mute**.

When the device is set to mute,  appears when the screen is locked.


Setting the Device to Vibrate

You can set the device to vibrate to indicate new e-mail messages as well as calendar and clock alarms.

1. From the scrolling menu, touch **Settings > Audio > Vibrate**.
2. Touch an option.

TIP: You can set the device to only vibrate when the volume has been muted.

3. Touch **OK**.

When the device is set to vibrate,  appears when the screen is locked.


About the Automatic Screen Lock

The device automatically locks if you do not use it for a specified amount of time. If the device is in the mount with external power, the screen will not automatically lock.

Manually Locking the Device

Press the **Power** key.

Unlocking the Device

1. Quickly press the **Power** key, if necessary.
2. Double-tap .

Adjusting the Screen Timeout Length

1. From the scrolling menu, touch **Settings > Display > Auto Lock**.
2. Touch a time.
3. Touch **OK**.

Getting Help

1. From the scrolling menu, touch **Tools > Help**.
2. Touch a topic.

Finding Destinations

Your device provides several different categories you can use to find destinations. Before you can find destinations, you must acquire satellites ([page 10](#)).

Finding Your Present Location



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

From the scrolling menu, touch **Tools > Where Am I?**.

TIP: You can also open the *Where Am I?* page by touching the vehicle icon on the map.


Sending Your Location in an E-mail Message

Before you can send your location in an e-mail message, you must create an e-mail account ([page 28](#)).

1. From the scrolling menu, touch **Tools > Where Am I? >  > Save Location.**
2. Enter a name for the location.
3. Touch **Done.**
4. From the Home screen, touch **Where To? > Favorites > All Categories.**
5. Touch your location.
6. Touch ** > Send Location.**
7. Touch **To.**
8. Add a recipient.
9. Touch **Done.**
10. Touch **Message.**
11. Enter a message.
12. Touch **Done > Send.**

Changing the Search Area

By default, your device finds locations near your present location. You can also search for a location near a different city, near your current route, or near your destination.

1. From the Home screen, touch **Where To?** >  > **Near**.
2. Touch an option.

About Points of Interest

The detailed maps loaded in your device contain points of interest, such as restaurants, hotels, and auto services.

Finding by Spelling the Name

1. From the Home screen, touch **Where To?** > **Points of Interest** > **Spell Name**.
2. Enter all or part of the name.
3. Touch an item.

Finding by Category

1. From the Home screen, touch **Where To?** > **Points of Interest**.
2. Touch a category.
3. Touch a subcategory, if necessary.
TIP: To narrow the search, touch **Spell**, enter the text, and touch **Done**.
A list of items near your location appears.
4. Touch an item.

Working with Found Locations



After you find a location, several options appear.


- 1 Touch to view the location on the map.
- 2 Touch to save the location or to send the location in an e-mail message.
- 3 Touch to create a route to the location.

Starting a Route to a Location

1. Find a location.
2. Touch **Go!**.
3. Touch a navigation mode, if necessary.

Sending a Location in an E-mail Message

Before you can send a location in an e-mail message, you must create an e-mail account ([page 28](#)).

1. Find a location.
2. Touch  > **Send Location**.
3. Touch **To**.
4. Add a recipient.
5. Touch **Done**.
6. Touch **Message**.
7. Enter a message.
8. Touch **Done** > **Send**.

Setting a Home Location

You can save a home location and quickly generate a route to it.

1. From the Home screen, touch **Where To? > Home**.
2. Select an option.

Starting a Route to Your Home

Before you can create a route to your home location, you must set your home location (page 15).

Touch **Where To? > Home > Go!**

Finding Local Businesses

Before you can use this service, you must have a Wi-Fi connection (page 52). This service is not available in all areas.

You can search for local businesses by spelling the name of a location or by spelling the name of a category, like “salon” or “coffee.”

1. From the Home screen, touch **Where To? > Local Search**.
2. Select an option:
 - Touch **Spell Name** to enter a search term.
 - Touch an item to search by category.
3. Touch an item.

Finding an Address

NOTE: Depending on the version of the built-in map data on your device, the button names and the order of steps could be different from the following steps.

1. From the Home screen, touch **Where To? > Address**.
2. If necessary, change the state, the country, or the province.
3. Touch **Search All**.

TIP: You can touch **Spell City** to search by city or postal code. Not all map data provides postal code searching.


4. Enter the number for the address.
5. Touch **Done**.
6. Enter the street name.
7. Touch **Done**.
8. Touch the street, if necessary.

9. Touch the city, if necessary.
10. Touch the address, if necessary.


About Saved Locations

You can save and edit locations and assign them to categories.

Saving a Location


1. Find a location.
2. Touch  > **Save**.
The location is saved.

Saving Your Location


1. From the Home screen, touch **View Map**.
2. Touch the vehicle icon.
3. Touch  > **Save Location**.
4. If necessary, enter a name, and touch **Done**.
5. Touch **OK**.
The location is saved.

Creating Categories

When you save a location, it is automatically assigned to a category. You can create your own categories to help organize your saved locations.

1. From the Home screen, touch **Where To? > Favorites**.
2. Touch a category.
3. Touch an item.
4. Touch  > **Edit > Change Categories > New**.
5. Enter a name for the category.
6. Touch **Done**.

Assigning a Saved Location to a Category

1. From the Home screen, touch **Where To? > Favorites**.
2. Touch a category.
3. Touch an item.
4. Touch  > **Edit > Change Categories**.


5. Touch the categories to assign to this location.

Finding a Saved Location



Before you can find a saved location, you must save at least one location ([page 16](#)).

1. From the Home screen, touch **Where To? > Favorites**.
2. Touch a category.
TIP: To narrow the search, touch **Spell**, enter the text, and touch **Done**.
3. Touch an item.

Editing a Saved Location


1. From the Home screen, touch **Where To? > Favorites**.
2. Touch a category.
3. Touch an item.
4. Touch  > **Edit**.

Deleting a Saved Location

1. From the Home screen, touch **Where To? > Favorites**.
2. Touch a category.
3. Touch an item.
4. Touch  > **Edit** >  > **Delete** > **Yes**.

About the Last Position Feature

If you are receiving satellite signals when you remove the device from the cradle, your last position is saved automatically.

When your last position is saved,  appears on the map.

Starting a Route to Your Last Position

Touch **Where To? > Favorites > All Categories > Last Position > Go!**.

Viewing Recently Found Locations

Your device stores the last 50 locations you have found.

1. From the Home screen, touch **Where To? > Recently Found**.
2. Touch a location.

Clearing the Recently Found List

Touch **Where To? > Recently Found** >  > **Clear** > **Yes**.

The list of recently found locations is cleared. These locations are not deleted from the map data.

Finding Cities

1. From the Home screen, touch **Where To? > Cities**.
2. Select an option:
 - Touch a city.
 - Touch **Spell**.
3. Touch an item.

Navigating with Photos

Before you can use this feature, you must have a Wi-Fi connection (page 52). This service is not available in all areas.

