



Magellan RoadMate

User Manual

2016



IMPORTANT SAFETY WARNINGS

The Magellan RoadMate receiver is a vehicle-navigation aid designed to assist you in arriving at your selected destinations. When using the Magellan RoadMate receiver, these safety rules must be followed to prevent accidents that can result in injury or death to yourself or others:

Please check the applicable regulations in your state regarding windshield mounting. Certain states prohibit the mounting of any items on your windshield. Go to www.magellanGPS.com for alternative mounting solutions.

When driving, the need to view the display is minimal. Voice prompts will guide you to your destination. The driver should enter data or program the Magellan RoadMate receiver only when the vehicle is stationary. Only a vehicle passenger should enter data or program the Magellan RoadMate receiver while the vehicle is moving. Do not become distracted by the receiver while driving, and always be fully aware of all driving conditions.

It is your responsibility to comply with all traffic laws and to use the Magellan RoadMate and mounting options in such a manner that the user is in compliance with applicable laws.

Roads, points of interest (POIs), business and service locations may change over time. As a result the database may contain inaccuracy. Also, the database does not include, analyze, process, consider, or reflect any of the following: legal restrictions (such as vehicle type, weight, height, width, load and speed restrictions); road slope or gradient; bridge height, width, weight or other limits; population density; neighborhood quality or safety; availability or proximity of police, emergency rescue, medical or other assistance; construction work zones or hazards; road or lane closures; road, traffic or traffic facilities' safety or condition; weather conditions; pavement characteristics or conditions; special events; traffic congestion. It is your responsibility to disregard any unsafe, hazardous or illegal route suggestions.

Keep the Magellan RoadMate receiver safe from extreme temperature conditions. For example, do not leave it exposed to direct sunlight for an extended period of time.

Take care when mounting the Magellan RoadMate receiver in your vehicle, whether using the windshield mount or other mounts, that it does not obstruct the driver's view of the road, interfere with the operation of the vehicle's safety devices such as air bags, or present a hazard to occupants of the vehicle should the receiver be dislodged while driving. It is your responsibility to assess the risks associated with damage to your vehicle or vehicle occupants as the result of your choices in mounting the Magellan RoadMate receiver.

Temperature

The maximum operating temperature is 140°F (60°C).

Battery

The battery in the Magellan RoadMate receiver is rechargeable and should not be removed. In the event that it should need to be replaced, please contact Magellan Technical Support.

Charging the Magellan RoadMate

An optional AC adapter is available as an accessory for your Magellan RoadMate. Use of another type of AC adapter can result in malfunction and/or possible fire hazard due to battery overheating.

Only use the car charger approved for/supplied with your Magellan RoadMate receiver. Use of another type of car charger will result in fire or electric shock.

For safety reasons, the battery in your Magellan RoadMate receiver will stop charging when the ambient temperature is less than 32°F (0°C) or more than 113°F (45°C).

It will take approximately 4 hours of charging the Magellan RoadMate receiver through the vehicle power adapter or optional AC adapter to obtain a full battery charge. It is

recommended that you charge the battery initially for at least 2 hours.

Use only the charger approved for your Magellan RoadMate receiver.

Estimated usage of the Magellan RoadMate on battery power is approximately 2 hours.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for class B digital devices, in accordance with part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

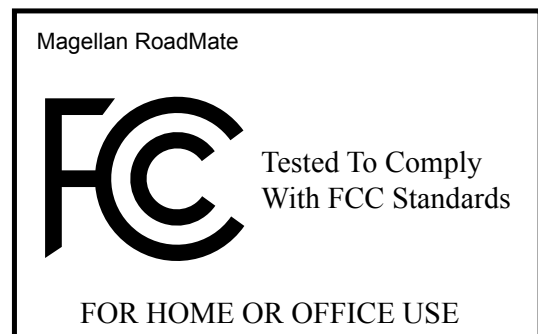
IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.



The Magellan RoadMate receiver must be installed and operated at a distance no closer than 8 inches (20 cm) from the user.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

IC statement

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

IMPORTANT NOTE:

IC Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits established for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

One or more claims of the following patents may cover this product: U.S. patent No. 5,544,060, U.S. patent No. 5,654,892, U.S. patent No. 5,832,408 and U.S. patent No. 5,987,375

The information provided in this document is subject to change without notice. Improvements and enhancements to the product may occur without any formal notification. Check the Magellan website (www.magellanGPS.com/support) for product updates and additional information.

Canada, avis d'Industry Canada (IC)

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

**This user manual will give you the necessary
information on how to use the various features of the
Magellan RoadMate receiver.
Visit us at magellanGPS.com/support**

© 2016 MiTAC International Corporation. The Magellan logo, Magellan, RoadMate and Quickspell are registered trademarks of MiTAC International Corporation. SmartDetour and OneTouch are trademarks of MiTAC International Corporation and are used under license by MiTAC International Corporation. All rights reserved.

All other products and brand names are trademarks of their respective holders.

No part of this user manual may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, for any purpose other than the purchaser's personal use, without the prior written permission of MiTAC International Corporation.

The information provided in this document are correct at the time that it is created.

MiTAC International Corporation assumes no responsibility or liability for any errors or inaccuracies that may appear in the contents of this User Manual.

Magellan RoadMate GPS Receiver

The Magellan® RoadMate® receiver is a vehicle navigation product that uses GPS signals from satellites to calculate your precise location and compute navigational information to guide you to your destination. Knowing its position and movement, your receiver can then overlay this information on detailed maps to provide a visual representation of your location.

With the Magellan RoadMate, you can:

- Save searches and addresses to the OneTouch™ menu for quick access to favorite destinations.
- Store your home address and quickly get routing details to your home.
- Enter and save addresses in your address book and get routing information to those addresses at any time.
- Route to an address using the QuickSpell™ and Smart City search for easy, errorless address entry.
- Route to any Point of Interest (POI) preloaded into your Magellan RoadMate receiver, including hospitals, restaurants, shopping malls, parks, and more.
- Receive navigation instructions with Voice Alerts (Text-to-Speech).
- Create a route with multiple destinations.
- View Highway Exit POIs, a list of gas stations, restaurants, hotels and auto repair shops located at nearby highway exits.
- Personalize your Magellan RoadMate receiver in the Settings menu.
- Receive traffic information to avoid delays in your travel (select models only).



