



PHAROS DRIVE GPS 150

User Manual

Warranty Conditions

Manufacturer is not responsible for any product defects due to misuse, abuse, or usage of product in way that is not in compliance with the written product instructions. To use this product other than expressed in the instructions will void customer's product warranty.

Precautions and Notices

- Please do not attempt to remove the memory card from your Pharos Drive GPS 150. Removing the card will break the seal and void the warranty.
- Do not attempt to operate the GPS Personal Navigation Device (PND) in a vehicle while the vehicle is in motion or in anyway that interferes with safe driving.
- Secure your device to the vehicle in such a way so as to not endanger the driver or passengers while driving or during operation.
- Be attentive to roadway signage, all posted roadway information, and the condition of the road itself. Calculated routes are for reference only; users must obey all traffic signs and local regulations.
- GPS positioning is intended for use as reference, not precise measurement of direction, distance or topography.
- > Do not place the device where it will block the driver's vision.
- > Do not place the device where the airbags are located or where the airbags could deploy.
- > Do not place the device anywhere in the vehicle without securing it in the holder.
- Do not place your device in any area of the vehicle where the use of electronic displays is prohibited in motor vehicles.
- > Do not use the device in a wet location.
- > Do not use the device close to hot areas such as radiators, stoves, or other products that produce heat.
- Do not leave the product in direct sunlight or heat for extended periods of time. Overheating the battery can be dangerous and/or cause malfunctions.
- Do not push objects of any kind into cabinet slots or other openings in product. Slots provided for ventilation must not be blocked or covered.
- Do not use product on unstable table, cart, stand, tripod or bracket. Any mounting of the product should follow manufacturer's instructions, and should use a manufacturer-recommended mounting accessory.
- Use the correct external power source indicated on the electrical ratings label.
- Handle battery packs carefully. Battery pack could burn or explode if handled improperly. Do not open, crush, or puncture battery pack. Do not dispose of battery pack in fire or water, or expose battery pack to direct sunlight.
- GPS signals cannot pass through opaque solid materials. Obstacles, such as tall buildings, tunnels, dense trees and bad weather can affect signal reception. Window tint that contains metallic material can affect GPS signal as well. Cordless phones, radar detectors, satellite radio receivers, and other wireless devices may also interfere with GPS reception.
- > To power on device, hold the power switch up to 5 sec until screen turns on.
- It may take a few minutes to successfully acquire GPS signals when turning on the GPS device for the first time. Complete this procedure in an outdoor open space. Whenever Reset is pressed, it turns the device off.
- Map database may not cover one hundred percent of all areas and/or addresses listed.
- This GPS PND may not be used for any purpose in which failure could lead to personal injury, physical, or environmental damage.
- Software version and user manual contents are subject to change without notices.
- For more information regarding ActiveSync, please visit the ActiveSync website: http://www.microsoft.com/windowsmobile/activesync/default.mspx



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1 – Getting Started

Welcome to the world of mobile navigation! Simple operation, clear maps in 2D or 3D mode as well as numerous innovative features and functions have made **PHAROS GPS** the essential guide for every traveler – whether in the car, on foot or by bike.

Configuration Wizard

This wizard, which automatically starts the first time you use the device, lets you easily configure the system settings by providing a step-by-step setup process. You can also configure these system settings by going to the system options from the **Settings** menu.

- Language Settings Set text and voice language preferences.
- End User License Agreement (EULA) Please review the license information and tap the Agree button. The EULA screen appears each time you use a new map.
- **Time Zone** –You can select the **Adjust to Daylight Savings** checkbox to automatically adjust for daylight savings.
- Units of Measure Specify the system measurement units.
- **Prompts** Configure the general navigation prompts and notifications.
- **Driver Warning** When you start the device, the **Driver Warning** screen appears. Please take a moment to review the information provided before tapping the **Agree** button. Select the "Do not display this warning again" checkbox to skip this message in the future.