Photographs contain information about the location where the photograph was taken. You can use this information to navigate to locations and landmarks shown in photographs.

1. From the Home screen, touch **Where To? > Panoramio™ Photos**.
A list of photographs from nearby locations appears.
2. Touch a photograph.

Entering Coordinates

If you know the geographic coordinates of your destination, you can use your device to navigate there. This feature can be especially helpful when geocaching.

1. From the Home screen, touch **Where To? > Coordinates**.
2. Touch a cardinal-direction button to change the direction.
3. Touch a field to enter the latitude and longitude data.
4. Touch **Next**.

Changing the Map Coordinate Format

1. From the Home screen, touch **Where To? > Coordinates > Format**.
2. Touch a format.
3. Touch **OK**.

Finding Intersections

1. From the Home screen, touch **Where To? > Intersections**.
2. If necessary, touch **Change State/Country** to change the state, the country, or the province.
3. Touch **Search All**.
4. Enter all or part of the name of the first street.
5. Touch the street.

6. Repeat steps 6 and 7 to find the second street.
7. Touch the intersection, if necessary.

About Extras

You can download additional content for your device, such as customized points of interest and travel guides, from www.garmin.com/extras.

Finding Extras

Before you can use extras, you must add them to your device.

NOTE: Purchase fees and subscription fees may apply.

1. From the Home screen, touch **Where To? > Extras**.
2. Touch a category.

About the Map Pages

You can use the map to navigate to your destination or to view your location. The vehicle icon displays your position on the map.

You can view your trip log, which is the path you have traveled. The trip log appears as a blue-green line on the map ([page 27](#)).

You can see detailed map information only for areas for which you have maps loaded on your device.

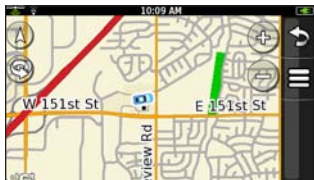
A speed limit icon may appear as you travel on major roadways.

NOTICE



The speed limit icon feature is for information only and does not replace the driver's responsibility to abide by all posted speed limit signs and to use safe driving judgment at all times. Garmin will not be responsible for any traffic fines or citations that you may receive for failing to follow all applicable traffic laws and signs.

Browsing the Map





1. From the Home screen, touch **View Map**.
2. Touch anywhere on the map.



3. Select an option:

- Touch and drag to view different parts of the map.
- Touch  and  to zoom in and out.

As you zoom out, the map changes to a digital elevation map showing the contours of the area.

- Zoom far out to view a globe.
TIP: You can touch and drag to spin the globe.
- Touch  to rotate the map.
- Touch  to view the map in two dimensions.
- Touch  to view the map in three dimensions.
- Touch anywhere on the map. An arrow points to the location.
- Touch  for more options.

Navigating in Driving Mode

Before you can navigate with your device, you must acquire satellites ([page 10](#)).

1. Find a location ([page 12](#)).

2. Touch **Go!**.

The device creates a route to the location and opens the map. Your route is marked with a magenta line.

As you travel, your device guides you to your destination with voice prompts, arrows on the map, and directions at the top of the map.

If you deviate from the original route, your device recalculates the route and provides new directions.

Using Map Navigation Tools



- ① Touch to view the next turn.
- ② Touch to view the route details.
- ③ Touch to zoom in and zoom out.
- ④ Touch for present location information.
- ⑤ Touch to view trip information.

Viewing the Entire Route on the Map

1. While navigating a route, touch the text bar on the top of the map.
2. Touch **Show Map**.

The map appears with your route marked with a magenta line.



Viewing Route Details

You can view all of the turns for your route and the distance between turns.


1. While navigating a route, touch the text bar on the top of the map.
2. Touch a turn on the list to view details for the turn.

Viewing the Next Turn

You can view the next turn on the map and the distance and time left before you reach the turn.


1. While navigating a route, touch the text bar on the top of the map.
2. Touch a turn on the list.
3. Touch  and  to see more turns in the route.

Adding Via Points to the Active Route

1. While navigating a route, touch  > **Where To?**.
2. Search for an intermediate location.
3. Touch **Go!** > **Add As a Via Point**.

Taking a Detour

While navigating a route, you can use detours to avoid obstacles ahead of you, such as construction zones.

1. While navigating a route, touch .
2. From the scrolling menu, touch **Detour**.

If your active route is the only reasonable option, the device might not calculate a detour.

Stopping the Route

1. While navigating a route, touch .
2. From the scrolling menu, touch **Stop**.

Avoiding Road Features

1. From the scrolling menu, touch **Settings** > **Navigation** > **Automobile** > **Avoidances**.
2. Select the check boxes to indicate the road features to avoid.
3. Touch **OK**.


Viewing Trip Information

From the map, touch **Speed**.

The trip information displays a compass, your speed, and other helpful statistics about your trip.



Resetting the Trip Information

1. From the map, touch **Speed** > .
2. Touch an item to reset.

Navigating in Walking Mode

1. Remove the device from the mount.
2. Find a location ([page 12](#)).
3. Touch **Go!** > **No**.

Using the Compass to Navigate

1. From the map, touch **Speed**.


As you travel, the compass rotates to indicate your direction of travel.

2. Move in a circle until the arrow points at the bug indicator.

NOTE: The bug indicator is the inverted triangle at the top of the compass, which indicates your heading.

3. Continue traveling in this direction, toward your destination.

Calibrating the Compass

1. From the Home screen, touch **View Map** > **Speed** >  > **Calibrate Compass**.
2. Follow the on-screen instructions.

About Custom Routes

You can plan and save custom routes that include multiple via points.


Planning and Saving a Route

1. Touch **Where To?** > **Routes** > **New Route** > **OK**.
2. Find a start location.
3. Touch **Select** > **OK**.
4. Find a destination.
5. Touch **Select**

The route is automatically saved.




Adding Via Points to a Custom Route

Before you can add a via point to a custom route, you must plan and save at least one route ([page 25](#)).


1. Touch **Where To?** > **Routes**.
2. Touch a route.
3. Touch **View Map** > **Add Via Points** > **Add Via Point**.
4. Search for an intermediate location.
5. Touch **Select**.
6. Touch **Add Via Point** to add other via points to the route, if necessary.
7. Touch  to save the route.

Editing a Custom Route

Before you can edit a custom route, you must plan and save at least one route ([page 25](#)).

1. Touch **Where To?** > **Routes**.
2. Touch a route.
3. Edit the route:
 - Touch  > **Change Name**.
 - Touch **View Map**, and select an option:
 - Touch **Add Via Point** (see [page 26](#)).
 - Touch **Reorder** to move a location down or up in the route.
 - Touch  > **Remove Points** to delete a via point.
 - Touch  > **Optimally Reorder Points** to automatically reorder the via points.

Deleting a Custom Route

1. Touch **Where To?** > **Routes**.
2. Touch a route.
3. Touch  > **Delete** > **Yes**.

Starting to Navigate a Custom Route

Before you can navigate a custom route, you must plan and save at least one route ([page 25](#)).