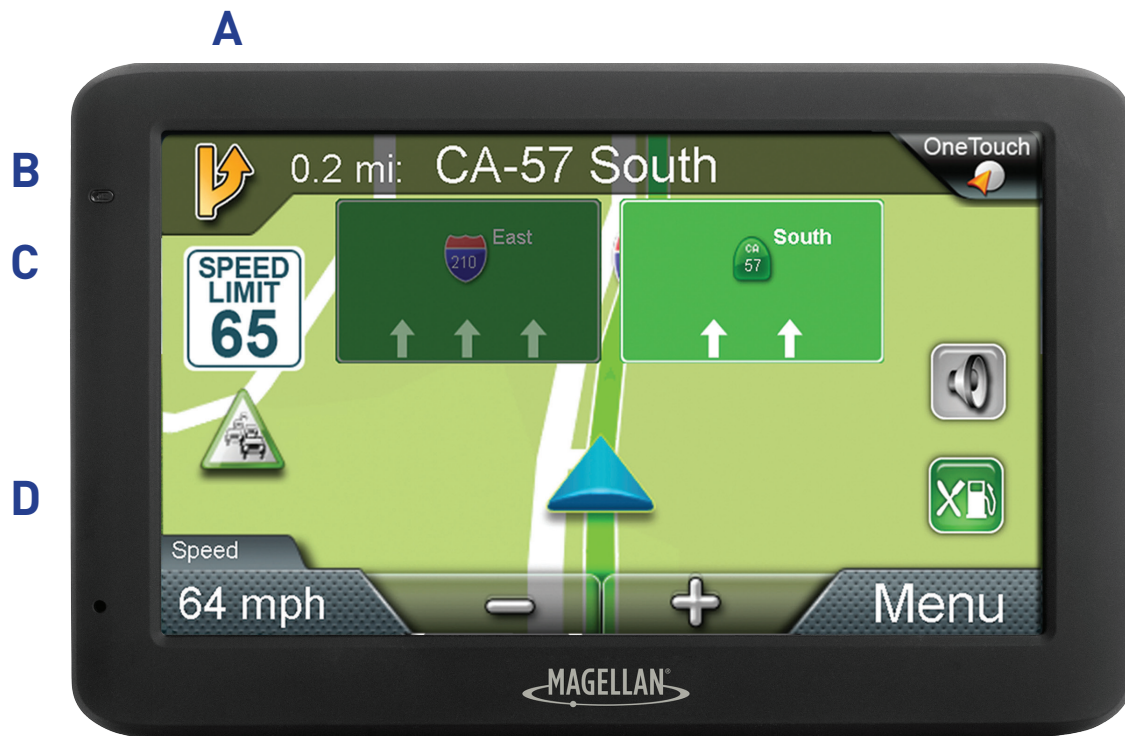
Create and customize routes and settings, knowing that Magellan RoadMate will always provide cutting-edge mapping, low-power battery consumption, and secure technology for your navigation needs.

The Magellan RoadMate receiver has a built-in battery so, in most cases, you will be able to follow these instructions while reading them on your computer screen without plugging the Magellan RoadMate receiver to AC power using an optional AC power adapter.

Note: While indoors, you may not get sufficient satellite signals to compute your location, so your location information may not be updated. However, the GPS chipset installed in the Magellan RoadMate receiver will pick up satellite signals in some very demanding locations. You may find that the Magellan RoadMate receiver will even compute a position indoors. Even with the improved GPS chipset, the receiver may not be able to always compute a fix indoors.

If you are not getting sufficient satellite signals while in a garage or other structure, move to a location where there is a clear view of the sky, and you should immediately see an improvement in signal strength.

Thank you for using the Magellan RoadMate.



Magellan RoadMate

A Power button

B Audio out

C MicroSD card slot (not available on all receivers)

Note: The microSD card allows you to access optional map regions. Visit the [Magellan Online Shop](#) for additional map regions available for your receiver.

D USB Connection

Note: Power input derives from the vehicle power adapter cable or optional AC power adapter. The USB connection is also used for connecting your receiver to a personal computer for map and software updates using the Magellan Content Manager application.

Reset


The reset button is located on the lower right corner of the back of your receiver. To reset your receiver, gently insert a paperclip into the reset hole to press the reset button with the receiver turned on. The receiver should restart with factory default settings.

Getting Started 2

Powering on the Magellan RoadMate receiver

The Power On/Off switch is located on the top of the Magellan RoadMate receiver.

Turning the Magellan RoadMate receiver On

1. Press the power switch.
2. Read and tap  after the initial splash Warnings screen is displayed.

Turning the Magellan RoadMate receiver Off

Press the power switch. The receiver will automatically power off in 15 seconds.

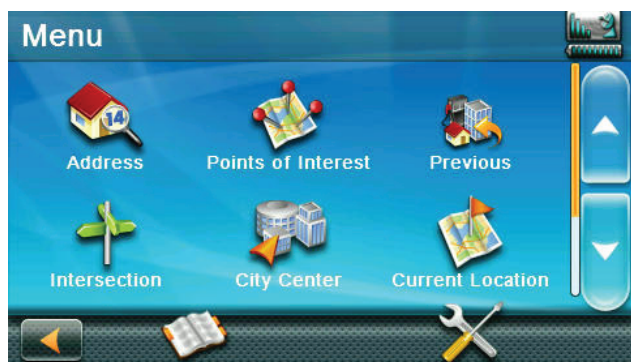
Cancel: Cancels the power off sequence and returns to last viewed screen.

Power Down Now: Turns the receiver off immediately, bypassing the 15 second delay.

Note: The receiver will begin the power off sequence anytime the power cable is disconnected from the receiver or power is turned off at the 12 V power receptacle.

Battery Levels

The Magellan RoadMate receiver has an internal battery that charges whenever the receiver is connected to external power.



Note: The battery can only be serviced by authorized Magellan repair facilities.

Viewing the Battery Level Indicator


1. Tap on the Menu button in the right corner of the Map screen.
2. The battery level indicator is located in the upper right corner of the Main Menu, just below the satellite signal indicator. Green bars indicate battery level.

Speaker Volume



Changing the Volume from the Map Screen

1. Tap . Additional controls appear.




2. Tap the speaker button to mute the volume, or tap the + or - buttons to raise or lower the volume.
3. Tap .

Changing the Volume from Settings

1. Access the Main Menu.
2. Tap .
3. Tap **Sound**.
4. Tap inside the Master volume adjust bar to change the volume level of your RoadMate receiver.
5. Tap  to save and exit.


Setting Button Sounds On or Off

1. Access the Main Menu.
2. Tap .
3. Tap **Sound**.
4. Tap the check box for **Button Sounds** to

play (checked) or turn off (unchecked) button sounds.

Setting Smart Volume On or Off

The Smart Volume feature changes the receiver volume automatically as your speed changes to compensate for road noise.

1. Access the Main Menu.
2. Tap .
3. Tap **Sound**.
4. Tap the **Smart Volume** check box to turn on (checked) or turn off (unchecked) this feature.

Main Menu

The Main Menu screen is the RoadMate's central hub of activity, containing icons for all of the receiver's major functions.



