



# Magellan® eXplorist® 310

# User Manual

## Revisions

Initial Release	<del>BMW</del>	BMW / 201F	Initial release with basic functions

# Safety Warnings

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

## ***IN THE INTERESTS OF SAFETY, DO NOT USE THIS NAVIGATION DEVICE WHILE DRIVING A VEHICLE.***

Please do not try to change any settings on the Magellan eXplorist while driving. Come to a complete stop or ask a passenger make any changes. Taking your eyes off the road is dangerous and can result in an accident in which you or others could be injured.

## ***USE GOOD JUDGEMENT***

This product is an excellent navigation aid, but does not replace the need for careful orienteering and good judgement. Never rely solely on one device for navigating.

## ***USE CARE***

The Global Positioning System (GPS) is operated by the U.S. Government, which is solely responsible for the accuracy and maintenance of the GPS network. The accuracy of position fixes can be affected by the periodic adjustments to GPS satellites made by the U.S. government and is subject to change in accordance with the Department of Defence civil GPS user policy and the Federal Radionavigation Plan. Accuracy can also be affected by poor satellite geometry and obstructions, like buildings and large trees.

## ***USE PROPER ACCESSORIES***

Use only Magellan cables and antennas; the use of non-Magellan cables and antennas may severely degrade performance or damage the receiver, and will void the warranty.

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

## **Federal Communication Commission Interference Statement**

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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:**

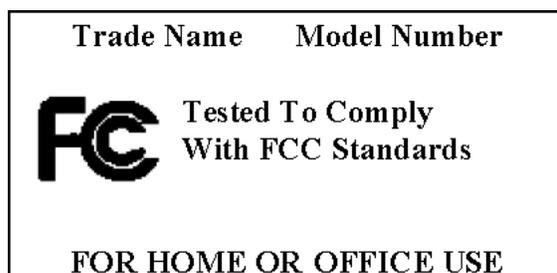
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### ***FCC Radiation Exposure Statement:***

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 aerial 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 eXplorist must be installed and operated at a distance no closer than 8 inches (20 cm) from the user. This Class B digital device meets all requirements of the Canadian Interference-Causing Equipment Regulations.

### ***IC statement***

Operation is subject to the following two conditions:

This device may not cause interference.

This device must accept any interference, including interference that may cause undesired operation of the device.

## **IMPORTANT NOTE:**

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### ***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.

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

Maximum normal use temperature is 66°C.

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# Table of Contents

<b>Using the Magellan eXplorer .....</b>	<b>1</b>
<b>Installing the Batteries .....</b>	<b>1</b>
<i>Replacing the Batteries .....</i>	<i>1</i>
<i>Setting the Battery Type .....</i>	<i>1</i>
<b>Powering the Magellan eXplorer.....</b>	<b>2</b>
<i>Turning the Receiver On.....</i>	<i>2</i>
<i>Turning Receiver Off.....</i>	<i>2</i>
<b>Conserving Power .....</b>	<b>2</b>
<i>Setting Active Suspend Timer.....</i>	<i>2</i>
<i>Setting Power OFF Timer.....</i>	<i>2</i>
<i>Setting Backlight Brightness .....</i>	<i>2</i>
<i>Setting Backlight Timer .....</i>	<i>3</i>
<b>Dashboard.....</b>	<b>3</b>
<i>Accessing the Dashboard .....</i>	<i>3</i>
<b>Main Menu .....</b>	<b>3</b>
<i>Accessing the Main Menu .....</i>	<i>3</i>
<b>Options Menu.....</b>	<b>3</b>
<b>The BACK Button .....</b>	<b>4</b>
<b>Entering Text and Numeric Data .....</b>	<b>4</b>
<b>Map Screen .....</b>	<b>5</b>
<b>Map Screen Overview.....</b>	<b>5</b>
<i>Changing Zoom Levels.....</i>	<i>5</i>
<i>Setting the Number of Data Fields.....</i>	<i>5</i>
<i>Customizing the Data Fields .....</i>	<i>5</i>
<i>Displaying a Compass on the Map Screen.....</i>	<i>5</i>

- Navigation Lines ..... 6**
  - Hiding/Showing Active Track ..... 6*
  - Clearing Active Track ..... 6*
  - Starting a New Track ..... 6*
  - Viewing Track Summary ..... 6*
  - Viewing an Overview of the Active Track ..... 6*

- Backtrack..... 6**
  - Creating a Backtrack Route ..... 6*

- Pan Mode ..... 7**
  - Accessing Pan Mode ..... 7*
  - Creating a Waypoint in Pan Mode..... 7*

- Maps ..... 7**
  - Accessing Loaded Maps ..... 7*

**Dashboard Screens ..... 9**

- Displaying the Dashboard Screen ..... 9*
- Changing the Dashboard Screen..... 9*
- Compass Screen ..... 9*
- Road Screen ..... 9*
- Strip Compass Screen ..... 9*
- Satellite Status Screen ..... 10*
- Altimeter Screen ..... 10*
- Data Only Screen ..... 10*

- Customizing Data Fields ..... 11**
  - Setting the Number of Fields Displayed ..... 11*
  - Changing Displayed Data ..... 11*

**Waypoints ..... 13**

- Accessing the Waypoint List..... 13*

<i>Sorting the Waypoint List</i> .....	13
<i>Searching for a Saved Waypoint</i> .....	13
<i>Editing a Saved Waypoint</i> .....	13
<i>Go to a Waypoint from the Waypoint Description</i> .....	14
<i>Viewing the Waypoint on the Map</i> .....	14
<i>Marking a Waypoint as a Favorite</i> .....	14

## **Waypoints and the Map Screen** ..... 14

<i>Creating a Waypoint while Panning</i> .....	14
<i>Saving Your Current Location as a Waypoint</i> .....	14

## **Waypoint Projection** ..... 14

<i>Projecting a Waypoint</i> .....	14
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# **Geocaches** ..... 15

## **Installing Geocaches (Send to GPS)** ..... 15

<i>Installing Geocaches with 'Send to GPS' (List Page)</i> .....	15
<i>Installing Geocaches with 'Send to GPS' (Detail Page)</i> .....	16

## **The Magellan Communicator** ..... 17

<i>Direct installation of the Magellan Communicator from <a href="http://www.magellangps.com">www.magellangps.com</a></i> .....	17
<i>Installing Geocaches (Drag n Drop)</i> .....	17
<i>Installing Geocaches with Drag 'n Drop</i> .....	17

## **Geocache List**..... 18

<i>Accessing the Geocache List</i> .....	18
<i>Sorting the Geocache List</i> .....	18
<i>Searching for a Saved Geocache</i> .....	18
<i>Go to a Geocache on the Geocache List</i> .....	18
<i>Editing a Stored Geocache</i> .....	18
<i>Adding/Editing/Deleting a Field Note</i> .....	18
<i>Go to a Geocache from the Geocache Description</i> .....	19
<i>Viewing the Geocache on the Map</i> .....	19

<i>Go to a Geocache While Viewing on the Map</i> .....	19
<i>Marking a Geocache as a Favorite</i> .....	19
<b>Adding a Geocache</b> .....	19
<i>Saving Your Current Location as a Geocache Waypoint</i> .....	19
<b>Geocache Summary</b> .....	19
<i>Accessing the Geocache Summary</i> .....	19

## **Points of Interest (POI) ..... 21**

<b>Accessing POIs</b> .....	21
<i>Finding a POI by Category</i> .....	21
<i>Finding a POI Using Search by Name</i> .....	22
<i>Creating a Route to a POI</i> .....	22
<i>Viewing POI Details</i> .....	22

## **eXplorist Tools ..... 23**

<b>The Tools Menu</b> .....	23
<i>Accessing the Tools Menu</i> .....	23
<b>Settings</b> .....	23
<i>Accessing Receiver Settings</i> .....	23
<b>Track Summary</b> .....	23
<i>Viewing Track Summary</i> .....	23
<b>Geocache Summary</b> .....	23
<i>Viewing Geocache Summary</i> .....	23
<b>Waypoint Projection</b> .....	23
<i>Projecting a Waypoint</i> .....	23
<b>Best Fishing &amp; Hunting Times</b> .....	24
<i>Using Best Fishing &amp; Hunting Times</i> .....	24
<b>Sun &amp; Moon Rising and Setting Times</b> .....	24
<i>Using Sun &amp; Moon Times</i> .....	24