1. Touch **Where To?** > **Routes**.
2. Touch a route.
3. Touch **Go!**.


Viewing Your Trip Log

You can record the path you travel (called a trip log) and display it as a blue-green line on the map.

1. From the scrolling menu, touch **Settings** > **Navigation**.
2. Select **Automobile** or **Pedestrian**.
3. Touch **Trip Log** > **Show** > **OK**.

As you travel, the trip log appears on the map.

Clearing the Trip Log

From the scrolling menu, touch **Settings** > **Navigation** >  > **Clear Trip Log**.

Using E-mail

Adding an E-mail Account

Before you can send or receive e-mail messages, you must have a Wi-Fi connection ([page 52](#)).


The device can automatically configure account information for some e-mail accounts. If additional information is required, the device prompts you to enter the required information. Contact your e-mail account provider for configuration information.






1. From the scrolling menu, touch **E-mail > Add Account**.
2. Enter the e-mail address.
3. Touch **Done**.
4. Enter the password.

5. Touch **Done**.
6. If necessary, enter account-configuration information from your service provider.
7. Touch **Save**.

Viewing an E-mail Message

Before you can send or receive e-mail messages, you must have a Wi-Fi connection ([page 52](#)).


1. From the scrolling menu, touch **E-mail**.
2. Touch  > **Check E-mail** to check for new e-mail messages, if necessary.
3. Touch an e-mail message.

4. Select an option:
 - Touch  to view the location information, if available.
 - Touch  to open the attachment, if available.
 - Touch **Reply** to compose a reply to the sender.
 - Touch **Reply All** to compose a reply to the sender and all other recipients.
 - Touch **Forward** to send the e-mail to another recipient.
 - Touch  > **Delete** to delete the e-mail.
 - Touch  > **Mark Unopened** to display the e-mail as unopened in your inbox.
 - Touch  > **Maximum Mailbox Size** to select the maximum size for the mailbox.

Sending an E-mail Message

Before you can send or receive e-mail messages, you must have a Wi-Fi connection ([page 52](#)).

1. From the scrolling menu, touch **E-mail > Compose**.
2. Touch **To**.
3. Select an option:
 - Touch **Use Keyboard** to enter a recipient.
 - Touch **Add Contact** to select a contact.
4. Touch **Subject**.
5. Enter a subject.

6. Touch **Attachments** to add an attachment (optional):
 - Touch **Contact**, and touch a contact.
 - Touch **Email**, and touch an e-mail.
 - Touch **Music**, touch a category and subcategory, and touch a song.
 - Touch **Location**, find a location ([page 12](#)), and touch **Select**.
 - Touch **Picture**, touch a picture, and touch **Select**.
7. Touch **Message**.
8. Enter the message.
9. Touch  for more options:
 - Touch **Set Importance**, touch an importance level, and touch **OK**.
 - Touch **Save to Drafts**.
 - Touch **Send Later**.




10. Touch **Send**.

About E-mail Attachments

You can view the following types of e-mail attachments:



- Microsoft® Word
- Excel®
- PowerPoint®
- Adobe® PDF
- HTML
- Plain text
- JPEG
- GIF
- PNG
- BMP
- WMF
- EMF

Viewing an E-mail Attachment

1. Open an e-mail message (page 28).
2. Touch .
3. Select an option:
 - Touch  and  to zoom in and out.
 - Touch the arrows to view the next page and the previous page.


Searching a Folder

NOTE: This feature searches only the headers of messages, not the message text.

1. From the scrolling menu, touch **E-mail**.
2. Select an option:
 - Touch  > **Change Folder** to search a different folder.
 - Touch  > **Search Current Folder** to search the folder.

3. Enter the search text.
4. Touch **Done**.

Changing Folders

1. From the scrolling menu, touch **E-mail**.
2. Touch  > **Change Folder**.
3. Touch a folder.

Managing E-mail Settings


Setting an E-mail Signature

You can set an e-mail signature for each e-mail account.

1. From the scrolling menu, touch **Settings** > **Applications** > **E-mail**.
2. Touch an account.
3. Touch **Edit Account Settings** > **SMTP Settings** > **Signature**.
4. Enter a signature.
5. Touch **Done**.



Setting the Default E-mail Account

The default e-mail account is used for sending mail from the device.

1. From the scrolling menu, touch **Settings > Applications > E-mail >  > Default Account.**
2. Touch an account.
3. Touch **OK.**

Managing Your Contacts

Adding a Contact



1. From the scrolling menu, touch **Contacts > .**
2. Touch an item.
3. Enter the information.
4. Touch **Done** or **OK > .**

Searching for a Contact


1. From the scrolling menu, touch **Contacts.**
2. Touch and drag the contact list.




Editing and Deleting Contacts

Editing a Contact



1. From the scrolling menu, touch **Contacts**.
2. Touch a contact.
3. Touch  > **Edit Contact**.
4. Touch an item.
5. Edit the information.
6. Touch .

Adding a Picture for a Contact



1. From the scrolling menu, touch **Contacts**.
2. Touch a contact.
3. Touch  > **Edit Contact**.
4. Touch the picture placeholder.

5. Select an option:
 - Touch  > **Take a Picture** to take a picture using the device camera.
 - Touch a saved picture.
6. Touch  or  to size the picture.
7. Touch **Select**.


Changing a Picture for a Contact

1. From the scrolling menu, touch **Contacts**.
2. Touch a contact.
3. Touch  > **Edit Contact**.
4. Touch the picture.
5. Touch **Choose Picture**, touch a picture, and touch **Select**.
6. Touch .

Assigning a Location to a Contact

1. From the scrolling menu, touch **Contacts**.
2. Touch a contact.
3. Touch  > **Edit Contact**.
4. Touch an address field.
5. Touch **Search for location?**.
6. Find a location ([page 12](#)).
7. Touch **Select** > .

Deleting a Contact


1. From the scrolling menu, touch **Contacts**.
2. Touch a contact.
3. Touch  > **Delete** > **Yes**.

Starting a Route to a Contact

1. From the scrolling menu, touch **Contacts**.
2. Touch a contact.
3. Touch **Go!**
4. If necessary, touch an address field to enter a location.
5. Find a location ([page 12](#)).
6. Touch **Select** > **Go!**









Browsing the Web

Before you can access Web browser features, you must have a Wi-Fi connection ([page 52](#)).

1. From the scrolling menu, touch **Web Browser** > .
2. Enter a URL.
3. Touch **Done**.

Using the Web Browser

Before you can access Web browser features, you must have a Wi-Fi connection ([page 52](#)).

- Touch  to zoom in on the center of the screen.
- Touch  to zoom out from the center of the screen.
- Touch  to return to the Home screen.
- Touch  to refresh the Web page.
- Touch  to stop loading the Web page.
- Touch  to enter a URL.
- Touch  to return to the previous Web page in your history.
- Touch  > **Forward** to go to the next Web page in your history.
- Touch and drag the screen to scroll the Web page.
- Touch links, text-entry boxes, and other interactive items to activate them.