Brightness

Accessing the Brightness Control

1. Access the Main Menu.
2. Tap .
3. Tap **Brightness**.















4. Slide the brightness adjust bar to set the desired brightness.

Note: A **Dim on Battery Power** option, when checked, will reduce screen brightness when operating exclusively on battery power and you haven't touched the screen for a few seconds. This prolongs battery life between charges.

Accessing the Main Menu

Tap **Menu** from the Map screen to access:

	Address	Enter an address as a route destination.
	Points of Interest	Select a Point of Interest (POI) from a list of preloaded locations as a destination.
	Previous	List of your most recently visited destinations, allowing you to quickly select one to route to again.
	Intersection	Create a route to an intersection of two streets.
	City Center	Create a route to the geographical center of a city.
	Current Location	Displays information about your position, including: <ul style="list-style-type: none"> • Street name • Names of streets around you • Lat/Long information for your position
	Coordinates	Enter Coordinates for Routing.
	Back	Access the Map screen.




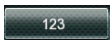

	Address Book	Access the Address Book to save addresses and destinations.
	Settings	Displays Settings menu, which can be used to access functions for customizing your RoadMate receiver.
	Satellite Status	Graphic display of the strength of satellite signals being received.
	Battery Level	Graphic display of the current battery level.





Keypad

The keypad is the most common method for entering data into your RoadMate receiver. Understanding the keypad while entering an address is important for use of your RoadMate.



Keypad Overview


	Backspace	Moves the cursor one position backwards, or deletes the preceding character.
	Shift	Shifts between uppercase and lowercase characters.
	Space	Inserts a space at the cursor position.
	Numeric	Displays a numeric keypad.
	Symbols	Displays available symbols.

	Previous	Previous destination list (Enter City only) When entering a city, this list displays cities previously entered. Tap on a city from the displayed list to select that city.
	Zip Code	(Enter City only) Displays a numeric keypad to quickly enter a city's zip code.
	List	(Enter City only) Press the List button while entering a city to display a list of cities beginning with the characters you have entered.
	Accept	(Entering City) Accepts the suggested city displayed in the data field. (Entering street) Displays a list of streets beginning with the characters entered.

Selecting From List

When a list of items found in the database are displayed, use the arrows on the right to move the list up and down and tap on the desired item in the list to continue.

Selecting QWERTY or ABC Keyboard

1. Access the Main Menu.
2. Tap .
3. Tap **Keyboard**.
4. Select **QWERTY** or **ABC**.

Notes on Entering Data

If you have trouble getting desired results, follow these tips:

- Check to see if the name of a location contains apostrophes and hyphens if you do not see the POI or street name you are looking for in the list.
- The more characters you enter, the smaller the list of possible options is from which to choose.

- You cannot use accented letters when entering a street or city name. You can enter city and streets names using only standard characters.

QuickSpell

As letters are entered for a city or street, the Quickspell feature checks the database for cities or streets that begin with the letters entered. Any letters that cannot be used to spell a city or street name are greyed out.

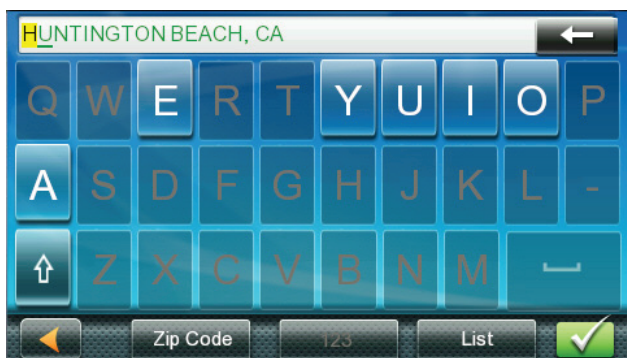
Smart City Search


The Smart City Search feature attempts to predict the city you are looking for based on your position and cities you've gone to before.

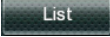
Whenever entering or searching for an address, the Enter City Name keyboard is displayed first.



As letters are entered, Quickspell checks the database for cities beginning with the letters entered. Keys that don't spell a city in the database are greyed out, and Smart City Search displays a suggested city in the text field.



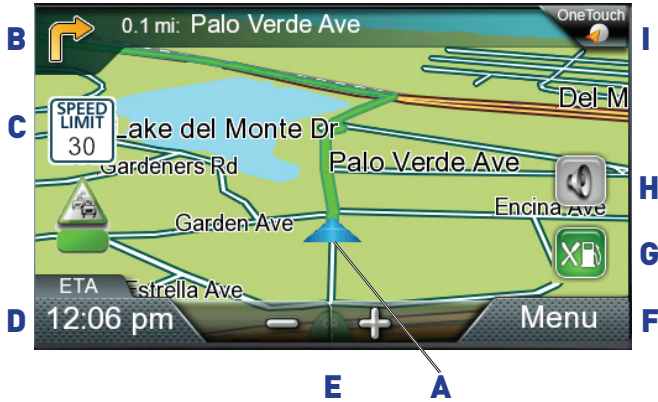
Tap the  button to continue when the city is correct.

Tapping the  button displays a list of cities that begin with the letters entered.



Map Screen 3

The Map screen is often used when you're following a route or just traveling around a city, and will likely be displayed in one of two unique modes: normal and routing.



A Your Current Location

B Turn instructions for next maneuver

Tap to display the maneuver list (available only when routing). Distance and road name for the next maneuver. Tap to repeat last voice instruction.

C Speed limit

D Information Display

Displays speed, time of day, elevation, compass direction. While routing, it can also display distance to destination, estimated time of arrival (ETA), and time remaining. Tap on the information field to change.

E Zoom in/out

F Access Main Menu

G Access list of Highway Exit POIs

Available only while on a highway/freeway.

H Access Volume controls


I Access One Touch menu

Provides instant access to your saved search criteria and favorite destinations.

Your position and the time are shown on the map. As you travel, your position is updated, giving you a clear view of your position and surrounding streets.

Setting the Map Options

You can customize your map display preferences in Settings.


1. Tap **Menu** from the Map screen.
2. Tap .
3. Tap the **Map** button.
4. Use the Map Options screen to customize your map/display preferences.



Setting the Map Modes (2D or 3D)

The map is normally displayed in 3D mode.

To set the map to 2D mode:

1. Tap anywhere on the Map screen. Additional controls appear.
2. Tap **2D** to switch the map to 2D mode from 3D mode, or tap **3D** to switch the map to 3D mode from 2D mode.
3. Tap .

3D Landmarks

3D Landmarks offer visualization for architectural landmarks.



Setting Zoom Levels

As you zoom out in 3D, the display will switch to 2D at higher zoom levels.


Tap **+** or **-** at the bottom of the Map screen to set the desired zoom level.