<i>Help</i> .....	24
<i>Accessing Help Files</i> .....	24
<i>Play Product Demo</i> .....	24
<i>Accessing the Product Demo</i> .....	24
<i>Stopping the Product Demo</i> .....	24
<i>Screen Capture</i> .....	24
<i>Activating Screen Capture</i> .....	24
<i>Owner Information</i> .....	24
<i>Setting Owner Information</i> .....	24

## **Settings..... 25**

<b>The Settings Menu</b> .....	<b>25</b>
<i>Accessing the Settings Menu</i> .....	25

### **Settings..... 25**

<i>Brightness and Volume</i> .....	25
<i>Adjusting Brightness</i> .....	25
<i>Setting the Backlight Timer</i> .....	25
<i>Adjusting Volume</i> .....	25
<i>Muting the Volume</i> .....	25
<i>Power</i> .....	25
<i>Setting Active Suspend Timer</i> .....	25
<i>Setting Power Off Timer</i> .....	25
<i>Selecting Battery Type</i> .....	25
<i>Date and Time</i> .....	26
<i>Selecting the Date Format</i> .....	26
<i>Selecting the Time Format</i> .....	26
<i>Selecting the Calendar Format</i> .....	26
<i>Selecting the Time Zone (Auto or Manual)</i> .....	26
<i>Maps</i> .....	26
<i>Selecting Map</i> .....	26
<i>Map Options</i> .....	26

<b>Setting Map View (2D or 3D)</b> .....	<b>26</b>
<b>Setting Map Orientation</b> .....	<b>26</b>
<b>Setting the Number of Map Fields</b> .....	<b>26</b>
<b>Defining Quick Info Details</b> .....	<b>26</b>
<b>Toggling Position Destination Lines (On/Off)</b> .....	<b>26</b>
<b>Toggling Origin Destination Lines (On/Off)</b> .....	<b>26</b>
<b>Toggling Track Lines (On/Off)</b> .....	<b>27</b>
<b>Setting Map Detail Level</b> .....	<b>27</b>
<b>Toggling Topo Lines (On/Off)</b> .....	<b>27</b>
<b>Setting Shaded Relief Level</b> .....	<b>27</b>
<b>Setting Geocache Waypoints Display Criteria</b> .....	<b>27</b>
<b>Setting Waypoint Display Style</b> .....	<b>27</b>
<b>Toggling POI Waypoints (On/Off)</b> .....	<b>27</b>
<b>Selecting Current Location Icon</b> .....	<b>27</b>
<b>Toggling Auto Zoom (On/Off)</b> .....	<b>27</b>
<b>Map Draw Mode</b> .....	<b>27</b>
<b>Units (Units of Measure)</b> .....	<b>27</b>
<b>Setting Distance Units of Measure</b> .....	<b>27</b>
<b>Setting Speed Units of Measure</b> .....	<b>27</b>
<b>Setting Elevation Units of Measure</b> .....	<b>28</b>
<b>Setting Area Units of Measure</b> .....	<b>28</b>
<b>Tracks</b> .....	<b>28</b>
<b>Setting Track Logging Mode</b> .....	<b>28</b>
<b>Alarms</b> .....	<b>28</b>
<b>Setting the Off Course Alarm</b> .....	<b>28</b>
<b>Toggling Arrival Alarm</b> .....	<b>28</b>
<b>Defining the Arrival Alarm</b> .....	<b>28</b>
<b>Setting the Waypoint Proximity Alarm</b> .....	<b>28</b>
<b>Night Mode</b> .....	<b>28</b>
<b>Setting Night Mode Use</b> .....	<b>28</b>
<b>Joystick Functions</b> .....	<b>28</b>
<b>Assigning Joystick Functions</b> .....	<b>28</b>
<b>Compass</b> .....	<b>28</b>

<i>Assigning Compass Graphic</i> .....	28
<i>Background</i> .....	29
<i>Satellite</i> .....	29
<i>Viewing the Satellite Status Screen</i> .....	29
<i>GPS</i> .....	29
<i>Turning the GPS Receiver On/Off</i> .....	29
<i>Navigation</i> .....	29
<i>Setting Primary Coordinate System</i> .....	29
<i>Setting Primary Coordinate Type</i> .....	29
<i>Setting Primary Coordinate Accuracy</i> .....	29
<i>Setting Primary Coordinate Datum</i> .....	29
<i>Setting Secondary Coordinate System</i> .....	29
<i>Setting Secondary Coordinate Type</i> .....	29
<i>Setting Secondary Coordinate Accuracy</i> .....	29
<i>Setting Secondary Coordinate Datum</i> .....	29
<i>Selecting North Reference</i> .....	29
<i>Setting Altimeter Source</i> .....	29
<i>Memory</i> .....	30
<i>Clear Memory from Device</i> .....	30
<i>Restoring Factory Defaults</i> .....	30
<i>Connectivity</i> .....	30
<i>Setting Receiver Connectivity</i> .....	30
<i>Diagnostics</i> .....	30
<i>Running the Audio Test</i> .....	30
<i>Running the Video Test</i> .....	30
<i>Running the Keypad Test</i> .....	30
<i>Language</i> .....	30
<i>Selecting Language</i> .....	30
<i>Product Information</i> .....	30
<i>Viewing the Receiver Serial Number</i> .....	30
<i>Viewing the SW Version, EULA or Copyright Information</i> .....	30

# Using the Magellan eXplorist

The Magellan eXplorist GPS receiver is designed to be easy enough for the casual 'explorer' as well as having all of the advance features the 'enthusiast' requires. This chapter provides information on the basics of using the Magellan eXplorist GPS receiver.

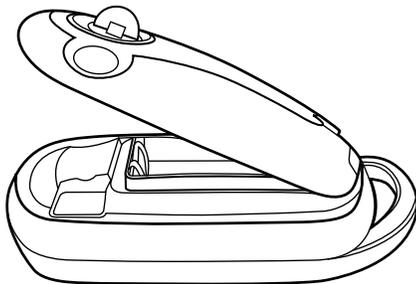
Use of the Joystick to Select or ENTER. Throughout this manual you will be asked to 'select' a button or icon. This is done by using the joystick (left, right, up, down) to highlight the item on the display. Pressing down on the joystick provides the ENTER command to the receiver.

## Installing the Batteries

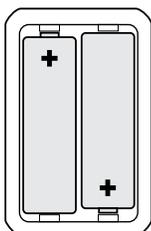
The Magellan eXplorist GPS receiver uses two AA batteries that provides 16 hours of normal use. (See the section on Power Settings for details as to how to extend the battery life.) Lithium, alkaline or rechargeable batteries can be used but both batteries need to be of the same type and should be defined in the Tools > Power function in the receiver (see Setting Battery Type).

### Replacing the Batteries

1. Remove the battery door by raising the arm on the battery door lock and turning it counter clockwise for one-quarter of a turn.
2. Remove the battery door. The battery door pivots from the bottom. The pivot points will release when the top of the battery door is being raised.



3. Install two AA batteries as shown.



4. Replace the battery door by first aligning the pivot tabs at the bottom of the door with the receiver.
5. Lower the battery door until it seats firmly against the receiver. (Note: you may need to turn the battery door lock counter clockwise to allow the door to seat against the back of the receiver.)
6. Turn the battery door lock clockwise, locking the door in place.

### Setting the Battery Type

1. With the receiver on and the Map screen displayed, press the **BACK** button.
2. The Menu screen is displayed. Use the joystick to highlight the Tools icon. Press the joystick to Enter.



3. Select Settings (use the joystick to highlight Settings and press the joystick for Enter.)
4. Select Power.
5. Select Battery Type. A drop-down menu is displayed.
6. Select the type of battery installed; Alkaline, Rechargeables or Lithium.
7. Use BACK button to return to the Menu screen.