Setting Your Browser Home Page



1. From the scrolling menu, touch **Settings > Applications > Browser > Home Page**.
2. Enter a URL.
3. Touch **Done**.

Adding a Web Page as a Bookmark


Before you can access Web browser features, you must have a Wi-Fi connection ([page 52](#)).

1. Open the Web page to save.
2. Touch  > **Bookmarks > Add Current Page > Done**.

Removing a Web Page from Bookmarks


1. From the scrolling menu, touch **Web Browser >  > Bookmarks >  > Delete**.
2. Select the Web page to remove.
3. Touch **Delete**.

Viewing a Bookmarked Web Page

1. From the scrolling menu, touch **Web Browser >  > Bookmarks**.
2. Touch a Web page to view in the browser.

Viewing Your Web Page History



Before you can access Web browser features, you must have a Wi-Fi connection ([page 52](#)).

1. From the scrolling menu, touch **Web Browser >  > History**.

2. Touch a Web page to view in the browser.

Sharing a URL

Before you can access Web browser features, you must have a Wi-Fi connection ([page 52](#)).

1. From the scrolling menu, touch **Web Browser** > .
2. Enter a URL.
3. Touch **Done**.
4. Touch  > **Email To**.
5. Touch **To**.
6. Select an option:
 - Touch **Use Keyboard** to enter a recipient.
 - Touch **Add Contact** to select a contact.
7. Touch **Subject**.
8. Enter a subject.

9. Touch **Attachments** to add an attachment (optional).
10. Touch **Message**.
11. Enter the message.
12. Touch **Send**.

Changing Browser Settings

1. From the scrolling menu, touch **Settings** > **Applications** > **Browser**.
2. Change browser settings:
 - Touch **JavaScript** > **On** > **OK** to allow JavaScript.
 - Touch **Accept Cookies** > **Yes** > **OK** to enable cookies.
 - Touch **Cookies** > **Yes** > **OK** to clear cookies.
 - Touch **History** > **Yes** > **OK** to clear the browser history.
 - Touch **Cache** > **Yes** > **OK** to clear the browser cache.

Playing Music


Music Player File Types

The music player supports MP3 and FLAC file types. You can place music files anywhere on the device internal storage or anywhere on the memory card.

All supported music files on your device are displayed in the Music Player.

Playing a Song

Before playing songs or creating playlists, you must transfer music files to your device ([page 52](#)).

1. From the scrolling menu, touch **Music Player** > .
2. Touch a category and subcategory, if necessary.
3. Touch a song.

The music player plays the selected song and the following songs.

Thomson MPEG Layer-3 Information

Supply of this product does not convey a license nor imply any right to distribute content created with this product in revenue-generating broadcast systems (terrestrial, satellite, cable and/or other distribution channels), streaming applications (via internet, intranets and/or other networks), other content distribution systems (pay-audio or audio-on-demand applications and the like) or on physical media (compact discs, digital versatile discs, semiconductor chips, hard drives, memory cards and the like). An independent license for such use is required. For details, please visit <http://mp3licensing.com>.

Changing the Music Player View

While playing a song, you can change the music player view:



- ① Touch to view the track, the cover art, and other information.
- ② Touch to view the playlist.
- ③ Touch to browse the music library without stopping the music.

About Playlists

A playlist is a list of songs that can be saved. The playlist appears on the playlist screen of the music player. You can also create and save playlists for future playback.



Creating a Playlist

1. From the scrolling menu, touch **Music Player** > > **Playlists** > **New Playlist**.
2. Touch a category and subcategory, if necessary.
3. Select the check box next to each song to add to the playlist.
4. Touch **OK**.
5. Touch > **Rename** to rename the playlist (optional).



Playing a Playlist

1. From the scrolling menu, touch **Music Player** > **Playlists**.
2. Touch a playlist.
3. Touch a song to begin playing the playlist.



Editing a Playlist



1. From the scrolling menu, touch **Music Player** >  > **Playlists**.
2. Touch a playlist.
3. Touch .
4. Select an option:
 - Touch **Save**, enter the name, and touch **Done**.
 - Touch **Add Songs**, touch a category and subcategory, select the songs, and touch **OK**.
 - Touch **Remove Songs**, select the songs, and touch **OK**.

Deleting a Playlist

1. From the scrolling menu, touch **Music Player** >  > **Playlists**.
2. Touch the playlist to delete.
3. Touch .
4. Touch **Remove Playlist** > **Yes**.

Searching the Music Player


1. From the scrolling menu, touch **Music Player** >  > **All** > .
2. Enter all or part of the song, the album, or the artist.

TIP: To begin a new search, touch  > .
3. Touch the song.

Taking and Viewing Pictures

NOTE: If it is not already removed, remove the plastic film from the camera lens before using the camera.

Taking a Picture

1. Press the **Camera** key.
2. Touch  > **Accept** to assign a GPS location to the photo (optional).

NOTE: The device must be receiving GPS signals to assign a GPS location to the photo ([page 10](#)).

3. Press the **Camera** key halfway to focus on the object.

A green box appears on the screen. Your device focuses on the object inside the box.




4. Press and hold the **Camera** key until you hear the camera click. The picture is saved.

About Picture File Types

Your device supports the following file types for pictures: JPEG, PNG, and BMP

For more information on copying files from your computer to your device, see [page 52](#).



Viewing Pictures

1. From the scrolling menu, touch **Camera** > .
2. Touch a picture.
3. Touch the arrows to view additional pictures.


Viewing a Slideshow

From the scrolling menu, touch **Camera** >  >  > **Slideshow**.

Deleting Pictures






1. From the scrolling menu, touch **Camera** >  >  > **Delete Pictures?**.
2. Touch the pictures to delete.
3. Touch **Delete** > **Yes**.




Sharing Pictures

1. From the scrolling menu, touch **Camera** > .
2. Touch a picture.
3. Touch **Share**.
4. Touch **To**.
5. Select an option:
 - Touch **Use Keyboard** to enter a recipient.
 - Touch **Add Contact** to select a contact.
6. Touch **Subject**.
7. Enter a subject.
8. Touch **Message**.
9. Enter the message.
10. Touch **Send**.

Setting the Wallpaper


The wallpaper image appears when the device is locked.




1. From the scrolling menu, touch **Camera** > .
2. Touch a picture.
3. Touch  > **Set as Wallpaper**.
4. Set the picture for portrait mode:
 - Touch and drag to move the picture.
 - Touch  and  to adjust the zoom level.
 - Touch  to rotate the picture.
5. Touch **Set Portrait**.

6. Set the picture for landscape mode:
 - Touch and drag to move the picture.
 - Touch  and  to adjust the zoom level.
 - Touch  to rotate the picture.
7. Touch **Set Landscape**.

Starting a Route to a Picture



You can route to pictures that have GPS location information ([page 41](#)).

1. From the scrolling menu, touch **Camera** > .
2. Touch a photo.

When GPS location information is saved,  appears for the photo.
3. Touch  >  > **Go!**.

