

DESTINATOR PN USER GUIDE



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Note:

The content of this document constantly changes, to reflect the latest changes in procedures, screens, buttons, icons, general improvements and updates to the Destinator PN software, hardware and maps.

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Note:

Some smaller (sub-) municipalities may not contain street data. In such cases, please choose the larger (super-) municipality displayed in parentheses to search for these streets. Alternatively, you can change the search order to Street>City or ZIP/Postal Code>Street to find street data for the smaller municipality.

1

Welcome To Destinator PN

1.1 Introduction

Destinator PN is a full-featured mobile satellite navigation system.

It utilizes GPS (Global Positioning System) satellites to pinpoint your location utilizing the latest mapping data technology to get you to your destination in the most efficient and timely manner.

Destinator PN assists you in planning your route and it provides Turn by Turn, Voice and Visual instructions for getting to your destination.

1.2 Getting Help

An abbreviated Help file with basic Destinator PN navigational definitions and instructions is available.



At the map screen, press the  button, cycle to the Options Menu by pressing the  button, and

select .

1.3 Technical Support

In Europe

For answers to common questions and quick assistance see the Destinator FAQ for Registered Users online at: <http://www.destinatoreurope.com>, click Community, login and choose FAQ.

If you have other questions about Destinator PN, please contact your supplier or Destinator Technical Support via email at support@destinatoreurope.com or telephone +49 (0) 1805 12 30 12 *.

* for fees in your country please ask your telephone service provider

In North America

For answers to common questions and quick assistance see the Destinator FAQ for Registered Users online at: <http://www.destinator1.com/>, click Community, login and choose FAQ.

If you have other questions about Destinator PN, please contact your supplier or Destinator Technical Support via email at support@destinator1.com or telephone 1-866-798-0905 **.

** toll free

2

Installing Destinator PN

2.1 Introduction

This chapter will guide you through **Destinator PN** installation, map installation, and activation.

There are four steps for installing Destinator PN:

- Install Destinator Console on your PC
- Install Destinator on your Pocket PC
- Install the Map(s) on your Pocket PC
- Activate Destinator on your Pocket PC

2.2 Install Destinator Console

Insert the **Destinator PN Disk 1** into the PC's CD-ROM drive, and the Destinator PN installer screen appears automatically.

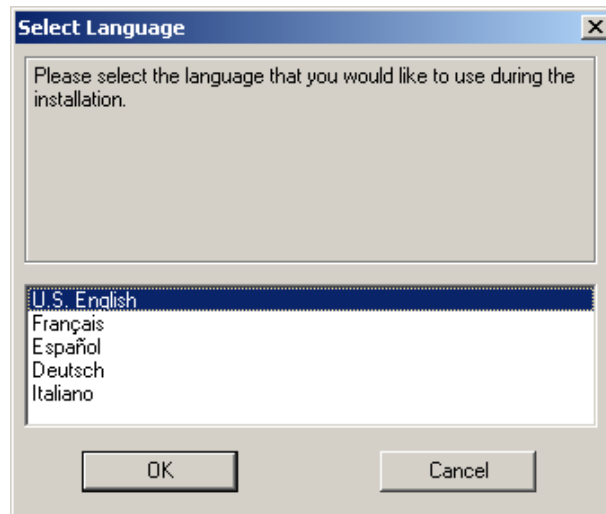


Figure 1 - Installation Language selection Pop-up

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1. From the Select language pop-up– highlight your language preference and click **OK**.
2. After reading the **Welcome** message click **Next**.
3. We recommend that you use the default directory on your PC and click **Next**.

Or, if you wish to install to a different installation directory click **Browse** and follow the onscreen instructions.
4. Select the default Destinator language for your PDA. Click **Next**.
5. An installation confirmation window is displayed. Click **Next**.
6. A status window indicates the progress of the installation.
7. Click **Finish** to exit installer program.

2.3 Install Destinator PN To Pocket PC

Prerequisites

Before you install **Destinator PN**, please confirm that:

- Your Pocket PC has a minimum of 32 MB RAM and 96 MB external memory
- Your computer is running Microsoft Windows 98/ME/NT/2000/XP with Microsoft ActiveSync
- PC has ActiveSync loaded, running and Pocket PC is connected
- PC has a minimum of 300 MB free for temporary files
- You have an Internet connection for online registration



Note: The hardware and software requirements above are the minimum recommended to run Destinator PN.

Install Destinator

Insert the **Destinator Disk 1** into the PC's CD-ROM drive.
Launch the Destinator Console from the start menu on your PC.

Start > Programs > DestinatorApps > Destinator Console



1. Click the  button to install the Destinator Navigation System to your PDA.
2. The **End-User License Agreement** (EULA) is displayed. Please read it carefully and if you agree, click **Yes, I Agree**.
3. A window gives you the option to install the TMC (Traffic Message Channel) function, and allows you to choose a language. See Section 6.13 TMC for more information about this feature.



Figure 2 - Install TMC Dialog

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4. You are asked to which directory you would like to install. Select **Yes** to install to the default directory, which is your Pocket PC's main memory.

