



# Magellan® CrossoverGPS™

## Reference Manual



## Instructions for Operating the Magellan CrossoverGPS

# IMPORTANT SAFETY WARNINGS

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

- California and Minnesota law prohibits mounting any item to your windshield. Please check with your state or local law enforcement for applicable regulations regarding windshield mounting. Go to [www.magellanGPS.com](http://www.magellanGPS.com) for alternate mounting solutions. An adhesive disk is supplied with the Magellan CrossoverGPS for use as an alternate mounting solution to the dashboard.
- 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 CrossoverGPS only when the vehicle is stopped. Only a vehicle passenger should enter data or program the Magellan CrossoverGPS while the vehicle is moving.
- It is your responsibility to comply with all traffic laws.
- Every attempt is made to ensure that the database is accurate. However, roadways, points of interest (POIs), and business and service locations may change over time. The database does not include, analyze, process, consider, or reflect any of the following: legal restrictions (such as vehicular type, weight, height, width, load and speed restrictions); road slope or grade; bridge height, width, weight, or other limits; population density; neighborhood quality or safety; availability or proximity of law enforcement, 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 CrossoverGPS 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 CrossoverGPS in your vehicle, whether using the windshield mount or other mount or accessories, 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 Magellan CrossoverGPS be dislodged while driving. You assume the risks associated with damage to your vehicle or vehicle occupants as the result of your choices in mounting the Magellan CrossoverGPS.
- Laws in some states prohibit wearing stereo headphones while operating a motor vehicle. Please contact your state's Department of Motor Vehicles for information.
- The battery in the Magellan CrossoverGPS is rechargeable and should not be removed. In the event it should need to be replaced, please contact Magellan Technical Support.

## About Charging the Magellan CrossoverGPS

- Use only the AC adapter approved for your Magellan CrossoverGPS. Use of another type of AC adapter can result in malfunction and/or possible fire hazard due to battery over heating.
- Use only the car charger approved for / supplied with your Magellan CrossoverGPS. Use of another type of car charger will result in malfunction and/or damage to the receiver.
- The Magellan CrossoverGPS is intended to be supplied with a LISTED Power Unit marked with "LPS", "Limited Power Source" and output rated + 5 V dc / 2.0 A".
- Use the USB cable approved for / supplied with your Magellan CrossoverGPS.
- For safety reasons, the battery in your Magellan CrossoverGPS will stop charging when the ambient temperature is less than 32°F (0°C) or more than 113°F (45°C)

# IMPORTANT SAFETY WARNINGS

## About the AC Adapter

- Do not use the adapter in a high moisture environment. Never touch the adapter when your hands or feet are wet.
- Allow adequate ventilation around the adapter when using it to operate the device or charging the battery. Do not cover the AC adapter with paper or other objects that will reduce cooling. Do not use the AC adapter while it is inside a carrying case.
- Connect the adapter to a proper power source. The voltage and grounding requirements are found on the product case and/or packaging.
- Do not use the adapter if the cord becomes damaged.
- Do not attempt to service the Magellan CrossoverGPS. There are no serviceable parts inside. Replace the Magellan CrossoverGPS if it is damaged or exposed to excess moisture.

## About the Battery

- Do not attempt to replace the battery. Please contact Magellan Technical Support for issues related to the battery.
- Use the charger approved for your Magellan CrossoverGPS.

# IMPORTANT SAFETY WARNINGS

## Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to 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.

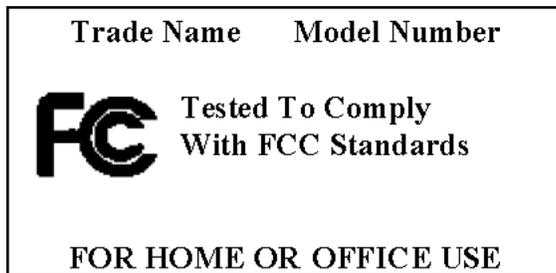
### IMPORTANT NOTE:

#### 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 CrossoverGPS 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.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

# IMPORTANT SAFETY WARNINGS

## IC statement

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 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.

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# Magellan CrossoverGPS

**NOTICE: If this is the first time you are using the Magellan CrossoverGPS you must follow the instructions provided in the Getting Started document to set the reset switch in the up position.**

Thank you for your purchase of the Magellan CrossoverGPS. The Magellan CrossoverGPS will be your perfect driving, hiking and boating companion for all your trips, from a trip to the grocery store or a hike to the country store.

## **What the Magellan CrossoverGPS can do for you...**

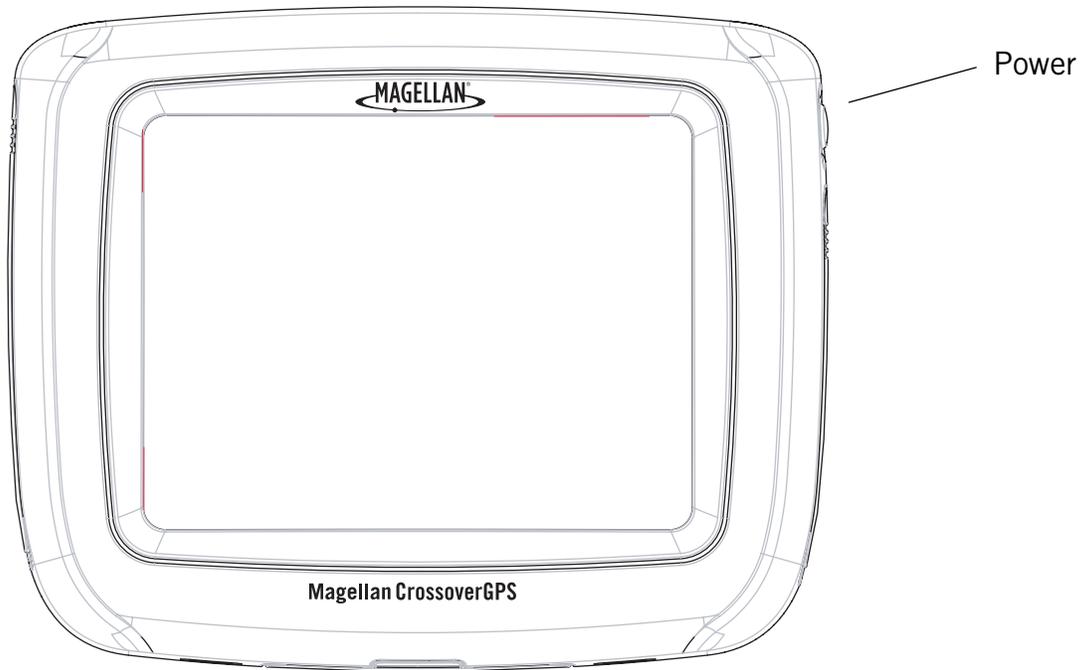
- Provide turn-by-turn driving instructions to any address you enter.
- Contains an address book that you can save addresses that you commonly need to go to. You can even mark an address as a favorite to make it easier to find.
- Comes preloaded with a large, easily accessible points of interest (POI) database that can be used to quickly find a restaurant, gas station, bank or other popular destinations.
- The Magellan CrossoverGPS includes a SmartDetour™ tool that will automatically ask you if you want to detour around those stubborn traffic jams.
- Includes a trip planner that provides you with the ability to create a trip with multiple destinations.
- A trip computer that provides a record of your trip that can be saved.
- You can even route to an intersection when you are unsure of the exact address but you are familiar with the cross streets.
- Hikers can use the Magellan CrossoverGPS to plan their hike or return to camp.
- Boaters will be able to set fishing hotspots that they can return to on their next trip.
- Small and portable, the Magellan CrossoverGPS fits in your pocket and is ready to go with you anywhere.

The interface of the Magellan CrossoverGPS is smart and easy-to-use. Every function is just a tap away using the touchscreen of the Magellan CrossoverGPS.

## Magellan CrossoverGPS Reference Manual

It is not necessary to read this entire document to begin using the Magellan CrossoverGPS. Most users will find that they can use the Magellan CrossoverGPS right out of the box and just refer to this manual on those rare occasions when a little help on a function is needed.

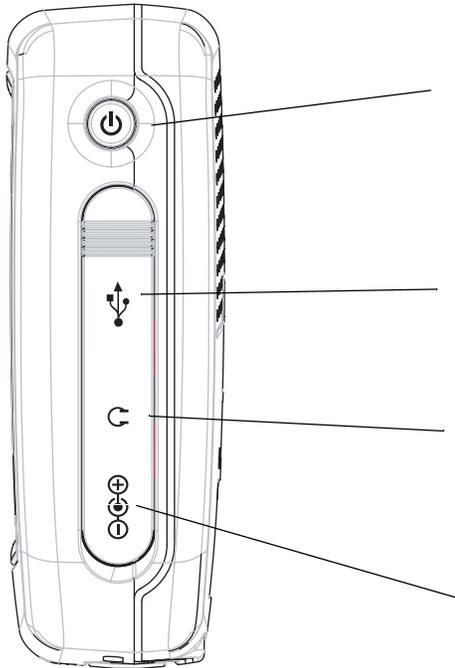
### Magellan CrossoverGPS



The Magellan CrossoverGPS uses a touchscreen display for all user inputs. The only readily accessible button that is normally used is the power button located on the right side of the unit. To prevent accidental turn on, you need to press and hold the power button for a few seconds to turn the Magellan CrossoverGPS on. [Note: The reset switch must be on (in the up position) before the Magellan CrossoverGPS can be turned on.]

All connections to the Magellan CrossoverGPS are located on the left and right sides of the unit, protected by a rubber covering to keep out moisture. When you need to access the connectors, simply lift the protective cover from the bottom.

## Magellan CrossoverGPS Right Side View



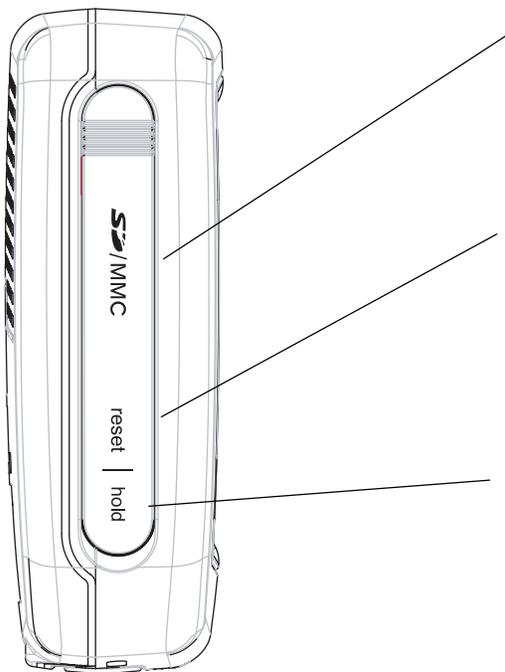
**Power** - Press and hold to turn the Magellan CrossoverGPS on or off. (Note: The reset switch MUST be in the up (1) position.)

**USB Connection** - (under protective cover) Used for connecting to a personal computer to upgrade the firmware.

**Headphone Connector** - (under protective cover) Please check local laws for use of headphones while driving.

**External Power Input** - (under protective cover) Connects power to the Magellan CrossoverGPS from a cigarette lighter adapter or an approved AC adapter.

## Magellan CrossoverGPS Left Side View



**SD Card Slot** - (under protective cover) Used to accept an optional SD card. The SD card can be used to store music and photos as well as optional region maps.

**Reset** - (under protective cover) Should the Magellan CrossoverGPS not function or during firmware updates you may be required to reset the unit. (The Magellan CrossoverGPS will operate only if the reset switch is in the up position.)

**Hold Button** - (under protective cover) Used to turn off the touchscreen portion of the display and sets the receiver into a power saving mode. Primarily used for outdoor use where the Magellan CrossoverGPS might be in a pocket or backpack.

# Magellan CrossoverGPS Application Menu Screen

The Application Menu is the first screen displayed after you go through the initial setup and is the starting point for all of the Magellan CrossoverGPS built-in applications.

