owner's manual

Navigation Portable Pro

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Introduction

Manual Conventions

When you are instructed to "touch" something, use your finger to touch an item on the screen.

The small arrows (>) used in the text indicate that you should touch a series of items. For example, if you see "touch **Where to?** > **Favorites**" you should touch **Where to?**, and then touch **Favorites**.

Speech recognition commands such as "**Go Home**" or "**Find Nearest Bank**" are noted in green in this manual. When you are instructed to speak to your nüvi, talk in a normal voice directed to the unit.

nüvi® Tips and Shortcuts

- To quickly return to the Menu page, touch and hold **Back**.
- Touch and to see more choices. Touch and hold these buttons to scroll faster.

myGarmin™

Go to http://my.garmin.com to access the latest services for your Garmin products:

- Register your Garmin unit.
- Subscribe to online services for safety camera information (see page 40).
- Unlock optional maps.

Contact Garmin

Contact Garmin Product Support if you have any questions while using your nüvi. In the USA, go to www.garmin.com/support, or contact Garmin USA by phone at (913) 397-8200 or (800) 800-1020.

In the UK, contact Garmin (Europe) Ltd. by phone at 0808 2380000.

In Europe, go to www.garmin.com/support and click **Contact Support** for in-country support information, or contact Garmin (Europe) Ltd. by phone at +44 (0) 870.8501241.

Table of Contents

Introduction i
Manual Conventions i
nüvi® Tips and Shortcuts i
myGarmin™ i
Contact Garmin i
Your nüvi Unit 1

Getting Started 1
Installing the Battery 2
Mounting the nüvi 2
Removing the nüvi from the cradle 2
Mounting the Speech Recognition Remote Control 2
Configuring the nüvi 3
MSN® Direct Activation 3
Acquiring Satellites 3
Understanding the Menu Page 3
Finding Your Destination 4
Following Your Route 5
Adding a Stop 5
Taking a Detour 5
Stopping the Route 5
Speaking Commands 6
Adjusting the Volume 6
Locking the Screen 6

Where to? 7
Go! Page Options 7
Finding an Address 7
Finding a Place by Spelling the Name 7
Setting a Home Location 8
Finding Recently-Found Places 8
Favorites 8
Using Photo Navigation 9
Finding a Place Using the Map 10
Entering Coordinates 10
Creating and Editing Routes 10
Searching Near Another Location 11
Navigating Off Road 11
Walking to a Destination 11

Using the Main Pages 12
Map Page 12
Trip Computer Page 13
Turn List Page 13
Next Turn Page 13

Speaking Commands 14
Using the Remote Control 14
Activating Speech Recognition 14
Speaking to Your nüvi 14
Recognizing Icons and Tones 16
Using Speech Recognition Tips 16

Making Hands Free Phone Calls 17
Pairing Your Phone 17
Receiving a Call 18
In a Call 18
Hands Free Phone Menu 18

Using the Media Players 21
Playing Music 21
Listening to Audible Books 22

Managing Files 24
Supported File Types 24
Loading Files 24
Loading Pictures for Photo Navigation 25
Deleting Files 25

Using the Tools 26
Where Am I? 26
Settings 26
Routes 26
Help 26
Music Player 26
Audible Player 26
Picture Viewer 26
Traffic 27
MSN® Direct 27
Games 27
Calculator 27
Currency Converter 27
Unit Converter 28
World Clock 28
Alarm Clock 29
My Data 29

Using FM Traffic 30
Traffic in Your Area 30
Traffic on Your Road 30
Traffic on Your Route 30
Traffic Icons 31
Severity Color Code 31
Traffic Subscriptions 31

Customizing the nüvi 32
Changing the System Settings ... 32
Changing the Navigation Settings 32
Adding Security Settings 33
Updating the Time Settings 33
Adjusting the Display Settings 33
Changing the Map Settings 34
Setting the Bluetooth Technology Options 34
Setting the Languages 35
Viewing FM Traffic Subscription Information 35
Changing the Proximity Points Settings 36
Restoring All Settings 36

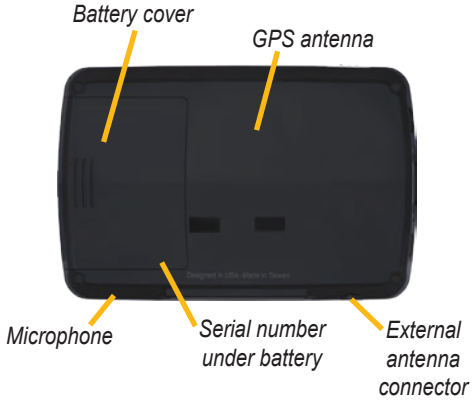
Appendix 37
Caring for Your nüvi 37
Locking Your nüvi 37
Calibrating the Screen 38
Resetting the nüvi 38
Updating the Software 38
Clearing User Data 38
Battery Information 38
Charging Your nüvi 39
Additional Maps 39
Extras and Optional Accessories 40
About GPS Satellite Signals 41
Declaration of Conformity 41

Important Legal Notice Regarding Your FM Transmitter 41
Software License Agreement 42
Specifications 43
Troubleshooting 44

Index 46

Getting Started

Your nüvi Unit



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

Installing the Battery

WARNING: This product contains a lithium-ion battery. To prevent damage, remove the unit from the vehicle or store it out of direct sunlight.

1. Locate the rectangular lithium-ion battery that came in the product box.
2. Slide the battery cover off the back of the nüvi.
3. Locate the metal contacts on the end of the lithium-ion battery.

4. Insert the battery so that the metal contacts on the battery match up with the metal contacts inside the battery compartment.
5. Press the battery down into place.
6. Slide the battery cover back on until it clicks into place.

Mounting the nüvi

1. Fit the bottom of your nüvi into the cradle.
2. Tilt the nüvi back until it snaps into place.

Removing the nüvi from the cradle

1. Press the small tab on the bottom of the cradle up.
2. Tilt the nüvi forward.
3. Snap the protective cover on to the cradle when it is not in use.

Mounting the Speech Recognition Remote Control

Pull the clear tab out of the remote control to activate it.

Mount the remote control in a convenient location in your vehicle, such as on your steering wheel. Use the strap to secure the remote control in place.

Configuring the nüvi

To turn on your nüvi, slide the **Power** key to the left. Follow the on-screen instructions.

MSN® Direct Activation

To activate MSN Direct on North American units, see the *MSN Direct Owner's Manual Supplement*.

Acquiring Satellites

Go outdoors to an open area, out of garages, and away from tall buildings. Stop your vehicle, and turn on the nüvi. Acquiring satellite signals can take a few minutes.

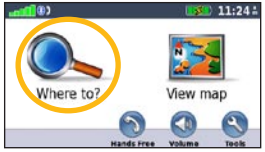
The bars indicate GPS satellite strength. When one bar is green, the nüvi has acquired satellite signals. Now you can select a destination and navigate to it. For more information about GPS, see page 41 and visit www.garmin.com/aboutGPS.

Understanding the Menu Page

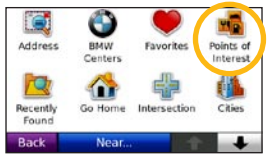
1. GPS satellite strength
2. Bluetooth® technology status
3. Battery status
4. Current time—touch to change time settings.
5. Touch to find a destination.
6. Touch to view the map.
7. Touch to make a call when connected to a compatible mobile phone.
8. Touch to adjust the volume.
9. Touch to use tools such as media players, settings, and Help.

Finding Your Destination

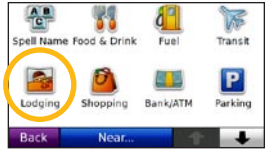
The Where to? menu provides several different categories for you to use when searching for addresses, cities, and other locations. The detailed maps loaded in your nüvi contain millions of points of interest, such as restaurants, hotels, and auto services.



1. Touch **Where to?**.



2. Select a category.



3. Select a subcategory.

4. Select a destination.

5. Touch **Go!**.

TIP: Touch ↑ and ↓ to see more choices.

Following Your Route

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

Your route is marked with a magenta line. Follow the arrows as you take turns.

A checkered flag marks your destination.

Adding a Stop

You can add a stop (called a Via Point) to your route. The nüvi gives you directions to the Via Point and then to your final destination.

TIP: To learn how to edit the active route, see page 10.

1. With a route active, touch **Menu** > **Where to?**.
2. Search for the extra stop.
3. Touch **Go!**.
4. Touch **Add as Via Point** to add this stop before your destination. Touch **Set as new Destination** to make this your new final destination.

Taking a Detour

1. With a route active, touch **Menu**.
2. Touch **Detour**.

The nüvi attempts to get you back on your original route as quickly as possible. If the route you are currently taking is the only reasonable option, the nüvi might not calculate a detour.