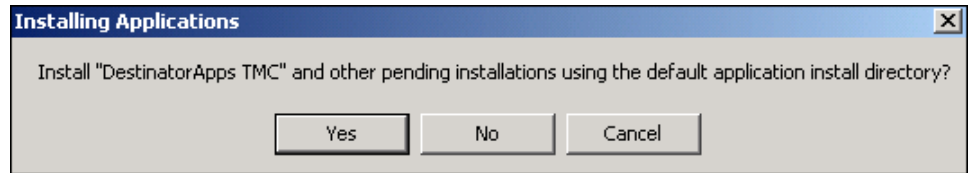


Figure 3 - Install to Default Directory

5. A status window indicates the progress of the installation.

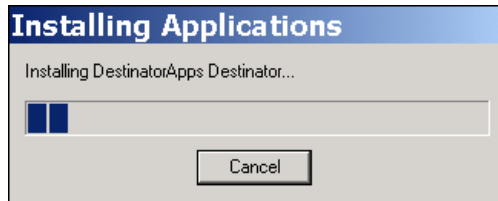


Figure 4 - Status Window for Installation

6. A window will refer you to your Pocket PC device screen for instructions.

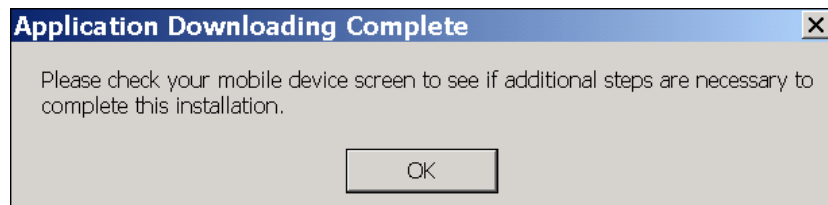


Figure 5 - Refer to Device Screen

7. After the software has been successfully installed, a "Program installation successful" message appears. Click **No**. You will have an opportunity to register later.

Install TTS (Text To Speech)

The TTS feature lets you hear street names as part of the voice prompts.



1. Click on the  button on the toolbar at the top of your screen.
2. Select your language preference for the voice prompts, and click **OK**.



Figure 6 - Select Language for TTS

3. You are asked to which directory you would like to install TTS. Select **Yes** to install to the default directory, which is your Pocket PC's main memory.

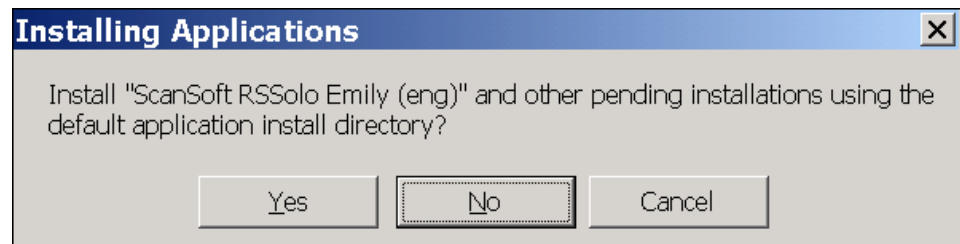


Figure 7 - Install TTS to Default Directory

4. A status window indicates the progress of the TTS installation.

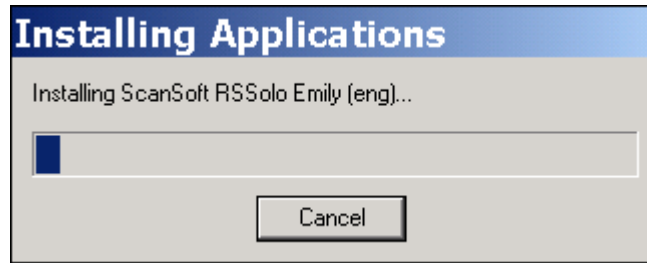


Figure 8 - Status Window for TTS Installation

5. You will be prompted when the installation is complete.

2.4 Install The Map(s)

This Section Covers:

- Where to load maps
- Selecting maps to load
- Loading maps.

Where to Load map(s)

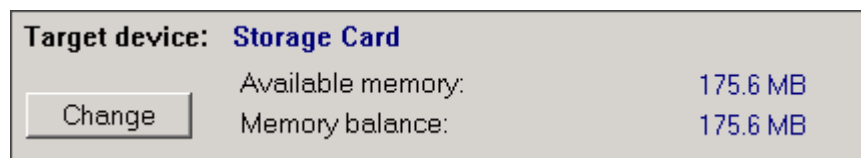


Figure 9 - Change Target Device (Memory)

1. From **Target Device** press **Change** to choose where to install maps.

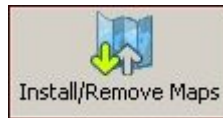
You can install the map(s) to the Pocket PC main memory, to a storage card plugged into the Pocket PC, or even an external Flash Reader with Removable Disk (fastest).

2. In the Select Target Device dialog, highlight where to install maps (eg: Storage Card) and click **OK**.

The Target Device window displays the size of the map(s), and the available room on the storage card or main memory.