## The Application Menu



**NAV** - The NAV button takes you to the Vehicle Navigation application in the Magellan CrossoverGPS, This application is used to provide you with turn-by-turn driving instructions using the built-in street maps.

**Marine** - The Marine button takes you to the Marine Navigation application in the Magellan CrossoverGPS, This application provides you with the basic tools you need for boating and fishing. Additional marine mapping information can be added by purchasing one of the Magellan BlueNav SD cards.

**Outdoor** - The Outdoor button takes you to the Outdoor Navigation application in the Magellan CrossoverGPS, This application provides you with the tools you need for hiking and camping. The Magellan CrossoverGPS has 90 meter topographic maps included for the 48 contiguous United States. More detailed (30 meter) topographic maps can be added by purchasing one of the Magellan MapSend Topographic products from [www.magellanGPS.com](http://www.magellanGPS.com).

**System** - The System button takes you the System Settings menu providing you with access to volume, brightness and other global settings you can select for your Magellan CrossoverGPS.

**Music** - The Music button opens the Music Player application where you can play MP3 files that you can store on an optional SD card.

**Photos** - The Photos button opens the Photo Viewer application where you can view photos that you can store on an optional SD card.

## Accessing the Application Menu

The Application Menu can be accessed from any of the applications by tapping the Exit icon found on the individual application's main menu.



Sample Marine Navigation Menu showing the Exit button highlighted.

Please note that the System Settings menu does not display an Exit button. To access the Application Menu from System Settings, press the 'X' in the upper right corner.

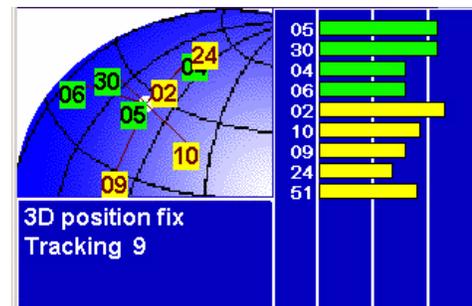
## Satellite Status

All of the navigation screens display a bar graph of the satellite status in the upper right corner. When the bars are green, the Magellan CrossoverGPS is getting GPS signals and is computing a position fix, defining your location.



When the bars are yellow, the Magellan CrossoverGPS is getting a satellite signal but has not been able to compute your location yet. A red X through the icon indicates that the Magellan CrossoverGPS is unable to get GPS satellite signals.

Tapping on the Satellite Status icon displays the Satellite Status screen with more information about the satellites and the signals being received.



# Magellan CrossoverGPS Vehicle Navigation Screens

## Map Screen

The Map Screen is the most commonly used screen on the Magellan CrossoverGPS. Whether you are getting directions or just driving around town, the Map screen will give you the peace of mind of knowing where you are.



This map shows the vehicle travelling on 1st Ave. with a left turn on Cedar St. coming up in 0.2 miles. At the posted speed limit, the turn will occur in 1 minute.

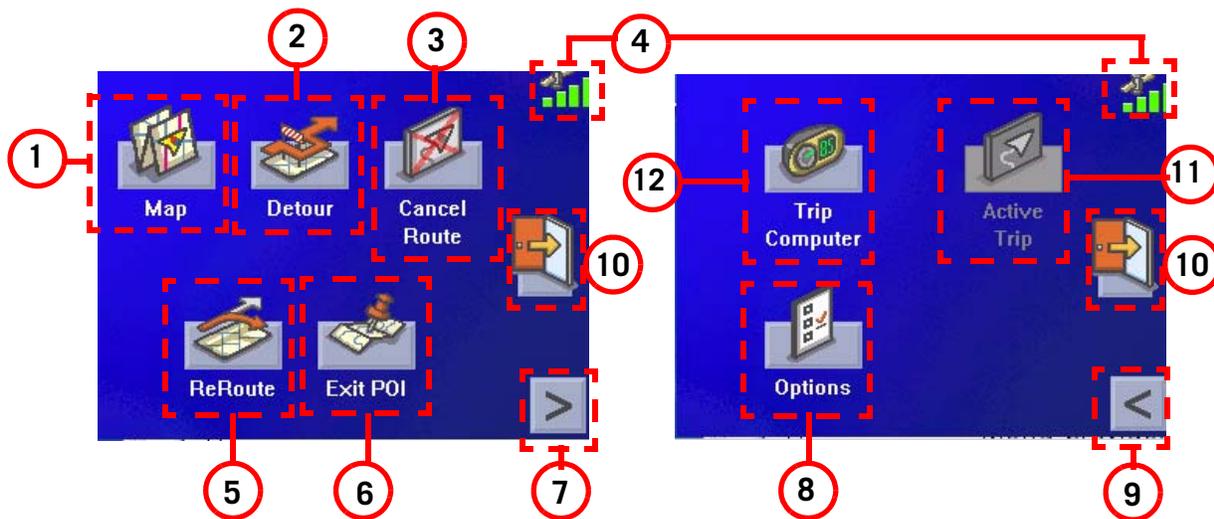
①	Current Street Name	Name of street you are currently on.	When tapped, displays the Locate screen
②	Zoom out		When tapped, zooms out the map display.
③	Destination Icon	Provides a visual indication of your destination.	
④	POI Icon	Sample indicated is the icon for a restaurant.	When tapped, offers you the option of setting a trip to that POI.
⑤	Location Icon	Provides visual indication of your current position.	
⑥	Next Maneuver	Indicates what type of maneuver you will need to perform when directed.	When tapped displays your heading as N, NE, NW, W, etc.
⑦	Distance to Next Maneuver	Displays the computed distance to your next maneuver in the unit of measure chosen.	When tapped repeats the last verbal instruction.

8	Time to Next Maneuver	Displays the computed time to your next maneuver.	Tapping this button toggles the field between time to next maneuver and remaining distance of the trip
9	Menu Button		When tapped, brings up the main vehicle navigation menu.
10	Next Maneuver Street Name	Displays the name of the street that the next maneuver will occur.	When tapped, displays the maneuver list screen.
11	Volume		Tapping this button displays a volume control slider and a mute button.
12	Zoom In		When tapped, zooms in the map display.
13	Satellite Status	Displays a bar graph indicating satellite signal strength.	When tapped displays the Satellite Status screen.

### Main Menu Screens

The Main Menu has two modes; active route and normal. When a route is active the Main Menu provides functions that pertain to the route. With no active route, the Main Menu provides access to functions that are used to create a route.

#### Main Menu - Active Route



①	Map Button	Used to access the Map Screen	
②	Detour Button	Detour gives you the option of re-routing the trip around traffic problems ahead of you.	
③	Cancel Route Button	Cancels the route you are travelling on.	
④	Satellite Status	Displays a bar graph indicating satellite signal strength.	When tapped displays the Satellite Status screen.
⑤	Re-route Button.	Provides a way to re-calculate the route you are on. Useful when you have veered off the route and need it re-calculated.	The Magellan CrossoverGPS will automatically attempt to re-route you when you are off course or you can use this button.
⑥	Exit POI Button	This function provides you access to a listing of common POI categories that are near upcoming freeway exits. (Only used while travelling on a freeway.)	
⑦	Menu Page 2	Accesses the second page of the route main menu.	
⑧	Options Button	Accesses the options menu.	
⑨	Menu Page 1	Accesses the first page of the route main menu.	
⑩	Application Menu	Accesses the Application Menu for additional applications and system settings.	
⑪	Active Trip Button	Functional only when travelling on a multideestination trip. Provides access to tools to modify the trip you are on.	
⑫	Trip Computer	Accesses the trip computer feature providing information about the trip that can be saved.	



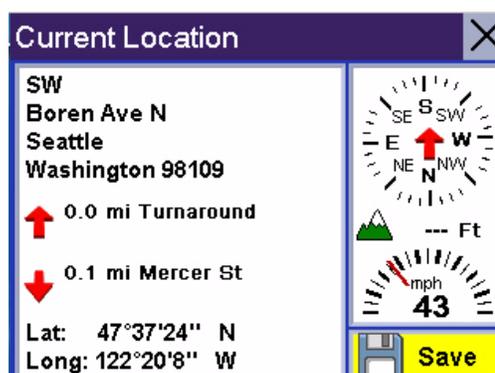
12	Application Menu	Accesses the Application Menu for additional applications and system settings.	
13	Enhanced POIs	Used to access personal POIs created with the Magellan PC Toolkit	
14	Trip Planner	Used to create a multideestination trip that can be travelled or saved.	
15	Trip Computer	Accesses the trip computer feature providing information about previous trips that can be saved.	

### Locate Screen (Tap the top bar on the Map screen)

The Locate screen displays information about your present position and provides access to saving your present position in your address book.

The left side of the screen indicates your heading, an address for your present position (if able to calculate), the next and previous street, as well as the latitude/longitude of your present position.

The right side of the screen shows a compass, the elevation (if able to compute) and the speed you are travelling.



Use the **Save** button to store your current position into your address book. Tap the “X” in the upper right corner to return to the Map screen.

### Maneuver List Screen (Tap the next maneuver bar on the Map screen)

The Maneuver List screen displays all of the maneuvers remaining to do to reach your destination.

Tap on one of the maneuvers to exclude that maneuver from the route. The maneuver will be excluded and the route re-calculated.

The bottom of the screen displays from left to right, the heading, distance to next maneuver, time to next maneuver and distance for the entire route.



Tap the “X” in the upper right corner to return to the Map screen.

# Creating Routes

## Overview

Creating a route involves selecting a destination and choosing how you would like the route calculated. Once this is done, the Magellan CrossoverGPS will calculate the route using the guidelines you provide and displays the Map screen with information guiding you to your destination.

## Creating a route to a street address

Most street addresses should be very easy to enter without any problems. If you are having problems entering a specific address, or just need additional information, go to the Magellan web site at <http://www.magellangps.com/support/faqdetail.asp?faqid=355&prodid=1748> for a FAQ that discusses some of the more common issues found.

1. From the Main Menu, tap **Street Address**.
2. Select **Search By City**, **Search by Zip Code** or **Previous City**.
3. Input the information as requested depending upon your selection in step 2.

*If using Search By City:* Spell the city name and select the city from the list, spell the name of the street and select from the available street list, and enter the address number for the street. (If the address you want to enter does not fall within the acceptable range displayed, enter the closest possible address.)

*If using Search by Zip Code:* Enter the zip code for the address and select the city from the list of available cities. Spell the name of the street and select from the available street list, and enter the address number for the street (it must fall within the street number range displayed at the top of the screen).

*If using Previous City:* Select a city from the list of previously used cities. Spell the name of the street and select from the available street list, and enter the



Using the keyboard to enter information. The keyboard will display only those letters that spell an item in the database. This provides a quick and easy tool to enter city and street information.

Use the "123" button to enter numbers and the "More" button to access symbols.

address number for the street (it must fall within the street number range displayed at the top of the screen).

4. Select the method to be used to calculate the route.

**NOTE:** When entering street names, do not use the prefix for the street. If you are creating a destination to W. Main, enter just Main. You will be given the opportunity to select W. Main from the list of available streets.

## Creating a route using POIs

POIs (points of interest) have been preloaded into the Magellan CrossoverGPS for commonly used categories such as banks, restaurants, gas stations, etc. Following the steps provided you will be able to create a route to any of these destinations.

### *Creating a route to a POI by name*

1. From the Main Menu, tap **POI**.
2. Select the category of the POI and, if displayed, the subcategory.
3. Tap **Spell Name**.
4. Spell out the POI name. You do not need to spell out the complete name. However, the more letters you enter, the narrower the search will be. If you entered 'Star' looking for Starbucks you might see China Star or other POI names that have a word beginning with 'Star' in the list.
5. Select **Current Position**, **Address** or **City Center**.



Scroll down the list of available categories to select the one you are looking for. Select 'Other' for additional categories.

The most common will be **Current Position** or **City Center**. In this case you could be looking for the Starbuck's nearest to where you are or or possibly nearest to the center of a city you are planning on going to.

If you select city center, airport or address, you will need to input the name and select from the list of available items before continuing.