Note: Zoom levels are limited in 3D mode.

Panning on the Map

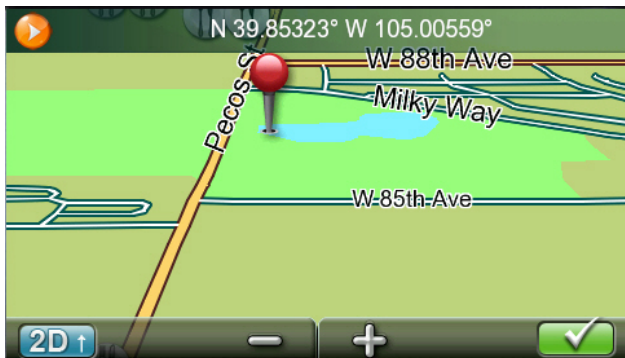
1. Slide your finger or a stylus across the Map screen. The map screen changes to Pan mode.




2. Tap  when you're finished, and the map returns to your current position.

Routing to a Panned Position

1. Pan the map until the location you want to route to is displayed.
2. Tap on the map at the point you want to go to. A red push pin, along with information about the point chosen, will be displayed at the top of the screen.




3. Tap  in the top left corner.

4. Define what to do with this new route point if an active route already exists:

Replace Destination: The next destination is cleared and replaced with the one selected from the Pan screen.

Go There Now: The selected location is inserted in the route as an intermediate destination before the next destination.

Add To Trip: the selected destination is added to the end of the current trip.

5. Tap  to return to the Map screen and begin navigating.

Note: If the selected position doesn't match an existing street address (i.e. the destination is not along a road or street that is stored in the map database), you will be stopped on the road closest to your destination, and a dashed line to your final destination will be displayed on the map.

Current Location Screen

The Current Location screen displays the approximate address of your current position, the next and previous intersections, your latitude, longitude, heading and elevation.



Accessing the Current Location Screen

Tap the Current Position icon from the Map screen.


Saving Your Current Location to Your Address Book

1. Tap on the **Current Position** icon from the Map screen.
2. Tap **Save**.
3. Edit information.

Note: If you want to save this location to the OneTouch menu and the address book, check the **Add to OneTouch** box.

4. Tap the Name field and use the keypad to enter a name for the Address Book entry.

Note: Tap List Categories to select a category for this address. New categories can be added from the Select Category from List screen by tapping **+Add**.

5. Tap  to confirm address details.
6. Assign this entry to a button for your OneTouch menu if you saved this point to the OneTouch menu.

Maneuver List (Itinerary)

The Maneuver List is accessed from the Map screen, and is available only when routing.

Each line in the Maneuver List provides details about the maneuvers in the order that they are to be made, with the next maneuver at the top.


Accessing the Maneuver List

Tap the Maneuver icon in the top left corner of the Map screen when actively on a route.




Avoiding a Maneuver

This feature modifies the route to possibly avoid a particular maneuver.


1. Access the Maneuver List.
2. Tap  next to the maneuver you want to avoid.
3. Tap **Yes** to confirm. The Magellan RoadMate receiver recalculates the route and returns you to the Map screen.

Changing Route Options


You can change how a route is computed by Fastest Time, Shortest Distance, Mostly Freeways, or Least Use of Freeways.

1. Access the Maneuver List.
2. Tap **Route Options**. The four types of routes are displayed with the computed time.
3. Tap on the desired route option.
4. Tap  to begin routing.


Volume


You can adjust or mute the volume from the Map screen or from  > **Sound**.

Changing the Volume from the Map Screen

1. Tap . Additional controls appear.




2. Tap on the Speaker button to mute the volume, or tap + or - icons to change the volume levels.
3. Tap .

When muted, a red line appears across the speaker icon. Tap  again to unmute the volume.

Selecting a Destination 4


Creating a Destination to an Address


To begin creating an address, enter the city by:

- entering the name of the city
 - entering the ZIP code for the city
 - selecting a previously used city.
1. Tap  from the Main Menu.
 2. Enter City:



You can do this in three ways:

Tap  to select the city from the list of previous cities.


Use the keyboard to enter the first few characters of any significant word in the city name to select a new city. If the city you're searching for appears in the top field, tap on the city name or .

Tap **List** button to bring up a list of cities that begin with the characters you entered. Tap to select the city from the list.

Tap **Zip Code** to switch to the numeric keyboard and enter the ZIP code. Tap to bring up a list of cities with the zip code entered.

3. Enter the Street name.

With the city selected, the keyboard will be displayed, prompting you for the street name.


Use the keyboard to enter the street name. Enter the first few characters of any word in the street name, and tap  or continue entering characters until the list of streets is displayed.



Note: You do not need to enter accented characters.

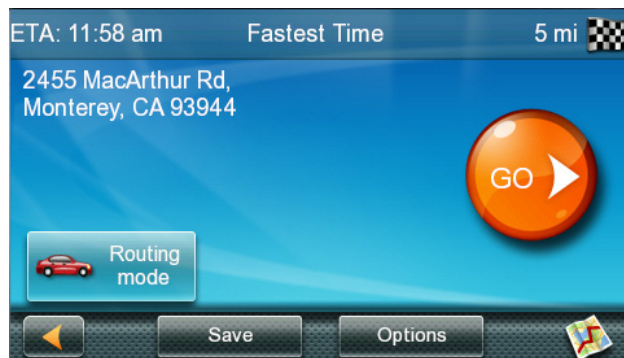
4. Tap on the street name from the list.
5. Enter Street number:



Use the keyboard to enter the street number for the address. The range of acceptable street numbers is displayed before you start typing. Tap  when the street number is complete.


The **GO** screen appears with:

- address of the selected location
- the estimated time of arrival (ETA) distance to travel
- routing method (e.g. Fastest Time).



Tap **Options** to change routing method.

Tap  to preview the route.

6. Tap  to begin routing on the Map screen.

Note: To use a destination later, tap **Save** (before tapping **GO**) to save it in your Address Book or in the OneTouch menu.



Tips on Entering Addresses Quickly

- When you are entering the name of a city or a street, only characters that appear in possible search results are displayed. The other characters are grayed out.
- Tap **List** after a couple of letters when entering city names or street names, as items that contain the specified characters are listed.
- Search by ZIP codes to narrow the number of matching cities to (usually) four or fewer.

Intersections


Creating a Destination to an Intersection

An intersecting street can pinpoint the location when you don't know the street number.

1. Tap  from the Main Menu.
2. Enter City. To do this:
 - Use the keyboard to enter the first few characters of any significant word in the city name to enter a new city. Tap on the city name or  if the city you are searching for appears in the top field.
 - Tap **Previous** to select the city from the list of previous cities.
 - Tap **List** to display a list of cities that begin with the characters you entered. Tap to select the city from the list.
 - Tap **Zip Code** to switch to the numeric keyboard and enter the ZIP code. Tap to bring up a list of cities with this zip code.