Select Maps to Load

1. Select the map(s) you wish to load by clicking on the map image or selecting them from the list. (✓) represents a selected map to install.



2. Press the button.

A Confirmation Dialog is displayed. Press the **OK** button to install the map(s), or the **Cancel** button to exit map installation and return to select map(s). A status window will indicate the progress of the map installation.

3. When the map installation has completed, a Successfully loaded message appears. Press **OK**.

Before you can begin navigating, you must activate Destinator PN. See the next chapter for instructions on how to activate Destinator PN.

3

Activation

3.1 Introduction

After the map(s) have been installed, Destinator PN must be activated before you can begin navigating.

3.2 Voucher For License Key

If you received a Voucher to evaluate Destinator PN, note that it is not a License Key.

You can easily redeem your voucher to get **License and Activation Keys** (Activation Page), when you register at the **Destinator Community** at <http://activate.destinator1.com>.

3.3 Quick Activation

Destinator supports a feature called “Quick Activation”, which activates your Destinator product through an automated process that is faster than activating the product manually.

For instructions on how to activate Destinator manually, please see Appendix B.

If you have a PPCPE device, you might consider using SMS Activation, which is described in the next section.

To activate your Destinator product with Quick Activation, do the following:

1. Be sure your PC is connected to the Internet.
2. Be sure your Pocket PC is communicating with your PC via Microsoft Active Sync.

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3. Start the Destinator program on your PC.
4. From the toolbar at the top of the screen, select the



button.

5. The **Quick Activation** screen appears. Click **Next** to continue.

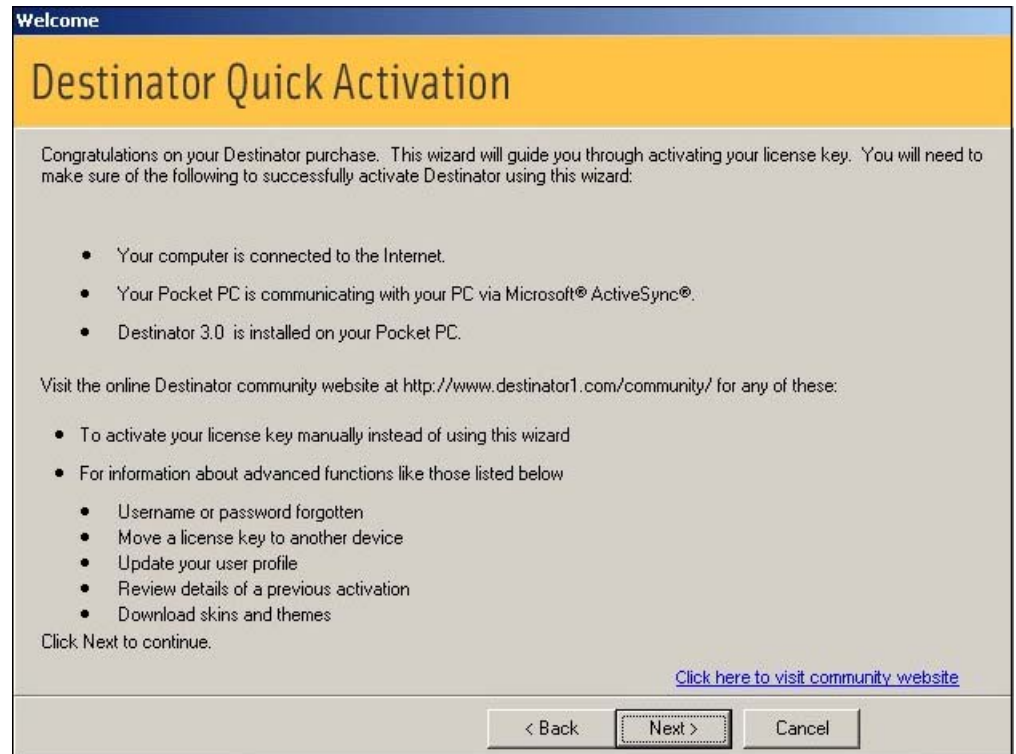
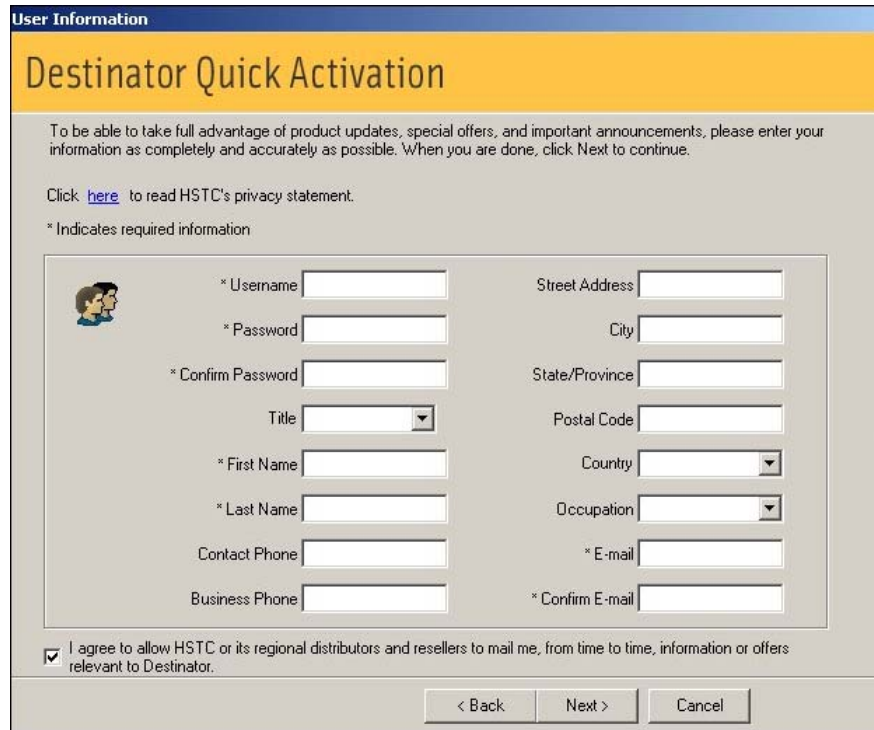