8. Select the Map icon to return to the Map screen.

## Powering the Magellan eXplorist

### Turning the Receiver On

The power button is recessed and requires that you hold it down for 2 seconds to prevent accidental power on.

1. Press and hold the Power button (top left of the receiver) for 2 seconds.

### Turning Receiver Off

When turning the receiver off you have two options, Suspend, Sleep or Power OFF.

**Suspend:** Turns off the receiver display but the GPS information will continue updating. Also if you have an alarm set, it will continue to alert you at the appropriate times. Use the Power button to active the display while suspended.

**Sleep:** (Option is displayed only when an alarm is set.) Turns off the display and the GPS receiver but alarms will continue to function, providing alerts for the current alarm settings. Use the Power button to active the display and GPS while asleep.

**Power OFF.** Shuts the receiver off completely.

1. Press the Power button.
2. Select Suspend, Sleep (when available), or Power OFF.



**Warning:** Use caution when setting the receiver in Suspend or Sleep mode. The receiver will appear off but is still using battery power. Be sure to turn the receiver off using Power OFF whenever not in use.

## Conserving Power

The Magellan eXplorist can be customized to extend the battery life of the AA batteries installed. There are four functions, (Backlight Timer, Brightness, Active Suspend Mode, and Power OFF Timer) that can be set to help extend battery life.

### Setting Active Suspend Timer

This option sets the time duration that if the display is not touched that the receiver will automatically go into Suspend Mode. Press the Power button to exit Suspend Mode.

1. With the receiver on and the Map screen displayed, press the BACK button.
2. Select the Tools icon at the bottom of the display.
3. Select Settings.
4. Select Power.
5. Select Active Suspend Timer. A drop-down menu is displayed.
6. Select the duration that the receiver will automatically go into suspend mode when the display is not touched.

### Setting Power OFF Timer

This option sets the time duration that the receiver will power off if the display is not touched. (Useful for times when you forget that you set the receiver in suspend or sleep mode.)

1. With the receiver on and the Map screen displayed, press the BACK button.
2. Select the Tools icon at the bottom of the display.
3. Select Settings.
4. Select Power.
5. Select Power OFF Timer. A drop-down menu is displayed.
6. Select the duration that the receiver will automatically power off when the display is not touched.

### Setting Backlight Brightness

The receiver backlight is one of the primary drains on the battery life. Setting the brightness to about 40% and the backlight timer to 1 minute provides a good user experience as well as extends the battery life.

1. With the receiver on and the Map screen displayed, press the BACK button.
2. Select the Tools icon at the bottom of the display.
3. Select Settings.

4. Select Brightness & Volume.
5. Select the Brightness slider to set the desired backlight brightness.

### Setting Backlight Timer

This option sets the time duration that the backlight will turn off if the displayed is not touched. Touch the display to restore the backlight.

1. With the receiver on and the Map screen displayed, press the BACK button.
2. Select the Tools icon at the bottom of the display.
3. Select Settings.
4. Select Brightness & Volume.
5. Select the Backlight Timer. A drop-down menu is displayed.
6. Select the duration that the backlight will turn off when the display is not touched.

### Dashboard

The Dashboard is an optional navigation screen that can be used in conjunction with the Map screen. There are eight different dashboard styles that can be selected. (See the chapter on the Dashboard screen for additional information.)

### Accessing the Dashboard

1. With the receiver on and the Map screen displayed, press the BACK button.
2. Select the Dashboard icon.



**Note:** The icon displayed changes to reflect the type of dashboard being used.

### Main Menu

The Main Menu provides access to the Map screen, waypoint tools, track tools, geocaches, route tools, address book, POI and media tools. The Main Menu is also provides access to the eXplorer tools and settings.

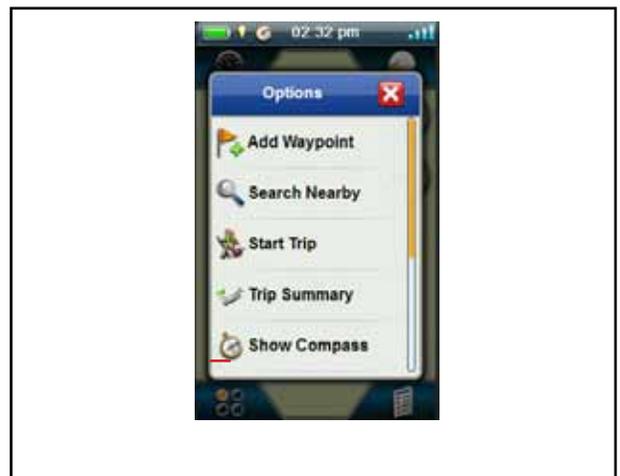


### Accessing the Main Menu

1. With the receiver on and the Map screen displayed, press the BACK button.

### Options Menu

The Options Menu can be found on many screens in the lower right corner of the display. This menu provides quick access to the most commonly used functions associated with the screen being displayed.



## The BACK Button

The BACK button is used to access the previously viewed screen unless you are viewing the Map screen and then it is used to access the Main Menu.

## Entering Text and Numeric Data

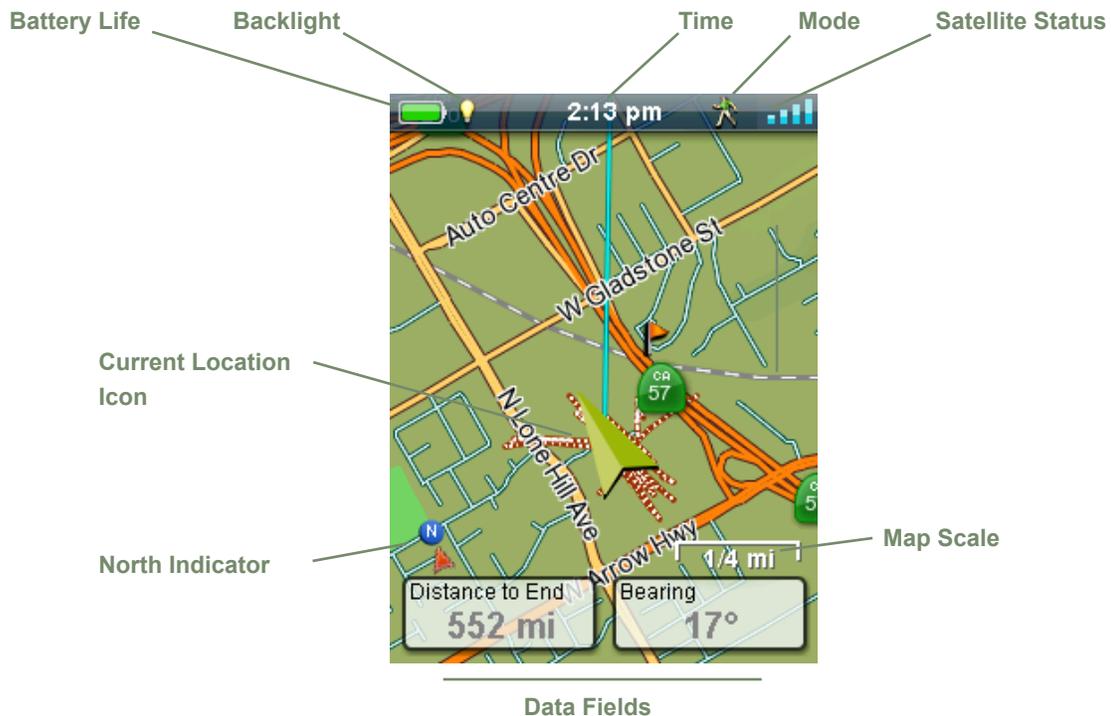
Entering text and numbers is done by the use of a displayed keyboard.



Accessing the different keyboard layouts is done by Selecting on the left or right arrows.	
Uppercase characters can also be used by Selecting the shift key.	
Entering a space is done using the space bar key.	
To backspace, Select the backspace key.	
To save the text entered, Select the green accept button.	
To cancel and return to the previous screen Select the back button.	