Organizing Your Life

Using the Calendar

1. From the scrolling menu, touch **Calendar**.
2. Complete an action:
 - Touch  or  to change the month.
 - Touch **New** to add an event.
 - Touch **Today** to view the present day.
 - Touch **Agenda** to view the daily calendar and upcoming appointments.
 - Touch **Month** to view the monthly calendar.
The present day is circled in red.
 - Touch an appointment to view details.

Creating an Appointment

1. From the scrolling menu, touch **Calendar**.
2. Touch the date of the appointment.
3. Touch **New**.
4. Complete an action:
 - Touch **Subject**, enter a subject, and touch **Done**.
 - Touch **Location**, and select an option:
 - Touch **Enter Location Name**, enter the address or location name, and touch **Done**.
 - Touch **Select Location**, find a location, touch the location, and touch **Select**.

- Select the duration of the appointment:
 - Touch **All Day** to create an all-day appointment.
 - Select a start and end time.
- Touch **Reminder**, touch a reminder time, and touch **OK**.
- Touch **Repeat**, select how often the appointment recurs, and touch **OK**.
- Touch **Notes**, enter the notes, and touch **Done**.

5. Touch **Save**.

Starting a Route to an Appointment

If the appointment has location information, you can start a route to the location. See [page 44](#) to set a location for an appointment.

1. From the scrolling menu, touch **Calendar**.

2. Touch the appointment.
3. Touch  > **Go!**.

Checking the Weather Forecast

CAUTION

The weather information provided through this product is subject to service interruptions and may contain errors, inaccuracies, or outdated information, and consequently should not be relied upon exclusively. Always use common sense while driving or navigating, and check alternate weather information sources prior to making safety-related decisions. You acknowledge and agree that you shall be solely responsible for use of the weather information and all decisions made with respect to driving or navigating in unsafe weather conditions.


Before you can use this feature, you must have a Wi-Fi connection (page 52). This service is not available in all areas.

1. From the scrolling menu, touch **Weather**.


The device displays the local weather conditions and a six-day forecast.

2. Touch a day to view a detailed forecast for that day.

Viewing the Weather Forecast in Other Cities

1. From the scrolling menu, touch **Weather** >  > **Weather Near** > **A Different City** > **OK**.
2. Enter the city name.
3. Touch **Done**.
4. Touch the city.
5. Touch **Select**.

Viewing the Weather Forecast for a Favorite Location

1. From the scrolling menu, touch **Weather** >  > **Weather Near** > **A Favorite** > **OK**.
2. Touch an option.
3. Touch the location.
4. Touch **Select**.

Using the Clock

For information on manually changing the time or the time zone, see [page 55](#).

Changing a City in the Time List


The device displays time information for your location and three other cities.

1. From the scrolling menu, touch **Tools > Clock > Clock**.
2. Touch the city to replace.
3. Enter all or part of a city name.
4. Touch **Done**.
5. Touch the city.
6. Touch **Select**.

Setting an Alarm

1. From the scrolling menu, touch **Tools > Clock > Alarm > Add Alarm**.
2. Select an alarm time.
3. Touch **OK**.
4. Select a ringer (optional).
5. Touch **OK**.
6. Select how often the alarm should repeat.
7. Touch **OK**.
8. Touch **Save**.

Managing Alarms

- Touch an alarm, and touch **Disabled > Yes** to disable the alarm while retaining the settings.
- Touch an alarm, and touch **Disabled > No** to enable the alarm.
- Touch an alarm, and touch  **Delete > Yes** to delete an alarm.
- When the alarm sounds, touch **Snooze** to hear the alarm again in 10 minutes.
- When the alarm sounds, touch **Dismiss** to turn off the alarm.

Viewing the World Map

From the scrolling menu, touch **Tools > Clock > World Map**.

The map displays areas of daylight and night across the world.


Using the Stop Watch

1. From the scrolling menu, touch **Tools > Clock > Stop Watch**.
2. Touch **Start** to start the timer.
3. Touch **Lap/Split** to record the lap time and the split time (optional).
4. Touch **Stop** to stop the timer.
5. Touch the **Lap** and **Split** times to view details (optional).
6. Touch **Reset** to reset the timer.


Using the Converter

Converting Units

1. From the scrolling menu, touch **Tools > Converter**.
2. Touch the button under **Convert**.
3. Touch the type of items to be converted.

4. Touch **OK**.
5. Touch a unit of measurement.
6. Touch the unit type.
7. Touch **OK**.
8. Touch a number.
9. Enter the number of units to be converted.
10. Touch **OK**.
11. To clear the number of units, touch  **> Clear** (optional).

Setting Conversion Rates Manually

1. From the scrolling menu, touch **Tools > Converter**.
2. Touch the button under **Convert**.
3. Touch **Currency > OK**.
4. Touch  **> Custom**.

5. Touch the currency for which the conversion rate is being set.
6. Touch **OK**.
7. Touch the conversion rate to change.
8. Enter a new conversion rate.
9. Touch **OK**.
10. Repeat steps 7 through 9 to set the conversion rate for the other currency, if necessary.
11. Touch **Save**.

Using the Calculator

From the scrolling menu, touch **Tools > Calculator**.

Using Notes


Creating a Note

1. From the scrolling menu, touch **Tools > Notes**.
2. Touch **New**.
3. Enter the note.
4. Touch **Done**.


Editing a Note

1. From the scrolling menu, touch **Tools > Notes**.
2. Touch a note.
3. Touch **Edit**.
4. Edit the note.
5. Touch **Done**.

Deleting a Note

1. From the scrolling menu, touch **Tools > Notes**.
2. Touch a note.
3. Touch  > **Delete > Yes**.

Sending a Note as an E-mail Message

1. From the scrolling menu, touch **Tools > Notes**.
2. Touch a note.
3. Touch  > **Send**.
4. Send your e-mail message ([page 29](#)).



About the Checklist

You can use the checklist to track bill payments, groceries, travel, and vehicle maintenance. You can also create new checklists.


Creating a Checklist




1. From the scrolling menu, touch **Tools > Checklist**.
2. Touch **New Checklist**.
3. Enter the name.
4. Touch **Done**.
5. Touch **Add/Remove Items > New Item**.
6. Enter the name of the item.
7. Touch **Done**.

Deleting a Checklist

1. From the scrolling menu, touch **Tools > Checklist**.
2. Select an option:
 - Touch  > **Reset > Yes** to delete all created checklists.
 - Touch  > **Delete Checklists**, select the checklists to delete, and touch **Delete Checklists > Yes**.

Using Checklists

1. From the scrolling menu, touch **Tools > Checklist**.
2. Touch a checklist.
3. Select an option:
 - Select the check boxes to indicate the items to appear on your checklist.
 - Touch  > **Check All** to select all of the items on the checklist.

- Touch  > **Clear All Checks** to clear all of the items on the checklist.
- Touch **Add/Remove Items > New Item**, enter the name of the item, and touch **Done**.
- Touch **Add/Remove Items >  > Delete Items**, select the items to delete, and touch **Delete > Yes**.
- Touch  > **Rename** to rename the checklist (optional).