Figure 10 - Quick Activation Dialog

6. The User Information screen is displayed. Fill in the required information to create your account on Destinator Community, and click on **Next**.

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User Information

Destinator Quick Activation

To be able to take full advantage of product updates, special offers, and important announcements, please enter your information as completely and accurately as possible. When you are done, click Next to continue.

Click [here](#) to read HSTC's privacy statement.

* Indicates required information

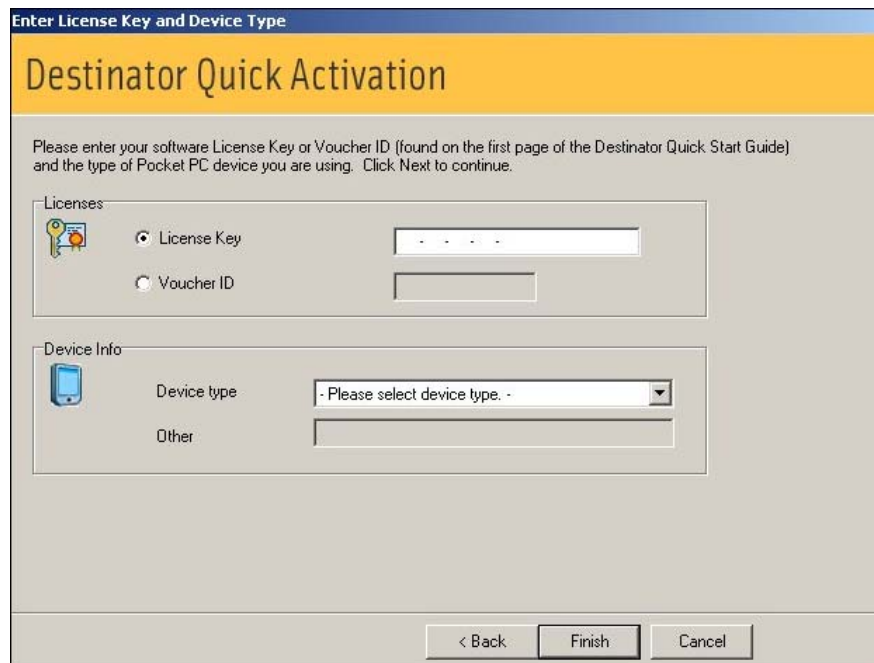
	* Username	Street Address
	* Password	City
	* Confirm Password	State/Province
	Title	Postal Code
	* First Name	Country
	* Last Name	Occupation
	Contact Phone	* E-mail
	Business Phone	* Confirm E-mail

☒ I agree to allow HSTC or its regional distributors and resellers to mail me, from time to time, information or offers relevant to Destinator.

< Back Next > Cancel

Figure 11 - User Information Screen

7. Enter the license key and select your device type.
Click on **Finish**.



Enter License Key and Device Type

Destinator Quick Activation

Please enter your software License Key or Voucher ID (found on the first page of the Destinator Quick Start Guide) and the type of Pocket PC device you are using. Click Next to continue.

Licenses

 ☒ License Key

☐ Voucher ID

Device Info

 Device type

Other

< Back Finish Cancel

Figure 12 - License Key and Device Type

8. The message “Congratulations, your Destinator license key has been successfully activated” is displayed. Click on **Done** to close the screen.