6. Select the POI from the list of POIs that you are looking for.
7. Once the POI has been selected from the available list, select the routing method you want to use and the Magellan CrossoverGPS will begin calculating the route.

### ***Creating a route to a nearest POI***

1. From the Main Menu, tap **POI**.
2. Select the category of the POI. (Select any subcategory if prompted.)
3. Tap **Near**.
4. Select **Current Position, Address, or City Center**.

The most common will be **Current Position**. In this case you could be looking for the nearest gas station to your current position.

5. A list of POIs for that category nearest to the criteria you selected in step 4 will be presented. Tap on the POI you wish to go to.
6. Once the POI has been selected from the available list, select the routing method you want to use and the Magellan CrossoverGPS will begin calculating the route.



This is a sample list of POIs that meet the criteria set. The address and phone number is displayed to help you select the right POI. The red arrow indicates the approximate direction of the POI from your current position.

### ***Creating a route to a POI from an upcoming freeway exit***

This feature functions only if you are travelling on a freeway. If you try to access it while not on a freeway, an alert is displayed indicating that it is not available.

1. From the Main Menu, tap **POI**.
2. Tap **POI Near Exit**.
3. Select the exit you would like the POI displayed for to see all four of the categories for that exit or select the icon of the category just to see those POIs for that category for that exit
4. Select a POI from the list of available POIs.
5. Once the POI has been selected, select the routing method you want to use and the Magellan CrossoverGPS will begin calculating the route.

This function is available whether you are operating on a route or just travelling without a selected destination as long as you are on a freeway. Please note that if you are travelling on a route, selecting this will cancel the route and create a new one. You will then need

to redo the route, using Previous Destinations in the address book, to finish the original route.

## Creating a route to go home

### *Setting the home address*

1. From the Main Menu, tap **Home**.
2. If you have not entered a home address previously, tap **Yes** to enter your home address.
3. Select **Search By City**, **Search by Zip Code** or **Previous City**.
4. Input the information as requested depending upon your selection in step 3.

*If using Search By City:* Spell the city name and select the city from the list, spell the name of the street and select from the available street list, and enter the address number for the street (it must fall within the street number range displayed at the top of the screen).

*If using Search by Zip Code:* Enter the zip code for the address and select the city from the list of available cities. Spell the name of the street and select from the available street list, and enter the address number for the street (it must fall within the street number range displayed at the top of the screen).

*If using Previous City:* Select a city from the list of previously used cities. Spell the name of the street and select from the available street list, and enter the address number for the street (it must fall within the street number range displayed at the top of the screen).

5. Tap **Save** to store the home address.

### *Changing the home address*

1. From the Main Menu, tap **Home**.
2. Tap **Change** to change your home address.
3. Confirm the change by tapping **Yes**.
4. Select **Search By City**, **Search by Zip Code** or **Previous City**.
5. Input the information as requested depending upon your selection in step 4.

*If using Search By City:* Spell the city name and select the city from the list, spell the name of the street and select from the available street list, and enter the

address number for the street (it must fall within the street number range displayed at the top of the screen).

*If using Search by Zip Code:* Enter the zip code for the address and select the city from the list of available cities. Spell the name of the street and select from the available street list, and enter the address number for the street (it must fall within the street number range displayed at the top of the screen).

*If using Previous City:* Select a city from the list of previously used cities. Spell the name of the street and select from the available street list, and enter the address number for the street (it must fall within the street number range displayed at the top of the screen).

6. Tap **Save** to store the home address.

### ***Create a route to the home address***

1. From the Main Menu, tap **Home**.
2. Tap **Route**.
3. Select the routing method you want to use and the Magellan CrossoverGPS will begin calculating the route home.

## **Using the address book**

### ***Creating a route to a previous destination***

1. From the Main Menu, tap **Address Book**.
2. Tap **Previous Destinations**.
3. Select the desired destination from the list of previous destinations.
4. Tap **Route**.
5. Select the desired route method.

### ***Adding a previous destination to your address book***

1. From the Main Menu, tap **Address Book**.
2. Tap **Previous Destinations**.
3. Select the desired destination from the list of previous destinations.
4. Tap **Edit**.

5. (Optional) Edit the name of the address by tapping on top line of the address.
6. (Optional) Tap the Favorite check box to add this address to your list of favorite addresses.
7. Tap **Save**.
8. Tap **Route** to begin routing to the destination or tap the 'X' multiple times to exit out and return to the Main Menu.

### ***Creating a route to a favorite destination***

1. From the Main Menu, tap **Address Book**.
2. Tap **Favorites**.
3. Select the desired destination from the list of favorite destinations.
4. Tap **Route**. (You also have the option of editing or deleting this destination.)
5. Select the desired route method.

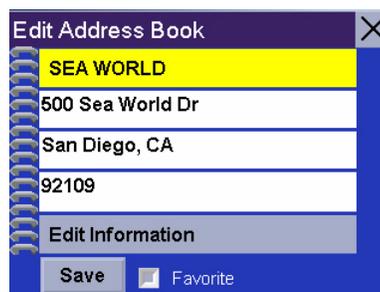
### ***Creating a route to an address in the address book***

1. From the Main Menu, tap **Address Book**.
2. Tap **List Addresses**
3. Select **List All** or **Search Address Book**.  
If you do a search, you will be asked to enter the first few characters on the address name.
4. Select the desired destination from the list of addresses in your address book.
5. Tap **Route**. (You also have the option of editing or deleting this address.)
6. Select the desired route method.

### ***Editing an address in the address book***

1. From the Main Menu, tap **Address Book**.
2. Tap **List Addresses**
3. Select **List All** or **Search Address Book**.  
If you do a search, you will be asked to enter the first few characters on the address name.
4. Select the desired address from the list of addresses in your address book.

5. Tap **Edit**.
6. Tap on the top line to change the name or the bottom line to change the address information. Use the keyboard to enter the new text.
7. Tap on the Favorite check box if you want to add this address to your favorites list.
8. Tap Save to store the changes into your address book.
9. Tap the “X” in the upper right corner a few times to return to the Main Menu if you are done.



You can change the name or add information (phone number, etc.) by tapping on the top or bottom line and use the keyboard to enter new text.

### ***Deleting an address from the address book***

1. From the Main Menu, tap **Address Book**.
2. Tap **List Addresses**
3. Select **List All** or **Search Address Book**.  
If you do a search, you will be asked to enter the first few characters on the address name.
4. Select the desired address from the list of addresses in your address book.
5. Tap **Delete**.
6. Confirm the deletion by tapping **Yes**.
7. Tap the “X” in the upper right corner a few times to return to the Main Menu if you are done.

### ***Creating a new address***

1. From the Main Menu, tap **Address Book**.
2. Tap **Create New Entry**
3. Select **Select on Map, Select Address, Dining, ATM, Gas..** or **Intersection**.

*Select on Map:* The Map screen is displayed. Use your finger or stylus to pan the crosshair cursor around the map. When the crosshair cursor is over the point on the map you want, tap on the crosshair cursor.

*Select Address:* Follow the instructions for selecting an address, either by city, zip code or previous cities.

*Dining, ATM, Gas...:* Follow the instructions previously mentioned in selecting a POI.

*Intersection:* Follow the instructions provided later in this chapter for intersections. (Setting a destination as an intersection will provide you with instructions to travel to two cross streets you have selected.)

4. The Edit Address Book screen is displayed. Edit the name or information line if desired. If this address is to be added to your favorites list, tap on the check box for Favorite.
5. Tap **Save**.

### ***Creating a route to an intersection***

1. From the Main Menu, tap **Intersection**.
2. Select **Search By City**, **Search by Zip Code** or **Previous City**.
3. Input the information as requested depending upon your selection in step 3.

*If using Search By City:* Spell the city name and select the city from the list, spell the name of the street and select from the available street list, and enter the address number for the street (it must fall within the street number range displayed at the top of the screen).

*If using Search by Zip Code:* Enter the zip code for the address and select the city from the list of available cities. Spell the name of the street and select from the available street list, and enter the address number for the street (it must fall within the street number range displayed at the top of the screen).

*If using Previous City:* Select a city from the list of previously used cities. Spell the name of the street and select from the available street list, and enter the address number for the street (it must fall within the street number range displayed at the top of the screen).

4. With the city selected, enter the name of the first street. When given the list of streets, select the desired one from the list of available streets.
5. Enter the name of the second street. When given the list of streets, select the desired one from the list of available streets.
6. Select the desired route method.

# Using the Trip Planner

## Overview

Normal routes are calculated from your present position to a single destination. It is sometimes beneficial to have a trip that goes to multiple destinations. The Trip Planner gives you the means to create and save multiple destination trips.

## Creating a multiple destination trip

1. From the Main Menu, tap  to go to page 2 of the Menu.
2. Select **Trip Planner**.
3. Select **New**.
4. Use the keyboard to enter a name for the trip. Tap **OK** when done.
5. Select **Add** from the list of available options.
6. Using the instructions found in *Creating a Route*, enter the first destination in the trip.
7. With the address selected, tap **Save** on the Add address to Trip screen.
8. The first destination has been added to the trip. To add more destinations, tap on the destination in the Trip List and select **Add**. Using the instructions found in *Creating a Route*, add the second destination to the list.
9. Continue adding destinations by tapping on the last listed destination and selecting **Add** until you have entered all of the destinations desired for your trip.
10. With the trip complete, tap on **Save**.

## Activating a multiple destination trip

1. From the Main Menu, tap  to go to page 2 of the Menu.
2. Select **Trip Planner**.
3. Select **Guide Me**.
4. Select the Trip to be activated from the list of saved trips.

- A list of the individual destinations is displayed. Tap on the first destination on the list to activate the trip.
- Select the routing method to compute the trip.



You can also pick which destination to begin the trip on, skipping over destinations prior to it, by tapping on the first destination you want to go to. In this example, tapping on 'Texaco' will go to all four destinations in the trip. If you tapped on 'Jaguar Seattle' the trip would be from your present position to 'Jaguar Seattle' and then to the Space Needle.

## Editing a multiple destination trip

- From the Main Menu, tap  to go to page 2 of the Menu.
- Select **Trip Planner**.
- Select **Edit**.
- Select the Trip to be edited from the list of saved trips.
- Select the destination from the list of available destinations that is to be edited.
- Select the action required from the list of available actions. You can select **Add**, **Move Up**, **Move Down**, **Delete** or **Cancel**.

*Add:* Using the standard methods of selecting a destination, a new destination can be selected and added to the trip after the destination selected in step 5.

*Move Up:* Moves the destination selected up one level in the trip list.

*Move Down:* Moves the destination selected down one level in the trip list.

*Delete:* Removes the destination selected from the trip list.

*Cancel:* Makes no changes and returns to the trip list.

- With the trip edits complete, tap on **Save**.

## Deleting a multiple destination trip

1. From the Main Menu, tap  to go to page 2 of the Menu.
2. Select **Trip Planner**.
3. Select **Delete, Rename**.
4. Select **Delete**.
5. Select the Trip to be deleted from the list of saved trips.
6. Confirm the deletion by tapping **Yes**.

## Renaming a multiple destination trip

1. From the Main Menu, tap  to go to page 2 of the Menu.
2. Select **Trip Planner**.
3. Select **Delete, Rename**.
4. Select **Rename**.
5. Select the Trip to be renamed from the list of saved trips.
6. Using the keyboard, enter a new name for the trip. Tap **OK** when done.

# Magellan CrossoverGPS Enhanced POIs

## Overview

Personal POIs can be created using the Magellan PC Tools and loaded into your Magellan CrossoverGPS or an optional SD card. The Enhanced POI option provides a way of loading POIs into the receiver and can then be used to create a route.

## Accessing the Enhanced POI Menu

1. From the Main Menu, tap  to get to the second page of the Main Menu.
2. Tap the **Enhanced POI** icon.

## Loading an Enhanced POI file

1. Install an SD card with POIs you've created using the Magellan PC Tools.
2. Access the Enhanced POI menu.
3. Tap **Change My POI file**.
4. Tap **Select a POI File**.
5. Tap on the desired POI file from the list of POI files available.