Stopping the Route

1. With a route active, touch **Menu**.
2. Touch **Stop**.

Speaking Commands

Use the speech recognition feature to speak to your nüvi to find destinations and select options.

Press the large button on the remote control to turn on speech recognition. When the green speak icon appears on the screen, speak a command. You can speak anything you see on the screen. For more information about the speech recognition feature, the remote control, and a list of shortcut commands, see pages 14–16.

Adjusting the Volume

From the Menu page, touch **Volume**. Touch **−** and **+** to adjust the master volume. Touch the box next to **Mute** to mute all audio.

To adjust the volume levels for the voice prompts, the media player, and the phone, touch **Mixer**. Adjust the levels as needed. Touch Restore to return the volume settings to the original levels.

Locking the Screen

To prevent accidental screen touches, slide the **Power** key to the right (🔒). To unlock the screen, slide the **Power** key to the center position.

Where to?

The Where to? menu provides several different categories you can use to search for locations. To learn how to perform a simple search, see page 4.

TIP: Touch **Near…** to change the search area. See page 11.

Go! Page Options

Touch an item in the search results list to view the Go! page.

Touch **Go!** to create a turn-by-turn route to this location.

If a mobile phone with Bluetooth technology is connected, touch to call this location.

Touch **Show Map** to view this location on the map.

Touch **Save** to save this location. See page 8.

Finding an Address

1. Touch **Where to?** > **Address**.
2. Touch **Change State/Province** or **Change Country**, if necessary.
3. Touch **Search All**.

   OR

   Touch **Spell City**, enter the city/postal code, and touch **Done**. Select the city/postal code in the list. (Not all map data provides postal code searching.)
4. Enter the number of the address, and touch **Done**.
5. Enter the street name, and touch **Done**. Select the correct street in the list, if necessary.
6. Touch the address, if necessary.

NOTE: Depending on the version of the maps loaded on your nüvi, the button names can change and some steps could be ordered differently.

Finding a Place by Spelling the Name

If you know the name of the location you are looking for, you can spell it using the on-screen keyboard. You can also enter letters contained in the name to narrow the search.

1. Touch **Where to?** > **Points of Interest** > **Spell Name**.
2. Using the on-screen keyboard, enter letters in the name. Touch **Done**.

Using the On-Screen Keyboard

When an on-screen keyboard appears, touch a letter or number to enter it.

Touch ␣ to add a space. Touch ◀ and ▶ to move the cursor. Touch ✎ to delete a character. Touch and hold ✎ to erase the entire entry.

Touch **Mode** to select the keyboard language mode. Touch **&?%** to enter special characters, such as punctuation marks.

Setting a Home Location

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

1. Touch **Where to?** > **Go Home**.
2. Select an option.

Going Home

After you set your home location, you can route to it at any time by touching **Where to?** > **Go Home**.

Changing Your Home Location

To change your home location, you must first delete it from **Favorites**.

1. Touch **Where to?** > **Favorites**.
2. Touch **Home** > **Edit** > **Delete** > **Yes**.

After you delete your home location, reset it by following the steps of "Setting a Home Location."

Finding Recently-Found Places

Your nüvi stores the last 50 of your recent finds in the Recently Found list. The most-recently viewed places appear at the top of the list. Touch **Where to?** > **Recently Found** to view your recently found items.

Deleting Recently Found Places

To remove all places from the Recently Found list, touch **Clear** > **Yes**.

NOTE: When you touch **Clear**, all items from the list are removed. This process does not delete the actual place from your nüvi.

Favorites

You can save places in your Favorites so you can quickly find them and create routes to them. Your home location is also stored in Favorites.

Saving Your Current Location

From the Map page, touch . Touch **Save Location** to save your current location.

Saving Places You Find

1. After you have found a place you want to save, touch **Save**.
2. Touch **OK**. The place is saved in Favorites.

Finding Saved Places

1. Touch **Where to?**.
2. Touch **Favorites**. Your saved locations are listed.

TIP: Your Last Position is automatically saved each time you remove the nüvi from the cradle. Use this feature to find your car in a parking lot.

Editing Saved Places

1. Touch **Where to?** > **Favorites**.
2. Touch the location you want to edit.
3. Touch **Edit**.

4. Touch an item to edit:
   - **Change Name**—enter a new name, and touch **Done**.
   - **Attach Photo**—select a picture to assign to the location.
   - **Change Map Symbol**— touch a new symbol used to mark this location on the map.
   - **Change Phone Number**— enter a phone number, and touch **Done**.
   - **Change Categories**—select another category for the location.
   - **Delete**—removes this item from the Favorites list. Touch **Yes**.

Using Photo Navigation

Panoramio™ provides pictures that include location information. You can load these pictures on your nüvi or on a microSD card and create routes to them.

1. Touch **Where to?** > **Favorites** > **Panoramio Photos**. Pictures you have saved on the nüvi drive or on the microSD card are listed.
2. Touch a picture.
3. Touch **Go!** to navigate to the location. Touch **Show Map** to view the location on the map.

Visit http://connect.garmin.com/photos to download pictures with location information. See page 25 for more information.

Finding a Place Using the Map

Use the Browse Map page to view different parts of the map. Touch **Where to?** > **Browse Map**.

Tips for Browsing the Map

- Touch the map, and drag to view different parts of the map.
- Touch − and + to zoom out and in.
- Touch any object on the map. An arrow appears pointing at the object.
- Touch **Save** to save this location.
- Touch **Go!** to navigate to the location
- If GPS mode is off, touch **Set Location** to set your location to the selected location. (See page 32.)

Entering Coordinates

If you know the geographic coordinates of your destination, you can use your nüvi to navigate to your destination using the latitude and longitude coordinates. This can be especially helpful when geocaching.

1. Touch **Where to?** > **Coordinates**.
2. Touch **Format** to change the type of coordinates. Because different maps and charts use different position formats, the nüvi allows you to select the correct coordinate format for the type of map you are using.
3. Enter the coordinates, and touch **Done**.

Creating and Editing Routes

Touch **Where to?** > **Routes**. Select the route you want to take and touch **Go!**.

Creating a Saved Route

Use your nüvi to create and save routes before your next trip. You can save up to 10 routes.

1. Touch **Where to?** (or **Tools**) > **Routes** > **New**.
2. Touch **Add New Start Point**.
3. Find a location as your starting point, and touch **Select**.
4. Touch **Add New End Point**.
5. Find a location as your ending point, and touch **Select**.

6. Touch + to add another location to your route. Touch − to remove a location.
7. Touch **Next** to calculate your route and view it on the map.
8. Touch **Save** to save the route and exit.

Editing Routes

1. Touch **Where to?** (or **Tools**) > **Routes**.
2. Select the route you want to edit.
3. Touch **Edit**.
4. Touch an item to edit:
   - **Change Name**—enter a new name, and touch **Done**.
   - **Add/Remove Points**—add or remove points from the route.
   - **Manually Reorder Points**—change the order of points along your route.
   - **Optimally Reorder Points**—automatically order the points.
   - **Recalculate**—change the route preference to calculate by faster time, shorter distance, or off road.
   - **Delete**—remove this route.

NOTE: Your changes are automatically saved when you exit any of the route edit pages.

Searching Near Another Location

NOTE: Your nüvi automatically searches for places near your current location.

1. Touch **Where to?** > **Near…**.
2. Select an option:
   - **Where I Am Now**—search near your current location.
   - **A Different City**—search near the city you enter.
   - **My Current Route**—search along your active route.
   - **My Destination**—search near your current destination.
3. Touch **OK**.

Navigating Off Road

If you are not following roadways as you navigate, use Off Road mode. Touch **Tools** > **Settings** > **Navigation** > **Route Preference** > **Off Road** > **OK**. Select a destination and touch **Go!** to navigate off road to the destination.

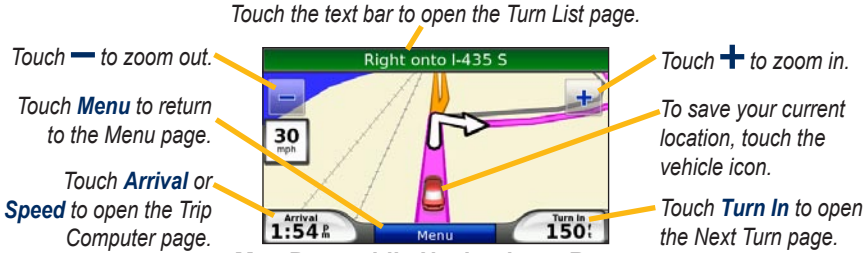
Walking to a Destination

If you are walking to your destination, use Pedestrian mode to optimize your route for walking. Touch **Tools** > **Settings** > **System** > **Usage Mode** > **Pedestrian** > **OK**.