# Map Screen

The Map screen will be the screen you most commonly use and a good understanding of its workings will enhance your experience with the Magellan eXplorist. The Map screen can be displayed in two modes, Navigate and Pan. In Navigate Mode your current location is displayed along with a graphical indication of where you've travelled (track) and information about where you are going (route). In Pan Mode you can 'pan' around the map looking for places to go or places to create a waypoint.



## Map Screen Overview

### Changing Zoom Levels

1. Use the Zoom + or the Zoom - buttons to change the zoom level.
2. The map scale will change and can be identified by the map scale in the lower right portion of the map.

NOTE: If you are in a route the map scale can change automatically to a scale that best displays the route. You can turn autoscale off in Tools > Settings > Map Options.

### Setting the Number of Data Fields

1. Press MENU button while viewing the Map screen.
2. Select **Edit # of Fields....**

3. Use the joystick to set the number of data fields.
4. Press BACK to finish.

### Customizing the Data Fields

1. Press MENU button while viewing the Map screen.
2. Select **Edit Nav Fields.**
3. Select the Data Field to be customized.
4. Select on the data type field from the list displayed.
5. Use the BACK button to exit.

### Displaying a Compass on the Map Screen

1. Press MENU button while viewing the Map screen.
2. Select **Show Compass.**

## Navigation Lines

Navigation lines are displayed on the map providing you with route destination indicators and active track.

	<b>Active Track.</b> Displays a history of your travels when you are routing to a destination.
	<b>Active Track.</b> Displays a history of your travels when you are <b>not</b> routing to a destination.
	<b>Origin Destination Line.</b> Originally computed route from point of origin to your destination.
	<b>Route Line.</b> Computed multi-leg route.
	<b>Point Destination Line.</b> Guidance from your current position to the destination.

### Hiding/Showing Active Track

1. Press the BACK button while viewing the Map screen.
2. Select on the Tracks icon.
3. Press the MENU button.
4. Select **Hide Active Track** or **Show Active Track**.

### Clearing Active Track

1. Press the BACK button while viewing the Map screen.
2. Select on the Tracks icon.
3. Press the MENU button.
4. Select **Clear Active Track**.

### Starting a New Track

1. Press the BACK button while viewing the Map screen.
2. Select **Start**. (If a track is already being saved, you will need to select the **Save** icon first.)
3. Confirm that you want to delete the current active track and start a new track.

This track can be paused/restarted and saved to the receiver.

### Viewing Track Summary

1. Press the MENU button while viewing the Map screen.
2. Select **Track Summary**.
3. A summary of the current track is displayed.

### Viewing an Overview of the Active Track

1. Press the MENU button while viewing the Map screen.
2. Select **Active Track Area**.
3. The Map screen is scaled to display the entire area covered by the active track. The top of the display provides information about the area and the perimeter that the track covers.

## Backtrack

You can use the track of your current travels to navigate back to your point of departure by creating a Backtrack route. This will provide you with the information needed to travel back to where you started following the same path used to get where you are.

### Creating a Backtrack Route

1. Press the MENU button while viewing the Map screen.
2. Select **Backtrack**.

## Pan Mode

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### **Accessing Pan Mode**

1. Use the joystick to move the cursor while viewing the Map screen.
2. The Map screen goes into pan mode.
3. Keep using the joystick to display a point that you would like to create a route to or a make a waypoint.

Using the Zoom In and Zoom Out buttons will help you pick the location quickly and accurately.

### **Creating a Waypoint in Pan Mode**

1. Select on the map the point at which you want to create a waypoint.
2. Press MENU.
3. Modify and save the waypoint as described in the chapter on *Waypoints*.

## Maps

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Additional maps for the eXplorist may be available from the Magellan Store at [www.magellangps.com](http://www.magellangps.com). Once the map has been purchased and installed you will need activate it in your receiver.

### **Accessing Loaded Maps**

1. Press MENU while viewing the Map screen.
2. Select **Maps**.
3. Choose World Maps or Detailed Maps to see the individual maps installed.
4. If the map has a checkmark before its name it has been activated and is in use by your receiver. You can toggle the map on or off by selecting on the check mark box to the left of the map name.
5. Select the map name to get more detailed information about the map that is installed.

# Dashboard Screens

The Dashboard provides a secondary screen that can be used to assist you in your travels. There are nine screens, most of them customizable, that you can select from.

## Accessing the Dashboard

### Displaying the Dashboard Screen

1. While viewing the Map screen, press BACK.
2. Select the Dashboard icon.
3. The currently chosen Dashboard screen is displayed.

### Changing the Dashboard Screen

1. Access the Dashboard screen.
2. Press MENU.
3. Select **Switch Dashboard**.
4. Select the icon of the Dashboard screen you want to display.

## Types of Dashboard Screens

### Compass Screen



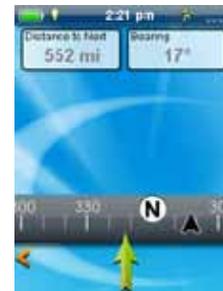
The Compass screen displays a recognizable compass that can be used to display your heading and your heading's relation to the sun, moon and your destination (black arrow). The data fields at the top of the display are customizable (see *Customizing the Data Fields*). The graphic displayed that is used for the compass is customizable as well.

### Road Screen



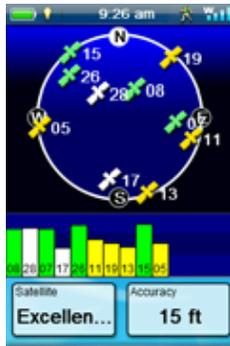
The Road screen displays a graphical road with a strip compass above the road. This compass displays your heading and your heading's relation to the sun, moon and your destination (black arrow) when they are within 50 degrees on either side of your heading. The data fields at the top of the display are customizable (see *Customizing the Data Fields*).

### Strip Compass Screen



The Strip Compass screen displays a strip compass (similar to the Road screen but the Strip Compass screen provides more room for additional data fields). This compass displays your heading and your heading's relation to the sun, moon and your destination (black arrow) when they are within 50 degrees on either side of your heading. The orange arrows under the strip compass will show which way to turn to head towards your destination. The data fields at the top of the display are customizable (see *Customizing the Data Fields*).

### Satellite Status Screen



The Satellite Status screen displays a graphical representation of the satellites overhead in relation to you current location (the center of the circle). The color of the satellite graphics, as well as the bar graph, indicate the signal strength of the signals being received. The numbers indicate the assigned satellite designation. The data fields at the bottom of the display are customizable (see *Customizing the Data Fields*).

### Altimeter Screen



The Altimeter Screen displays detailed elevation information using the GPS signal. The area on the graph can be expanded by selecting the icon in the lower right corner and defining the area to be used. Also a line can be moved along the graph to pinpoint an exact point on the graph and display detailed information on that point.

### Dashboard Screen



The Dashboard Screen displays a small compass and up to eight customizable data fields. The data fields displayed are customizable (see *Customizing the Data Fields*).

### Data Only Screen



The Data Only Screen displays the most number of data fields available to be viewed at one time in the receiver. Up to 12 customizable data fields can be viewed at one time. The data fields displayed are customizable (see *Customizing the Data Fields*).

## Customizing Data Fields

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### ***Setting the Number of Fields Displayed***

1. Access the Dashboard screen you want to change the number of displayed fields.
2. Press MENU.
3. Select **Edit # of Fields**. (Not available on the Satellite Status screen.)
4. The current number of fields being displayed is shown with an arrow above and below it.
5. Use the joystick up or down to change the number of fields to be displayed. (Note: it stops increasing when it gets to the maximum number of fields available for the viewed dashboard screen. The number of displayed fields can be set to 0 except for the Data Only screen which has a minimum of 1.)

### ***Changing Displayed Data***

1. Access the Dashboard screen you want to change the data displayed.
2. Press MENU.
3. Select **Edit Nav Fields**. (Not available on the Satellite Status screen.)
4. Select the type of data to be displayed from the displayed list.
5. The Dashboard screen is displayed with the data selected displayed.

# Waypoints

Waypoints are fixed locations with a specified longitude and latitude that can be saved to your receiver. Waypoints can mark a destination, a point along the way to a destination, or a point of reference. In the eXplorist receiver you can edit saved waypoints with unique names and descriptive icons to help you identify the waypoint from a list or on the map.