## Displaying/Selecting Categories

1. Load a POI file as described in 'Loading an Enhanced POI file'.
2. Tap **Display Categories**.
3. Select categories you want displayed or not displayed when selecting a POI to route to. ('X' will be shown.)

## Setting Alarms

1. Load a POI file as described in 'Loading an Enhanced POI file'.
2. Tap **Set Alarms**.
3. Tap on those categories you want to be alerted to when approaching. (See Setting Alert Parameters.)

## Setting Alert Parameters

1. Load a POI file as described in 'Loading an Enhanced POI file'.
2. Tap **Alert Parameters**.
3. Tap on the category you want set the parameters for.

4. Select the Detection angle by tapping on the detection angle button and entering a new angle [default is 45 degrees]. (This is the area in front of you that will be used to see if one of your POIs is in front of you.)
5. Set the distance for the first and last warning by tapping on their respective buttons and enter the distance desired.
6. Tap **Save** when complete.

### **Creating a Route Using Enhanced POIs**

1. With an enhance POI file loaded, access the Enhanced POI menu.
2. Tap **Select category**.
3. Select the category that the POI is in.
4. Select **Nearest** (closest to your present position) or **Spell POI Name**.
5. If you selected Nearest, select the destination from the Select POI list.  
If you selected Spell POI Name, enter the first few letters for the desired POI and tap OK. Select the desired POI from the list.
6. Tap **Route**.
7. Select routing method.

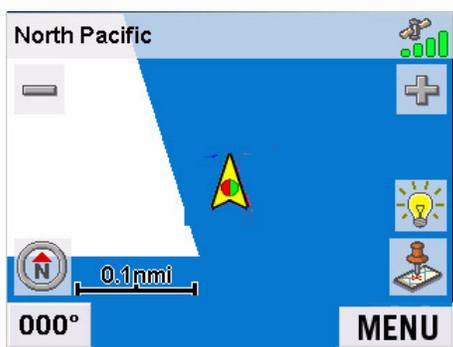
### **Saving a POI to your Address Book from Enhanced POIs**

1. With an enhance POI file loaded, access the Enhanced POI menu.
2. Tap **Select category**.
3. Select the category that the POI is in.
4. Select **Nearest** (closest to your present position) or **Spell POI Name**.
5. If you selected Nearest, select the destination from the Select POI list.  
If you selected Spell POI Name, enter the first few letters for the desired POI and tap OK. Select the desired POI from the list.
6. Tap **Save**.
7. Edit the POI as needed by tapping on the desired field and entering the information.
8. Add the POI to your favorites list if desired by checking the Favorite checkbox.
9. Tap **Save**.
10. You can now route to this POI by tapping **Route** or return to the main menu by tapping **Cancel**.

# Marine Navigation

The Marine application provides a basic form of navigation for marine use. Without loading any external maps (Magellan BlueNav) you can create a track, add waypoints, navigate to a saved waypoint and perform a backtrack (following your track back to your point of origin).

If you have loaded any of the Magellan BlueNav charts you will have additional marine navigational information that can enhance your marine trip.



Marine Map without BlueNav map loaded.



Marine Map with BlueNav map loaded.

Magellan BlueNav charts are available from Magellan at <http://www.magellangps.com/products/software.asp>. The Magellan CrossoverGPS is compatible with MapSend BlueNav Local Charts and any of the eXplorist MapSend BlueNav XL3 Charts. (Meridian MapSend BlueNav XL3 charts will not work in the Magellan CrossoverGPS.)

## Loading MapSend BlueNav Charts

1. Install the SD card with the BlueNav Chart into the SD card slot on the left side of the Magellan CrossoverGPS.
2. If the unit is on or after you turn it on, a message will be displayed that maps have been found on the SD card.
3. Tap Yes.
4. Select the map you want to load.

## Changing Regions

1. Access the Marine Navigation Menu. (From the Map screen, tap the MENU button.) NOTE: If you have an active trip or goto you will need to cancel it before being able to select a region from the SD card.
2. Tap the Right Arrow in the lower right corner to access page 2 of the menu.
3. Tap *Select Region*.

4. Tap Yes.
5. Select the map you want to load.

## **Special Terminology**

### ***Waypoints***

A waypoint is similar to an address. An address uses the street name and number, the city, and the state to define its location, while a waypoint uses imaginary lines drawn on the globe (latitude and longitude) to pinpoint its location. They function the same, just how they are defined is different.

### ***Track***

Track is a record of your travels. As you move across the water the Magellan CrossoverGPS drops and records electronic breadcrumbs that represent your movement. When you look at the map screen you will notice a dotted line showing you a history of how you travelled. This dotted line is your track. Track is primarily used to create a backtrack route that returns you to your starting point.

### ***Backtrack***

As explained above, the Magellan CrossoverGPS records your track while you are moving. You can then create a route (called backtrack) that follows this track back to where you started.

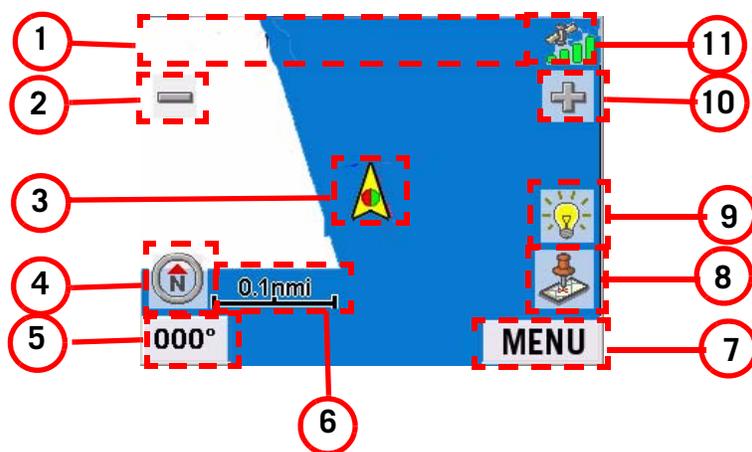
### ***Goto***

A goto is a route that tries to go in a straight line from your present position to a waypoint or a point you have selected on the map.

### ***Trip***

A trip is a route with multiple legs or destinations. Suppose you want to leave the port and go to the bait boat. After getting your bait you want to travel to the fishing hotspot you saved from your last trip. This would be a trip with two destinations (or two legs). You would use the Magellan CrossoverGPS to create a trip that goes from your port waypoint, to the bait boat waypoint, and finally to the hotspot waypoint.

## Map Screen Overview



①	Information Bar	Displays information for the cursor position while panning around the map.	
②	Zoom out		When tapped, zooms out the map display.
③	Position Icon	Provides a visual indication of your current position.	Icon points in the direction you are heading
④	North Indicator	Arrow points towards North.	When tapped displays the compass screen.
⑤	Data field	Displays navigation data selected.	Tap and hold for 3 seconds. A list of possible data types is displayed. Tap on the data type you want shown.
⑥	Map Scale	Displays the current distance scale for the map.	
⑦	MENU button		Tap to display the Marine Navigation menu.
⑧	Create Waypoint		Tap to save your current position or the cursor position as a waypoint. If cursor position, you can also create a goto route to that waypoint.
⑨	Brightness		When tapped displays a slider bar that can be used to adjust the display brightness.
⑩	Zoom In		When tapped, zooms in the map display.
⑪	Satellite Status	Displays a bar graph indicating satellite signal strength.	When tapped displays the Satellite Status screen.

## Creating a Waypoint from the Map Screen

1. Tap  Tap on the map screen icon, which shows a map with a red pushpin.
2. Tap on any of the fields to edit the name, lat/lon, altitude or information.
3. Tap *Favorite* to include this waypoint in your Favorites list.
4. Tap *Save*.
5. A waypoint is created and indicated by an 'x' on the map.

## Creating a Waypoint from the Compass Screen

1. Tap  Tap on the compass screen icon, which shows a compass rose with a red arrow pointing north.
2. Tap  Tap on the map screen icon, which shows a map with a red pushpin.
3. Tap on any of the fields to edit the name, lat/lon, altitude or information.
4. Tap *Favorite* to include this waypoint in your Favorites list.
5. Tap *Save*.
6. A waypoint is created and indicated by an 'x' on the map.

## Creating a Waypoint from the Marine Navigation Menu

1. Tap  Tap on the Waypoints menu icon, which shows a map with a red pushpin and the word 'Waypoints' below it.
2. Select *Create New Entry*.
3. Select *Select on Map* to visually place the waypoint or *Enter Lat/Lon* to type in the latitude and longitude for the waypoint.
4. Use the method selected to locate or enter the waypoint position.
5. Tap on any of the fields to edit the name, lat/lon, altitude or information.
6. Tap *Favorite* if you want to include this waypoint in your Favorites list.
7. Tap *Save*.
8. A waypoint is created and indicated by an 'x' on the map.

## Setting your Port

1. Tap  **Port**
2. Select *Change Port*.  
Note: If this is the first time you have accessed the Port function you will be asked to either select the port from the map or enter it's latitude and longitude.
3. Select *Select on Map* to visually place your port on the map or *Enter Lat/Lon* to type in the latitude and longitude for your port.
4. Use the method selected to locate or enter the port's position.
5. Tap on any of the fields to edit the name, lat/lon, altitude or information.
6. Tap *Favorite* to include this waypoint in your Favorites list.
7. Tap *Save*.

## Going to your Port

1. Tap  **Port**
2. Select *Goto Port*.
3. The Map screen is displayed with a Goto route line displayed. Navigate along this line to return to your port.

## Creating a Goto Route from the Map Screen

1. Pan the cursor along the map to the location you want to go to.
2. Tap 
3. Tap *Go To*.
4. The Map screen is displayed with a Goto route line displayed. Navigate along this line to go to your destination waypoint.

## Creating a Goto Route from the Marine Navigation Menu

1. Tap  **Waypoints**
2. Select *List Waypoints* or *Favorites*.
3. If *List Waypoints* is selected, select *List Waypoints* again or use the search feature to find the desired waypoint.
4. Tap on the waypoint name from the list of waypoints.
5. Tap *Go To*.
6. The Map screen is displayed with a Goto route line displayed. Navigate along this line to go to your destination waypoint.

## Creating a Trip

1. From the Marine Navigation menu, tap  **Trip Planner**
2. Select *New*.
3. Using the keypad, enter a unique name for the trip.
4. Tap on *Add*.
5. Select the first waypoint in the trip from *Previous Destinations*, *Favorites*, *List Waypoints* or *Create New Entry*.
6. When the Waypoint Details screen is display, tap *Save*.
7. The list of waypoint destinations is displayed. Tap on the last waypoint in the list for a list of options.
8. Tap *Add* and repeat steps 5 though 8 until the entire trip has been entered.
9. Tap *Save*.
10. The trip is saved and the Trip Planner menu screen is displayed.

## Activating a Trip



1. From the Marine Navigation menu, tap
2. Select *Guide Me*.
3. Tap on the name of the saved trip you want to use.
4. A list of the waypoints in the trip is displayed. Tap on the first waypoint in the list to navigate on the entire trip.
5. The map is displayed with the route highlighted by a pink line.

## Track Tools



1. From the Marine Navigation menu, tap
  - Tap *Start* or *Stop* to turn tracking on or off.
  - Tap *Reset* to clear the active track.
  - Tap *Back Track* to create a route that follows your active track.
  - Tap *Save As...* to save your active track.
  - Tap *To Route* to save your active track as a trip that can be used again later.
  - Tap *View on Map* to see the entire active track displayed on the map.
  - Tap *Color* to change the color of the track line displayed on the map.
  - *Show on Map* sets the track to be visible on the map while navigating.

## Bow View

With an active trip or goto you can use the Bow View to help navigate to your destination.

The three data fields at the bottom of the display are customizable. Tap and hold on the data field for 3 seconds. A popup menu will appear with a list of available data types.



The red arrow indicates the direction you need to steer to get to the proper heading to go to your destination.