3. Enter the Street name:

With the city selected, the keyboard will be displayed, prompting you to enter the street name.

Use the keyboard to enter the street name. Enter the first few characters of any word in the street name and tap  or continue entering characters until the list of streets is displayed.

Note: You do not need to enter accented characters.


Tap on the street name from the list.

4. Enter the second street name the same way as you entered the first street.

A screen appears with:

- address of the selected location
- estimated time of arrival (ETA)
- distance to travel
- routing method (e.g. Fastest Time).

Note: Tap **Options** to change the routing method.


5. Tap  to begin routing on the Map screen.

City Centers


Creating a Destination to a City Center

City Center lets you select any city on the map as your destination, which is useful when you want to go to a city without selecting any specific address.

Note: A route to a city center uses the geographical center of the city as the destination point.

1. Tap  from the Main Menu.
2. Enter City:

Tap **Previous** to select the city from the list of previous cities.

Use the keyboard to enter the first few characters of any significant word in the city name to select a new city. If the city you are searching for appears in the top field, tap on the city name or .


Tap on the **List** button to access a list of cities that begin with the characters you entered. Tap to select a city from the list.

Tap the **Zip Code** button to switch to the numeric keyboard and enter the ZIP code. Tap to bring up a list of cities with the zip code entered.

A screen appears with:


- address of the selected location
- estimated time of arrival (ETA)
- distance to travel
- routing method (e.g. Fastest Time).

Note: Tap **Options** to change the routing method.

3. Tap  to begin navigating on the Map screen.

Previous Destinations


Routing to a Previous Destination

1. Tap  from the Main Menu.
2. Select a destination from the list of previous destinations.

A screen appears with:

- address of the selected location
- estimated time of arrival (ETA)
- distance to travel
- routing method (e.g. Fastest).

Note: Tap **Options** to change the routing method.

3. Tap  to begin navigating on the Map screen.

Clearing the list of Previous Destinations

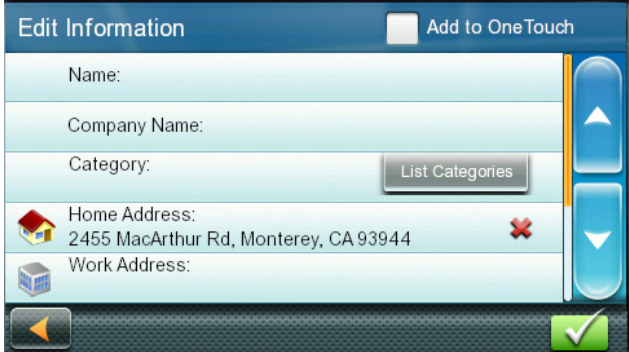
1. Access the list of Previous Destinations.
2. Tap **Delete All**.
3. Tap **Yes** to confirm the deletion and clear the list.

Address Book

Saving a Destination to Your Address Book

Whenever you create a destination, you can save the destination to your address book before beginning the route.

1. Tap **Save** on the Go screen.
2. Select **Add to OneTouch** when the Edit Information screen is displayed to save this location to the OneTouch menu.




Edit information:

Tap the **Name** field and use the keyboard to enter a name for the address book entry.


Tap **Work, Cell or Home phone** to specify a phone number for the address book entry.

Tap **List Categories** to display a list of categories you've created for your address book. If necessary, create a new category by tapping **+ Add** at the bottom of the screen.


3. Tap  to confirm the details for this address.

To save this to the OneTouch menu, you will be asked to assign it to a OneTouch button.


Accessing an Address in Your Address Book

1. Tap  from the Main Menu.
2. Tap the top left corner of the screen to easily find the desired address by narrowing the list by the first letter of the address book entries.

Routing to an Address in Your Address Book

1. Access the address record from your address book.
2. Tap  on the desired address book entry. A screen appears with:
 - address of the selected location
 - estimated time of arrival (ETA)
 - distance to travel
 - routing method (e.g. Fastest Time).

Note: Tap **Options** to change the routing method.


3. Tap  to begin navigating on the Map screen.

Points of Interest (POI) 5

The RoadMate receiver has preloaded POIs, such as restaurants and gas stations, that can be used as destinations for routes.

Creating a Route to a POI by Category

POIs are categorized into unique categories like gas stations and tourist attractions. Most categories are further organized into subcategories. Restaurants, for example, have several subcategories for Chinese food, fast food, or other favorites.


1. Tap  from the Main Menu.
2. Tap one of the POI categories in the list.





3. Tap one of the POI subcategories (if any) in the list to narrow the search. POIs near your current position are displayed.
4. Tap **Near...** for different search criteria (Near Current Position, City, or Address). Enter city or address information when you select Near City or Near Address.
5. Select the desired POI from the POIs list.

The **GO** screen appears with:

- address of the selected location
 - estimated time of arrival (ETA)
 - distance to travel
 - routing method (e.g. Fastest Time).
6. Tap **Options** to change the routing method (Fastest Time, Shortest Distance, Mostly Freeways, or Least Use of Freeways).

7. Tap  to begin navigating to the selected POI on the Map screen.

Creating a Route to a POI by Name


1. Tap  from the Main Menu.
2. Tap **Search By Name**.
3. Enter the name of the POI to be used as the destination and tap . POIs near your current position are displayed

Note: Enter as many characters as possible to make it easier to find the exact POI you are searching for.

4. Tap **Near** for different search criteria (Near Current Position, City, or Address). Enter city or address information when you select Near City or Near Address.
5. Select the desired POI from the POIs list.

The **GO** screen appears with

- address of the selected location
 - estimated time of arrival (ETA)
 - distance to travel
 - routing method (e.g. Fastest Time).
6. Tap **Options** to change the routing method.

7. Tap  to begin navigating on the Map screen.

Creating a Route to a Highway Exit POI

The Highway Exit POIs function lets you access commonly used POIs near an exit you're approaching while travelling on a highway, such as restaurants, gas stations, car repair facilities and hotels.

Freeway Exit POIs can be accessed while on a route or just driving, as long as you are on a freeway.

1. Tap **Highway Exit POIs** when it appears on the Map screen. A list of upcoming freeway exits and their distance from your current position appears.



Symbols represent service POIs near the exits:



Restaurants




Gas Stations




Car Repair



Accommodations

2. Tap a symbol to get a list of related POIs near the exit.
3. Select a POI from the list, and tap .

The **GO** screen appears with

- address of the selected POI
 - estimated time of arrival (ETA)
 - distance to travel
 - routing method.
4. Tap **Options** to change the routing method.
 5. Tap  to begin navigating to the selected POI on the Map screen.