Using the Main Pages

Map Page

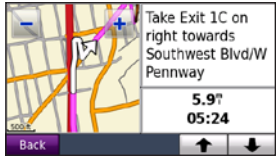
Touch **View map** to open the Map page. The vehicle icon shows your current location. Touch and drag the map to view a different area of the map (see page 10).



Map Page while Navigating a Route

Trip Computer Page

Turn List Page



Next Turn Page

TIP: A speed limit icon could appear as you travel on major roadways. This icon displays the current speed limit of the roadway.

Trip Computer Page

The Trip Computer page displays your current speed and provides helpful statistics about your trip.

To view the Trip Computer page, touch the **Speed** or **Arrival** field on the Map page.

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

Resetting Trip Computer

If you want accurate trip information, reset the trip computer before beginning a trip. Touch **Reset Trip** to reset the information on the Trip Computer page. Touch **Reset Max** to reset the maximum speed.

Turn List Page

When you are navigating a route, the Turn List page displays turn-by-turn instructions for your entire route and the distance between turns.

Touch the text bar on the top of the Map page to open the Turn List page. Touch a turn on the list to view the Next Turn page for that turn. Touch **Show Map** to view the entire route on the Browse Map.

Next Turn Page

When you are navigating a route, the Next Turn page shows the turn on the map and the distance and time left before you reach the turn.

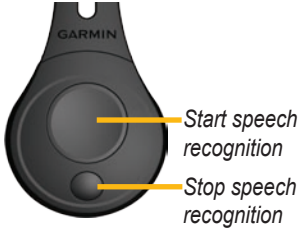
To view an upcoming turn on the map, touch the **Turn In** field on the Map page, or touch any turn from the Turn List page.

Speaking Commands

The speech recognition feature allows you to speak to your nüvi to find destinations, select options, and perform other functions.

Using the Remote Control

Use the remote control to start or stop a speech recognition session.



If the nüvi does not enter speech recognition mode, make sure the remote control is activated.

1. From the Menu page, touch **Tools** > **Settings** > **System** > **Remote** > **Deactivate All Remotes**.
2. Touch **Activate New Remote**.
3. Press a button on the remote control.

Activating Speech Recognition

1. Press the large button on the remote control.
2. Wait for the green speak icon to appear.
3. Speak a command.

Speaking to Your nüvi

Speech recognition uses four search methods:

- Speak any text on the screen
- Speak shortcut commands
- Speak the name of a popular place
- Speak an address

To speak any text on the screen:

1. Speak any word on the screen. For example, from the Tools menu, you can speak **Routes** or **Page Down**.
2. Listen for the voice prompt before speaking your next command.

To speak shortcut commands:

1. Speak any shortcut command from the shortcut commands listed below. You can use shortcut commands from any screen.
2. Listen for the voice prompt before speaking your next command.

Shortcut Commands

Audible Player	Help
Cancel Route	Main Menu
Detour	Music Player
Find Address	Stop Listening
Find City	Tools Menu
Find Favorite	Trip Computer
Find Place by Category	View Map
Find Place by Name	Volume Down
Find Recently Found	Volume Up
Go Home	Where Am I?
Hands Free	Where To?

MSN®-Specific Shortcut Commands

Show Gas Prices	Show Stocks
Show Local Events	Show Traffic
Show Movie Times	Show Weather
Show News	Show Web Favorites

NOTE: MSN Direct is available with BMW North American packages only. See the *MSN Direct Owner's Manual Supplement* for more information.

You can also say **Find Nearest** to search a location category. Location categories are Point of Interest categories contained in the nüvi. The Find Nearest command only works from the Menu page, the Where to? page, and the Map page.

To search using the Find Nearest shortcut command:

1. Say **Find Nearest** followed by a Point of Interest category, such as **Italian Restaurant**.

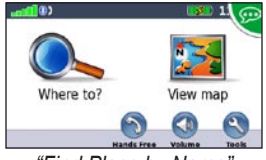
"Find Nearest Italian Restaurant"

Additional examples of Find Nearest commands include:

- **Find Nearest Gas Station**
- **Find Nearest Grocery Store**
- **Find Nearest Bank**
- **Find Nearest Movie Theater**

To speak the name of a popular place:

1. Speak **Find Place by Name** from any screen.

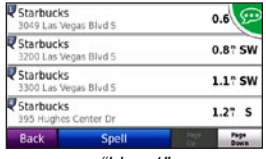


"Find Place by Name"

2. Listen for the voice prompt, and speak the name of the place. The nüvi repeats the name of the place as it is searching.

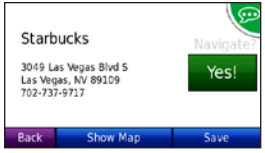
"Starbucks"

3. A list of places appears. Speak the line number of the place you want.



"Line 1"

4. Speak **Yes** to navigate to the place, or speak **No** to go back to the list of found places.



"Yes"

NOTE: You can only speak the names of very popular, well-known locations. Use the Where to? menu categories to search for other locations.

To speak an address:

1. Speak **Find Address** from any screen.
2. Respond to the prompts to speak or spell the city name, the house number, and the street.

Recognizing Icons and Tones

- The nüvi sounds two tones when it enters speech recognition mode.
- The nüvi sounds two tones when it exits speech recognition mode.
- The nüvi sounds two quick beeps if it does not recognize your command.
- A red speak icon is displayed in the upper-right corner of the screen when the nüvi is not ready for your command. Wait until the icon is green to speak your command.

Using Speech Recognition Tips

- Speak commands exactly as they appear on the screen.
- Respond to voice prompts from the nüvi.
- To enter numbers, speak the numbers you want to enter. Say **Delete** or **Backspace** to delete the last number. Say **Clear** to delete all numbers.
- Touch the screen or press the small button on the remote control to exit speech recognition mode.
- See page 44 for troubleshooting tips.

Making Hands Free Phone Calls

Using Bluetooth wireless technology, your nüvi can connect to your mobile phone to become a hands-free device. To determine whether your mobile phone with Bluetooth technology is compatible with the nüvi, visit www.garmin.com/bluetooth.

Bluetooth wireless technology establishes a wireless link between devices, such as a mobile phone and the nüvi. The first time you use two devices together you must "pair" them by establishing a relationship using a PIN/ passkey. After the initial pairing, the two devices can connect automatically each time you turn them on.

NOTE: You might have to set your mobile phone to connect to the nüvi automatically when it is turned on.

NOTE: The default Bluetooth technology setting is Disabled. See page 34 to enable Bluetooth technology.

Pairing Your Phone

To pair and connect, your phone and the nüvi must be turned on and be within 10 meters of each other.

Initiate pairing from your nüvi or from your phone. Refer to your phone instructions.

To pair using your phone settings:

1. Enable the Bluetooth component on your phone. This might be in a menu called Settings, Bluetooth, Connections, or Hands-free.
2. Initiate a search for Bluetooth devices.
3. Select the nüvi from the list of devices.
4. Enter the nüvi Bluetooth PIN (**1234**) into your phone.

To pair using the nüvi settings:

1. From the Menu page, touch **Tools** > **Settings** > **Bluetooth** > **Add**.
2. Enable Bluetooth component on your phone and enable Find Me/ Discoverable/Visible mode. These settings might be in a Bluetooth, Connections, or Hands-free menu.
3. Touch **OK** on the nüvi.
4. Select your phone, and touch **OK**.
5. Enter the nüvi Bluetooth PIN (**1234**) in your phone.

When your phone is connected to your nüvi, you are ready to make phone calls. Touch **Hands Free** to access the Hands Free phone menu.

When you turn on the nüvi, it tries to connect to the last phone to which it was connected.

NOTE: Not all phones support all features of the nüvi Hands Free phone menu.

Receiving a Call

When you get a call, the Incoming Call window opens. Touch **Answer** to answer the call. Touch **Ignore** to ignore the call and stop your phone from ringing.

The internal microphone is in the front of the nüvi; speak normally.

In a Call

During a call, the **In Call** icon appears. Touch > **End Call** to hang up. Touch > **Call Options** for the following options:

- **Touch Tones**—displays a keypad page so that you can use automated systems, such as voice mail.
- **Transfer Audio To Phone**—this is helpful if you want to turn off the nüvi but remain on the call, or if you need privacy. To switch back, touch **Transfer Audio To Device**.
- **Mute Microphone**.

Using Call Waiting

When you are on a call and you receive a second call (call waiting), the nüvi displays the Incoming Call window. Touch **Answer** to answer the call. The first call is placed on hold.

To switch between calls:

1. Touch > **Switch To**.
2. Touch **End Call** to hang up. This does not disconnect the call on hold.

Hands Free Phone Menu

From the Menu page, touch **Hands Free** to open the Hands Free phone menu.

NOTE: Not all phones support all features of the nüvi Hands Free menu.

Using Your Phone Book

Each time your phone connects with the nüvi, the phone book is automatically loaded into the nüvi. It could take a few minutes for the phone book to be available. Phone book transfer is not available on all phones.