### *Accessing the Bow View*

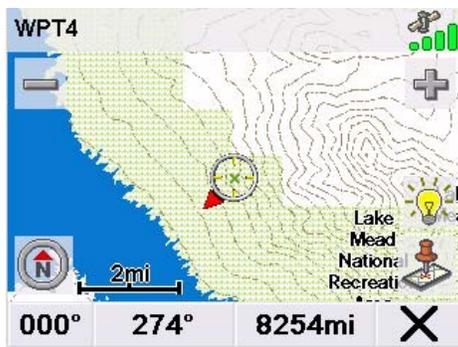
1. From the Marine Navigation menu, tap



Tap on the “X” in the lower right corner to exit Bow View.

# Outdoor Navigation

The Outdoor application provides a basic form of navigation for hiking and camping. Without loading any external maps (Magellan MapSend Topo) you can create a track, add waypoints, navigate to a saved waypoint and perform a backtrack (following your track back to your point of origin). The Magellan CrossoverGPS has 90 meter topographic maps installed for the continental United States excluding Alaska. With MapSend Topo maps, you can install 30 meter topographic maps.



Outdoor Map without a MapSend Topo map loaded.



Outdoor Map a MapSend Topo map loaded.

Magellan MapSend Topo maps are available from Magellan at <http://www.magellangps.com/products/software.asp>. The Magellan CrossoverGPS is compatible with MapSend Topo maps that are preloaded on SD cards. (MapSend Topo products sold on a CD-ROM or DVD are NOT compatible with the Magellan CrossoverGPS.)

## Loading MapSend Topo Charts

1. Install the SD card with the MapSend Topo Chart into the SD card slot on the left side of the Magellan CrossoverGPS.
2. If the unit is on or after you turn it on, a message will be displayed that maps have been found on the SD card.
3. Tap Yes.
4. Select the map you want to load.

## Changing Regions

1. Access the Outdoor Navigation Menu. (From the Map screen, tap the MENU button.) NOTE: If you have an active trip or goto you will need to cancel it before being able to select a region from the SD card.
2. Tap the Right Arrow in the lower right corner to access page 2 of the menu.

3. Tap *Select Region*.
4. Tap *Yes*.
5. Select the map you want to load.

## **Special Terminology**

### ***Waypoints***

A waypoint is similar to an address. An address uses the street name and number, the city, and the state to define its location, while a waypoint uses imaginary lines drawn on the globe (latitude and longitude) to pinpoint its location. They function the same, just how they are defined is different.

### ***Track***

Track is a record of your travels. As you move across the land the Magellan CrossoverGPS drops and records electronic breadcrumbs that represent your movement. When you look at the map screen you will notice a dotted line showing you a history of how you travelled. This dotted line is your track. Track is primarily used to create a backtrack route that returns you to your starting point.

### ***Backtrack***

As explained above, the Magellan CrossoverGPS records your track while you are moving. You can then create a route (called backtrack) that follows this track back to where you started.

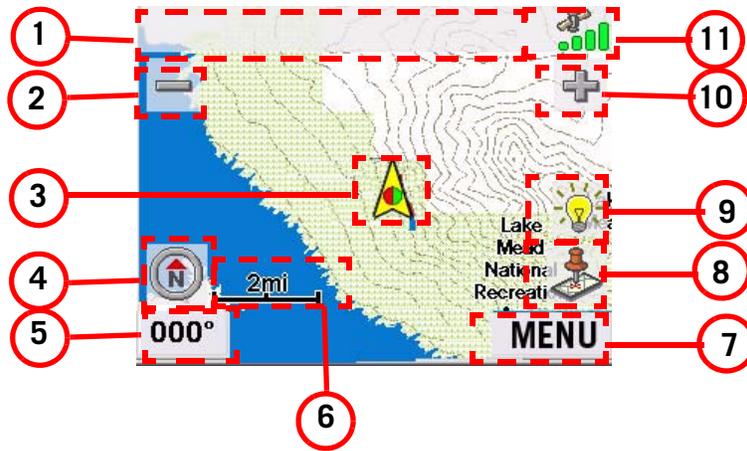
### ***Goto***

A goto is a route that tries to go in a straight line from your present position to a waypoint or a point you have selected on the map.

### ***Trip***

A trip is a route with multiple legs or destinations. Suppose you want to leave your basecamp and go to the bridge. From the bridge, you want to hike to a scenic spot you found last trip. This would be a trip with two destinations (or two legs). You would use the Magellan CrossoverGPS to create a trip that goes from your basecamp waypoint, to the bridge waypoint, and finally to the scenic waypoint.

## Map Screen Overview



1	Information Bar	Displays information for the cursor position while panning around the map.	
2	Zoom out		When tapped, zooms out the map display.
3	Position Icon	Provides a visual indication of your current position.	Icon points in the direction you are heading
4	North Indicator	Arrow points towards North.	When tapped displays the compass screen.
5	Data field	Displays navigation data selected.	Tap and hold for 3 seconds. A list of possible data types is displayed. Tap on the data type you want shown.
6	Map Scale	Displays the current distance scale for the map.	
7	MENU button		Tap to display the Outdoor Navigation menu.
8	Create Waypoint		Tap to save your current position or the cursor position as a waypoint. If cursor position, you can also create a goto route to that waypoint.
9	Brightness		When tapped displays a slider bar that can be used to adjust the display brightness.
10	Zoom In		When tapped, zooms in the map display.
11	Satellite Status	Displays a bar graph indicating satellite signal strength.	When tapped displays the Satellite Status screen.

## Creating a Waypoint from the Map Screen

1. Tap . This icon shows a map with a red pushpin on a location.
2. Tap on any of the fields to edit the name, lat/lon, altitude or information.
3. Tap *Favorite* to include this waypoint in your Favorites list.
4. Tap *Save*.
5. A waypoint is created and indicated by an 'x' on the map.

## Creating a Waypoint from the Compass Screen

1. Tap . This icon shows a compass rose with a red arrow pointing north.
2. Tap . This icon shows a map with a red pushpin on a location.
3. Tap on any of the fields to edit the name, lat/lon, altitude or information.
4. Tap *Favorite* to include this waypoint in your Favorites list.
5. Tap *Save*.
6. A waypoint is created and indicated by an 'x' on the map.

## Creating a Waypoint from the Outdoor Navigation Menu

1. Tap . This icon shows a map with several red pushpins and the word 'Waypoints' written below it.
2. Select *Create New Entry*.
3. Select *Select on Map* to visually place the waypoint or *Enter Lat/Lon* to type in the latitude and longitude for the waypoint.
4. Use the method selected to locate or enter the waypoint position.
5. Tap on any of the fields to edit the name, lat/lon, altitude or information.
6. Tap *Favorite* to include this waypoint in your Favorites list.
7. Tap *Save*.
8. A waypoint is created and indicated by an 'x' on the map.

## Setting your Base Camp

1. Tap . The icon shows a yellow tent on a blue background with the text 'Base Camp' below it.
2. Select *Change Basecamp*.  
Note: If this is the first time you have accessed the Base Camp function you will be asked to either select the port from the map or enter its latitude and longitude.
3. Select *Select on Map* to visually place your port on the map or *Enter Lat/Lon* to type in the latitude and longitude for your port.
4. Use the method selected to locate or enter the base camp's position.
5. Tap on any of the fields to edit the name, lat/lon, altitude or information.
6. Tap *Favorite* to include this waypoint in your Favorites list.
7. Tap *Save*.

## Going to your Base Camp

1. Tap . The icon shows a yellow tent on a blue background with the text 'Base Camp' below it.
2. Select *Goto Basecamp*.
3. The Map screen is displayed with a Goto route line displayed. Navigate along this line to return to your basecamp.

## Creating a Goto Route from the Map Screen

1. Pan the cursor along the map to the location you want to go to.
2. Tap . The icon shows a red pushpin on a map.
3. Tap *Go To*.
4. The Map screen is displayed with a Goto route line displayed. Navigate along this line to go to your destination waypoint.

## Creating a Goto Route from the Outdoor Navigation Menu

1. Tap  **Waypoints**
2. Select *List Waypoints* or *Favorites*.
3. If *List Waypoints* is selected, select *List Waypoints* again or use the search feature to find the desired waypoint.
4. Tap on the waypoint name from the list of waypoints.
5. Tap *Go To*.
6. The Map screen is displayed with a Goto route line displayed. Navigate along this line to go to your destination waypoint.

## Creating a Trip

1. From the Outdoor Navigation menu, tap  **Trip Planner**
2. Select *New*.
3. Using the keypad, enter a unique name for the trip.
4. Tap on *Add*.
5. Select the first waypoint in the trip from *Previous Destinations*, *Favorites*, *List Waypoints* or *Create New Entry*.
6. When the Waypoint Details screen is display, tap *Save*.
7. The list of waypoint destinations is displayed. Tap on the last waypoint in the list for a list of options.
8. Tap *Add* and repeat steps 5 though 8 until the entire trip has been entered.
9. Tap *Save*.
10. The trip is saved and the Trip Planner menu screen is displayed.

## Activating a Trip



1. From the Outdoor Navigation menu, tap
2. Select *Guide Me*.
3. Tap on the name of the saved trip you want to use.
4. A list of the waypoints in the trip is displayed. Tap on the first waypoint in the list to navigate on the entire trip.
5. The map is displayed with the route highlighted by a pink line.

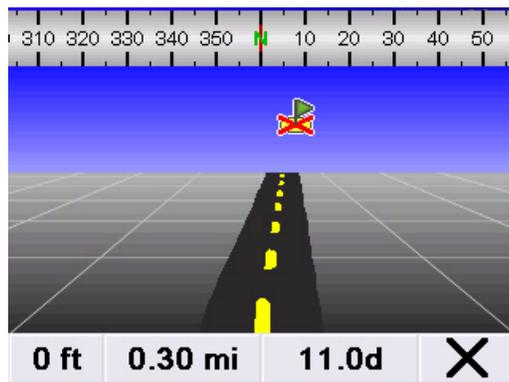
## Track Tools



1. From the Outdoor Navigation menu, tap
  - Tap *Start* or *Stop* to turn tracking on or off.
  - Tap *Reset* to clear the active track.
  - Tap *Back Track* to create a route that follows your active track.
  - Tap *Save As...* to save your active track.
  - Tap *To Route* to save your active track as a trip that can be used again later.
  - Tap *View on Map* to see the entire active track displayed on the map.
  - Tap *Color* to change the color of the track line displayed on the map.
  - *Show on Map* sets the track to be visible on the map while navigating.

## Nav Road View

With an active trip or goto you can use the Nav Road View to help navigate to your destination.



Follow the road to go to your destination.

The three data fields at the bottom of the display are customizable. Tap and hold on the data field for 3 seconds. A popup menu will appear with a list of available data types.

### *Accessing the Nav Road View*

1. From the Outdoor Navigation menu, tap



Tap on the “X” in the lower right corner to exit Nav Road View.

# Setting User Options

## Overview

Portions of the Magellan CrossoverGPS are customizable to your needs. To access the User Options menu, select **Options** from page 2 of the Main Menu and select the option you want to change.

## POI Selection

In POI Selection you can select which POI icons will be displayed on the Map screen

Check the POI category name to select or deselect it. POI's with an "X" will be displayed on the screen. Use 'Mark All' or 'Clear All' for global selections.

NOTE - Marine and Outdoor use: When you have added maps using Magellan BlueNav or Magellan MapSend Topo the POI category list will be created from the categories supplied on the optional maps. With no accessory map installed, the POI list will be empty for marine and contain the vehicle navigation POI list for outdoor.

## Address Book Options (Waypoint Options in Marine and Outdoor)

This option provides a way to quickly clear addresses from your address book.

*Clear Addresses* clears all of the addresses in your address book.

*Clear Favorites* clears the addresses marked as favorites from your address book.

*Clear Previous* clears the previous destinations list.

## Active Track Options (Marine and Outdoor only)

Track is a recording of your journey on land or water. Active Track Options sets some of the parameters for the active track.