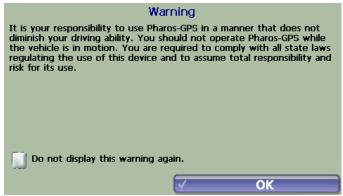
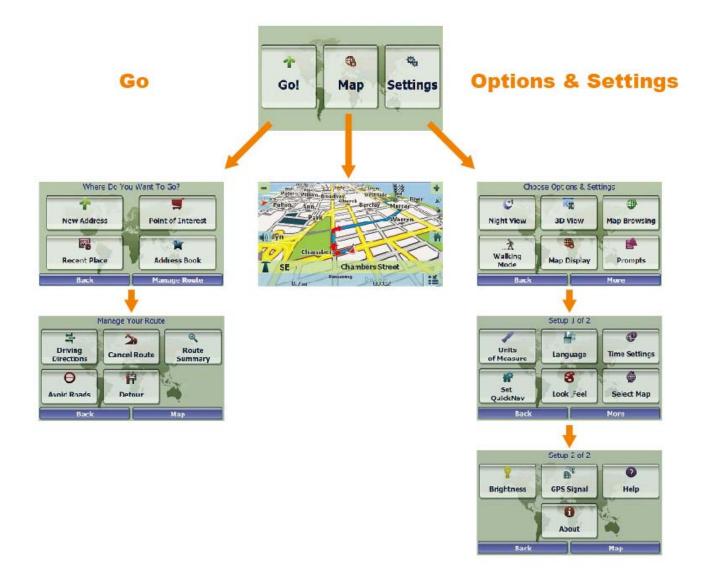


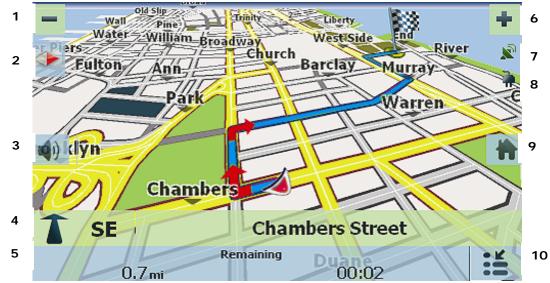
Figure 1 – Map Warning Screen







Map Screen



You can use the icons displayed on this screen to view and receive information about your route.

Figure 2 – Map Screen

Map Screen Icons

1, 6	-	Zoom in or out of the m greater details.	ap to view a larger and less detailed area, or a smaller area in			
2	X		nange the map view display as follows: forward direction at the top.			
	_	·	prward direction at the top.			
		2D map view with North	·			
3	-0-	Tap this icon to adjust c	or mute the volume.			
4	▲ 300 m	Boren Avenue	When you have calculated a route, the Directions Bar displays information about your next turn. Tap this bar for a complete list of turn-by-turn directions.			
5	2,6km	Remaining 00:04	The Information Bar is a toggle button that displays the remaining travel distance and travel time, estimated time of arrival, street name and address number, speed and altitude.			
7		The red GPS receiver m	eans that a reliable GPS signal is not yet located.			
		The green GPS receiver ready to navigate.	means that a reliable GPS signal is located and that you are			
8	•	These icons display you	r power source.			
9	*	Tap this icon to set your automatically calculate a	^r QuickNav location. When set, you can tap this button to a route to this location.			
10		Tap this icon to display	the Main Menu .			



Location Icons

$\mathbf{A} \mathbf{O}$	Current location in Vehicle Mode or Walking Mode.
\mathbf{X}	Last known location when GPS signal is unreliable.
	Generated route

Tapping a Location on the Map Screen

You can tap a desired location directly on the **Map Screen** in both the 2D and 3D map views. This feature is useful when you want to navigate to a specific point on the map, rather than by the street address. When you tap on the map, the Popup menu appears with the following options:



Figure 3 – Point on the Map Options

Thomas Broad - Go There - Navigate to the selected point on the map.