1. Touch **Hands Free** > **Phone Book**.
2. Touch the phone book entry (contact) you want to call.
3. Touch **Dial** to call the contact, or touch **Compose** to send an SMS/text message.

Dialing a Point of Interest

1. Touch **Hands Free** > **POI Dial**.
2. Search for the point of interest you want to call.
3. Touch **Dial** or .

Dialing a Number

1. Touch **Hands Free** > **Dial**.
2. Enter the number, and touch **Dial**.

Viewing Your Call History

Each time your phone connects to the nüvi, your call history is automatically transferred to the nüvi. It can take a few minutes to transfer this data to the nüvi.

1. Touch **Hands Free** > **Call History**.
2. Touch a category to view those calls. The calls are listed in chronological order. The most-recent calls are at the top of the list.
3. Touch an entry, and touch **Dial**.

Calling Home

Enter a phone number for your home location so you can quickly call home.

To enter your phone number:

1. Touch **Hands Free** > **Call Home**.
2. Touch **Enter Phone Number** to use the keypad page or **Select From Phonebook** (only available if your phone supports phone book transfer).
3. Touch **Done** > **Yes**. The nüvi dials your home phone number.

NOTE: To edit your home location or phone number, touch **Where to?** > **Favorites** > **Home** > **Edit**.

To call home:

1. Touch **Hands Free** > **Call Home**.
2. The nüvi dials your home phone number.

Placing Calls Using Voice Dial

You can place calls by speaking the contact's name.

1. Touch **Hands Free** > **Voice Dial**.
2. Speak the contact name.

NOTE: You might need to "train" your phone to recognize your voice dial commands. Refer to your phone instructions.

Phone Status

Check your phone battery level and signal strength by touching **Hands Free** > **Phone Status**.

SMS/Text Messaging

If your phone supports SMS/text messaging using Bluetooth technology, you can send and receive text messages on the nüvi.

To review an incoming text message:

When you get a text message, the Incoming Message window opens. Touch **Review** to open your inbox, or touch **Ignore** to close the window.

To send a text message:

1. Touch **Hands Free** > **Text Message** > **Compose**.
2. Select an option to choose the text message recipient.
3. Touch **Keyboard Input**.
4. Enter the message, and touch **Done**.
5. If you want to attach a POI to the message, touch **Add Point**, and search for a POI.
6. Touch **Send** or **Send as Location Message**, if applicable, to send the message.

NOTE: Messages sent from your nüvi do not appear in outbox of your phone.

To send a location message:

Location messages contain text and GPS information that other nüvi users can view. Non-nüvi users receive a plain text message with latitude/longitude coordinates.

1. Touch **Hands Free** > **Text Message** > **Compose**.
2. Select an option to choose the text message recipient.
3. Select a type of message to send, such as **Meet me at…** or **Go to…**.
4. Select a location, and then touch **Send as Location Message**.
5. Select **Modify** to edit the message, if necessary.
6. Select **Send** to send the message.

NOTE: Messages sent from your nüvi do not appear in outbox of your phone.

To view your messages:

1. Touch **Hands Free** > **Text Message**.
2. Touch **Inbox**, **Outbox**, or **Drafts**.
3. Touch a message.
4. Select an option.
   - **Speak**—listen to the message. (Select a voice personality that speaks street names to listen to SMS/text messages; see page 35.)
   - **Forward**—send this message to another recipient or touch **Reply** to reply to this contact.

Using the Media Players

Playing Music

Load music files to the internal memory or microSD card. See pages 24–25.

1. Touch **Tools** > **Music Player**.
2. Touch **Browse**.
3. Touch a category.
4. To play the entire category from the beginning of the list, touch the first song listed. To play a specific song, touch the title.

- Touch to adjust the volume.
- Touch to play the current song from the beginning; touch again to play the previous song on the playlist. Touch and hold to rewind through the current song.
- Touch to skip to the next song. Touch and hold to fast-forward through the current song.
- Touch to pause the song.
- Touch **Repeat** to repeat the current playlist.
- Touch **Shuffle** to play songs in random order.
- Touch the album art to view details about the music file.

TIP: You can rewind and skip through the current song using the song status bar. Touch a point on the status bar to rewind or skip to that point. You can also touch, hold, and drag the status bar to a certain place in the song.

Supported File Types

The nüvi supports MP3 and FLAC music files, and M3U and M3U8 playlist files.

Creating and Listening to Playlists

Using your nüvi, you can listen to playlists created on your computer. You can also save playlists using your nüvi.

To save your current playlist:

1. While listening to music, touch **Browse** > **Playlists** > **Current Playlist** > **Save**.
2. Enter a name for the playlist, and touch **Done**.

To create a new playlist:

1. In the Music Player, touch **Browse** > **Playlists** > **New**.
2. Select a song from a category, and touch **Save**.
3. Enter a name, and touch **Done**.
4. To add more songs to your new playlist, touch **Edit** > **Add Songs**.

To create a playlist on a computer:

1. Using your computer and an audio program, create a playlist of music files. Save the playlist as an M3U or M3U8 file.

NOTE: You might need to edit the playlist file with a text editor, such as Notepad, to remove the path (link) to the music file. The playlist file should only list the music file names. Refer to the Help file for the audio program.

2. Transfer the playlist and the music files to the nüvi or the microSD drive (see pages 24–25). The playlist file must be in the same location as the music files.

To play a playlist:

1. In the Music Player, touch **Browse** > **Playlists**. All available playlists appear.
2. Touch a playlist, and touch **Play**.

To edit a playlist:

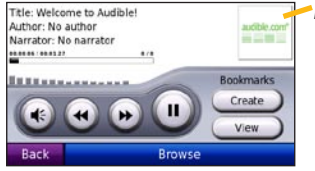
1. In the Music Player, touch **Browse** > **Playlists**.
2. Select the playlist you want to edit, and touch **Edit**:
   - **Change Name**—enter a new name, and touch **Done**.
   - **Add Songs**—browse the categories to find and add songs to the playlist.
   - **Remove Songs**—select the songs you want to remove from the playlist, and touch **OK**.
   - **Delete Playlist**—delete this playlist.

Listening to Audible Books

To purchase books from Audible.com®, go to http://garmin.audible.com.

Listening to a Book

1. Touch **Tools** > **Audible Player** > **Browse**.
2. Touch a category, and then touch a book title.



Book cover art

- Touch to adjust the volume.
- Touch to skip a section and to jump back. Press and hold to move forward or backward.
- Touch to pause the book.
- Touch the book cover art to view more-detailed information.

Using Bookmarks

To create a bookmark:

1. On the Audible Player, touch **Create**.
2. Touch **Save**.
3. Enter a name for the bookmark.
4. Touch **Done**.
5. Touch **Edit** to change the bookmark name or delete the bookmark.

To play a bookmark:

1. On the Audible Player, touch **View**.
2. Touch a bookmark.
3. Touch **Play** to listen to the book from the bookmark.

Loading Audible Books

1. Create an Audible.com account at http://garmin.audible.com.
2. Download AudibleManager®.
3. Open AudibleManager. Follow the on-screen instructions to activate your nüvi (one-time process).
4. Purchase a book at http://garmin.audible.com, and download the book to your computer.
5. Use AudibleManager to transfer the book to your nüvi or microSD card.

TIP: Refer to the AudibleManager Help file for detailed instructions. Touch **Help** > **Help**.

Managing Files

You can store files, such as MP3s and JPEG image files, in the internal memory on the nüvi or on a microSD card.

NOTE: The nüvi is not compatible with Windows® 95, 98, Me, or Windows NT®. It is also not compatible with Mac® OS 10.3 and earlier. This is a common limitation of most USB mass-storage devices.

Supported File Types

- MP3 and FLAC music files: see page 21
- M3U and M3U8 music playlist files: see pages 21–22
- AA audio book files: see page 22
- JPEG, JPG, PNG, BMP, and GIF image files: see pages 26
- GPX maps, routes, and waypoints files from MapSource®: see page 39
- GPI custom POI files from Garmin's POI Loader: see page 40

Loading Files

Step 1: Insert a microSD Card (Optional)

To insert or remove the card, press it in until it clicks.

Step 2: Connect the USB Cable

Connect the mini-USB connector to the side of the nüvi. Connect the larger end of the cable to an available USB port on your computer.

Your nüvi and microSD card appear as removable drives in My Computer on Windows computers, and as mounted volumes on Mac computers.

NOTE: Some operating systems or computers with multiple network drives can not display the nüvi drives. See your operating system Help file to learn how to map the drives.

Step 3: Transfer Files to Your nüvi

Copy and paste files from your computer into the nüvi drives/volumes.

1. Browse your computer for the file you want to copy.
2. Highlight the file, and touch **Edit** > **Copy**.
3. Open the "Garmin" or microSD card drive/volume.
4. Touch **Edit** > **Paste**. The file appears in the list of files in the nüvi memory or on the microSD card.