*Continue Track on Application Start:* You can set the track to continue from the last track point set automatically (Yes), have a new track started and the old track deleted every time you start (Reset), or set it to ask you if you want to continue the track every time you start the outdoor/marine application (Ask).

*When track is full:* When the track memory is full you can set the Magellan CrossoverGPS to keep adding new track points to the end of the track and delete

track points from the start of the track (Cycle), clear out the track log and start a new one (Reset), or pop up an alert asking you what you want to do at the time the track log is full (Ask).

*Track filtering preset:* [Advanced users] Sets the interval that track points are collected during the trip. If you are unsure, leave this option as 'Detailed smart algorithm'.

## Map Options

Provides access to customizing how the Map screen functions.

*3D / 2D:* Changes the display of the map to be a 3D (forward looking display) or 2D (overhead display). [Vehicle Navigation only]

*Heading Up / North Up:* Sets the top of the map display to be either the direction you are heading or North. Note that 'North Up' is only available when the map is set to 2D mode.

*TrueView:* As you approach a maneuver, the map screen changes to a TrueView display and then back to the map display just prior to the maneuver. This is the default setting. You can turn this feature off by unchecking 'Auto TrueView'. TrueView can also be selected to view Split TrueView (default where half the display is the map and the other half an arrow indicating the maneuver requirements) or a Single TrueView (only the arrow is displayed). [Vehicle Navigation only]

## Map Colors (Vehicle Navigation only)

You can select from nine different combination of colors for the map display.

*Auto Night Mode:* Changes the colors of the display to the one chosen for 'Night Screen' during evening hours. With Auto Night Mode off, only the Day Screen colors are used.

*Day Screen / Night Screen:* Tap on these buttons to go to the map color selection screen. Select the desired color from the list on the left.

## Route Preferences (Vehicle Navigation only)

You can turn automatic re-routing on or off. With automatic re-routing on, the receiver will automatically recalculate the route whenever you leave the planned route.

*Automatic Re-Route:* When checked, automatic re-routing is on.

## Detour Options (Vehicle Navigation only)

The Magellan CrossoverGPS detects when you are on a route and you are moving slowly or not moving at all on a freeway. It then provides you with the option of detouring around the problem area. It can alert you visually on the map by displaying the detour icon or you can set it to not alert you and you'll select detour from the main menu.

*3 mi / 5 mi / 10 mi or Custom:* This setting determines the distance that detour will take you around. (If you are on stopped on a freeway and select to detour, the Magellan CrossoverGPS will calculate the detour and try to get you back on the original route in the distance specified.)

*Enable automatic detour:* This defines if the detour icon will be shown on the map when the Magellan CrossoverGPS determines that a detour should be used.

*Alert After:* This sets the duration that you are stopped or moving slowly on the freeway before a detour icon is displayed.

**Example:** Settings of '3 mi', 'Enable automatic detour' on, and 'Alert After' set to 1 min. You are being routed on a freeway and have been moving at 10 mph due to a traffic jam ahead. After 1 minute of moving slowly, the detour icon will be displayed on the left side of the map indicating that a detour should be used. If you want to activate the detour, press MENU and select 'Detour'. Press 'Route' and the Magellan CrossoverGPS will calculate a new route, detouring around the next 3 miles.

## Simulator Mode (Vehicle Navigation only)

This option provides a way to set the Magellan CrossoverGPS into simulation mode. In simulation mode you can create a route and observe the Magellan CrossoverGPS in action as it simulates travelling along the route.

*Simulation:* Check "Propose simulator mode when calculating a route." to turn the simulator on. When on, you will be asked each time you create a route if you want it to be simulated.

## Menu Colors

The Magellan CrossoverGPS has four color schemes built in; Default, Pastel, Forest and Desert.

*Menu Colors:* Tap on the desired color theme.

## **Tone Options**

The Magellan CrossoverGPS uses an alert tone to indicate that a maneuver is upcoming or been completed. You can select the type of alert tone to be used.

*Tone Options:* Tap on Bell, Chime or Beep.

## **Navigation Instruction (Vehicle Navigation only)**

You can select what will be announced while routing. You may turn ‘Announce street name’ on (checked) or off and you may turn “Announce exit ramp name” on (checked) or off.

## **GPS Options**

You can check the status of the GPS signals or set a starting location for the GPS receiver.

*GPS Status:* Displays high-level information about the satellite and the signal it is transmitting.

*Set GPS Position:* This is only useful if you have travelled a great distance with the Magellan CrossoverGPS off and it is having problems getting GPS signals. You will be prompted to enter an address for your present location that the Magellan CrossoverGPS can base its satellite search from. (It is extremely unlikely that you will ever need to use this option unless instructed to do so by a service technician if you are experiencing difficulties.)

## **Backup and Restore (Vehicle Navigation only)**

Backup and Restore will save (backup) all of your address, trips, and option settings to an SD card installed in the Magellan CrossoverGPS. You can then upload (restore) this information in the future should you lose the information or accidentally clear the addresses.

## **Export Data / Import Data (Marine and Outdoor Navigation only)**

Export and Import Data brings up a menu that enables you to save or load waypoints, trips or tracks to an optional SD card. You can also backup and restore all of you data to an optional SD card.

# System Settings

## Overview

System settings provides access to some global settings for the Magellan CrossoverGPS. The following is a listing of the accessible settings. From the Main Menu screen, tap on the Application Menu icon and then the System icon.

## Volume

A slider bar is displayed that can be tapped on to raise or lower the volume of alerts. Tapping on the speaker icon (above the slider) will mute or unmute the speaker.

## Brightness

The top of the display is a slider bar that can be tapped to increase or decrease the brightness of the display.

'On-battery dimming (80%)' should be checked if you want the display dimmed while operating on the internal battery only. This will lengthen the usable battery life between battery charging.

## Power

This setting tells the Magellan CrossoverGPS how long it should stay on while there is no noticeable activity. (Noticeable activity would include button presses and the location of the Magellan CrossoverGPS not changing.)

## Language

Changes the language used for voice alerts as well as menu items in to one of five languages. Please note that voice alerts are available only in English and French.

## Time Zone

Use the '+' and '-' buttons to change the time zone to your local area. Check the Daylight Savings box if you want the time automatically changed for daylight savings.

## Unit of Measure

You can set distances to be displayed as Miles/Feet or Kilometers/Meters.

## Page 2 (tap )

### Product Information

Provides detailed information about the software and firmware installed in the Magellan CrossoverGPS. Also shown is the unique serial number for the receiver.

### Diagnosis

Provides a way to diagnose the audio, touchscreen or video portions of the Magellan CrossoverGPS.

### Additional Items

#### Battery Life

A battery charge indicator is shown at the bottom of the display. When the Magellan CrossoverGPS is charging, the green bars will sequence from left to right. Remove the power cable and the green lights will display the approximate battery charge.

#### Contact Us

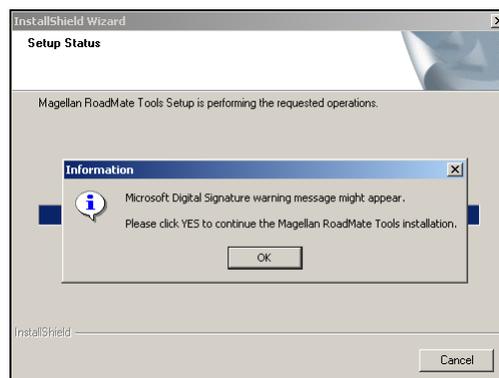
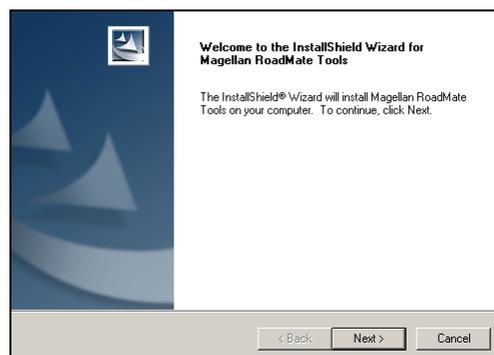
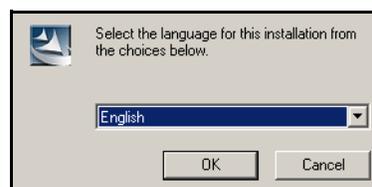
Tap the question mark in the bottom left corner and then “Contact Us” to display a screen with telephone and e-mail information for contacting Magellan about your Magellan CrossoverGPS.

# Magellan CrossoverGPS PC Tools Installation

The Magellan CrossoverGPS Tools application enables you to create custom POI's and load them onto the SD card in your Magellan CrossoverGPS.

## Installing the Software

1. Insert the Magellan CrossoverGPS Tools PC Application CD into your PC's CD drive.
2. The setup application will begin automatically. If it does not, browse your computer's CD drive and double-click on the setup.exe file.
3. Select a default language for the Application.
4. The Welcome screen will appear to begin the installation process.
5. Choose a destination for the application. Select **Next** to use the default location, or select **Browse** to choose a custom destination.
6. Next, choose a Program Folder to place the application icons.
7. The Magellan CrossoverGPS Tools software will be installed. After it has finished installing, a dialog box pertaining to Microsoft Digital Signatures may appear, select **OK**
8. When it has finished, you can have the installer launch the application automatically, or deselect to exit without launching the application. Select **Finish**.



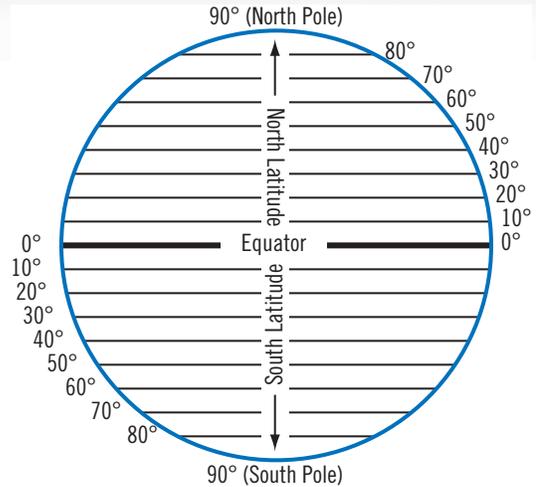
# Magellan CrossoverGPS POI Manager

The Magellan CrossoverGPS POI Manager enables you to transfer custom points of interest files from your computer to your Magellan CrossoverGPS.

Before we add any custom POI's to the Magellan CrossoverGPS, you should understand how the POI Manager plots POIs.

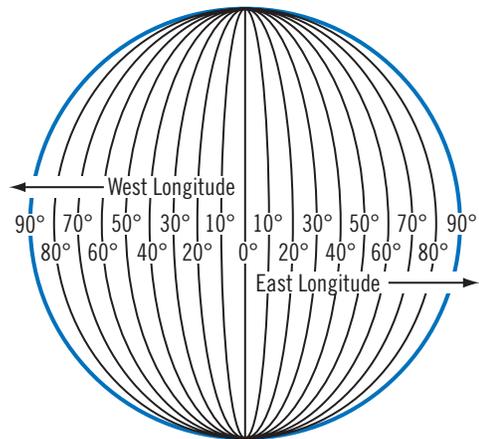
## Latitude

Latitude can be expressed by dividing Earth into horizontal segments totalling 180 degrees. Starting at the Equator, or zero degrees Latitude, lines (or Parallels) are drawn in 10-degree increments 90 degrees to the north and 90 degrees to the south. If your location is below the Equator, you are at a South Latitude.



## Longitude

Conversely, longitude lines can be expressed by dividing Earth into vertical segments totalling 360 degrees. Starting at the Prime Meridian (which is The Royal Observatory in Greenwich, England), or zero degrees Longitude, lines are drawn in 10-degree increments 180 degrees to the West and 180 degrees to the East. If your location is on the western hemisphere, you are at a West Longitude.