Add to my Favorites – Save a point on the map to the Address Book as a favorite destination for future use.

Set as Starting Point – Designate the selected point as the starting point instead of your current location. This works only when you do not have a GPS signal (such as indoors) or when you are in **Map Browsing** mode.

You can disable the Popup menu by tapping the **Map Display** button.

Map Views

You can choose to see a two-dimensional or three-dimensional map adjusted specifically for day time or night time conditions. 2D and 3D can be set by tapping the **Compass** button on the **Map Screen**.

From the **Options & Settings** menu, tap the **Day View/Night View** toggle button to view the map for day or nighttime driving and tap the **2DView/3D View** toggle button to display the map view in 2-dimensional or 3-dimensional views.

Route Summary



From the Manage Route menu tap the Route Summary button.

An overview of your complete route, the total driving distance to your destination, the estimated travel time, and the complete destination address, are displayed on the screen.



Cancel Route



From the Manage Route menu tap the Cancel Route button.

The current navigation stops and the GPS clears the route. You can only cancel a route after a destination has been set.

2 – Select Location and Generate Route

Go to an Address



From the **Go** menu, tap the **New Address** button. The **Enter address** screen appears, allowing you to choose how you want to enter address information. For example, if you select **City first**, the first address screen is lets you select from a list of cities, the second screen a list of streets, and the third screen lets you enter an address number.

Select from the following address entry options:

- City first State > City > Street > Address Number
- Street first *Street > City > Address Number*. Here you can enter a street name without having to first select a city. This is useful when searching for an address in a metropolitan area where there are many cities and towns.
- Intersection City> Street > Intersecting Street

Note: When a United States map is selected, the first address screen is always Enter State.

Tap from one of the **Enter address** options to display the first address screen.

_		EN	TER S	TATE	>>>				÷
Cali	forni	a							~
Ore	gon ,								
1	2	3	4	5	6	7	8	9	0
Q	W	E	R	T	Y	U	I	0	P
	AS	5 [F (GI	H I			-
-	Z	X	С	V	B	N	Μ	-	4
E	Back		See L	ist	Ac	tions		ОК	

Figure 4 – Selecting an Address

When entering an address using the keyboard, the characters appear in the **Address** field. The device automatically searches the **Address** list for the first occurrence of the entered characters. After you have selected a city, the device requests the next part of the address, such as street and address number.

You have the option of selecting the **City Center** instead of entering a street. **City Center** is the default that shows above the keyboard before you start entering street letters.

If you don't know the address number, you can select the Street Midpoint.

Tap the **OK** button to move through the sequence of address screens.



Toolbar Buttons

The following toolbar buttons appear at the bottom of many of the navigation screens.

When you tap this button for a selected address, group, or place, the device accepts the choice and moves to the next screen in the sequence.



When you tap this button, the device returns you to the previous screen.

This button provides a list of command options available for the selected address or place.

Keyboard Command Keys

The following buttons are available to enhance your search process.



Figure 5 – Search and Keyboard Buttons

1	Lets you remove a character that you have entered.
2	Lets you scroll up or down the list of city or street names.
3	Tap the keyboard button to display the keyboard when it is hidden. Tap the See List button to hide the keyboard and see/scroll longer lists of address results.



Actions

Tap the **Actions** button to use an address:

Use This:
As Starting Point
To Show on Map
As saved address
To see information
Back

Figure 6 – Actions for Addresses

- As Starting Point, which designates the selected address as the route origin (Map Browsing mode only).
- To Show on Map, which displays the selected address on the map.
- As saved address Tap to add an address to your list of favorite locations. For more information about favorites, see Address book on page 1<u>3</u>.
- **To see information** Tap to display additional address information and phone number (where available).