## The Waypoint List

### Accessing the Waypoint List

1. From the Map screen press BACK.
2. Select the Waypoints icon. All the waypoints you have saved will be displayed as a list.



### Sorting the Waypoint List

1. Access the Waypoint list.
2. Press MENU.
3. Select **Sort & Search**.
4. Select sort by **Nearest, Date Created, Type** or **Name**.  
Use the Show drop-down menu to select **All** or just show **Favorites**.
5. Select the Back button to return to the list of waypoints.

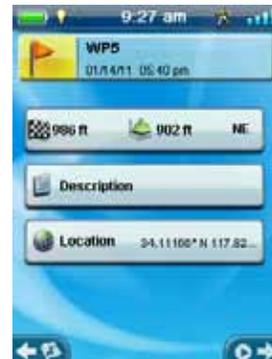
### Searching for a Saved Waypoint

1. Access the Waypoint list.
2. Press MENU.
3. Select **Sort & Search**.
4. Select the **Search by Name** button.

5. Use the keyboard to enter the first few characters of the waypoint name being searched.
6. Select the green checkmark.
7. The Waypoint List is displayed with the results of the search.

### Editing a Saved Waypoint

1. Access the Waypoint list.
2. Select the name of the waypoint to be edited.
3. The Waypoint Description page is displayed.



**Icon:** Select the waypoint icon to select a new icon.

**Name:** Select the waypoint name and enter a new name using the keyboard.

**Description:** Select the **Description** button. Select the screen below the Description button. Use the keyboard to enter a description for the waypoint. Select the Back icon when done.

**Location:** Select the **Location** button. Select the Primary or Secondary coordinates fields. Select the coordinated to be changed and use the keyboard to enter the new values.

### ***Go to a Waypoint from the Waypoint***

#### ***Description***

1. Access the Waypoint list.
2. Select the name of the waypoint to be routed to.
3. Press MENU.
4. Select **GO**.

### ***Viewing the Waypoint on the Map***

1. Access the Waypoint list.
2. Select the name of the waypoint to be viewed.
3. The Waypoint Description page is displayed.
4. Press MENU.
5. Select **View on map**.

### ***Marking a Waypoint as a Favorite***

1. Access the Waypoint list.
2. Select the name of the waypoint to be added to your Favorites list.
3. Press MENU.
4. Select **Favorite**.
5. The Waypoint Description page is displayed with a yellow star added to the icon in the upper left corner indicating that this waypoint is part of your favorites.

## **Waypoints and the Map Screen**

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Waypoints can be viewed on the Map screen using the default icon or the icon you select while editing the waypoint.

### ***Creating a Waypoint while Panning***

1. Select the Map screen.
2. Use the joystick to move the cursor.
3. This will put the Map into Pan mode. Keep using the joystick in the direction of the map you want to go to. Using the zoom buttons will assist in getting to the desired point quickly and accurately.
4. When you can see the point on the map you want to create a waypoint for, press the MENU button.
5. Select **Add Waypoint**.
6. The *Waypoint Description* page is displayed.

7. Edit the waypoint as needed.
8. Select the Disk icon.
9. Select **Save as Waypoint**.
10. Confirm the save.

### ***Saving Your Current Location as a Waypoint***

1. While viewing the Map screen press MENU.
2. Select **Add Waypoint**.
3. Edit the waypoint as desired.
4. Select the Disk icon at the bottom of the display.
5. The waypoint is saved and you are returned to the Map screen.

## **Waypoint Projection**

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A waypoint can also be created by entering the distance and heading for the waypoint from your current location.

### ***Projecting a Waypoint***

1. Select the Map screen.
2. Select the Main Menu icon in the lower left corner.
3. Select the Waypoints icon.
4. From the *Waypoint List* press the MENU button.
5. Select **Add Waypoint**.
6. Select **Projection**.
7. Select the Bearing field. Use the keypad to enter the degrees that the projected waypoint is from your current position.
8. Select **OK**.
9. Select the Distance field. (Note that you can Select the units of measure drop-down menu to change the units to be used.
10. Use the keypad to enter the distance from your current location that you want to project a waypoint.
11. Select **OK**.
12. Select **Next>**.
13. The *Waypoint Description* page is displayed. Make the necessary edits and Select the Disk icon at the bottom to save.

# Geocaches

Geocaching is an outdoor activity that uses your receiver to find hidden treasures (geocaches) that can be placed anywhere in the world. A typical cache is a small, waterproof container containing a logbook and “treasure”.

The Magellan eXplorist receiver is designed to connect with millions of passionate adventure seekers at [www.geocaching.com](http://www.geocaching.com). Geocaching.com is the premier website for organizing the world’s geocaches. Whether you want to learn about geocaching, hide or seek a cache, log your experiences, or find out about a local geocaching event, Geocaching.com is your one-stop shop for all things geocaching! No need to worry about clumsy data conversion as the eXplorist receiver connects seamlessly with the website for popular features such as Send to GPS, Upload Field Notes, and transfer Pocket Queries.

## Installing Geocaches (Send to GPS)

### Installing Geocaches with ‘Send to GPS’ (List Page)

1. Go to [www.geocaching.com](http://www.geocaching.com) on your browser.
2. Use the search tools on [geocaching.com](http://www.geocaching.com) to view a list of geocaches.

Icons	(D/T)	Placed	Description	Last Found
NW 0.3mi	(1.5/1.5)	20 Feb 07	<a href="#">Is it a Lampost or?</a> by K8CCC - 3m (GC1113A) California	16 Mar 10
SW 0.2mi	(1/1.5)	22 Aug 08	<a href="#">San Dimas Easy</a> by San Dimas Cachers (GC1FGDZ) California	21 Mar 10
NW 0.3mi	(1.5/1.5)	14 Feb 10	<a href="#">SD Cachers #1</a> by San Dimas Cachers (GC232BH) California	18 Mar 10
NE 0.3mi	(2/2)	29 Feb 06	<a href="#">VIEW OF THE BIRDS</a> , by UNCLEJON91 (JONED1) (GC19CVD) California	28 Feb 10
NE 0.3mi	(1.5/1.5)	29 Feb 06	<a href="#">NOT YET... NOW</a> by UNCLEJON91 (JONED1) (GC19T0G) California	16 Mar 10

3. In the row indicated above with the red box, click on the ‘Send to GPS’ icon which opens the “Send to GPS” window.
4. Select the Magellan tab in the “Send to GPS” window.
5. The Send to GPS function first detects if you have the Magellan Communicator installed. If not, the message “Magellan Communicator not found...” appears. Select the “click here” link to install the Magellan Communicator. The

Magellan Communicator only needs to be installed the first time a connection is made between an internet browser and the receiver.

6. Click on the “Download” button.
7. The geocache selected is uploaded to your GPS receiver and can be accessed from the Geocaches function of the Main Menu on your receiver.



If these buttons are greyed out, check to see if your browser is requesting you to run Active X.



## The Magellan Communicator

The Magellan Communicator is used to communicate between geocaching.com and your Magellan GPS receiver. You can install the plug-in by using the steps above or by going to the Magellan web site as explained here.

### **Direct installation of the Magellan Communicator from [www.magellangps.com](http://www.magellangps.com)**

1. Go to [www.magellangps.com](http://www.magellangps.com) and click on the "Products" tab.
2. Select "Maps & Software".
3. In the software section, select "Magellan Communicator".
4. On the Magellan Communicator page ([www.magellangps.com/products/map.asp?tab=0&PRODID=2301](http://www.magellangps.com/products/map.asp?tab=0&PRODID=2301)) select the Download button.
5. When the download is complete, run the Magellan Communicator file to install the drivers. (If you get a Security Warning, press 'Run' to continue.)
6. When the Installation Wizard is done installing the files, select 'Finish' to complete the installation.

### **Installing Geocaches (Drag n Drop)**

Users of geocaching.com who are not premium members will have the 'GPX eXchange File' button greyed out. It is recommended that non-premium members use the "Send to GPS" button but it is also possible to save the geocache as a LOC Geocache File.