Step 4: Eject and Unplug the USB Cable

When you are finished transferring files, click the **Eject** icon in your system tray, or drag the volume icon to the **Trash** on Mac computers. Unplug your nüvi from your computer.

Loading Pictures for Photo Navigation

Download pictures with location information to your nüvi or microSD card for photo navigation. Visit http://connect.garmin.com/photos for more information.

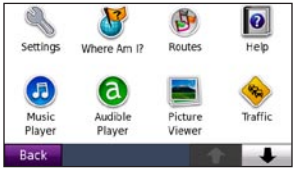
Deleting Files

Connect the nüvi to your computer, and open the nüvi or microSD card drive/volume. Highlight the file you want to delete, and press the **Delete** key on the computer keyboard.

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

Using the Tools

The Tools menu provides many features that are helpful when you are traveling. From the Menu page, touch **Tools** to access the Tools menu.



Where Am I?

Touch **Where Am I?** to view current location information. This feature is helpful if you need to tell emergency personnel your location. Touch a button on the right to view the nearest locations in that category. Touch **Save Location** to save your current location.

Settings

For information about the settings, see pages 32–36.

Routes

For information about routes, see pages 10–11.

Help

Touch **Help** to get information about using your nüvi.

Music Player

For information about the Music Player, see pages 21–22.

Audible Player

For information about the Audible Player, see pages 22–23.

Picture Viewer

Use the Picture Viewer to view pictures that you have stored in your nüvi or on a microSD card.

1. Touch **Tools** > **Picture Viewer**.
2. Touch a picture to view a larger image of it.
3. Touch the arrows to view all the images.

Viewing a Slide Show

Touch **Slide Show** to start a slide show, which displays each image for a few moments and then displays the next image.

Touch anywhere on the screen to stop the slide show.

Navigating to a Picture

If a picture contains location information, touch **Info**, and then touch **Go!** to create a route to it.

See page 25 for more information about loading pictures to your nüvi.

Traffic

You can only access the traffic information if the nüvi is connected to an FM traffic receiver.

MSN® Direct

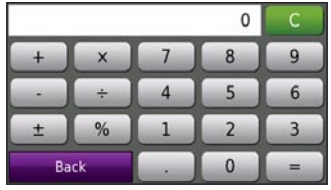
In North America, you can access MSN Direct content, including traffic, when your nüvi is mounted in the cradle. For more information, see the *MSN Direct Owner's Manual Supplement*, or visit http://garmin.msndirect.com and www.garmin.com/traffic.

Games

Touch **Tools** > **Games** to access multiple games available for your nüvi. Some of the games are trial versions. For game instructions and purchasing information, see www.garmin.com/games.

Calculator

1. Touch **Tools** > **Calculator**.



2. Enter the first number of your calculation.
3. Touch an operator.
   - +—add a number to an equation.
   - ×—multiply numbers in an equation.
   - -—subtract a number from an equation.
   - ÷—divide by a number.
   - .—add a decimal.
   - ±—make the number negative or positive.
   - %—make the number a percent (0.01).
   - C—clear the entry.
4. Enter the second number of your calculation.
5. Touch =.
6. Touch C to perform a new calculation.

Currency Converter

1. Touch **Tools** > **Currency Converter**.
2. Touch a currency button to change the currency.
3. Select a currency, and touch **OK**.
4. Touch the blank rectangle under the currency you want to convert.
5. Enter the number. Touch **Done**.
6. Touch **Clear** to convert a different value.

Updating Conversion Rates

The nüvi allows you to update the currency conversion rates manually so that you are always using the most-current rates.

1. Touch **Tools** > **Currency Converter** > **Update**.

2. Touch the rate you want to update.
3. Touch to erase the current rate. Enter a new rate, and touch **Done**.
4. Touch **Save** to finish.

TIP: Touch **Restore** to use the original rate.

Changing the Base Currency

You can change the base currency, the currency to which all other currencies are converted.

1. Touch **Tools** > **Currency Converter** > **Update** > **Change Base**.
2. Touch the button next to **New Base Currency**.
3. Select a currency as your new base currency.
4. Touch **OK > Change** to finish.

Unit Converter

1. Touch **Tools** > **Unit Converter**.
2. Touch the button below **Convert**, select a type of measurement, and touch **OK**.
3. Touch a unit of measure that you want to change.
4. Select a unit of measure, and touch **OK**. Repeat if necessary.
5. Touch the blank rectangle to enter a value.
6. Enter a value, and touch **Done**. The unit is converted.
7. Touch **Clear** to perform another conversion.

World Clock

1. Touch **Tools** > **World Clock**.
2. To change a listed city, touch the city.
3. Select an **Area**, a **Country**, and a **Time Zone** (or city). Touch **OK**.
4. Touch **World Map** to view a map. Nighttime hours are shown in the shaded area.
5. Touch **World Clock** to view the clocks again, or touch **Back** to exit.

Alarm Clock

You can set an alarm to sound at an appointed time.

Setting the Alarm

1. Touch **Tools** > **Alarm Clock**.
2. Touch **+** and **-** to adjust the alarm time.
3. Touch **Alarm Enabled** to turn on the alarm.

Using the Alarm Clock

If the nüvi is not turned on at the alarm time, it will turn itself on and sound the alarm.

Touch **Snooze** to turn the alarm off for 10 minutes. Touch **OK** to turn the alarm off until tomorrow.

My Data

Use this tool to manage and delete your saved data, such as your Favorites. If you have transferred a route from MapSource, touch **Import Route from File** to use that route in your nüvi.

Using FM Traffic

In Europe, your nüvi includes the FM TMC (Traffic Message Channel) traffic receiver. Traffic information is broadcast over the FM Radio Data System. For information about FM traffic receivers and coverage areas, see www.garmin.com/traffic.

NOTE: Garmin is not responsible for the accuracy of the traffic information. The FM traffic receiver receives signals from the traffic service provider and displays that information on your nüvi.

NOTE: The FM traffic receiver and the nüvi must be in data range of an FM station transmitting TMC data to receive traffic information.

NOTE: For BMW kits that include traffic, you can only access the traffic information if the nüvi is connected to the mount.

Traffic in Your Area

Touch **Tools** > **Traffic** to display traffic incidents in your area. Touch **View by Road** to see the incidents on each road in the area. If there is traffic on your route, touch **On My Route** to view details.

Traffic on Your Road

When you are not navigating a route and there is traffic on your road, the Map page displays a traffic icon, or . Touch the icon to view information about the traffic delay.

Traffic on Your Route

When calculating your route, the nüvi examines the current traffic and automatically optimizes the route for the shortest time. You might still be routed through traffic if no alternative roads exist. If a severe traffic delay occurs on your route while you are navigating, the nüvi automatically recalculates the route.

The Map page displays :15 or :02 when there is traffic on your route. The number in the icon represents the number of minutes the traffic has added to your route, which has been automatically calculated into the arrival time shown on the map.

To avoid traffic on your route:

1. On the Map page, touch :15 or :02.
2. Touch to view traffic delays.
3. Touch **Avoid**.

Traffic Icons

North American	Meaning	International
	Road Condition	
	Road Construction	
	Road Closed	
	Slow Traffic	
	Accident	
	Incident	
	Travel Information	

Severity Color Code

Green = Low severity—traffic is flowing normally.

Yellow = Medium severity—traffic is a bit congested.

Red = High severity—traffic is heavily congested or stopped.

Traffic Subscriptions

See pages 35–36 for information about adding a premium traffic subscription.
For more information about traffic subscriptions, go to www.garmin.com/fmtraffic.

Customizing the nüvi

1. Touch **Tools** > **Settings**.

2. Touch the setting you want to change.
3. Touch the button beside the setting name to change it.

Changing the System Settings

Touch **Tools** > **Settings** > **System**.

GPS Simulator—turn on the simulator to turn off the GPS mode and simulate navigation and/or to save battery power.

Usage Mode—specify how you will be navigating to optimize routes: **Automobile**, **Bicycle**, or **Pedestrian**.

Units—change units of measure to **Kilometers** or **Miles**.

Keyboard—select **QWERTY** for a layout similar to a computer keyboard, or select **ABC** for an alphabetical layout.

Remote—activate new remotes to use with your nüvi or deactivate remotes that are paired with your nüvi. You can have up to two remotes paired with your nüvi at one time.

About—display the nüvi software version number, the unit ID number, and the audio version number. You need this information when you update the system software or purchase additional map data (see page 39).

Restore—restore the system settings.

Changing the Navigation Settings

Touch **Tools** > **Settings** > **Navigation**.

Route Preference—select a preference for calculating your route:

- **Faster Time**—to calculate routes that are faster to drive but can be longer in distance.
- **Shorter Distance**—to calculate routes that are shorter in distance but can take more time to drive.
- **Off Road**—to calculate point-to-point routes (without roads).