Navigate to an Address



Figure 7 – Show on Map

The final step in the address entry is the **GO** screen. Here you can validate your address and you can select from the following route types:

Quickest – This option selects the route that takes the least amount of time. Quickest is the default setting.

Shortest – This option selects the route that is shorter in distance. Note: The shorter route may not always be the quickest.

 ${\bf Go}$ – When you tap the ${\bf Go}$ button, the device calculates the route to your selected destination.

Demo – Tap the icon to start navigating a simulated route.



Points of Interest (POI)



The **Points of Interest (POI)** list is a collection of thousands of interesting or useful places organized by easy-to-find categories. For example, you can use this device to guide you to a shopping center, hotel, restaurant, or gas station.

Many categories have subcategories to provide for an even greater list of choices. For example, gas station may have many subcategories each representing a particular brand name. The same is also true for hotels. Restaurants have subcategories that represent different types of food, such as Indian, Italian, and French.

Search for a Location Near You

You can determine the area where you want to search for a specific place, such as a gas station, hotel, or restaurant. Where I am is automatically selected.

Where I am My destination Another City Tap to search near your current location. This is the default.

Tap to search near your specified destination. If a destination has not been selected and a route generated (by tapping the **Go** button), this button is disabled.

Tap to search for a POI in another location. This button opens the **Address Search Mode** screen, which is described on page_6.

Search for a POI Name

By Name

Tap this button to display the **Search POI** keyboard screen, where you can search by entering text in the **POI Name** field. The Smart Search System automatically displays the POI names that match the characters entered. This device automatically displays the POI entries and the distance each entry is from your current location.

For example, if you enter "Avis" and tap the **Search** button. This device displays all Avis entries as shown in the figure below.

				Searc	h POI				
A	vis					•		Searc	h
1	2	3	4	5	6	7	8	9	0
Q	W	E	R	Т	Y	U	I	0	P
	A	5 [F	G	-		(
-	Z	X	C	V	В	N	M	-	-
		Back							
Avis									-
2kn	n	D 213		ildre -162		Wea	r,		
2kn	n			t A 0					
9kn	n			visio -005		ervic	e,		~
9kr	n Back	and the second second	Contraction of the local division of the loc	Mag	- Contraction of the local division of the l	e. ctions		ОК	

Figure 8 – Search by POI Name



Search for a POI Category

-				
в	ro	w	se	

Tap the **Browse** button to display the most common POI groups. Many of these groups will include several POI categories, which in turn my contain subcategories. Tap the **More** button to go straight to the full list of POI categories.



Figure 9 – Most Common POI Categories

Show or Hide Symbol on Map

You can show or hide the **POI** symbol on the **Map Screen** by checking or clearing the checkboxes next to a **POI** category or subcategory. For example, you can choose to show only French restaurants on the **Map Screen**.



Figure 10 – Showing a POI Symbol on the Map



Actions

Tap the Actions button to use a POI:



Figure 11 – Actions for POIs

- As Starting Point, which designates the selected address as the route origin (Map Browsing mode only).
- **To Show on Map**, which displays the selected address on the map.
- As saved address Tap to add an address to your list of favorite locations. For more information
 about favorites, see Address Book on page <u>13</u>.
- Sort by ABC, which displays the category entries in alphabetical order.
- To see information, which shows additional address information and phone number (where available).

QuickNav



You can set a **QuickNav** destination so that every time you tap the **QuickNav** icon on the **Map Screen**, the device automatically calculates the route to this destination for you. When you tap the **QuickNav** button for the first time, you can select a predefined address or a POI category.

QuickNav	Settings
() To Predefined Address	
	Set Address
💓 To Nearest POI Category	
Gasoline	e Station
	Set POI Category
Back	ОК

Figure 12 – Setting the QuickNav Location

You can change the ${\bf QuickNav}$ settings by tapping the ${\bf Set}~{\bf QuickNav}$ button located on the ${\bf Setup}~{\bf 1}$ menu.