### **Installing Geocaches with Drag 'n Drop**

1. Go to [www.geocaching.com](http://www.geocaching.com) on your browser.
2. Use the search tools on geocaching.com to select a geocache to load.
3. Click on the "GPX eXchange File" button.
4. Files are saved to your computer with the filename <GeocacheID>.gpx. The Geocache

ID can be found in the upper right corner of the web page describing the geocache.

5. A "Save File" dialog window will open on your computer. Save the file to your computer. (The location of where the file is saved will depend on your browser and how you have it set up to save files.)
6. Turn your receiver on and connect it to your PC with a USB cable.
7. Select "Connect to PC" on your receiver.
8. (You don't need to do one geocache at a time as explained above. Continue saving geocache files until you have all you want for this session.)
9. Open the "MAGELLAN" device that has been installed on your computer.



10. Open the "Geocaches" folder in the MAGELLAN directory.
11. Drag the GPX file (GC1FGDZ.gpx in this example) to the Geocaches folder in your receiver.
12. The geocache (or geocaches) are loaded in your receiver and can be found from the Geocaches menu option in the Main Menu. (You need to disconnect or reboot the receiver to exit the "Connect to PC" screen.)

## Geocache List

### Accessing the Geocache List

1. Press the BACK button while viewing the Map screen.
2. Select the Geocaches icon. All the geocaches you have saved or loaded will be displayed as a list.

### Sorting the Geocache List



1. Access the Geocache list.
2. Press MENU.
3. Select **Sort & Search**.
4. Using the drop-down menus for each, set the display filters for Status, Type, Size, Terrain and Difficulty.
5. Select the Sort By drop-down menu and select **Geocache ID, Nearest, Date Created, Type or Name**.
6. Use the Show button to toggle between **All** or just show **Favorites**.
7. Use the BACK button to return to the list of geocaches.

### Searching for a Saved Geocache

1. Access the Geocache list.
2. Press MENU.
3. Select **Sort & Search**.
4. Scroll down and Select the **Search by Name or ID...** button.
5. Use the keyboard to enter the first few characters of the geocache name or the ID.
6. Select the green checkmark.
7. The Geocache List is displayed with the results of the search.

### Go to a Geocache on the Geocache List

1. Access the Geocache list.
2. Select the Geocache you want to go to
3. Press MENU.
4. Select **Go**.
5. The route is created and the Map screen displayed.

### Editing a Stored Geocache

1. Access the Geocache list.
2. Select the name of the geocache to be edited.
3. The Geocache Description page is displayed.

**Description:** Select the **Description** button. Select the screen below the Description button. Use the keyboard to enter a description for the geocache. Select the Back icon when done.

**Hint:** Select the **Hint** button. Select the screen below the Hint button. Use the keyboard to enter or edit the hint for the geocache. Select the Back icon when done.

**Found:** Select the **Found** button. Select Found, Not Found, Needs Maintenance or Add a Field Note. (If selecting Needs Maintenance you will be asked if you want to include any comments.)

**Options:** Select the **Options** button. Use the Profile drop-down menu to select the profile desired for this geocache. Select Settings to change the values for the profile.

(Note: Other items are available on the Geocache Description page but they can only be viewed.)

### Adding/Editing/Deleting a Field Note

1. Access the Geocache list.
2. Select a geocache from the list.
3. Press MENU.
4. Select **Add a Field Note, Edit My Last Log, or Delete My Last Log**.
5. Use the keyboard to add or edit the field note. If you are deleting a field note, you will need to confirm the deletion.

### ***Go to a Geocache from the Geocache Description***

1. Access the Geocache list.
2. Select the name of the geocache to be routed to.
3. Press MENU.
4. Select **Go**.

### ***Viewing the Geocache on the Map***

1. Access the Geocache list.
2. Select the name of the geocache to be viewed.
3. The Geocache Description page is displayed.
4. Press MENU.
5. Select **View on map**. The geocache is displayed with a projected route from your current position to the geocache.

### ***Go to a Geocache While Viewing on the Map***

1. Access the Geocache list.
2. Select the name of the geocache to be routed to.
3. Press MENU.
4. Select **Go**. The geocache is displayed with a projected route from your current position to the geocache.

### ***Marking a Geocache as a Favorite***

1. Access the Geocache list.
2. Select the name of the geocache to be added to your Favorites list.
3. Press MENU.
4. Select **Favorite**.
5. The Geocache Description page is displayed with a yellow star added to the icon in the upper left corner indicating that this geocache is part of your favorites.

## **Adding a Geocache**

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### ***Saving Your Current Location as a Geocache Waypoint***

1. Access the Geocache list.
2. Press MENU.
3. Select Add Geocache.
4. The receiver will calculate the average position for the geocache providing increased accuracy.
5. Select Done.
6. Select the Geocache Name to edit the name with the keyboard.
7. Select the Difficulty and Terrain stars to indicate the level of difficulty. (5 stars is the most difficult and 5 stars is the roughest terrain.)
8. Select the Size marker to indicate the size of the cache.
9. To add a Hint or Description, Select the Options Menu icon and select Add Hint or Add Description.
10. When you have completed the entry for the geocache, press MENU and select Save.

## **Geocache Summary**

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When you want to view a summary of your geocache adventures you can access the Geocache Summary page. This summary displays, the total geocaches in the receiver, how many geocaches have been found, how many not found, and how many you haven't attempted. Also displayed is the number of geocaches in the receiver that are needing maintenance. Lastly is a summary of the average time spent in finding a geocache.

### ***Accessing the Geocache Summary***

1. Access the Geocache list.
2. Press MENU.
3. Select **Geocache Summary**.

# Points of Interest (POI)

The Magellan eXplorist has preloaded points of interest waypoints that provide a wide array of locations that you may seek. These POIs are waypoints for many commonly needed destinations. The POIs are installed along with the maps used in the eXplorist. The basemap contains some basic POIs and turning on a detailed map will provide a robust source of POIs.

## Accessing POIs

### Finding a POI by Category

1. Press BACK from the Map screen.
2. Select the POI icon.
3. Scroll through the list of categories and select a category that defines the POI you are looking for.

This example describes looking for the nearest hospital emergency room. Scroll down to find the category “Emergency Services”.



4. Some POI categories have a subcategory. If the category chosen does, scroll to find the subcategory for the POI you are searching.

Select the “Hospital” subcategory.



5. A list of the nearest hospitals are displayed.



The default sorting criteria is by distance. If you want to sort the list by name, press MENU and select “Sort by Name”.

You can also search by name for waypoints in the list displayed. Press the Menu button and select “Search by Name”. Enter the first few characters of the name and Select the green checkmark.

### ***Finding a POI Using Search by Name***

1. Press BACK from the Map screen.
2. Select the POI icon.
3. Press MENU.
4. Select **Search by Name...**
5. Use the keyboard to enter the first few characters in the name of the POI you are searching for and select the green checkmark.
6. A list of POIs is displayed, beginning with the characters entered in step 5.

Note that this search is not case sensitive.

### ***Creating a Route to a POI***

1. Access the list of POIs by category or searching by name.
2. Select the POI to be used as the destination.
3. Press MENU.
4. Select **Go**.

### ***Viewing POI Details***

1. Access the list of POIs by category or searching by name.
2. Select the POI to be viewed.

# eXplorist Tools

The Magellan eXplorist has a Tools Menu that gives you access to tools that you may find useful while using the receiver. Additionally, the Tools Menu provides access to the Settings Menu (see the chapter on *Settings* for details) which gives you the means to customize the eXplorist for your navigation requirements.

## The Tools Menu

### Accessing the Tools Menu

1. From the Map screen, press BACK.
2. Select the Tools icon.
3. The Tools Menu is displayed.



### Settings

Provides access to the Settings Menu which allows for customization of the receiver.

### Accessing Receiver Settings

1. Access the Tools Menu.
2. Select the **Settings** button.

(See the chapter on *Settings* for details.)

### Track Summary

Provides detailed statistics for the current active track.