Avoidances—select the road types you want to avoid on your routes.

Touch **Custom Avoids** to avoid a specific area or road. Follow the prompts in the text bar at the top of the screen.

To view and edit your custom avoids:

1. Touch **Tools** > **Settings** > **Navigation** > **Avoidances** > **Custom Avoids** > **View Custom Avoid List**.
2. Touch a custom avoid.
3. Select an option:

- **Rename**—change the name of the custom avoid.
- **Enable/Disable**—select **Enable** to include the custom avoid in route calculations. Select **Disable** to ignore the custom avoid when calculating routes.
- **Delete**—delete the Custom Avoid.

Prompted Detour—select to set a prompted detour for a specific distance or a particular road on the route. With a route active, touch **Detour** on the Menu page to see a list of detours.

Restore—restore the original navigation settings.

Adding Security Settings

Touch **Tools** > **Settings** > **Security**.

Safe Mode—turn Safe mode on or off. The default Safe mode is On. When your vehicle is moving, Safe mode disables all functions that require significant operator attention and could become a distraction while driving.

Garmin Lock—turn on Garmin Lock™ to lock your nüvi. Enter a 4-digit PIN, and set a security location. For more information, see page 37.

Restore—restore the original security settings. Note that restoring the security settings will not clear your Garmin Lock PIN or Security Location.

Updating the Time Settings

Touch **Tools** > **Settings** > **Time**.

Time Format—select a 12-hour, 24-hour, or UTC time format.

Time Zone—select a continent, a country, and a region. Touch **Change Continent** and **Change Country** to select new search areas. Use the arrows to scroll through your options.

Restore—restore the original time settings.

Adjusting the Display Settings

Touch **Tools** > **Settings** > **Display**.

Backlight Timeout—select the length of time the backlight stays on when the nüvi is not connected to external power.

Adjust Brightness—adjust the backlight brightness level. Reducing the backlight brightness increases your battery life.

Color Mode—select **Day** for a light background, **Night** for a dark background, or **Auto** to automatically switch between the two.

Screen Shot—turn on Screen Shot mode. Touch the to take a screen shot. The picture bitmap file is saved in the **screenshots** folder on the nüvi drive.

Restore—restore the original display settings.

Changing the Map Settings

Touch **Tools** > **Settings** > **Map**.

Map Detail—adjust the amount of detail shown on the map. Showing more detail can cause the map to redraw slower.

Map View—select a map perspective.

- **Track Up**—display the map in two dimensions (2D) with your direction of travel at the top.
- **North Up**—display the map in 2D with North at the top.
- **3D View**—display the map in three dimensions (3D) in Track Up.

Vehicle—touch **Change** to change the icon used to display your position on the map. Touch the icon you want to use, and then touch **OK**. Download additional vehicle icons at www.garmin.com/vehicles.

Auto Zoom—turn on Auto Zoom mode to automatically adjust the zoom setting based on your current speed and road type.

Show POIs—show or hide points of interest (POIs) on the map.

Trip Log—show or hide the log of your travels. To clear your trip log, touch **Tools** > **My Data** > **Clear Trip Log**.

Map Info—view the maps and the version of each map loaded on your nüvi. Touch a map to enable (check mark) or disable (no check mark) that map.

Restore—restore the original map settings.

Setting the Bluetooth Technology Options

Touch **Tools** > **Settings** > **Bluetooth**.

Bluetooth—turn on and off the Bluetooth component. The **Bluetooth** icon appears on the Menu page if the Bluetooth component is turned on. To prevent a phone from automatically connecting, select **Disabled**.

Phone—select **Add** > **OK** to pair with a phone that has Bluetooth wireless technology. See pages 17–20. Select **Change** to connect with a different phone.

- **Drop**—select the phone you want to disconnect, and touch **Yes**.
- **Delete**—select the phone you want to delete from the nüvi memory, and touch **Yes**.

- **Phone Help**—scroll through the list containing compatible devices. If your phone is not in this list, go to www.garmin.com/bluetooth for more information.

Friendly Name—enter a friendly name that identifies your nüvi on devices with Bluetooth technology. Touch **Done**.

Restore—restore the original Bluetooth settings. This does not clear the pairing information.

Setting the Languages

Touch **Tools** > **Settings** > **Language**.

Text Language—change all on-screen text to the selected language. Changing the text language does not change the language of user-entered data or map data, such as street names.

Voice Personality—change the language for voice prompts.

NOTE: Pre-recorded voices are not able to provide speech recognition prompts and cannot speak text messages. Select a voice that speaks street names to use the speech recognition prompts and text messages.

Keyboard—select the keyboard for your language. You can also change the keyboard language mode from any keyboard by touching the **Mode** button.

Speech Recognition Prompt—turn on or off the questions and prompts while in speech recognition mode.

Viewing FM Traffic Subscription Information

To view traffic subscription information in Europe, touch **Tools** > **Settings** > **Traffic.**

Auto—select which provider to use. Select **Auto** to use the best provider for the area, or select a specific provider to use.

Search—search for additional TMC traffic providers. To increase the search time, touch **Yes** to clear the provider table.

Subscriptions—view your FM traffic subscriptions and expiration dates. Touch **Add** to add a subscription.

Adding a Premium Subscription For Europe

You can purchase a premium subscription or renew your subscription if it expires. Go to www.garmin.com/fmtraffic.

1. From the Menu page on European units, touch **Tools** > **Settings** > **Traffic**.
2. Write down the FM traffic receiver unit ID.
3. Go to www.garmin.com/fmtraffic to purchase a subscription and get a 25-character code.
4. Touch **Next** on the nüvi, enter the code, and touch **Done**.

The traffic subscription code cannot be reused. You must obtain a new code each time you renew your service. If you own multiple FM traffic receivers, you must obtain a new code for each receiver.

Changing the Proximity Points Settings

You must have proximity points (such as custom POIs, a safety camera database, or a TourGuide®) loaded to adjust the proximity points settings. See page 40. Touch **Tools** > **Settings** > **Proximity Points**.

Proximity Alerts—turn on or off the alerts when you approach custom POIs or safety cameras.

TourGuide—set how you want the audio for TourGuide to be activated. Select **Auto Play** to hear the complete tour as programmed; **Prompted** to show the speaker icon on the map when tour information is available during your route; or **Off**.

Restore—restore the proximity points settings.

Restoring All Settings

1. Touch **Tools** > **Settings**.
2. Touch **Restore**.
3. Touch **Yes**.

Appendix

Caring for Your nüvi

Your nüvi contains sensitive electronic components that can be permanently damaged if exposed to excessive shock or vibration. To minimize the risk of damage to your nüvi, avoid dropping your unit and operating it in high-shock and high-vibration environments.

Cleaning the Unit

The nüvi is constructed of high-quality materials and does not require user maintenance other than cleaning. Clean the outer casing of the unit (not the touch screen) using a cloth dampened with a mild detergent solution, and then wipe dry. Avoid chemical cleaners and solvents that can damage plastic components.

Cleaning the Touch Screen

Clean the touch screen with a soft, clean, lint-free cloth. Use water, isopropyl alcohol, or eyeglass cleaner, if needed. Apply the liquid to the cloth, and then gently wipe the touch screen.

Protecting Your nüvi

- Do not store the nüvi where prolonged exposure to extreme temperatures can occur, because it can cause permanent damage.
- Do not expose the nüvi to water. Contact with water can cause this unit to malfunction.
- Although a PDA stylus can be used to operate the touch screen, never attempt this while operating a vehicle. Never use a hard or sharp object to operate the touch screen because damage might result.

Avoiding Theft

- To avoid theft, remove the unit and mount from sight when not in use. Remove the residue left on the windshield by the suction cup.
- Do not keep your unit in the glove compartment.
- Register your product at http://my.garmin.com.
- Use the Garmin Lock feature. See below for more information.

Locking Your nüvi

Garmin Lock™ is a theft-deterrent system that locks your nüvi. Each time you turn on the nüvi, enter the PIN or drive to the security location.

1. Touch **Tools** > **Settings** > **Security**.
2. Touch the button below **Garmin Lock**.
3. Enter a 4-digit PIN and drive to a security location.

What is a Security Location?

Your security location should be a location you return to often, such as your home. If the nüvi has satellite signals and you are at the security location, you do not need to enter the PIN.

NOTE: If you forget your PIN and your security location, you must send your nüvi to Garmin to get it unlocked. You must also send a valid product registration or proof of purchase.

Calibrating the Screen

If the touch screen is not responding properly, calibrate the touch screen. Slide the **Power** key to the left and hold it for 8 seconds. Release the **Power** key, and press your finger to the screen. Hold your finger on the screen for about 30 seconds until the calibration screen appears (white screen with "Press dot").