Connecting with Other Devices

About File Transfer Mode

NOTICE

If you are not sure about the purpose of a file, do not delete the file. Your device memory contains important system files that should not be deleted. Be especially cautious of files located in folders entitled “Garmin.”

File transfer mode is also referred to as USB mass storage mode. Use file transfer mode to add files to the device.

Transferring Files

You can transfer files, such as MP3s and JPEGs, to your device.

1. Insert the memory card (page 2).
2. Connect the mini-USB cable to the connector on the bottom of the device (not the cradle).

3. Connect the cable to your computer.
4. Touch **Yes** to switch to mass storage mode.
5. Double-click the My Computer icon (Windows® computers) or the mounted-volume icon (Mac® computers) on your computer.

Two additional drives (volumes) appear in the list of drives on your computer. One is the internal memory of the device. The other is the memory card.
6. Copy and paste the files to transfer into the appropriate folders in the new drives.

About Wi-Fi

You can connect to the Internet using a Wi-Fi connection. Before you can use Wi-Fi, you must be in a Wi-Fi coverage area (Wi-Fi hotspot). A Wi-Fi connection is required to use e-mail, Web browser, and weather services.

Wi-Fi hotspot charges may apply.

Connecting to a Wi-Fi Network

1. From the scrolling menu, touch **Settings > System > Wi-Fi > Wi-Fi Off > On > OK.**

The device searches for Wi-Fi networks.

2. Select a network.


NOTE:  indicates networks that require an encryption key.

3. If necessary, enter an encryption key.
4. Touch **Connect.**

After you have connected to a Wi-Fi network, the device remembers the network for future use. These networks appear in the network list even when they are out of range.

Adding a Network

You can add non-broadcasting networks or other networks that your device does not automatically detect.

1. From the scrolling menu, touch **Settings > System > Wi-Fi >  > Add > Network Name.**

2. Enter a network.

3. Touch **Done.**

4. Enter the network information as appropriate.

5. Touch **OK.**

Removing a Network

1. From the scrolling menu, touch **Settings > System > Wi-Fi.**

2. Touch the network.

3. Enter the network encryption key, if necessary.

4. Touch  > **Forget This Network.**

Customizing Your Device

General Device Settings

From the scrolling menu, touch **Settings > System > General**.

- **Distance Units**—sets the units of measure for distance.
- **Temperature Units**—sets the units of measure for temperature.
- **Safe Mode**—prevents you from entering data when your vehicle is in motion.
- **GPS Simulator**—simulates GPS functions, including simulating routes, when you are not receiving GPS signals.

- **Connected Services Feedback**—allows Garmin to collect your speed, your direction, and your location information, and share it with strategic partners and service providers.

NOTE: When you use Wi-Fi, your device automatically sends the collected data.

Security Settings

Creating a PIN to Unlock the Screen

When security is turned on, you must enter a PIN to unlock the device.

1. From the scrolling menu, touch **Settings > System > Security > Off > On > OK**.
2. Follow the on-screen instructions to create a PIN.


If you forget your PIN, contact Product Support. Your device can be unlocked, but all personal information is erased in the process (page 58).

Language Settings

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

From the scrolling menu, touch **Settings > System > Language**.

- **Voice**—sets the language for spoken instructions.
- **Text**—sets the language for all on-screen text.
- **Keyboard**—sets the language for the characters on the keyboard.

TIP: Touch  to search the list of languages or to preview the keyboard.

Date and Time Settings

From the scrolling menu, touch **Settings > System > Date/Time**.

- **Date Format**—sets the date format.
- **Time Format**—sets the time format to **12-Hour**, **24-Hour**, or **UTC**.
- **Time Zone Selection**—allows you to select a time zone manually.

Audio Settings

From the scrolling menu, touch **Settings > Audio**.

- **Vibrate**—sets the vibrate mode.
- **Sounds**—allows you to select tones for e-mail, the calendar, and the clock, and allows you to select to play a tone when you touch the screen.

- **Mixer**—allows you to adjust the volume levels for navigation and music.
- **Proximity Points**—sets proximity alerts.

NOTE: When you are within a certain distance of a point of interest or driving a certain speed near a point of interest, your device can provide visual and audio alerts.

Before you can use proximity alerts, you must load proximity points from www.garmin.com/extras.

- **Audio Boost**—allows you to bypass the audio voltage limit of 150 mV.

Navigation Settings

You can use different navigation settings for Automobile (Driving) and Pedestrian (Walking) usage modes.

Automobile and Pedestrian Navigation Settings


From the scrolling menu, touch **Settings > Navigation > Automobile** or **Pedestrian**.

- **Route Preference**—sets the preference for calculating routes.
- **Map Detail**—sets the level of detail on the map.

NOTE: More detail may result in slower map drawing.
- **Map View**—sets the perspective of the map.
 - Track Up displays the map in two dimensions (2-D) with your direction of travel at the top.

- North Up displays the map in 2-D with North at the top.
- 3-D displays the map in three dimensions, with Track Up orientation (default).
- **Avoidances**—allows you to select the types of roads and maneuvers the device should attempt to avoid when creating routes.
NOTE: This setting is available for Automobile (Driving) mode only.
- **Vehicle**—changes the icon that represents your position on the map.
- **Trip Log**—displays the path of your travels on the map.

Viewing Map Information


From the scrolling menu, touch **Settings > Navigation >  > Map Info.**

A list of installed maps appears.

NOTE: Clear the check box next to a map to disable the map.

Application Settings

Changing the Main Menu Order

1. Touch **Settings > Applications > Main Menu Order.**
2. Touch an item to move.
3. Touch a position in the list where the item should be placed.
4. Touch .

Display Settings

From the scrolling menu, touch **Settings > Display.**

- **Brightness**—changes the brightness of the screen.
TIP: Decreasing the brightness can save battery power.

- **Color Mode**—sets a light background (**Daytime**), a dark background (**Nighttime**), or automatically switches between the two based on the sunrise time and sunset time for your location (**Auto**).
- **Auto Lock**—sets the screen to automatically shut off if the device is inactive for the selected length of time.
TIP: Decreasing the auto lock time can save battery power.
- **Screen Shot**—allows you to take a picture of the device screen.

Viewing Software Information

From the scrolling menu, touch **Settings** >  > **About**.

Restoring Settings

From the scrolling menu, touch **Settings** >  > **Restore**.

Clearing All User Data

NOTICE

This process restores all settings to factory defaults and removes all user data.

Any items that you have saved on your device, such as Saved Locations, photos, and contacts, are erased.


Map data is not erased.


Deleted information cannot be recovered.

From the scrolling menu, touch **Settings** >  > **Master Clear**.

Appendix


About Satellite Signals

 in the upper-left corner of the status bar indicates the strength of the GPS signal. When at least one of the lines is green, your device has acquired satellite signals.


The more green lines, the stronger the GPS signal. If the device is not receiving GPS signals,  appears.

For troubleshooting information about acquiring satellites, see [page 64](#).