### Viewing Track Summary

1. Access the Tools Menu.
2. Select the **Track Summary** button.

### Geocache Summary

Provides detailed statistics for all geocaching activities performed while using the eXplorist receiver.

### Viewing Geocache Summary

1. Access the Tools Menu.
2. Select the **Geocache Summary** button.

### Waypoint Projection

A waypoint can also be created by entering the distance and heading for the waypoint from your current location.

### Projecting a Waypoint

1. Select the Bearing field. Use the keypad to enter the degrees that the projected waypoint is from your current position.
2. Select **OK**.
3. Select the Distance field. (Note that you can Select the units of measure drop-down menu to change the units to be used.
4. Use the keypad to enter the distance from your current location that you want to project a waypoint.
5. Select **OK**.
6. Select **Next>**.
7. The *Waypoint Description* page is displayed. Make the necessary edits and Select the Disk icon at the bottom to save.

## **Best Fishing & Hunting Times**

This tool displays the best hunting and fishing times for your current location.

### **Using Best Fishing & Hunting Times**

1. Access the Tools Menu.
2. Select the **Fish & Hunt** button.  
Select the calendar and the arrows to the left and right of the month to select a day to view.

## **Sun & Moon Rising and Setting Times**

This tool displays the sun and moon rise and setting times for your current location.

### **Using Sun & Moon Times**

1. Access the Tools Menu.
2. Select the **Sun & Moon** button.  
Select the calendar and the arrows to the left and right of the month to select a day to view.

## **Help**

Use this tool to access Help files stored in the receiver.

### **Accessing Help Files**

1. Access the Tools Menu.
2. Select the **Help** button.
3. Select the help file to view.

## **Play Product Demo**

### **Accessing the Product Demo**

1. Access the Tools Menu.
2. Select the **Play Product Demo** button.
3. Confirm that the receiver is in the Demo mode.
4. A video will be played demonstrating the Magellan eXplorist.

### **Stopping the Product Demo**

1. Select the product demo video.
2. Access the Tools Menu.
3. Select the **Stop Product Demo** button.

4. Confirm that the receiver is no longer in the Demo mode.

## **Screen Capture**

### **Activating Screen Capture**

Once the Screen Capture is turned on you can use the Power Button to capture the screen and save it to the receiver's internal memory.

**Note that when screen capture is on, the power button cannot be used to turn the receiver off. You need to access the Screen Capture Tool and set it to OFF before you can power down the receiver.**

1. Access the Tools Menu.
2. Select the **Screen Capture** button.
3. Select the Screen Capture button to toggle screen capture on or off.
4. Select View Saved Screen Captures to view all screen captures currently stored in the receiver.

## **Owner Information**

### **Setting Owner Information**

1. Access the Tools Menu.
2. Select the **Owner Information** button.
3. Select any of the four fields and use the keyboard to enter the information.

# Settings

The Magellan eXplorist has a Settings Menu that allows you to customize how the eXplorist displays information, run diagnostic tests and other useful functions that will enhance your navigating experience.

## The Settings Menu

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### Accessing the Settings Menu

1. Press the BACK button from the Map screen.
2. Select the Tools icon at the bottom of the menu.
3. Select Settings from the Tools Menu.
4. The Settings Menu is displayed.



## Settings

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### Brightness and Volume

#### Adjusting Brightness

1. Access the Settings Menu.
2. Select the **Brightness & Volume** button.
3. Use the Brightness slider to increase or decrease the display intensity.

#### Setting the Backlight Timer

The Backlight Timer turns the backlight off, saving battery life, if the display has not been touched in the time selected.

1. Access the Settings Menu.
2. Select the **Brightness & Volume** button.
3. Select the Backlight Timer drop-down menu and select the duration that the backlight will remain on without a screen touch.

#### Adjusting Volume

1. Access the Settings Menu.
2. Select the **Brightness & Volume** button.
3. Highlight the Volume slider and use the joystick to increase or decrease the speaker volume.

#### Muting the Volume

1. Access the Settings Menu.
2. Select the **Brightness & Volume** button.
3. Select the Mute button. When checked the volume is muted.

### Power

#### Setting Active Suspend Timer

This sets the duration that the receiver will remain on before going into active suspend mode if the screen hasn't been touched. Active suspend puts the receiver in a power save mode but continues to record your track.

1. Access the Settings Menu.
2. Select **Power**.
3. Select the Active Suspend Timer drop-down menu and select the duration that the receiver will remain active without a screen touch.

#### Setting Power Off Timer

This sets the duration that the receiver will remain on before powering off if the screen hasn't been touched.

1. Access the Settings Menu.
2. Select the **Power** button.
3. Select the Power Off Timer drop-down menu and select the duration that the receiver will remain on without a screen touch.

#### Selecting Battery Type

1. Access the Settings Menu.
2. Select the **Power** button.

3. Select the Battery Type drop-down menu and select the type of battery that are being used.

## **Date and Time**

### **Selecting the Date Format**

1. Access the Settings Menu.
2. Select the **Date & Time** button.
3. Select the Date Format drop-down menu and select the format that dates will be displayed in.

### **Selecting the Time Format**

1. Access the Settings Menu.
2. Select the **Date & Time** button.
3. Select the Time Format drop-down menu and select the format that time will be displayed (12 hour or 24 hour).

### **Selecting the Calendar Format**

1. Access the Settings Menu.
2. Select the **Date & Time** button.
3. Select the Calendar Format drop-down menu and select how weeks will be formatted (weeks start on Monday or Sunday).

### **Selecting the Time Zone (Auto or Manual)**

1. Access the Settings Menu.
2. Select the **Date & Time** button.
3. Select the Time Zone & DST drop-down menu and select Auto or Manual. If Manual is selected, you need to Select the Set Time Zone button and enter your present time zone.

## **Maps**

### **Selecting Map**

1. Choose World Maps or Detailed Maps to see the individual maps installed.
2. If the map has a checkmark before its name it has been activated and is in use by your receiver. You can toggle the map on or off by Selecting on the check mark box to the left of the map name.
3. Select the map name to get more detailed information about the map that is installed.

## **Map Options**

### **Setting Map View (2D or 3D)**

1. Access the Settings Menu.
2. Select the **Map Options** button.
3. Select the Map View drop-down menu and select how the map will be displayed (2D or 3D).

### **Setting Map Orientation**

1. Access the Settings Menu.
2. Select the **Map Options** button.
3. Select the Orientation drop-down menu and select the reference used to define the top of the display (Track Up, Course Up or North Up.)

### **Setting the Number of Map Fields**

1. Access the Settings Menu.
2. Select the **Map Options** button.
3. Select the Map Fields drop-down menu and select how many data fields will be displayed on the map.

### **Defining Quick Info Details**

This sets what details will be displayed when the map is in pan mode and popup information is displayed.

1. Access the Settings Menu.
2. Select the **Map Options** button.
3. Select the Quick Info drop-down menu and select what will be displayed when popup information is displayed.

### **Toggling Position Destination Lines (On/Off)**

1. Access the Settings Menu.
2. Select the **Map Options** button.
3. Select the Position Destination Line drop-down menu and select if the line will be displayed on the map when a route is active.

### **Toggling Origin Destination Lines (On/Off)**

1. Access the Settings Menu.
2. Select the **Map Options** button.

3. Select the Origin Destination Line drop-down menu and select if the line will be displayed on the map when a route is active.

### **Toggling Track Lines (On/Off)**

1. Access the Settings Menu.
2. Select the **Map Options** button.
3. Select the Show Tracks drop-down menu and select if track lines will be displayed.

### **Setting Map Detail Level**

1. Access the Settings Menu.
2. Select the **Map Options** button.
3. Select the Map Detail drop-down menu and select the level of detail that will be displayed on the map.

### **Toggling Topo Lines (On/Off)**

1. Access the Settings Menu.
2. Select the **Map Options** button.
3. Select the Topo Lines drop-down menu and select if topo lines will be displayed on the map.

### **Setting Shaded Relief Level**

1. Access the Settings Menu.
2. Select the **Map Options** button.
3. Select the Shaded Relief drop-down menu and select how the map will display shaded relief.