Resetting the nüvi

If the nüvi stops functioning, turn it off and on again. If the problem persists, slide the **Power** key to the left and hold it there for a minimum of 8 seconds. The nüvi should operate normally.

You can also remove and then reinstall the battery to reset the nüvi.

Updating the Software

1. Go to www.garmin.com/products/webupdater and download WebUpdater to your computer.
2. Connect the nüvi to your computer using the mini-USB cable.
3. Run WebUpdater, and follow the on-screen instructions.

After confirming that you want to perform an update, WebUpdater automatically downloads the update and installs it on your nüvi.

Clearing User Data

CAUTION: This deletes all user-entered information.

1. Turn on your nüvi.
2. Press your finger on the lower-right corner of the screen when the status bar appears under the Garmin logo.
3. Keep your finger pressed until the prompt appears.
4. Touch **Yes** to clear all user data.

All original settings are restored. Any items that you have saved are erased.

Battery Information

Your nüvi contains a user-replaceable, lithium-ion battery. To maximize the lifetime of the battery, do not leave your nüvi in direct sunlight, and avoid prolonged exposure to excessive heat.

The battery icon in the corner of the Menu page indicates the status of the nüvi

battery. To increase the accuracy of the battery gauge, fully discharge the battery and then fully charge it. Do not unplug the nüvi until it is totally charged.

You can also use the Suspend/Resume mode to put your nüvi in "sleep" mode and to quickly wake it up. With your nüvi powered on, slide the **Power** key to the left. Operation is suspended. Slide the **Power** key to the left again to resume operation.

To completely turn off your nüvi, remove the battery.

Replacing the Battery in the nüvi

If you need to replace the battery in the nüvi, use a Garmin lithium-ion battery 010-10987-03. Purchase a replacement battery at http://buy.garmin.com. Contact your local waste disposal department for information about properly disposing of the battery.

Replacing the Battery in the Remote Control

The remote control contains a user-replaceable CR2032 battery.

1. Use a coin to twist the cover counterclockwise until it is open.
2. Insert the round, lithium CR2032 coin battery into the remote control with the positive side facing up.

3. Align the arrow on the battery cover with the arrow on the outer edge of the remote control.
4. Use a coin to twist the cover clockwise until it is closed.

NOTE: Contact your local waste disposal department to properly dispose of batteries.

Perchlorate Material

Replaceable coin-cell batteries can contain perchlorate material. Special handling could apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate.

Charging Your nüvi

- Use the vehicle power cable.
- Use the USB cable.
- Use an optional AC adapter cable.

Additional Maps

You can purchase additional MapSource map data from Garmin and load the maps in your nüvi internal memory or on an optional microSD card.

To determine the versions of the maps that are loaded on your nüvi, open the Menu page. Touch **Tools** > **Settings** > **Map** > **Map Info**. Check www.garmin.com/unlock/update.jsp to see if an update for your map software is available. To enable

additional maps, you need your unit ID (see page 32) and serial number (located near the power connector).

To load maps, routes, or waypoints in your nüvi memory or on your microSD card, select the name for your nüvi drive or microSD card drive. Refer to the MapSource Help file for more information.

Extras and Optional Accessories

For more information about optional accessories, visit http://buy.garmin.com or www.garmin.com/extras, or contact your Garmin dealer.

Safety Cameras

Check your local laws and regulations before using these features. Garmin is not responsible for the accuracy of, or the consequences of using, a custom POI or safety camera database.

Safety camera information is available in some locations. Check http://my.garmin.com for availability. For these locations, the nüvi includes the locations of hundreds of safety cameras. Your nüvi alerts you when you are approaching a safety camera and can warn you if you are driving too fast. The data is updated at least weekly, so you always have access to the most up-to-date information.

You can purchase a new region or extend an existing subscription at any time. Each region that you purchase has its own expiration date.

Custom Points of Interest

Use the POI Loader to load custom points of interest (POIs) onto your nüvi. POI databases are available from various companies on the Internet. Some custom databases contain alert information for points, such as safety cameras and school zones.

Go to www.garmin.com/extras, and click **POI Loader** to install the POI Loader onto your computer. For more information, refer to the POI Loader Help file. Press **F1** to open the Help file.

To view your Custom POIs, touch **Where to?** > **Extras** > **Custom POIs**. To change the proximity alert settings, touch **Tools** > **Settings** > **Proximity Points** > **Proximity Alerts**.

To delete the Custom POIs from your nüvi, connect your nüvi to your computer. Open the **Garmin\poi** folder in the nüvi drive or the microSD card drive. Delete the file titled **poi.gpi**.

TourGuide

The TourGuide allows your nüvi to play third-party, GPS-guided audio tours. These audio tours can take you on a route while playing interesting facts about historical sites along the way. For more information,

go to www.garmin.com/extras, and click **POI Loader**.

To view your TourGuide files, touch **Where to?** > **Extras** > **Custom POIs**. To change the TourGuide settings, touch **Tools** > **Settings** > **Proximity Points** > **TourGuide**.

Garmin Travel Guide

Much like a paper travel guide, the Garmin Travel Guide provides detailed information about places, such as restaurants and hotels. To purchase an accessory, go to http://buy.garmin.com or contact your Garmin dealer.

To use the Travel Guide, insert the microSD card into your nüvi. Touch **Where to?** > **Extras**. Touch the name of your Travel Guide to open it.

SaversGuide®

With the SaversGuide preprogrammed microSD data card and membership card, your nüvi is a digital coupon book.

To use the SaversGuide, insert the microSD card into your nüvi. Touch **Where to?** > **Extras** > **SaversGuide**.

About GPS Satellite Signals

Your nüvi must acquire GPS (Global Positioning System) satellite signals in order to navigate. If you are indoors, near tall buildings or trees, or in a parking garage, your nüvi cannot acquire satellites. Go outside to an area free from tall obstructions to use your nüvi.

When your nüvi has acquired satellite signals, the signal strength bars on the Menu page are green . When it loses satellite signals, the bars turn red or clear . For more information about GPS, go to www.garmin.com/aboutGPS.

Declaration of Conformity

Hereby, Garmin declares that this nüvi product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. To view the full Declaration of Conformity, visit the Web site for your Garmin product at www.garmin.com.

Important Legal Notice Regarding Your FM Transmitter

Your nüvi product contains an FM transmitter. Read the following notices.

Using Your nüvi FM Transmitter in Europe

Use of FM transmitters is currently illegal in certain European countries due to specific radio frequency restrictions. You must check the local regulations in all European countries in which you intend

to use the FM transmitter to ensure its legality. You accept full responsibility for complying with all such laws and regulations applicable in your particular country of operation. Garmin disclaims all responsibility for your failure to follow local laws and regulations. See www.garmin.com/fm-notice for more information.

Using Your nüvi FM Transmitter in the United States

While use of FM transmitters is legal in the United States, the allowable output power for FM transmitters is lower in the United States than it is in those European countries that allow FM transmitters. The nüvi models sold in Europe contain the higher powered European FM transmitter and cannot be legally used in the United States. You accept full responsibility for complying with all such laws and regulations applicable in your particular country of operation. You must disable the FM transmitter before using your European model nüvi in the United States.

Software License Agreement

BY USING THE nüvi, YOU AGREE TO BE BOUND BY THE TERMS AND CONDITIONS OF THE FOLLOWING SOFTWARE LICENSE AGREEMENT. PLEASE READ THIS AGREEMENT CAREFULLY. Garmin grants you a limited license to use the software embedded in this device (the "Software") in binary executable form in the normal operation of the product. Title, ownership rights, and intellectual property rights in and to the Software remain in Garmin.

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Specifications

Physical size: 4.9" × 3.1" × 0.7" (125 mm W × 78.7 mm H × 18 mm D)

Weight: 6.2 oz. (176 g)

Display: 4.3" diagonal, 480 × 272 pixels; 64K colors; bright WQVGA TFT landscape display; white backlight; touch screen

Case: Not waterproof (IPXO)

Operating temperature range: 32°F–140°F (0°C–60°C)

Charging temperature range: 32°F–113°F (0°C–45°C)

Data storage: Internal memory and optional removable microSD card. Data stored indefinitely.

Computer interface: USB 2.0 high speed (480 Mbit) mass storage, plug-and-play

Operating system: Linux®

Headphone jack: Standard 3.5 mm

Charge time: Approximately 4 hours

Usage: 10 W max.

Battery life: Up to 4 hours

Battery type: User-replaceable rechargeable lithium-ion battery

Replacement battery for nüvi: Garmin lithium-ion battery 010-10987-03

Replacement battery for remote: CR2032

GPS receiver: High-sensitivity, WAAS-enabled

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.