Recent Place



Figure 13 – Traveling to a Recent Location

This device automatically stores the last 64 locations in memory. After 64 locations have been saved, the older location entries are erased.

Actions

Tap the Actions button to use a recent location:



Figure 14 – Actions for Recent Places

- As Starting Point, which designates the selected address as the route origin (Map Browsing mode only).
- As saved address Tap to add an address to your list of favorite locations. For more information about favorites, see Address book on page 1<u>3</u>.
- Delete Item, which deletes an entry from the Recent Locations screen.
- Clear List, which clears all locations in the Recent Locations screen.
- To see information Tap to display additional address information and phone number.



Address Book

A **Favorite** is an address or POI that you have stored for easy retrieval. Save favorite addresses to your **Address Book** and later you can easily travel to these destinations. Favorites can be saved by using the **Actions** button within the **New Address**, **Recent Places**, and **POI** entry screens. By default your favorite will be placed into the **Favorites** group. You can also create your own custom groups; e.g. for a city or activity.

Creating an Address Book Group

Actions

From the **Address Book** screen, tap the **Actions** button to add, edit, or delete groups. Enter a group name and select a group icon.

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20		.	77110					·	E
1	2	3	4	5	6	7	8	9	0
Q	w	E	R	Т	Y	U	I	0	P
	A S	5 [ון כ	F	G	H] :	I		
-	Z	X	С	V	В	N	Μ	-	÷
_		Back				-	ОК		-

Figure 15 – Adding a Favorites Group

Saving a Favorite Address

As saved address

Within the **New Address**, **Recent Places**, or **POI** screens, tap the **Actions** button and then tap the **As saved address** button. Select the group to which you want to add your favorite address.

		2		_	My Fa	worites			Ŀ
1	2	3	4	5	6	7	8	9	0
Q	W	E	R	Т	Y	U	I	0	P
	A	5 1		F	G	-			-)
-	Z	X	С	V	В	N	M	-	+

Figure 16 – Adding a Destination to your favorites

The **My Favorites** group is the default group where all favorites are stored if not assigned to a custom group. This group cannot be deleted.

Going to an Address Book Location



From the **Go** menu, tap this button to display the screen containing your favorite addresses. Select a group, for example **Restaurants**. The device displays a list of stored locations within the group. Select a favorite address and tap **OK**.



Select a Fav. Group	
My Favorites	
Restaurants	
Back Alerts Actions OK	
Restaurants	
Restaurants Curry House, 213-620-0855123, Astronaut Ellison S Onizuka Street, Los Angeles,	
Curry House, 213-620-0855123, Astronaut Ellison S Onizuka Street,	
Curry House, 213-620-0855123, Astronaut Ellison S Onizuka Street, Los Angeles,	

Figure 17 – Going to a Favorite Destination

You can check or clear the checkmarks next to any group to show or hide the group symbol on the **Map Screen**.

Alerts let you know that you are within a certain distance of an item in an Address Book

Setting an Alert for an Address Book Group



Figure 18 – Setting Your Favorite Alerts

Use the right and left scroll arrows to set the distances for the 1st and 2nd Alerts.

In the **Set Alert Distances** screen, you can disable an alert by setting the 1st Alert to **Off** or by clearing the checkbox next to the selected group.

Notes:

Alerts

- Favorite Alert settings affect all Favorites groups.
- The 2nd Alert must be set to sound at a closer distance than the 1st Alert.
- Alerts can be set for a group but not for individual locations. Of course, you can always create a group that has just one location.



Actions

While highlighting a favorite address within a group, tap the **Actions** button to use the address:



Figure 19 - Actions for Address Book

- As Starting Point, which designates the selected address as the route origin (Map Browsing mode only).
- To preview on map, which displays the selected address on the map.
- Edit a Fav. Location, which changes the name, comment, or group location for the selected address.
- Delete Fav. Location, which removes the selected address.
- To see information, which displays additional address information.