Traveling on a Route 6

Map Screen

A route is displayed on the Map screen in green with small arrows indicating direction of travel once the route has been calculated.

The name of the next street in your Turn List as well as its distance is displayed on the top of the screen. If you are not in the same city as the next street, the name of that city is displayed instead.

As the route progresses, voice alerts will be used to prompt you of upcoming maneuvers.

Maneuver List

The Maneuver List displays all maneuvers along your route until your chosen destination.

Tap on the **Maneuver** icon in the top left corner of the Map screen to view the Maneuver List.




Accessing the Maneuver List

Tap the **Maneuver** icon in the top left corner of the Map screen when you're actively following a route.

Excluding a Maneuver

You can modify the route to possibly avoid a particular maneuver.

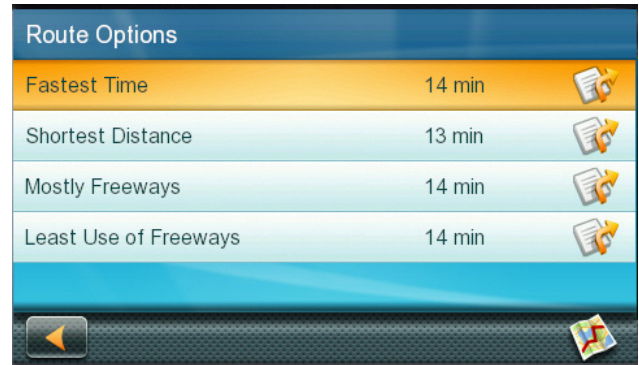
1. Access the Maneuver List.
2. Tap  for the maneuver you want to avoid.
3. Tap **Yes** to confirm.

The RoadMate receiver recalculates the route and returns you to the Map screen.

Types of Routes

You can use a wide variety of methods to create a route.

Routing Method



Fastest Time (Fast): the fastest possible route provided the vehicle is able to travel at or near the speed limit.

Shortest Distance (Short): the shortest possible route.

Mostly Freeways: the route that uses freeways whenever possible.

Least Use of Freeways: the route that avoids freeways whenever possible.


When a destination is selected, the RoadMate offers the route with the default selected routing method first.

Changing the Routing Method

To change the routing method, tap **Options** on the **GO** screen. The RoadMate calculates the route with different methods.

1. Tap on the Maneuver List for the route method desired.
2. Tap the desired routing method in the list, and the previous screen returns with the new calculation.

To Change the Default Routing Method

1. Tap  from the Main Menu.
2. Tap **Navigation Preferences**.
3. Select a default routing method using the Route Method drop-down menu.

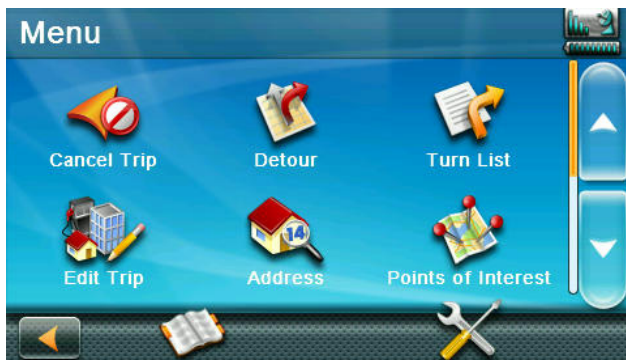
Different detours are calculated using the same routing method that was used to create the route. The list of alternate routes is displayed.

3. Tap the button on the right to check the Maneuver List of an alternate route.
4. Tap the desired alternate route.

Special Routing Functions


Canceling a Route

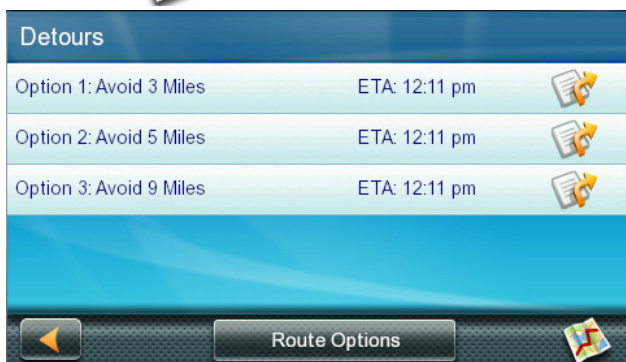
1. Tap **Menu** from the Map screen.
2. Tap **Cancel Trip** on the Main Menu.



3. Tap **Yes** to confirm that you want to cancel the route.
OR
4. Tap the OneTouch icon from the Map screen to display the OneTouch menu.
5. Tap **Cancel Trip**.
6. Tap **Yes** to confirm that you want to cancel the route.

Detouring off a Route

1. Tap **Menu** from the Map screen.
2. Tap .



OneTouch Menu 7

The OneTouch™ menu provides quick access to your home address, emergency services, gas stations, and addresses or searches stored in the OneTouch menu.

Accessing the OneTouch Menu

Tap the **OneTouch** icon in the upper right corner of the Map screen.

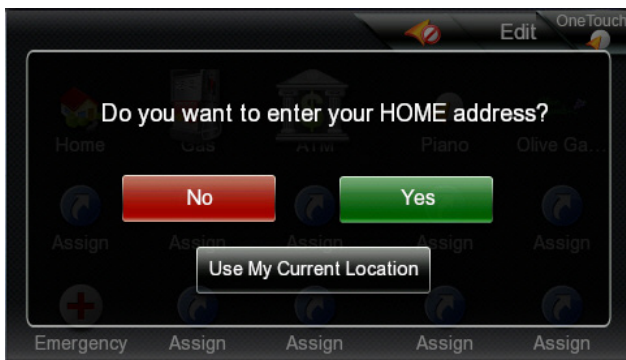


The Home Button

Tap the **Home** icon.

If you have a Home Address saved, the receiver will give you information to navigate to your home.

If you do not have a Home Address saved, you will be prompted to enter one:





Tap **Yes** to enter your home address using the Enter Address keyboard.


Tap **Use My Current Location** to make your current location your Home.

Note: To edit or delete your Home address, go to the Address Book in the Main menu and edit the **Home** entry.

Saving an Address to a OneTouch Icon


1. Tap  in the top right corner of the Map screen. The OneTouch menu appears.
2. Tap an **Assign** icon.
3. Tap **Location**.
4. Enter the address (city, street and number) for the OneTouch icon using the keypad. When the address is complete, you are prompted to enter a name for the button.
5. Enter a name for the button using the keypad and tap .
6. Go to the Map screen and access the OneTouch menu to verify that the address has been added.