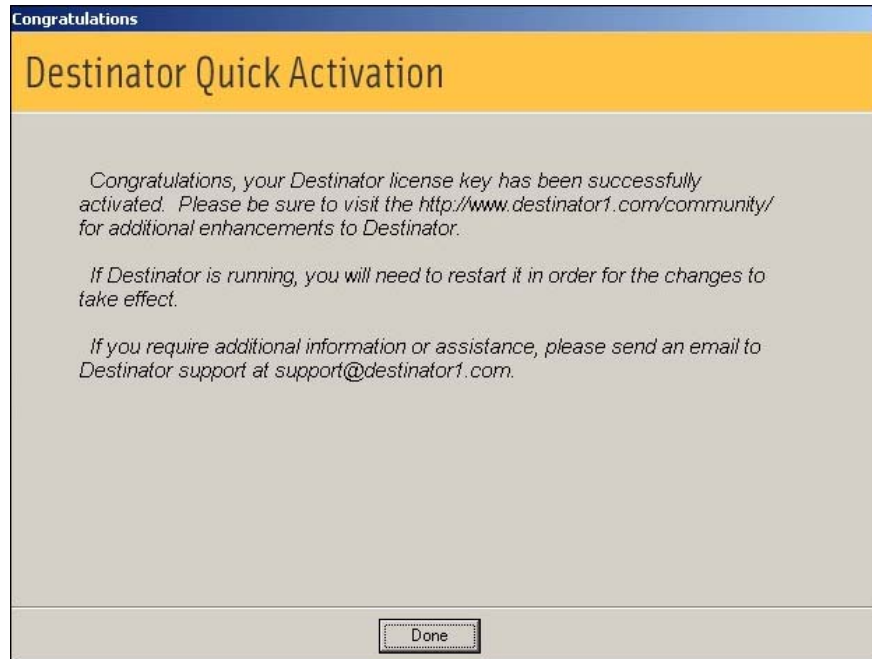


Figure 13 - Quick Activation Completed

3.4 SMS Activation

Note: SMS Activation is available only if you have a PPCPE device. If you do not have a PPCPE device, see Section 3.3 Quick Activation for instructions about activation.

If your Destinator PN is running on a PPCPE device, you can activate Destinator PN by using SMS Activation.

1. As soon as your Destinator PN has been installed, the following screen will be displayed:

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Destinator SMS Activation [X]

Please enter your **License Key**
(found inside the CD jacket)

366ee-43349-01000-6b35c-16374

Example:
12045-57C90-abcd-efgh-ijklmno

Please refer to the **Quick Start Guide**
for assistance with the activation process.

DeviceID:
22020c13a805

ABC	DEF	GHI	123	↺	↻
JKL	MNO	PQR	456	↻	↺
STU	VWX	YZ-	7890		

Next [EN]

2. Key in your License Key number and press **Next**. The following screen is displayed:



Destinator SMS Activation [X]

Please check your License Key for accuracy
and press the **Send** button.

Your Activation request is sent as a SMS, and
may be charged by carrier rates applying

DeviceID:
22020c13a805

License Key:
366ee-43349-01000-6b35c-16374

Send

 **Manual activation**

3. Be sure you read the text in the upper portion of the screen. Sending an SMS might mean that you will be charged by your carrier.

If you want to continue with the SMS activation, click on **Send**. You will be prompted when your activation has been accepted.

As an alternative to SMS activation, you might wish to use manual activation, which is described in Appendix B. To start manual activation, click on the Manual activation button.

4

Hardware Installation

4.1 Introduction

This Chapter will guide you through the **Destinator PN** hardware installation procedure.

Warnings

Carefully select a safe location to install the Pocket PC device and GPS Antenna.

DO NOT INSTALL the Pocket PC Device or GPS Antenna in any place that could:

- ◆ **Obstruct the driver's view of the road**
- ◆ **Interfere with vehicle controls or safety devices**
- ◆ **Cause injury to the driver or passengers**
- ◆ **Interfere with the safe deployment of the airbags**

SECURE the Pocket PC device and GPS to the dashboard to prevent it from injuring driver or passengers in the event of a sudden vehicle movement or collision.

4.2 Connecting the Hardware



Installing Hardware.

1. Pocket PC device.
2. GPS antenna/receiver.
3. COM connector.
4. Cigarette Lighter Adapter.

Figure 14 - Sample Hardware Installation

If you are choosing a suitable location on the dashboard to install the Pocket PC device (1) mount, ensure that it does not obstruct the driver's view or interfere with other vehicle controls.

If you are using a **Destinator Bluetooth GPS Receiver**, refer to your [*Bluetooth GPS Receiver User Guide*](#).

1. On your Pocket PC launch **Destinator** . (Some Pocket PC may lock up if the GPS is connected before launching Destinator).
2. Connect the GPS (2) and cable (3) to the Pocket PC device.

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3. Plug in the Cigarette Lighter Adapter (4) to power up the GPS Receiver and charge the Pocket PC.
4. Check that the Cigarette Lighter adaptor power LED is ON.



Note: The GPS may take a few minutes to find its current location initially. For best results, ensure that the GPS has a clear view of the sky.



Disconnect the adaptor when the ignition is off. This will help to prevent unnecessary battery drain.