Viewing Detailed GPS Signal Information

From the scrolling menu, touch **Tools > Where Am I? >  > Satellite Info.**

Battery Information

 in the status bar indicates the status of the internal battery. To increase the accuracy of the battery gauge, fully discharge the battery and then fully charge it. Do not unplug the device until it is totally charged.

Maximizing the Battery Life

- From the scrolling menu, touch **Settings > Display > Brightness** to turn down the backlight.
- From the scrolling menu, touch **Settings > Display > Auto Lock** to reduce the timeout length.
- Do not leave your device in direct sunlight.
- Avoid prolonged exposure to excessive heat.

Replacing the Battery

WARNING

Do not use a sharp object to remove the battery. A sharp object may puncture the battery, which may present a risk of fire, chemical burn, electrolyte leak, and/or injury.

Only use the correct battery type. Using an incorrect battery may present a risk of explosion.

NOTICE

Contact your local waste disposal department for information on properly disposing of the battery and device.

If you need to replace the battery in the device, use the lithium-ion battery, Garmin Part Number: 010-11212-14. For more information on purchasing a replacement battery, go to <http://buy.garmin.com>.

Mounting on Your Dashboard

NOTICE

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

A mounting disk is included in some device packages. Use the mounting disk to mount your device to the dashboard and comply with certain state and local regulations.

1. Clean and dry the dashboard where you are placing the disk.
2. Remove the backing from the adhesive on the bottom of the disk.
3. Place the disk on the dashboard.
4. Remove the clear plastic cover from the top of the disk.

5. Place the suction cup mount on top of the disk.
6. Flip the lever down (toward the disk).

Removing the Device, Cradle, and Mount

Removing the Device from the Cradle

1. Press the release button on the bottom of the cradle.
2. Tilt the device forward.

Removing the Cradle from the Mount

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

Removing the Suction Cup Mount from the Windshield

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

Resetting the Device

WARNING

Do not use a sharp object to remove the battery. A sharp object may puncture the battery which may present a risk of fire, chemical burn, electrolyte leak, and/or injury.

If the device stops functioning, you may need to reset the device.

1. Press and hold the **Power** key to turn off the device.
2. Press and release the **Power** key to turn on the device.
3. If necessary, remove and replace the battery ([page 59](#)).

Caring for Your Device

- Avoid dropping your device.
- Avoid operating your device in high-shock and high-vibration environments.
- Do not expose the device to water. Contact with water can cause this device to malfunction.
- Do not store the device where prolonged exposure to extreme temperatures can occur, because it can cause permanent damage.
- Never use a hard or sharp object to operate the touchscreen, or damage may result.
- To help avoid theft, remove the device and mount from sight when not in use.
- Remove the residue on the windshield left by the suction cup.

Specifications

Physical size (W × H × D): 2.29 × 4.41 × 0.57 in. (58.1 × 112 × 14.6 mm)

Weight: 4.83 oz. (137 g)

Display: 3.5 in. diagonal, 272 × 480 pixels; WQVGA display with white backlight and touchscreen

Case: Not waterproof (IP51)

Operating Temperature range: from 5°F to 131°F (from -15°C to 55°C)

Charging Temperature range: from 32°F to 113°F (from 0°C to 45°C)

Connector: Mini-USB for power or computer, 2.5 mm audio for headphones

Battery type: User-replaceable 1200 mAh lithium-ion battery

Battery life: Approximately 3 hours of navigation time; 300–600 hours of standby time, depending on usage and settings

Charge time: Approximately 3 hours

Power input: DC vehicle power using vehicle power cable, or DC input using mini-USB connector

Usage: 3 W max.

GPS receiver: High-sensitivity

Acquisition times*:

Warm: <1 sec.

Cold: <38 sec.

Factory Reset: <45 sec.

*Average acquisition times for a stationary receiver with a clear view of the sky.

Other connectivity: Wi-Fi, mini-USB 2.0

Operating System: Linux™

Camera/Photos: 3.0 MP camera

Data storage: Internal memory; data stored indefinitely

Computer interface: Plug-and-play USB mass storage

Audio out: 2.5 mm

Troubleshooting

Issue/Question	Solution
How can I acquire satellite signals?	Verify that the GPS simulator is off.
	Ensure that the GPS has enough time to initialize. When the GPS is turned on for the first time, it may take a few minutes to initialize.
The device will not turn on.	Charge the battery (page 3).
	Replace the battery (page 60).
The device will not charge.	Replace the fuse in the vehicle power cable.
	As a safety precaution in high-temperature environments, the device will suspend charging and use battery power. If the device is mounted in a vehicle, remove the device from the mount and place it out of direct sunlight.
Which files can I delete?	Do not delete necessary files. In mass storage mode, do not delete or format the original directories, such as Garmin and Documents. Do not delete files for which you do not know the purpose.

Index

Symbols

- 12-hour time format 55
- 2-D map view 57
- 24-hour time format 55
- 3-D map view 57

A

- about the software 58
- accessories 4
- accounts, e-mail 28
- additional maps [i](#)
- addresses, searching for 16
- alarms
 - managing 47
 - setting 47
- application settings 57
- appointments
 - adding 44
 - routing to 45
- arm, suction cup 5
- attachments, e-mail 29, 30, 31

audio

- settings 55
- volume 10
- audio out 63
- automatic screen lock 11
- automobile mode 56
- avoiding road features 24, 57

B

- backlight. *See* brightness
- battery 3
 - charging 3
 - cover 2
 - discharging 3
 - information 59
 - installing 2
 - life 59
 - removing 60
 - replacing 60
- BMP 41
- bookmarks 36
- brightness 57, 59

browser

- buttons 35
- features 35
- home page 36
- settings 37
- browsing the Web 35
- businesses 15. *See* *also* points of interest button. *See* key; *See* keys

C

- calculator 49
- calendar 44–45
 - settings 57
- camera key 1
- care of the device 62
- categories
 - for locations 17–18
 - searching 13
- checklists 50–51
 - creating 50
 - deleting 51
 - using 51
- cities 19

- clearing user data 58
- clock 46–48, 55
 - alarms, managing 47
 - alarms, setting 47
 - setting 55
 - stop watch 48
- compass 25
 - calibrating 25
- connector
 - headphone/audio out 1
 - mini-USB 1
- contacting Garmin i
- contacts 32–34
 - adding 32
 - assigning location information 34
 - deleting 33–34
 - editing 33–34
 - for the cradle 1
 - navigating to 34
 - pictures for 33
 - routes to 34
 - searching for 32
- conversion rates 48–49
- converting
 - currency 48–49
 - units 48
- coordinates 19
 - changing the format 20
 - entering 19
- cradle 5
- currency 48–49
- custom routes 25
 - adding via points 26
 - deleting 27
 - editing 26
 - navigating 27
 - planning 25
- D**
- dashboard, mounting the device 60
- data, entering 9
- date and time settings 55
- date format 55
- daytime screen
 - background 58
- deleting
 - all user data 58
 - files 52, 64
- destinations. *See* locations;
See points of interest
- detours 24
- device care 62
- digital elevation map 22
- display settings 57
- documents, transferring 52
- driving mode 56
- driving route
 - settings 56–57
- E**
- e-mail 28–34
 - accounts 28
 - attachments 31
 - folders 31
 - location information 29
 - new messages 28
 - sending messages 29
 - sending pictures 42

sending URLs 37
signatures 31–34
viewing messages 28
working with
 messages 28–29
emergency assistance 12
entering data 9
exchange rates 48–49
extras 20

F

favorites, Web page.
 See bookmarks

features, device 1

files

 deleting 64

 transferring 52

file transfer mode 52

file types

 media gallery 41

 music 38

finding locations.