Changing the Address or Search of a OneTouch Icon

1. Tap  in the top right corner of the Map screen. The OneTouch menu appears.
2. Tap **Edit**.
3. Tap on the OneTouch button you want to edit.
4. Tap the **Re-assign** button.
5. Tap **Yes** to confirm.
6. Follow OneTouch instructions.

Saving a POI Search Criteria to a OneTouch Icon

You can also save POI search criteria to a OneTouch button for later use, as you may frequently search for coffee shops near your location or gas stations along your route.

1. Tap  in the upper right corner of the Map screen.
2. Tap one of the **Assign** buttons.
3. Tap **Search**.
4. Tap one of the POI categories in the list.

5. Tap one of the POI subcategories (if any) in the list to further narrow the search, or tap **All Subcategories** to select all the subcategories or continue defining your search criteria.
6. Enter a name for the button using the keypad and tap .



Setting a Route to a OneTouch Icon


Once you've set up the OneTouch menu, you can go to a saved address or search.

1. Tap the OneTouch icon in the top right corner of the Map screen.
2. Tap one of the assigned OneTouch buttons.
3. Tap on the desired POI if the assigned button is for a search and POIs are displayed.

The Preview icon at the bottom of the display allows you to step through the available POIs while viewing their location on the map.

The **Near...** button allows you to select how the list is sorted:

- near your current position
- near a city you define
- near an address you enter.

4. Tap  to begin the route.

Note: The **GO** screen appears whether the destination was chosen from a list of POIs or by an address.

Traffic 8

Traffic features are only available on select RoadMate models.

Glossary

RDS: Radio Data System. Infrastructure that broadcasts digital information on the FM band.

TMC: Traffic Message Channel. Type of information broadcast by a Radio Data System.

Public TMC Service: In some countries, there is at least one TMC service provider that broadcasts Traffic information free of charge. The RoadMate automatically receives public TMC services no matter which country you're in.





For an updated list of countries and providers, visit www.magellangps.com.

Traffic Message: A message received by the RoadMate containing the description of a Traffic event.

Traffic Event: An event liable to disturb the flow of traffic.

Traffic Incidents

When routing, if a traffic event (e.g. incident(s), slow traffic) will delay your arrival, the traffic icon on the Map screen will display the computed traffic delay (in minutes) in the red box below the traffic icon.

	Traffic signals being received and no delay found on route.
	Delay is less than 15% of entire route.
	Delay is more than 15% of entire route.
	No Signal indicator. Device is searching for signal.

Avoiding Traffic Incidents

You can choose to avoid traffic incidents along your route during a delay.

1. Tap on the **Traffic** icon while traveling on a route. The Avoid Traffic screen is displayed.

Note: The Avoid Traffic screen displays automatically when the computed delay is greater than 20% of the entire trip.



The **Avoid Traffic** button is active when an alternative route is available. The button is grayed out and says **No Alt Route** when there is no alternate route.


2. Tap **Avoid Traffic**. The route will be changed and the Map screen displayed.

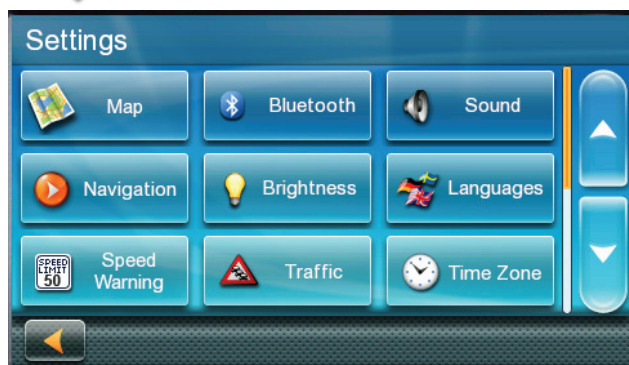
Settings 9

User **Settings** allow you to customize your RoadMate receiver to your personal needs.


Note: Tapping the Back arrow from a **Settings** screen saves any changes you've made.

Accessing System Settings

Tap  from the Main Menu.




Setting Heading Up or North Up in 2D Mode

1. Tap  from the Main Menu.
2. Tap **Map**.
3. Tap 3D, 2D Heading Up, or 2D North Up to toggle between settings.


Assigning Visible POIs

POI icons displayed on the map can be turned on or off to avoid visual clutter.

1. Tap  from the Main Menu.
2. Tap **Map**.
3. Tap **POI Visibility**.
4. Check POIs you want shown and unchecked POIs you want hidden on the POI Selection screen.


Setting Auto Zoom on Turns

You can set the map to automatically zoom in to the lowest level when approaching a turn.

1. Tap  from the Main Menu.
2. Tap **Map**.
3. Check **Auto Zoom on Turns**.

Setting Highway Lane Assist

When Highway Lane Assist is checked, the map displays highway signs as you approach a highway interchange, visual indicating which lane you should be in.

1. Tap  from the Main Menu.
2. Tap **Map**.
3. Check **Highway Lane Assist**.

Setting 3D Building Display


1. Tap  from the Main Menu.
2. Tap **Map**.
3. Check **3D Building Display**.

Map Options




Setting Auto Night Map Display

The map is normally displayed in vivid colors for daytime use, and with dark tints for night use. You can choose whether to always use daytime colors, night colors, or let the RoadMate receiver automatically switch between them right before sunrise and right after sunset.


1. Tap  from the Main Menu.
2. Tap **Map**.
3. Tap **Night Mode** to select Automatic for timed adjustment, on always, or off always.

Sound

Setting Volume from Settings


1. Tap  from the Main Menu.
2. Tap **Sound**.
3. Slide the volume slider bar to the desired volume level.

Turning Button Sounds On/Off

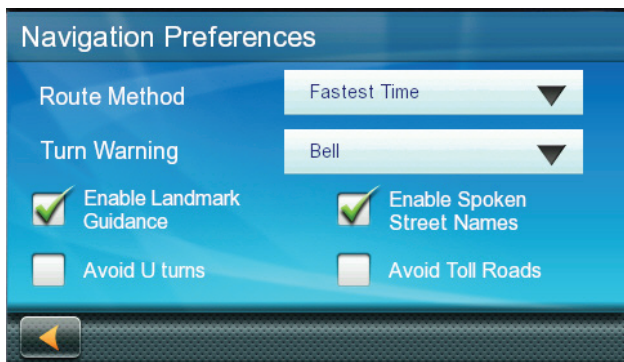
1. Tap  from the Main Menu.
2. Tap **Sound**.
3. Tap Button Sounds to activate (checked) or de-activate (unchecked) audible sounds when a button is tapped.

Turning Smart Volume On/Off


Smart Volume adjusts sound levels based on road noise caused by vehicle speed, which can make the speaker harder to hear.