### **Setting Geocache Waypoints Display Criteria**

1. Access the Settings Menu.
2. Select the **Map Options** button.
3. Select the Geocache drop-down menu and select what criteria will be used to select which geocache waypoints will be displayed on the map.

### **Setting Waypoint Display Style**

1. Access the Settings Menu.
2. Select the **Map Options** button.
3. Select the Waypoints drop-down menu and select how waypoints will be shown on the map (Icons, Name and Icons, or Off).

### **Toggling POI Waypoints (On/Off)**

1. Access the Settings Menu.
2. Select the **Map Options** button.
3. Select the POI drop-down menu and select if POI waypoints will be displayed on the map.

### **Selecting Current Location Icon**

When Smart Arrow is selected the current location icon will change color, indicating how well you are on course to reach your destination.

1. Access the Settings Menu.
2. Select the **Map Options** button.
3. Select the Current Location Icon drop-down menu and select Smart Arrow or Standard Arrow.

### **Toggling Auto Zoom (On/Off)**

Auto Zoom automatically sets the map scale to best display the active route.

1. Access the Settings Menu.
2. Select the **Map Options** button.
3. Select the Auto Zoom drop-down menu and select On or Off.

### **Map Draw Mode**

1. Access the Settings Menu.
2. Select the **Map Options** button.
3. Select the Map Draw Mode drop-down menu and select Exclusive or Hybrid.

### **Units (Units of Measure)**

#### **Setting Distance Units of Measure**

1. Access the Settings Menu.
2. Select the **Map Options** button.
3. Select the Distance drop-down menu and select the desired units of measure.

#### **Setting Speed Units of Measure**

1. Access the Settings Menu.
2. Select the **Map Options** button.
3. Select the Speed drop-down menu and select the desired units of measure.

**Setting Elevation Units of Measure**

1. Access the Settings Menu.
2. Select the **Map Options** button.
3. Select the Elevation drop-down menu and select the desired units of measure.

**Setting Area Units of Measure**

1. Access the Settings Menu.
2. Select the **Map Options** button.
3. Select the Area Units drop-down menu and select the desired units of measure.

**Tracks**

This setting sets the interval that track points will be saved. Auto uses an internal formula that increases the number of track points saved during turns and decreases the number of points saved when travelling in a straight line.

**Setting Track Logging Mode**

1. Access the Settings Menu.
2. Select **Tracks**.
3. Select the Logging Mode drop-down menu and set the interval for recording track points.

Note if you select "Time" or "Distance" you will need to set the time or distance intervals from the additional drop-down menu.

**Alarms****Setting the Off Course Alarm**

1. Access the Settings Menu.
2. Select **Alarms**.
3. Select the Off Course drop-down menu and define the distance that when off course that an alarm will sound.

**Toggling Arrival Alarm**

1. Access the Settings Menu.
2. Select the **Alarms** button.
3. Select the Arrival drop-down menu and select if the arrival alarm will sound when you have reached your destination.

**Defining the Arrival Alarm**

1. Access the Settings Menu.
2. Select the **Alarms** button.
3. Select the Arrival Distance drop-down menu and select the distance from your destination that the arrival alarm will sound.

**Setting the Waypoint Proximity Alarm**

1. Access the Settings Menu.
2. Select the **Alarms** button.
3. Select the Waypoint Proximity drop-down menu and define the distance to a waypoint that an alarm will sound

**Night Mode****Setting Night Mode Use**

1. Access the Settings Menu.
2. Select **Night Mode**.
3. Select the desired option (Auto, On or Off).

**Joystick Functions**

This defines what function will be accessed when pressing on the joystick while viewing the Map screen.

**Assigning Joystick Functions**

1. Access the Settings Menu.
2. Select **Joystick**.
3. Select **Add Waypoint** (default) or **Display Dashboard**.

**Compass**

This defines what graphic will be used to display the compass on the Map screen.

**Assigning Compass Graphic**

1. Access the Settings Menu.
2. Select **Compass**.
3. Select the left and right arrows to set through the available compass graphics.
4. Press the joystick to select the compass graphic.

## **Background**

This defines what graphic will be used as the background for the receiver

### **Assigning Background Graphic**

1. Access the Settings Menu.
2. Select the **Background** button.
3. Select the left and right arrows to set through the available graphics.
4. Press the joystick to select the Background.

## **Satellite**

### **Viewing the Satellite Status Screen**

1. Access the Settings Menu.
2. Select the **Satellite** button.
3. Select the Back Icon to exit.

## **GPS**

### **Turning the GPS Receiver On/Off**

1. Access the Settings Menu.
2. Select the **GPS** button.
3. Select the GPS drop-down menu and select On or Off.

## **Navigation**

### **Setting Primary Coordinate System**

1. Access the Settings Menu.
2. Select the **Navigation** button.
3. Select the Primary Coordinate System drop-down menu and select the desired coordinate system.

### **Setting Primary Coordinate Type**

1. Access the Settings Menu.
2. Select the **Navigation** button.
3. Select the Primary Coordinate Type drop-down menu and select the desired measurement.

### **Setting Primary Coordinate Accuracy**

1. Access the Settings Menu.
2. Select the **Navigation** button.

3. Select the Primary Coordinate Accuracy drop-down menu and select the desired accuracy.

### **Setting Primary Coordinate Datum**

1. Access the Settings Menu.
2. Select the **Navigation** button.
3. Select the Primary Coordinate Datum drop-down menu and select the desired datum.

### **Setting Secondary Coordinate System**

1. Access the Settings Menu.
2. Select the **Navigation** button.
3. Select the Secondary Coordinate System drop-down menu and select the desired coordinate system.

### **Setting Secondary Coordinate Type**

1. Access the Settings Menu.
2. Select the **Navigation** button.
3. Select the Secondary Coordinate Type drop-down menu and select the desired measurement.

### **Setting Secondary Coordinate Accuracy**

1. Access the Settings Menu.
2. Select the **Navigation** button.
3. Select the Secondary Coordinate Accuracy drop-down menu and select the desired accuracy.

### **Setting Secondary Coordinate Datum**

1. Access the Settings Menu.
2. Select the **Navigation** button.
3. Select the Secondary Coordinate Datum drop-down menu and select the desired datum.

### **Selecting North Reference**

1. Access the Settings Menu.
2. Select the **Navigation** button.
3. Select the North Reference drop-down menu and select the north reference.

### **Setting Altimeter Source**

1. Access the Settings Menu.
2. Select the **Navigation** button.

3. Select the Altimeter drop-down menu and select the desired source.

## **Memory**

This setting is used to view memory usage and provides access to memory tools.

### **Clear Memory from Device**

1. Access the Settings Menu.
2. Select **Navigation**.
3. Select the **Clear Memory from Device** button
4. Confirm that you want to clear the devices waypoint, geocache, route memory.

### **Restoring Factory Defaults**

1. Access the Settings Menu.
2. Select **Navigation**.
3. Select the **Restore Factory Default** button.
4. Confirm that you want to restore the factory defaults.

## **Connectivity**

### **Setting Receiver Connectivity**

1. Access the Settings Menu.
2. Select **Connectivity**.
3. Select the Mode drop-down menu and select the desired connectivity mode.

## **Diagnostics**

### **Running the Audio Test**

1. Access the Settings Menu.
2. Select **Diagnostics**.
3. Select the Audio Test button.

### **Running the Video Test**

1. Access the Settings Menu.
2. Select **Diagnostics**.
3. Select the Video Test button.

### **Running the Keypad Test**

1. Access the Settings Menu.
2. Select **Diagnostics**.
3. Select the Keypad Test button.

## **Language**

### **Selecting Language**

1. Access the Settings Menu.
2. Select **Language**.
3. Select desired language to use.
4. Confirm changing the language.

## **Product Information**

### **Viewing the Receiver Serial Number**

1. Access the Settings Menu.
2. Select **Product Info**.
3. The serial number for the receiver is displayed at the top of the screen.

### **Viewing the SW Version, EULA or Copyright Information**

1. Access the Settings Menu.
2. Select the **Product Info** button.
3. Select Versions, EULA or Copyright Info.