3 – Route Management

Driving Directions



From the **Manage Route** menu, tap this button to display a complete Turn-by-Turn list of directions from your current location to the selected destination. The device continuously updates the Turn-by-Turn screen to display the most current instructions as you navigate the route.

You can also reach this screen by tapping the **Directions Bar** on the **Map Screen** (second bar from the bottom).



Figure 20 – Turn-by-Turn Display

Note: The first turn is at the top of the list and the final turn is at the bottom, identified by a checkered flag.

The following options are available:

- **Route** Tap to display your entire route on the **Map Screen**, plus the travel distance and the estimated travel time remaining.
- **Turn** Tap to display the next turn on the **Map Screen**, including the street name, the distance to the turn, and the turn direction.
- **Avoid** Tap to avoid the selected turn in the **Turn-by-Turn** list. The device recalculates the route automatically. Note that when you exclude a turn, the recalculated route may take longer.



Avoid Roads



You can specify that certain types of roads be permanently excluded from your route calculations, and you can create your own list of specific roads to avoid. Use this feature when you want to avoid congested roads, toll roads, or unsafe streets.

From the **Manage Route** menu, tap the **Avoid Roads** button. The **Avoid Roads** screen appears, displaying predefined road groups.

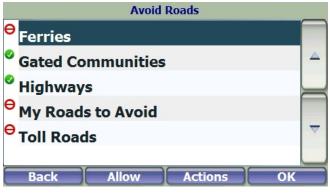


Figure 21 – Predefined Road Groups

The GPS provides the following predefined road groups:

- Ferries The default value is to avoid ⊖
- Gated Communities The default value is to allow
- Highways Roads that allow for high volume, maximum speed traffic movement between and through major metropolitan areas. The default value is to allow
- My Roads to Avoid This is a default folder that lets you store roads to avoid. You can display the items in this folder and allow or avoid specific roads. The default value is to avoid
- Toll Roads The default value is to avoid
 O

To allow or avoid a predefined road group:

• Select a predefined group and tap the **Allow/Avoid** toggle button, then tap the **Back** button. The next time you calculate a route, the device calculates a route based on your avoid or allow selections.

Note: predefined road groups (Highways, etc.) are allowed or avoided as an entire group. You cannot allow or avoid individual toll roads, highways, or ferries.



Creating a Group

Actions

Actions Tap this button and select **Add Group**. From the **Add Group** screen, enter the group name and tap **OK**.

San Fr	ancisco			Avoid	Roads				
1	2	3	4	5	6	7	8	9	0
Q	W	E	R	Т	Y	U	I	0	Ρ
	AS	5 [F	G	+] :	J I	()	
-	Z	X	С	V	B	N	М	-	÷
		Back					ок		

Figure 22 – Add a Road Group

The Actions screen also lets you edit or delete a selected group.

Adding a Road to a Group

When you tap **My Roads to Avoid** or a road group that you have created, the device displays the group screen, which lets you designate roads to avoid. From this screen, you can use the **Allow** or **Avoid** buttons to include or exclude individual roads when calculating a route.



Figure 23 – Storing Road Locations

Tap Actions and then the Add Road button. Select the city and street. The road is displayed on the Show on Map screen. Tap the Avoid button.



Figure 24 – Adding a Road to Avoid



Actions

Tap the **Actions** button:

- Add Road Tap to add a new road to avoid to a group.
- Edit Road Tap to rename the road and/or select a different group. When you have made your changes, tap Save.
- **Delete Road** Select a road and tap this button to remove the road from your group. The GPS no longer avoids the removed road.
- Show on Map Tap to show the map with the displayed destination for you to review before creating a route.
- To see information Tap to display the location's address information.

Detour



From the **Manage Route** menu, tap the **Detour** button. The **Detour** screen lets you instruct the GPS to create a detour to avoid a road event, such as an accident.