5

Using Destinator PN Console

5.1 Introduction

This chapter will guide you through:

- Toolbar Overview
- Removing previous versions of Destinator
- Loading more map(s) into memory
- Selecting and loading pre-cut maps
- Activating new maps
- Setting up your preferences

5.2 Menu and Toolbar Overview

Toolbar

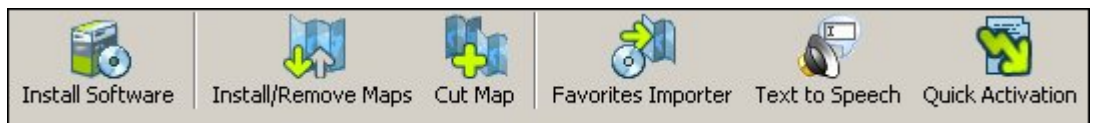
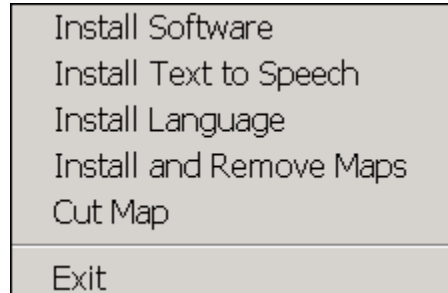


Figure 15 - Destinator Console Toolbar

- **Install Software** – Installs the latest version of Destinator software to your Pocket PC
- **Install / Remove Map** – Dual function of installing new or self created maps or removing old not used maps to save memory
- **Cut Map** – Allows you to create and cut own selection of map(s)
- **Favorites Importer** – You can download a list of locations from your PC to your PDA to any category within Favorites.

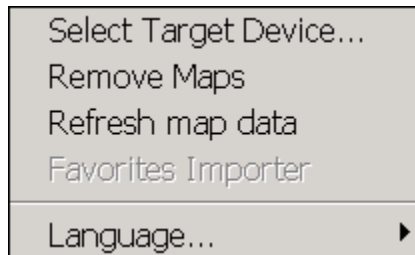
- **Text to Speech** – This function inserts street names into the voice prompts at 200 meters prior to a turn, as well as when you reach the turn. Once installed, the TTS feature must be enabled from the Alert Settings screen.
- **Quick Activation** – Launches the process for activating your Destinator PN product using the Quick Activation method. If you have a PPCPE device, you might consider activating your product by using the SMS Activation method described in Section 3.4 SMS Activation.

File Menu



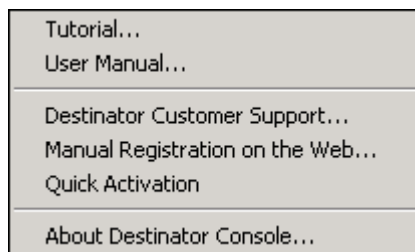
- **Install Software** – Install the Destinator software.
- **Install Text to Speech** – Install the Text to Speech feature, which includes street names into the voice prompts at certain manoeuvres.
- **Install Language** – Install language preferences for use in voice prompts and skins. After you install a language, you can implement it by going to the Settings menu and selecting Look & Feel (see Section 8.10 Look & Feel).
- **Install and Remove Maps** – Install new or remove old maps.
- **Cut Map** – Cut your selection from a large map.
- **Exit** – Close down Destinator Console.

Tool Menu



- **Select Target Device** – Select where to load map
- **Remove Maps** – Remove old or unused maps to save on memory
- **Refresh map data** – Load new map(s) and refresh installed map window
- **Favorites Importer** – You can download a list of locations from your PC to your PDA to any category within Favorites.
- **Language** – Select your Language to install Destinator in (default English)

Help Menu



- **Tutorial** – Brief interactive introduction on using Destinator
- **User Manual** – Provides a detail description on using Destinator
- **Destinator Customer Support** – Contact Destinator information

- **Manual Registration on the Web** – Destinator Community Registration web page
- **Quick Activation** – To activate your Destinator product with Quick Activation
- **About Destinator Console** – Version of Destinator Console

Exit from Destinator Console

1. When you are ready to exit the Destinator Console, click **File > Exit**.

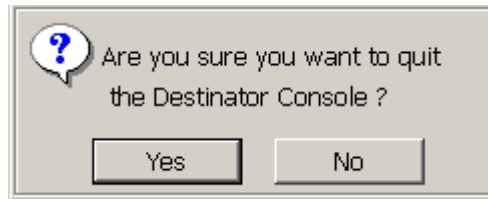


Figure 16 - Quit Destinator Pop-up

2. You will need to confirm that you want to **Exit**. Press **Yes** and you will exit from the Destinator Console.

5.3 Removal of Previous Destinator Versions

1. The **Destinator Console** automatically checks if there is a previous version installed and will prompt you to remove it, before installing the latest version of **Destinator**.

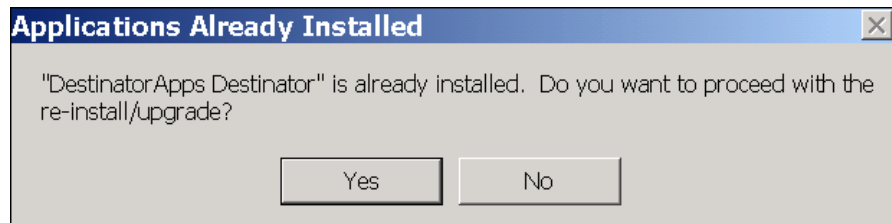


Figure 17 - Removal of Previous Installed Destinator Pop-up

2. Press the **Yes** button to completely uninstall the previous version and re-install the new version. If you press **No**, **Destinator** will not install and you are returned to the Destinator Console main screen.
3. Press the **Yes** button to continue to install the latest version of **Destinator**.