1. Tap  from the Main Menu.
2. Tap **Sound**.
3. Tap Smart Volume to activate (checked) or de-activate (unchecked) Smart Volume.


Navigation



Setting The Default Route Method


1. Tap  from the Main Menu.
2. Tap **Navigation Preferences**.
3. Select a default routing method from the drop-down menu.

Setting The Turn Warning Alert Sounds


1. Tap  from the Main Menu.
2. Tap **Navigation Preferences**.
3. Select a default Turn Warning Alert sound from the drop-down menu.

Enabling Landmark Guidance


Landmark Guidance uses common landmarks when available to help you identify streets requiring a maneuver.

1. Tap  from the Main Menu.
2. Tap **Navigation Preferences**.
3. Check **Enable Landmark Guidance** to turn Landmark Guidance on.


Enabling Spoken Street Names

1. Tap  from the Main Menu.
2. Tap **Navigation Preferences**.
3. Check **Enable Spoken Street Names** to allow audible street names during navigation.

Enabling U Turn Guidance


1. Tap  from the Main Menu.
2. Tap **Navigation Preferences**.
3. Check **Enable U Turns** to allow the receiver to use U-turns during your route.

Avoiding Toll Roads

1. Tap  from the Main Menu.
2. Tap **Navigation Preferences**.
3. Check **Avoid Toll Roads** to tell the receiver to avoid toll roads whenever possible.

Safe-Driving Mode

Safe-Driving Mode is designed to encourage a safer driving experience by disabling access to high-involvement activities while you're driving over 10 MPH. Safe-Driving Mode is automatically enabled on your receiver.

1. Tap  from the Main Menu.
2. Tap **Navigation Preferences**.


3. Tap **Safe-Driving Mode** to activate (checked) or de-activate (unchecked) Safe-Driving Mode.


Note: When you're driving over 10 MPH while Safe-Driving Mode is enabled, the Menu button is disabled, but other features on the Map screen, such as Traffic, OneTouch, etc., are accessible.

If you attempt to access a disabled feature, a pop-up message briefly appears on your screen, reminding you to find a safe place to stop before accessing that feature.

Headlight Reminder

The Headlight Reminder alerts you to turn on your vehicle's headlights when the receiver switches to Night Mode around sunset. The Headlight Reminder is automatically enabled on your receiver.

1. Tap  from the Main Menu.
2. Tap **Navigation Preferences**.
3. Tap **Headlight Reminder** to activate (checked) or de-activate (unchecked) the Headlight Reminder.


When the Headlight Reminder is activated, the  icon appears for 15 seconds when the receiver switches to Night Mode.

You will also hear an audible alert that says "Remember to turn on your headlights!"

Note: The Headlight Reminder notification only occurs when the receiver switches from Day Mode to Night Mode.

Driving Break Reminder


The Driving Break Reminder option enables your receiver to alert you when you may need to pause after a long drive.

1. Tap  from the Main Menu.
2. Tap **Navigation Preferences**.
3. Move the **Driving Break Reminder** slider from **Off** (no reminder) to:
 - 1 (reminder after 1 hour of driving)
 - 2 (reminder after 2 hours of driving)
 - 3 (reminder after 3 hours of driving)

4 (reminder after 4 hours of driving)

5 (reminder after 5 hours of driving)

Note: The default Driving Break Reminder option is 2 hours.

While driving, you will see the  icon for 15 seconds after your selected reminder time has elapsed from the time you turned on your receiver in your vehicle, even if you didn't select a route.

You will also hear an audible alert saying "You have been driving for (1, 2, 3, 4, 5) hours. Consider taking a driving break."

Note: The Driving Break Reminder countdown will restart once the icon has been displayed for 15 seconds or after turning the receiver back on from being turned off.

Brightness

Setting Brightness

1. Access the System Settings menu (above).
2. Tap **Brightness**.
3. Slide the **Brightness** slider to set the brightness of the display.
4. Tap the Back arrow.
5. Check **Dim on Battery Power** to dim the display while using internal battery power.


Languages

Setting Languages


1. Access the System Settings menu.
2. Tap **Languages**.
3. Tap the desired language.
4. Confirm the change.
5. Tap the back arrow.

Speed Warnings

Setting Speed Warning Options

1. Tap  from the Main Menu.
2. Tap **Speed Warning**.
3. Set **Audible Warning** on or off.
4. Set **Visible Warning** on or off. This determines if the speed limit icon is displayed on the screen.
5. Set the number of miles above the speed limit you want to receive the warnings.

Viewing the GPS Status

1. Tap  from the Main Menu.
2. Tap **GPS**.
3. Tap **Status**.

Note: You can also access the GPS Status screen by tapping on the satellite signal indicator in the upper right corner of the OneTouch screen.

Auto Power Off

Setting Auto Power Off

Auto Power is the duration of time that the Magellan RoadMate receiver automatically turns off after remaining idle.

1. Access the System Settings menu.
2. Tap **Auto-Off**.
3. Tap on the desired duration.
4. Tap the back arrow.


Default System Settings

Restoring All Default System Settings

1. Access the System Settings menu.
2. Tap **Restore Default**.
3. Confirm that you want to proceed in restoring all the system defaults.

Route Area Avoidance

Route Area Avoidance allows you to manually select an area to avoid along your route.

1. Tap  from the Main Menu.
2. Tap **Route Area Avoidance**.
3. Tap **Add** to select a new area to avoid.

Note: If you haven't yet added any areas to avoid, **Add** is the only accessible option.

4. Pan around and zoom in and out of the map to select an area within the red box to avoid.
5. Tap **Select** to choose the areas you want to avoid, or the Back icon to cancel the action.
6. Tap **Confirm** on the message that appears, **Cancel Area Avoidance** to cancel the selection, or the Back icon to select a different area.

The area you selected is now accessible from your Route Area Avoidance list.

Note: Your route will still include freeways and highways in the areas that you choose to avoid.


Once you've created one or more areas to avoid, you can:

- **Edit** the details of these areas.
- **Add** new areas to avoid.
- **Select** one or more areas to avoid during a route.
- **Remove** any of these areas from your list.

Note: You can only edit one area at a time. When you select multiple areas, the Edit function is disabled.

Product Information

Viewing Product Information

1. Tap  from the Main Menu.
2. Tap **Product Information**.
3. Scroll down the page to view the Serial Number and Software Version.

Need Technical Support?

If you need technical support for your Magellan receiver you should first go to www.magellangps.com/support for answers to most questions.

If you can't find a solution there, you can contact Magellan Technical Support directly by e-mail at support.us@cs.magellangps.com or call 800-707-9971.

Connect with us
[@MagellanGPS](#)



MiTAC Digital Corporation
279 E Arrow Hwy, San Dimas, CA 91773 USA

www.magellanGPS.com