	Detour	
	0.2 MILE	
	0.5 MILE	
	1 MILE	
	3 MILE	
Back		

Figure 25 – Avoiding a Road Event by Performing a Detour

Select the **Detour** distance for which you want to generate a detour. For example, if you are traveling on a major highway and you are alerted by the news that there is traffic for the next 2 miles, you can have the device calculate a detour that takes you off the highway and then returns you back to the highway after a distance of 2 miles.



Map Browsing



You can browse the map without a **GPS** signal. From the **Settings** menu, tap **Map Browsing** button to disconnect from the GPS receiver.

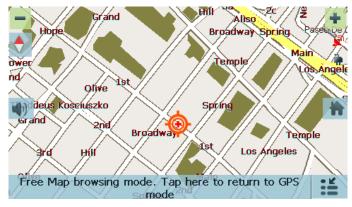


Figure 26 – Explore the Map

The ***** icon identifies your current position. You can use the arrow cursor to move the map. When you have located the street destination, you can tap that point on the map. On the popup menu tap **Go There** to navigate to the selected point. You can also set an address as an origin so that you can preview a route.

You can reconnect to GPS by tapping the bottom bar on the **Map Screen** or by tapping the **GPS Navig.** button on the **Settings** menu.

Walking Mode



Mode Walking Mode lets you travel as a walker, generating a route up to ten kilometers (6.2 miles), which is not limited by vehicle constraints such as one way streets. When creating a **Walking Mode** route, the GPS avoids highways or other roads where walkers would not travel. Voice prompts are deactivated in this mode.

From the **Settings** menu, tap the **Walking Mode** button. You can switch back to **Vehicle Mode** by tapping the **Vehicle Mode** button.

Note: When Walking Mode is selected, Driving Directions, Route Summary, Avoid Roads, and Detour features are disabled.



Map Selection



All US regional maps switch automatically as you travel or as you set an address origin or destination. From the **Setup 1** menu, tap the **Select Map** button to change the selected map to another map.

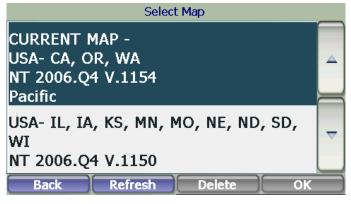


Figure 27 – Select a Map

You can also choose from the following **Select Map** commands:

- **Refresh** Tap to refresh the screen.
- **Delete** Tap to permanently remove a selected map.

Note: You cannot delete the map you are currently using.



4 – Settings

Settings Menus



From the Main Menu, tap the Settings button to configure the system settings.

Map Display



From the **Settings** menu, tap the **Map Display** button to select from the map interface options listed below.

You can choose the following options for the Map Screen:

Forward up	Orients the map so that the direction you are traveling is always at the top of the screen.		
Use Larger Labels	Increases the size of street names to make the map easier to read.		
Popup Menu	Displays the navigation popup menu when tapping on a map location. If you disable the Popup menu, tapping the screen will bring you to the Main Menu .		
Use Automatic Zoom	When selected, the zoom is speed dependent. The map zooms out at higher speeds, displaying a larger map area, and zooms in at slower speeds, displaying a smaller map area.		
Maneuver Diagram	Displays a large image that indicates your next maneuver, such as left turn or right exit.		
Next Street Bar	Displays the next street name.		
Zoom buttons	Displays zoom in and zoom out buttons.		
Compass	 Displays the compass, which lets you change the map view display: 2D map view with the forward direction at the top 3D map view with the forward direction at the top 2D map view with North at the top 		
QuickNav Button	Displays the QuickNav button, which you tap to navigate to a pre-selected location		
Volume Control	Displays the Volume Control bar.		
GPS Indicator	Displays whether a reliable GPS signal has been located.		
Power Indicator	Displays if your device is plugged in or running on battery power.		
Information Bar	Displays estimated time of arrival.		
Menu Button	Displays the Menu button, which opens the Main Menu . If you disable the Popup menu, tapping the screen will bring you to the Main Menu .		