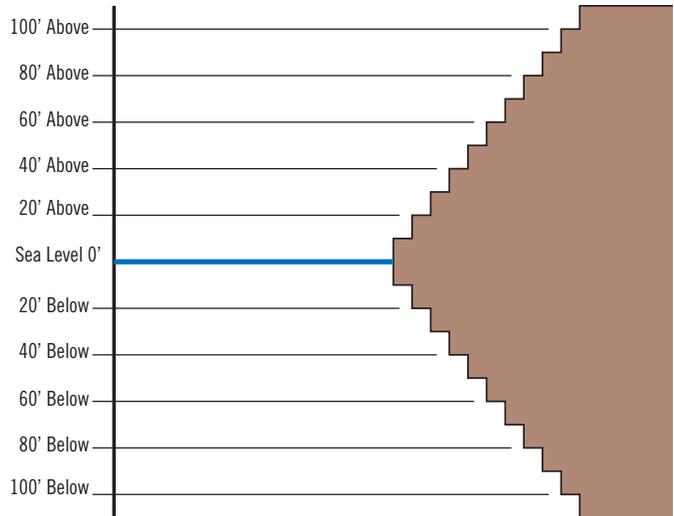


Additionally, to narrow down your location further, each 10-degree segment is divided into 60 smaller segments called minutes and, still further, each minute is divided into 60 segments called seconds.

To express this in coordinates, the city of Los Angeles is located at 34° (degrees) 03' (minutes) and 08 (seconds) North of the Equator, and 118° (degrees) 14' (minutes) and 42 (seconds) West of the Prime Meridian.

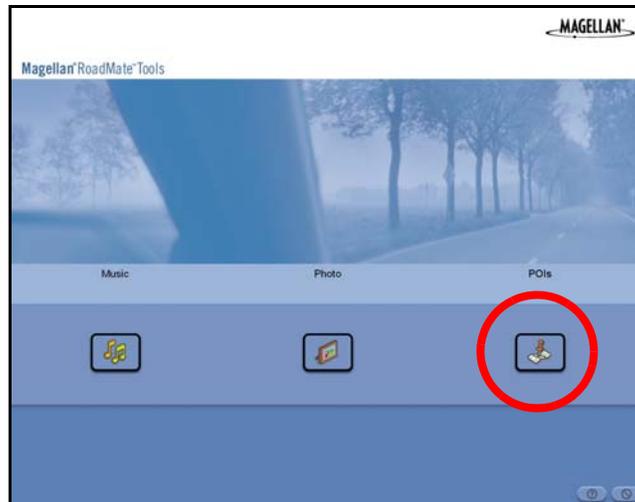
## Altitude

Each location can also have an Altitude. Altitude is expressed by how far the point is above or below the level of the ocean, or Sea Level. For example, Los Angeles, California is about 300 feet above sea level. Death Valley, California is about 270 feet below sea level.



Turn on your Magellan CrossoverGPS by pressing and holding the Power button for approximately 2-3 seconds. When the Warning screen appears, insert the small end of the USB cable into the USB port on your Magellan CrossoverGPS, and the large end into an available USB port on your computer.

Launch the Magellan CrossoverGPS PC Tools application and from the Magellan PC Tools screen, click on **POI**.

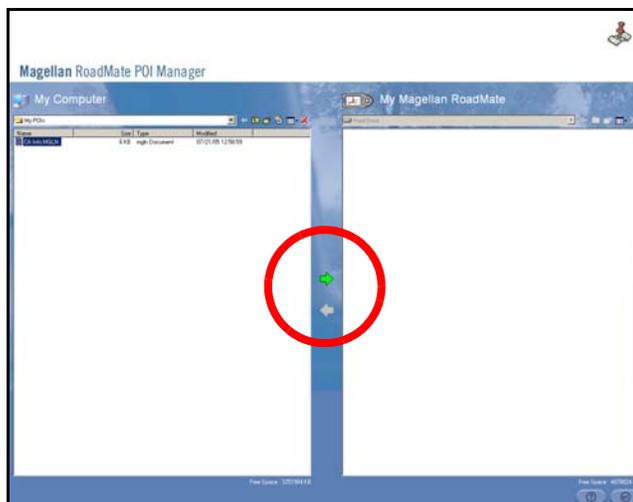


The left side of the window shows the contents of your computer and the right side of the window shows the contents of the Magellan CrossoverGPS.

### Opening a POI File

When you start the POI Manager the contents of your “My POI’s” folder will be displayed. This is the default location for storing custom POI files.

Locate the POI files you wish to load. When you have selected a file, the Copy To Unit arrow will turn green. Click on the arrow to copy the file to your Magellan CrossoverGPS.



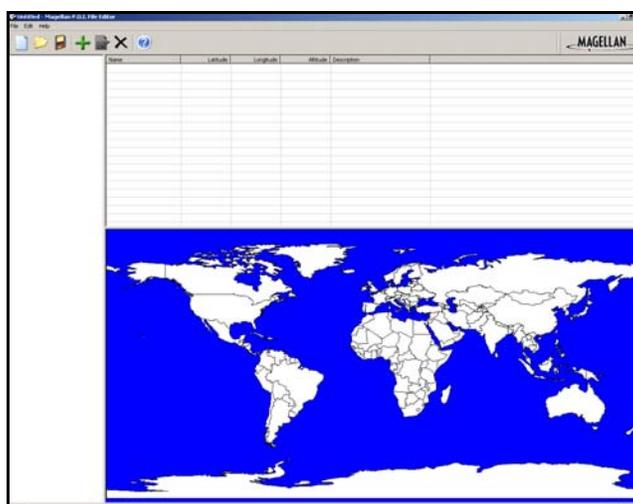
When you have finished copying files, remove the USB cable from the Magellan CrossoverGPS.

### Creating a New POI File

There are two ways to create a POI file. You can either add POI's individually, or you can import a character delimited file containing the information need to plot the POI's. To plot a POI, each item must have a name, longitude, and latitude. Longitude and latitude must be in decimal format.

### Adding Individual POI's

Click on the **New POI File** Button to launch the POI Editor.



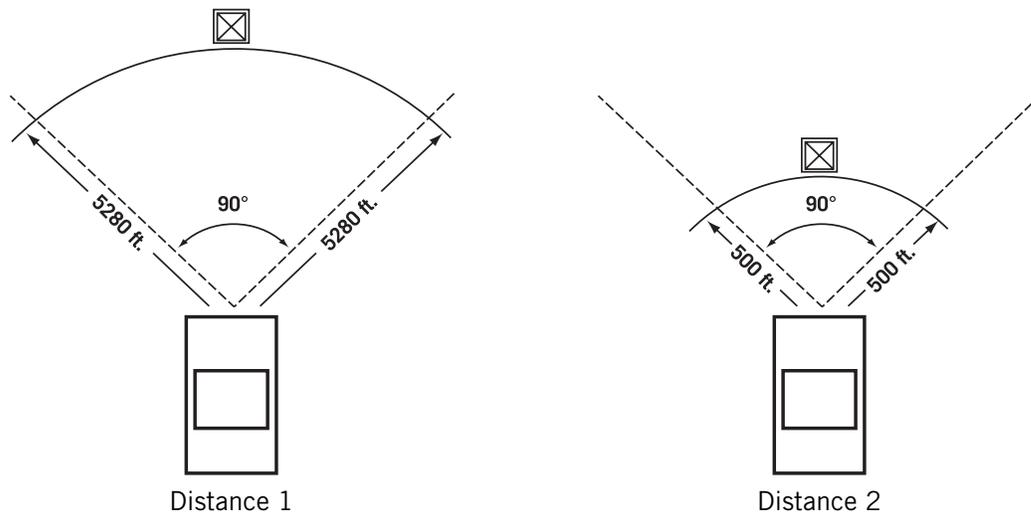
Click on the **Add** button



Enter the Name, the Latitude, and the Longitude. The Altitude and Description fields are optional.

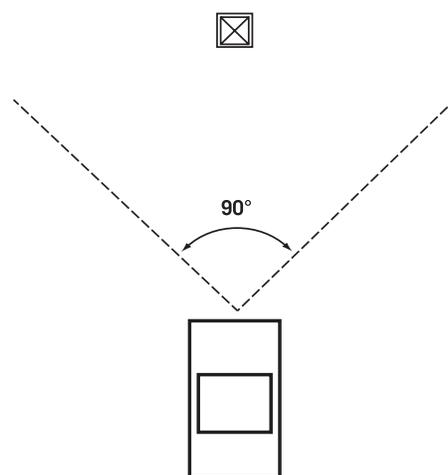
Select the Category field and select **New**. A dialog box will appear to create a new POI category. Enter the Name and assign an Image (icon) for the POI. The Description field is optional.

The Alert feature is an audible alarm that lets you know when you are within a certain distance from the POI. You can set an initial reminder (Distance 1), a secondary reminder (Distance 2).



Select your preferred unit or measure (Meters or Feet).

The Detection angle sets the range of alert in degrees from the POI.



Select Activate alert for this category to enable the alert settings.

When you have finished, select **OK**.

## Importing a Data File

The POI Manager software supports ASCII file format (.ASC,.CSV,.TXT); GPS Exchange file format (.GPS,.XML); Magellan Waypoint file format (.WPT,.RTE); and Garmin PCX5 Waypoint file format (.WPT,.RTE).

Click on the **Open** button  .

Select the file you wish to import and click **Open**.

Start by choosing which line in the data file to start importing data. If your data file has a header row, this row will generate an error so you should start at line two or below.

Next, choose how the data is separated and click on **Next**.

You now need to define the data columns. Click on the pull down menu and assign a field name to the appropriate column. Click on **Finish**.

Click on The **Save POI file** button. Assign a name to your file and click on **Save**.

Close the POI File Editor. Select the POI file you just created and click on the transfer button (right arrow) to upload the file to your Magellan CrossoverGPS.

# Magellan CrossoverGPS Music Manager

The Magellan CrossoverGPS Music Manager enables you to transfer song files in MP3 or WMA format from your computer to an optional SD memory card installed in your Magellan CrossoverGPS. The amount of music you can load depends on the size of the card.

Insert the memory card into the memory card slot. Turn on your Magellan CrossoverGPS by pressing and holding the Power button for approximately 2-3 seconds if in sleep mode. (Ten seconds if not in sleep mode.) When the Warning screen appears, insert the small end of the USB cable into the USB port on your Magellan CrossoverGPS and the large end into an available USB port on your computer.

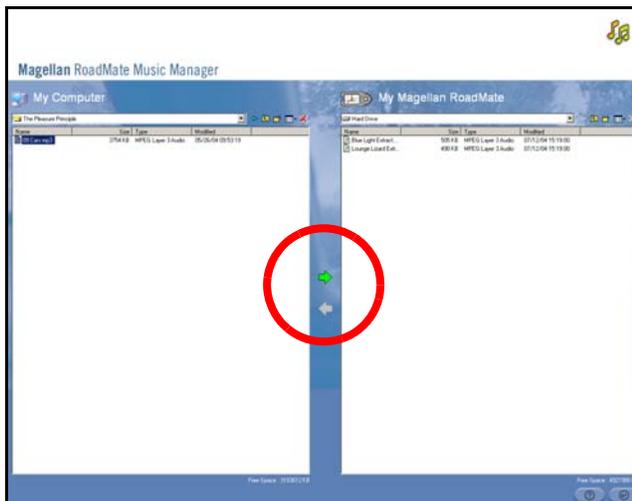
Launch the Magellan CrossoverGPS Tools application. From the Magellan CrossoverGPS Tools screen, click on **Music**.

The left side of the window shows the contents of your computer and the right side of the window shows the contents of the memory card installed in your Magellan CrossoverGPS.

Locate the song files you wish to load. When you have selected a file, the **Transfer** arrow will turn green. Click on the **Transfer** arrow to copy the file(s) to the memory card.

In the same way, if you have loaded song files onto a memory card from another computer, you can copy the files from the memory card to your computer.

When you have finished copying files, remove the USB cable from the Magellan CrossoverGPS.



# Magellan CrossoverGPS Photo Manager

The Magellan CrossoverGPS Photo Manager enables you to transfer image files in multiple formats from your computer to an optional memory card installed in your Magellan CrossoverGPS. The number of images you can load depends on the size of the card.