Destinator Console will display a status window to let you monitor the installation's progress.

After the software has been successfully installed, a Program Installation successful message appears.

4. Click **No**, you will have an opportunity to register later

Now that you have installed the navigation software, you are ready to install the maps. See Section 2.4 Install The Map(s).



You cannot install the **Destinator** navigation software to an external Flash Reader.

5.4 Creating Your Own Maps

Living in California, but need only the map and driving directions for San Francisco? Well **Destinator** has made that easy with its simple to use **Cut Map** tool.

1. From **Standard Maps** window select the map(s) you wish to load by clicking on the map image or selecting them from the list. (✓) represents a selected map to install.



2. Press the **Cut Map** button.

A Confirmation Dialog is displayed, press the **OK** button to install the map(s), or the **Cancel** button to exit map installation and return to select map(s). The selected map is temporally loaded to hard disk.

3. The map is displayed on screen - Then **Zoom In**



on a section, zone, selected area or city of interest.



Some maps are already Pre-Cut. See [Selecting Pre-Cut Maps](#) chapter 6.

4. Use the toolbar for **Address** or **POI** selection, to **Zoom**, to select a **sub-region**, or **Crop** (to select a rectangular area to be cut).



5. Click **Crop** (Draws a **Rectangle** around area to cut – your selection eg: San Francisco)

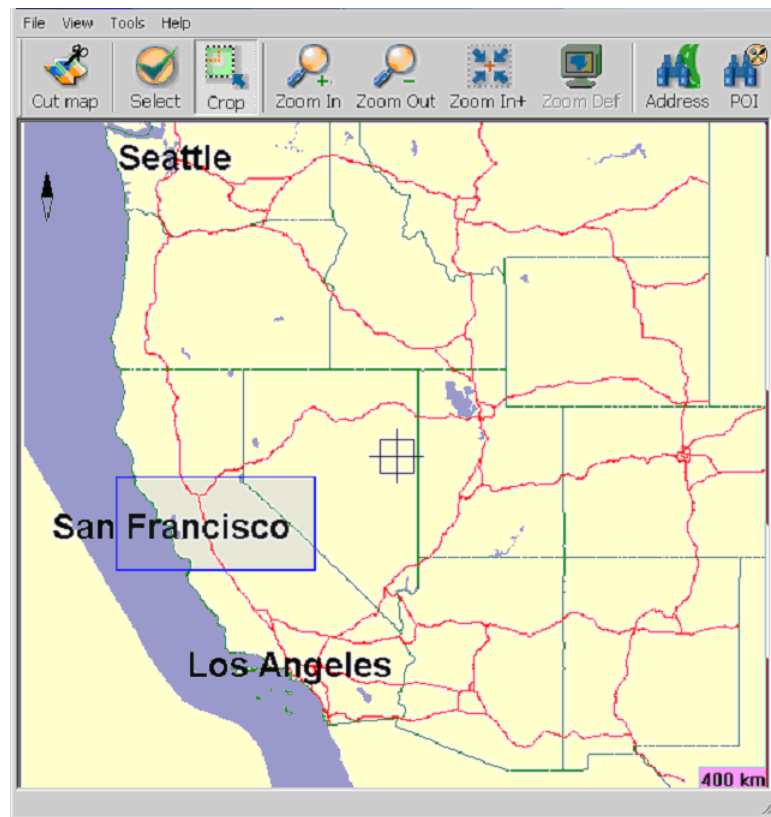


Figure 18 - Crop Map Selection (Rectangle) Window

5.5 Cutting Maps



1. Click **Cut Map** to create that selected zone (map).

Cut a map by cropping an area.

New Map Name:

New Map's Description:

Figure 19 - Entering a New Map name Pop-up

2. Enter an unique name as the new map name eg: **San_Frisco1**.



Note: No spaces between words are allowed, but you can use underscores to separate the words (16 character maximum).

3. Pressing **Estimate** gives the size of the selected map. Do you have enough memory available? Click **OK**.
4. Click **Cut** – To automatically store the newly cut map on your computer.

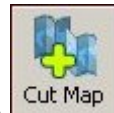
Destinator creates a default directory on your computer, **C:\DestinatorApps\New Maps**, where all cut maps are stored.

5. Click **OK**. From Destinator Maps Cutter, click **File > Return to Console**. (You are returned to the Destinator Console).

5.6 Route Cutting

Destinator supports route cutting, which allows you to create a map composed of a travel route. To create the route, you specify two or more points. After the route has been created you can create a map from it and download the map to your Pocket PC.