Prompts

J.		
	Prompts	

From the **Settings** menu, tap the **Prompts** button to select the voice and road notifications that you would like to use while navigating.

Voice Prompts

Speed Warning	Warns you when your car exceeds the speed limit.
Route Recalculation	Notifies you when the GPS recalculates your route. For example, when you miss a turn.
Unreliable GPS Signal	Warns that the GPS signal is too low and unreliable for navigation.
GPS Not Found	Alerts you if the GPS signal is lost.

Road Prompts

Both	Announces both the street number and the street name.
Numbers	Announces street numbers only.
Name	Announces street name only.

Language Settings

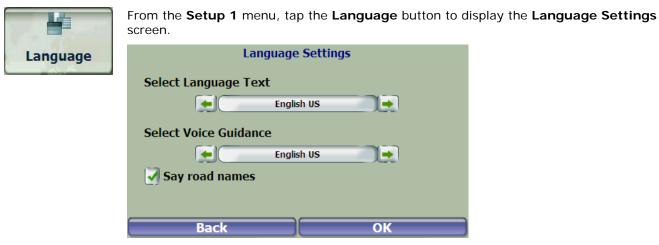


Figure 28 – Language Settings

You can select from:

- Language Text sets the language used for map and menu labels
- Voice Guidance sets the language used for voice prompts and voice directions
- Say Road Name instructs the device to say road names versus simple turn instructions



Look & Feel Settings



From the **Setup 1** menu, tap the **Look & Feel** button to select from a list of preinstalled skins. It is common that your unit may have only one skin supplied. A skin determines the visual effects such as colors and icons displayed.

- **Prefer QWERTY Keyboard** When this option is selected, the navigation keyboard is displayed as a computer keyboard (QWERTY style) on the screens. When unselected, the keyboard keys are arranged in ABCD format.
- Auto Day-Night Adjustment When this option is selected, the device automatically switches between day and night view according to the GPS time and date information provided. If this option is selected, but you manually switch the day /night view, it will remain in that mode you selected until the next time the device automatically switches the day /night view.

GPS Settings



From the Setup 2 menu, tap the GPS Signal button to display GPS information.

The device receives data from a built-in GPS receiver to pinpoint your location. Your vehicle's location and position are constantly updated unless you are working in the **Browse Map** mode. The GPS receiver may take a few minutes to find its initial location. For best results, ensure that the GPS receiver has a clear view of the sky.

The GPS Signal screen displays the following information:

- Longitude
- Latitude
- Speed
- Altitude
- Number of Satellites

If you are working in the Browse Map mode, the device automatically disconnects from the GPS receiver.

GPS Troubleshooting

Signal too low

When you first start the GPS you may hear the "Signal too low" message. This message means that your navigation device hasn't yet located a reliable GPS signal. Check that your device is connected to a power source, such as the cigarette lighter, and has a clear view of the sky. You will almost always have too low a GPS signal when you are indoors.



Units of Measure



From the **Setup 1** menu, tap this button to specify the measurement system you would like to use.

You can select:

- Miles, Yards (UK)
- Miles, 10th of a Mile (US)
- Kilometers, Meters

Time Settings



Figure 29 – Time Zone

You can select the **Daylight Savings** checkbox to automatically adjust for daylight savings.

Brightness

From the **Setup 2** menu, tap this button to determine the brightness of the screen.

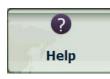
About



Brightness

From the **Setup 2** menu, tap this button to displays version and copyright information.

Help



From the Setup 2 menu, tap this button to displays technical support information.



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Warranty Conditions

Manufacturer is not responsible for any product defects due to misuse, abuse, or usage of product in way that is not in compliance with the written product instructions. To use this product other than expressed in the instructions will void customer's product warranty.



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