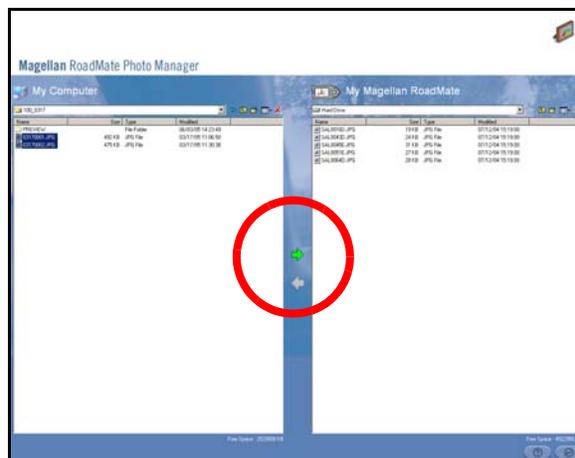
Insert the memory card into the memory card slot. Turn on your Magellan CrossoverGPS by pressing and holding the Power button for approximately 2-3 seconds (Ten seconds if the Magellan CrossoverGPS is not in sleep mode.) When the Warning screen appears, insert the small end of the USB cable into the USB port on your Magellan CrossoverGPS, and the large end into an available USB port on your computer.

Launch the Magellan CrossoverGPS Tools application. From the Magellan CrossoverGPS Tools screen, click on **Photo**.

The left side of the window shows the contents of your computer and the right side of the window shows the contents of the memory card installed in your Magellan CrossoverGPS.

Locate the image files you wish to load. When you have selected a file, the **Transfer** arrow will turn green. Click on the **Transfer** arrow to copy the file(s) to the memory card. In the same way, if you have loaded image files onto a memory card from another computer, you can copy the files from the card to your computer.

When you have finished copying files, remove the USB cable from the Magellan CrossoverGPS.



# Music Player

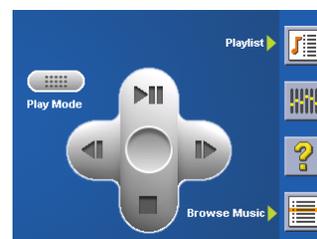
The Magellan CrossoverGPS Music Player enables you to play music files in MP3, or WMA format, stored on an optional memory card installed in your Magellan CrossoverGPS. If you have not already done so, you must install the Magellan CrossoverGPS Tools application and transfer files onto the card using the Magellan CrossoverGPS Music Manager.

Note: You must use the Magellan CrossoverGPS PC Tools to load music files onto the SD Card.

Press the **MENU** key on the Magellan CrossoverGPS and select the Music Player.



The Music Player control pad will appear.



## Single Song Play

Select **Browse Music**



Use the Navigation key or the Down arrow  to select the song file you wish to play and press **OK**.



The song will begin playing automatically.

At the top of the screen is displayed the name of the song, the artist (if available), the selected play mode, the elapsed time, and the song duration.

Press the **Play/Pause** button to suspend song play. To resume song play, press the **Play/Pause** button again.



Press the **Stop** button to stop song play. Once a song has been stopped, pressing the **Play/Pause** button will start the song from the beginning.

## Multiple Song Play

Multiple song play enables you to create a “playlist”. A playlist consists of one or more songs in a group that can be played continuously.

Select **Playlist**



The Playlist menu will appear. To exit from the playlist menu, select **ESC**.

### **Play**

To hear a previously created playlist, select **Play**.

Use the Up or Down arrow to select the desired playlist. Select **OK**.

The songs will begin playing automatically in order.



### **Create**

To make a new playlist, select **Create**.

Use the backspace key (<-) to erase the default name; and the keypad to enter a new name for your playlist. When you have finished, select **OK**.

The next screen to appear shows the song files stored on the memory card on the left side, and the playlist on the right side.

Use the arrow buttons on the left side of the screen to highlight the Music folder and then, select **List Files**.

Use the arrow buttons to highlight the song files you wish to add to the playlist. Select **Add to Playlist** (right arrow) to add the highlighted song to the playlist.

Continue adding files to the playlist. When you have finished, select **OK**.

### **Modify**

Modify enables you to add or remove songs from the selected playlist. Select **Modify**.

To remove a song from the playlist, use the arrow keys on the right side of the screen to highlight the desired song and then select **Remove From Playlist** (left arrow).

Use the arrow buttons on the left side of the screen to highlight the song files you wish to add to the playlist. Select **Add to Playlist** (right arrow) to add the highlighted song to the playlist.

Continue adding files to the playlist. When you have finished, select **OK**.

### **Delete**

To remove a playlist, select **Delete**.

Select the playlist you wish to delete and select **OK**.

A dialog box will appear asking to confirm your selection. Select **Yes** to delete the playlist.

## Rename

If you want to change the name of a playlist, select **Rename**.

Select the playlist you wish to rename and then, select **OK**.

Use the backspace key (<-) to erase the name; and the keypad to enter a new name for your playlist. When you have finished, select **OK**.

## Play Mode

While in single song play, select **Play Mode** for song play options.

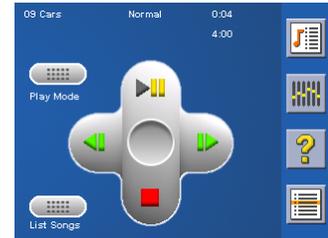
Repeat All - Repeats all the songs in the current playlist starting at the beginning of the order. This function works only if there are two or more songs in the playlist.

Repeat - repeats the song that is currently playing.

Preview - Plays the first five seconds of each song in the current playlist.

Normal - Plays all songs in the current playlist in order.

Random - Plays the songs in the current playlist in random order.



## List Songs

Select **List Songs** to view the current playlist.



## Equalizer

The Equalizer provides advanced sound options so you can customize the quality of the playback. The equalizer will only be available for MP3 format sound files. Select an equalizer preset from the following preconfigured options: Default (flat), Jazz, Classical, Rock, Techno, Dance Hall, Live, Full Bass, Full Treble, and Full Bass & Treble. You are not able to however, manually set the equalizer.

Select the **Equalizer**



Select the equalizer preset by pressing the button at the top of the screen



When you are satisfied with your selection, select **OK**. To exit without setting the equalizer, select **ESC**.

## Help

Select **Help**



for descriptions of the Music Player buttons.

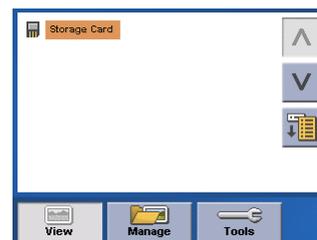
# Photo Viewer

The Magellan CrossoverGPS Photo Viewer enables you to view image files in JPG and BMP format, stored on an optional memory card installed in your Magellan CrossoverGPS. If you have not already done so, you must install the Magellan CrossoverGPS Tools application and transfer files onto the card using the Magellan CrossoverGPS Photo Manager.

Press the **MENU** key on the Magellan CrossoverGPS. Select the **Photo Viewer**



The Photo Viewer screen will appear. The Photo viewer will show the contents of the SD or MMC card installed in your Magellan CrossoverGPS.



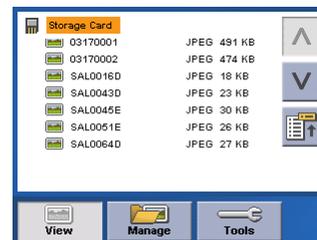
## View Single Photo

The next screen to appear shows the file structure of the memory card. Select **List Files**



Use the Navigation key or the Down arrow  to highlight the photo you wish to view and select **View**.

While viewing the image, double clicking on the image (that is tapping twice on the screen) will show the image in full screen. You can then cycle through the images by pressing left or right on the Navigation key.



**Previous Image (left arrow)** 

Press the right arrow button to view the previous image in the folder. This button is grayed out (not functional) when viewing the first image in the folder.

**Zoom**



Press the Zoom button to reduce or enlarge the current photo. The top of the zoom menu shows the current zoom level. Select another zoom level from the list of presets. Select Best Fit to adjust the zoom to fit within the display boundaries; select Actual Size to display the image at 100%; select 25% to 150% to reduce or enlarge the image to the preset level.

## **Slideshow**

Press the Slideshow button to cycle through all the photos in the Pictures folder automatically.

## **Pan**

If you enlarge an image beyond the screen boundaries, press the Pan button to enable image scrolling. While enabled, you can drag the image in any direction to view other areas of the image. Press the Pan button again to disable Pan mode.

## **Rotate Image**

Press the Rotate Image button to rotate the image 90° counterclockwise, 90° clockwise, or 180°.

## **Next Image (right arrow)**

Press the right arrow button to view the next image in the folder. This button is grayed out (not functional) when viewing the last image in the folder.

## **ESC**

Press **ESC** to return to the folder list.

## **Manage Photos**

### **List View**

Press List view to show the files in a hierarchal list view.

### **Thumbnail**

Press Thumbnail to show the files as thumbnails.

### **Rename**

To change the name of the selected file or folder, press Rename.

Use the backspace key (->) to erase the name; and the keypad to enter a new name for your file. When you have finished, select OK.

### **Properties**

To view information on the selected file or folder, press **Properties**. A thumbnail of the image will be displayed along with the width and height in pixels, the size, and the format



(image type). When viewing the properties for folders, width, height, and format are not shown. Size shown is the combined size of all images in the selected folder.

When you are finished viewing the properties, select **OK**.

## **Tools**

### ***Preferences***

General - The General preferences, you can set the default file view to either thumbnail or file list view.

Slideshow - The slideshow preferences enable you to set the view properties, the sequence of photos, the transition between photos, and the duration between photos.

Background - The background preferences enable you to set the color of the background behind the photo being viewed.

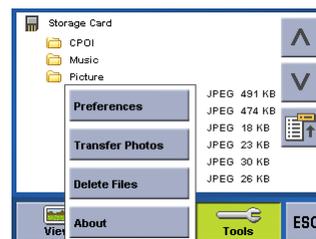
### ***Delete Files***

Use the arrow keys to select the file or folder you wish to delete. Press the **Delete** button (trash can).

A dialog box will appear asking to confirm your selection. Select **Yes** to delete the file.

### ***About***

This option will display the current version of the Photo Viewer software.



# Contact Information

If you need support for your Magellan CrossoverGPS and you wish to contact Magellan, please use the following information to direct your questions/comments to the proper person.

## Technical Support

If you need technical assistance or “how-to” help, or if you have a technical question about the functionality of your Magellan product, please contact us on the Internet at [www.magellanGPS.com](http://www.magellanGPS.com) or reach us by fax or by phone.

Our Technical Support phone representatives are available Monday through Friday, 6:00 a.m. to 5:00 p.m. PST/PDT. After hours, you may leave a detailed voice mail message that will be returned within the next business day.

Telephone: **(800) 707-9971** or **(909) 394-5000** (outside the United States)

You may also reach Technical Support by Fax: **(909) 494-7777** [Attn: Tech. Support]; or web URL: <http://www.magellanGPS.com/support/>.

## Warranty Service

To obtain warranty service on your Magellan CrossoverGPS, you must contact us for a return authorization (RA) before you ship the product. Packages arriving at our dock without an RA will be refused.

To obtain an RA, simply contact our Technical Support group at: Telephone: **(800) 707-9971** or **(909) 394-5000** (outside the United States); Fax: **(909) 394-7050** [Attn: Tech. Support]; or web URL: <http://www.magellanGPS.com/support/>.

## Customer Service

If you need to order accessories or obtain unlock codes, you can call our Customer Service Department Monday through Friday, 6:00 a.m. to 5:00 p.m. PST/PDT, or visit our Web site at [www.magellanGPS.com](http://www.magellanGPS.com).

Telephone: **(866) 339-0488** or **(909) 394-5000** (outside the United States).

## Registration

Please make sure to register your Magellan CrossoverGPS at [www.magellanGPS.com](http://www.magellanGPS.com). By registering, you will be informed of the latest product updates.