See searching for
 locations

folders, e-mail 31

found locations 14

 routes to 14

 sending 14

G

general device settings 54

geocaching 19

globe view 22

going home 15

GPS

 acquiring satellites 59

 signal information,
 viewing 59

 simulator 54

guarantee, new maps i

H

headphone/audio out

 connector 1

headphones 9, 63

headset 63

help file 11

history, Web page 36

home location 15

home page, Web

 browser 36

home screen, device 6

I

icons 7

information, trip 24

intersections 20

J

JPEG 41

K

key

 camera 1

 power 1

keyboard 9

keys, volume up/down 1

L

language settings 55

last position 18

lever, suction cup 5

list, recently found 18

lithium-ion battery 60

local search 15, 16

- location, your 16
- locations 14–20. *See*
 - also* points of interest
 - categories for 17–18
 - deleting 18
 - editing 17
 - finding 17
 - for contacts 34
 - saving 16
 - sending 14
 - starting a route 14
- locking the device 11
 - settings 55
- M**
- main menu,
 - customizing 57
- maps
 - additional *i*
 - buttons 21
 - contours 22
 - entire route 23
 - following routes 22
 - information about 57
 - introductory information 21
 - next turn 23
 - options 21–22
 - route details 23
 - settings for 56–57
 - updating *i*
 - zooming in and out 22, 23
- map view 56
 - 2-D 57
 - 3-D 57
 - north up 57
 - track up 56
- master clear 58
- maximum speed,
 - resetting 25
- memory card
 - installing 2
 - slot 1
 - transferring files 52
- menu, customizing 57
- messages, e-mail 29
- microSD card
 - installing 2
 - slot 1
 - transferring files 52
- mini-USB connector 1
- money exchange rates 48
- mounting
 - on the windshield 4–5
 - on your dashboard 60
 - removing 61
- music 38–40
 - files, storing 38
 - file types 38
 - playing 38
 - playlists 39
 - searching for 40
- N**
- navigation settings 56
- new maps *i*
- next turn 23
- nighttime screen
 - background 58

- notes 49–50
 - creating 49
 - deleting 50
 - e-mail and 50
 - editing 49
- nūMaps Guarantee i
- O**
- obstacles, avoiding 24
- on-screen keyboard 9
- on and off, turning the device 8
- orienting the screen 6
- P**
- parking spot. *See* last position
- pedestrian mode 25, 56
- photos 19. *See* also pictures
- pictures 41
 - deleting 42
 - file types 41
 - for contacts 33–34
 - location information 43
- routes to 43
- screen shots 58
- sending in e-mail messages 42
- taking 41
- viewing 42
- viewing slideshows 42
- places. *See* locations; *See* points of interest
- playlists 39
 - creating 39
 - deleting 40
 - editing 40
 - playing 40
- PNG 41
- points of interest 13. *See* also locations
- power cable, vehicle 5
- power key 1
- product support i
- R**
- recently found list, clearing 18
- recently found locations 16
- registration i
- removing the device, cradle, and mount 61
- resetting device 61
 - trip information 25
- restoring settings 58
- rotating the screen 6
- routes
 - adding via points to 24
 - appointments and 45
 - contacts and 34
 - custom 25
 - details 23
 - editing 26
 - entire 23
 - following 22
 - home 15
 - last position and 18
 - locations and 14
 - pictures and 43
 - planning 26
 - stopping 24
 - walking 25

- S**
- safe mode 54
 - satellite information,
 - viewing 59
 - satellites, acquiring 10
 - satellite signals, about 59
 - saved locations 16
 - categories for 17–18
 - deleting 18
 - editing 17
 - finding 17
 - saving your present location 16
 - screen
 - backlight. *See* screen brightness
 - brightness 57
 - color mode 58
 - lock 11
 - orienting 6
 - timeout 11
 - using the touchscreen 8
 - screen shots 58
 - scrolling menu,
 - customizing 57
 - searching for locations
 - addresses and 16
 - categories and 13
 - favorites 17
 - home 15
 - local search 15
 - points of interest 13
 - recently found 18
 - satellites and 10
 - spelling the name 13
 - Where Am I? 12
 - search location, default 13
 - security settings 54
 - sending
 - e-mail 28
 - locations 14
 - settings 54–58
 - application 57
 - audio 55–56
 - date and time 55
 - display 57
 - general 54
 - language 55
 - menu order 57
 - navigation 56–57
 - restoring 58
 - security 54–55
 - shortcuts 8
 - signals 59
 - signatures, e-mail 31
 - simulation mode 54
 - slideshow 42
 - software information 58
 - songs
 - lists 39–40
 - playing 38
 - specifications 62
 - speed limit 21
 - spelling a point of interest 13
 - stop watch 48
 - storing the device 62
 - suction cup
 - arm 5
 - lever 5
 - support *i*
 - surfing the Web 35

T

- temperature
 - charging 3, 62
 - operating 62
 - settings 54
 - text completion 9
 - theft, avoiding 62
 - time, setting 55
 - time format
 - 12-hour 55
 - 24-hour 55
 - UTC 55
 - timeout, screen 59
 - tips 8
 - touchscreen, using 8
 - transferring files 52
 - trip information 24
 - trip log 27
 - turning on and off 8
 - turns 23–24
- U**
- units of measure 54

updating

- maps i
 - software i
- URLs**
- entering 35
 - sending 37
- USB mass storage**
- mode 52
- user data, deleting 58**
- UTC time format 55**

V

- vehicle power cable 5
- vehicle route. *See* driving route
- via points 24
- vibrate mode 55
- volume up/down keys 1

W

- walking mode 25, 56
- walking route settings 56
- wallpaper 43

- weather forecast 45
 - for a favorite location 46
 - for other cities 46

Web browser

- buttons 35
- features 35
- home page 36
- settings 37

Web page

- bookmarks 36
- history 36

Where Am I? 12**Wi-Fi 52–53**

- adding a network 53
 - connecting to a network 53
 - removing a network 53
- world map 47**

Z

- zooming 22, 23, 31



© 2010 Garmin Ltd. or its subsidiaries

Garmin International, Inc.
1200 East 151st Street, Olathe, Kansas 66062, USA

Garmin (Europe) Ltd.
Liberty House, Hounsdown Business Park, Southampton, Hampshire, SO40 9LR UK

Garmin Corporation
No. 68, Jangshu 2nd Road, Sijhih, Taipei County, Taiwan

www.garmin.com

July 2010

Part Number 190-01218-00 Rev. B

Printed in Taiwan