Troubleshooting

Problem/Question	Solution/Answer
My nüvi never gets satellite signals.	Take your nüvi out of parking garages and away from tall buildings and trees. Remain stationary for several minutes.
My nüvi does not charge in my vehicle.	Your nüvi can only charge between 32°F and 113°F (0°C and 45°C). If the nüvi is placed in direct sunlight or in a hot environment, it cannot charge.
My battery does not stay charged for very long.	To maximize the time between charges, turn down the backlight. Touch **Tools** > **Settings** > **Display** > **Adjust Brightness**. To avoid draining the battery, remove the battery when your nüvi is not in use.
My battery gauge does not seem accurate.	Allow the unit to fully discharge, and then fully charge it (without interrupting the charge cycle).
How do I clear all my user data?	Hold your finger on the lower-right corner of the nüvi screen while it is turning on. Keep your finger pressed until the message appears. Touch **Yes** to clear all user data.
The nüvi is locked up/frozen.	If the nüvi screen stops functioning, turn the nüvi off and on again. If this does not help, slide the **Power** key to the left and hold it for 8 seconds. Turn the nüvi back on. The nüvi should operate normally.
The touch screen is not responding to my touches properly.	Slide the **Power** key to the left and hold it for 8 seconds. Release the **Power** key, and press your finger to the screen. Hold your finger on the screen for about 30 seconds until the calibration screen appears (white screen with “Press dot”).
The nüvi does not go into speech recognition mode.	Verify that the remote control is activated (**Tools** > **Settings** > **System** > **Remote** > **Activate New Remote**). Replace the battery in the remote control. See page 39.
The nüvi does not understand my spoken commands.	Speak slowly and clearly, and eliminate as much background noise as possible. Stop conversations, and turn down the radio volume. Mount the nüvi in your car in a location that is free from excessive vibrations and away from obvious noise sources.

Problem/Question	Solution/Answer
Can I use an external microphone to speak to my nüvi?	Yes. In extremely noisy environments, an external microphone can be used to improve speech recognition performance.
My phone will not connect to the nüvi.	Touch **Tools** > **Settings** > **Bluetooth**. Verify that the Bluetooth field is set to **Enabled**. Make sure your phone is turned on and is less than 10 meters (about 33 feet) away from your nüvi. See www.garmin.com/bluetooth for more help.
How do I know my nüvi is in USB mass-storage mode?	When your nüvi is in USB mass-storage mode, a picture of a nüvi connected to a computer is shown. Also, you should see two new removable disk drives listed in **My Computer**.
My computer never senses that the nüvi is connected.	1. Unplug the USB cable from your computer. 2. Turn the nüvi off. 3. Plug the USB cable into a USB port on your computer and into your nüvi. The nüvi automatically turns on and goes into USB mass-storage mode. Ensure your nüvi is connected to a USB port and not a USB hub.
I cannot see any new removable drives in my list of drives.	If you have several network drives mapped on your computer, Windows can have trouble assigning drive letters to your nüvi drives. See your operating system Help file to learn how to map or assign drive letters.
How can I find restaurants near the hotel I will be staying at in the future?	1. Touch **Where to?** > **Near…** > **Different City** (and enter your vacation destination). 2. Find the hotel and touch **Go!**. 3. Touch **Menu** > **Where to?** > **Near…** > **My Destination**. 4. Search for a restaurant. Restaurants nearest your hotel are listed first. You can also use the GPS Simulator (**Tools** > **Settings** > **System**).
How can I find my car in a parking lot?	Touch **Tools** > **Settings** > **Navigation** > **Route Preference** > **Off Road** > **OK** to put the nüvi in Off Road mode. Touch **Where to?** > **Favorites** > **Last Position** > **Go!**. Navigate to your car!

Index

Symbols

2-D, 3-D map view 34

A

accessories 40
additional maps 39
alarm clock 29
alerts
  proximity 36
  safety camera 40
anti-theft feature 33, 37
attaching a photo to
  a location 9
audible books 22
audio output 1
audio version 32
avoiding
  road types 32
  theft 37
  traffic 30, 31

B

background color 33
battery information 38
  replacing in the nüvi 39
  replacing in the remote control 39
bicycle navigation 32
Bluetooth technology 17–20
  deleting a phone 34
  pairing with phone 17
  settings 34
bookmarks 23
books 22
brightness 33
browsing the map 10

C

calculator 27
call
  answering 18
  call waiting 18
  hanging up 18
  history 19
  home 19
  muting 18
caring for your nüvi 37
charging your nüvi 39, 44
clock for the world 28
computer connection 24
converting
  currency 27
  units 28
coordinates 10
currency, converting 27
current location, save 9
custom avoids 32
customizing the nüvi 32–36
custom POIs 40

D

Declaration of Conformity 41
deleting
  all user data 38
  bookmark 23
  character 8
  custom POIs 40
  Favorites 9, 11
  files 25
  playlist 22
  recent finds list 8
  route 11
detail maps 34
detour 5
diacritical characters 8
display settings 33
driving directions 13

E

Extras 40–42

F

Favorites 8, 9
files 24–25
  deleting 25
  managing 24–25
  supported types 24
  transferring 24–25
finding places 4
  by address 7
  by name 7
  by postal code 7
  near another location 11
  recent selections 8
  saved places (Favorites) 9
  using photos 9–10
FM traffic receiver 30–31
FM transmitter
  legal information 41

G

games 27
Garmin Lock 33, 37
geocaching 10
Go! page options 7
GPS 3
  about GPS 41
  off/on 32

H

hands free phone features 17–20
headphone jack 1, 43
Help 26
home
  location 8
  phone number 19

I

incoming call 18

K

keyboard 8
  language mode 8, 35
  layout 32
kilometers 32

L

Last Position 9, 45
legal notice,
  FM transmitter 41
lithium-ion battery 38, 43
location message 20

locking
  screen 1, 6
  the nüvi 37

M

M3U playlist format 22
map
  adding 39
  browsing 10
  customizing 34
  detail level 34
  enabling detail maps 34
  Map Info button 34
  moving 10
  updating 39
  version 34
  viewing 34
  zooming 10
MapSource 39
max speed, reset 13
measurements, converting 28
media player 21–23
Menu page 3
microSD card 24, 43
  slot 1
miles 32
mini-USB connector 1
MP3 music files
  loading 24
  playing 21
MSN Direct 27
music 21
mute
  audio 6
  phone call 18
My Data 29
myGarmin i

N

navigation 5
  mode 32
  settings 32
Next Turn page 13

O

off road, routing 11, 32
on-screen keyboard 8
on-unit Help 26
output, audio 6
  headphone jack 1, 43

P

pairing a mobile phone 17
Panoramio pictures 9
pedestrian navigation mode 11, 32
phone book 18
photo navigation 9–10
  loading pictures 25
pictures 26
PIN
  Bluetooth 17
  Garmin Lock 37
playlist 21
  creating 21
  editing 22
  from a computer 22
  playing 22
  saving current 21
Points of Interest (POIs)
  viewing 34
position icon 12, 34
Power key 1
prompted detour 33
proximity alerts 36

Q

QWERTY keyboard 32

R

recently found locations 8
registering 37
remote control 14
  activating 14
  assembling 2
  mounting 3
resetting
  the max speed 13
  the trip data 13
  your nüvi 38
routes 10–11
  adding a stop 5
  following 5
  importing 29
  mode 32
  off road 32
  preferences 32
  simulating 32
  stopping 5

S

Safe mode 33
safety camera database 40
satellite signals 3, 41
SaversGuide 41
saving
  places you find 7, 9
  your current location 9, 10, 26
school zone database 40
screen
  brightness 33
  lock 1, 6
  screen shots 33
search area 11
security location 38
security settings 33
settings 32–36
  restoring 36
setting your location 10
simulating a route 32
SMS 20
software license agreement 42
software update 38
software version 32
specifications 43
speech recognition 6, 14–16
  icons and tones 16
  shortcut commands 14
  tips for using 16
speed limit icon 12
storing the nüvi 37
supported file types 24
system settings 32

T

text language 35
text message 20
time settings 33
time zone 33
Tools 26–29
touch screen
  calibrating 38, 44
  cleaning 37
  settings 33
TourGuide 36, 40
Track Up 34
traffic 30–31
  adding traffic subscriptions 35
  avoiding 30
  incidents 30
transferring files 24–25
Travel Guide 40
trip data, reset 13
trip log 34
turn-by-turn directions 13

U

unit ID 32
units, convert 28
updating
  maps 39
  software 38
usage mode 32
USB 24
  eject 25
  mass storage mode 24–25
user data, delete 38

V

vehicle icon 12, 34
via point, adding 5
voice dial 19
voice language 35
voice mail 18
volume 6

W

walking route 11, 32
WebUpdater 38
Where Am I? 26
Where to? 6
world clock 28

Z

zoom 10, 33, 34

For the latest free software updates (excluding map data) throughout the life of your Garmin products, visit the Garmin Web site at www.garmin.com.

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