1. From the console, select one of the standard maps. The route you create will be restricted to the area of the predefined map.



2. Click on **Cut Map**. An enlarged image of the map is displayed in the left-hand pane.



3. Click on **Route**. Notice the additional window that is displayed in the right-hand pane.
4. To establish a point on your route, click on the desired position on the map. A description of the point is displayed in the right-hand pane. To more precisely select a point, you can click on **Address** or **POI** as the next section describes. The first point you define is considered the starting point of the route. A route must include at least two points.
5. Some tools you can use when creating a route:

Corridor - You can select how much surrounding area will be included along the route's path. You can also choose either kilometers or miles.

Route - You can select either the quickest or the shortest route to connect the points.



- Centers a point on the map. First, highlight the point in the right-hand pane, and then click the icon.



- Deletes a single point from the route. First, highlight the point in the right-hand pane, and then click the icon.



- Click on this icon to delete all points from the route.



and - Changes the numerical order of the points on the map and in the right-hand pane. First, highlight a point in the right-hand pane, and then click one of these icons.

6. When you have established all the points on the route, click the Create Route  icon. Notice that all the points become connected by a blue line that is bordered by a corridor. You can use any of the tools described in step 5 to modify the route shown. If you modify the route, you will have to recreate the route by simply clicking on the Create Route icon again.

7. To create a map of the route, click on **Cut Map**



. You will be prompted to give the map a name. The map will be displayed in the “My Maps” section on the Destinator Console. Then, you can download the map to your Pocket PC just as you would download any other map as described in [Chapter 2](#).

5.7 Selecting Pre-Cut Maps

Selecting by Address

1. Select map to load from **Standard Maps**, eg: **Italy**.



2. Click **Cut Map**. The selected map (Italy) is automatically loaded to hard disk and displayed in the Map Cutter window.

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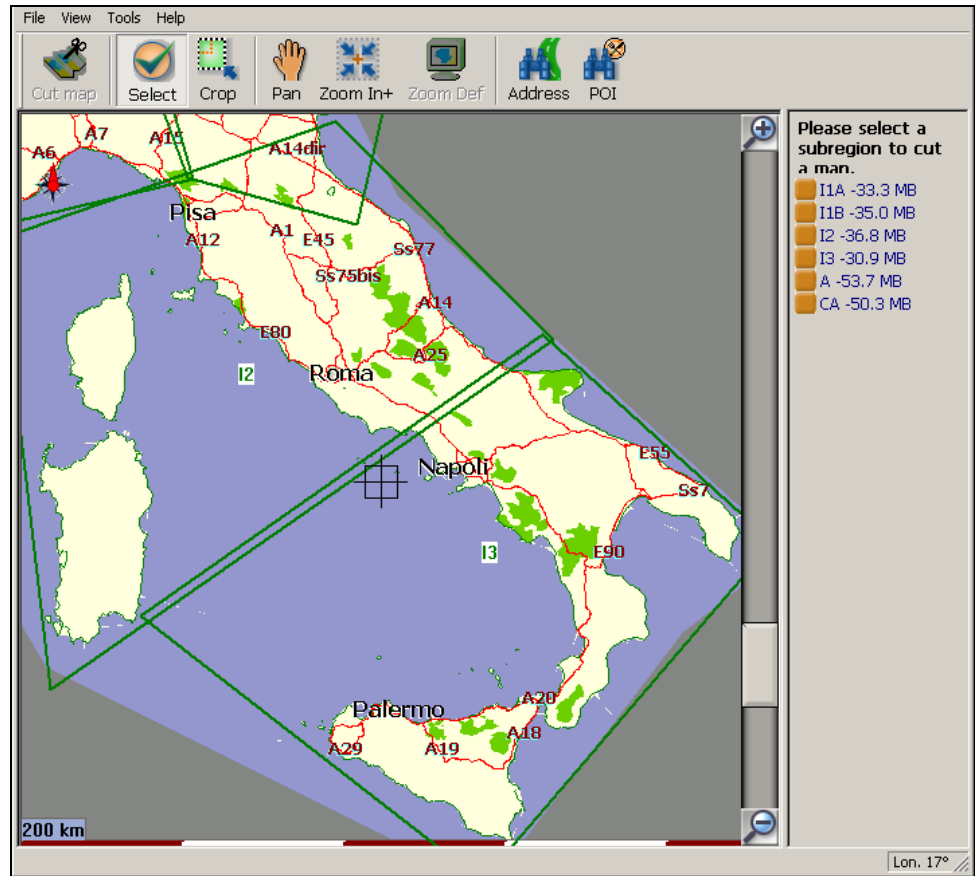


Figure 20 - Pre-Cut Selection Window

Do you have a specific **Address**, **POI** or **Region** that you need to map? On the In Destinator Cutter, on the **Toolbar** select **Address** **POI**, **zoom** or **sub-region** to **Cut**.

3. If you have a address choose the **Address**  button, select by: **City > Street and Home** or **City > Intersection**.
4. Eg: **City** - Milano then **Street and Home** - Giustiniano, Viale then click **Show Address**.

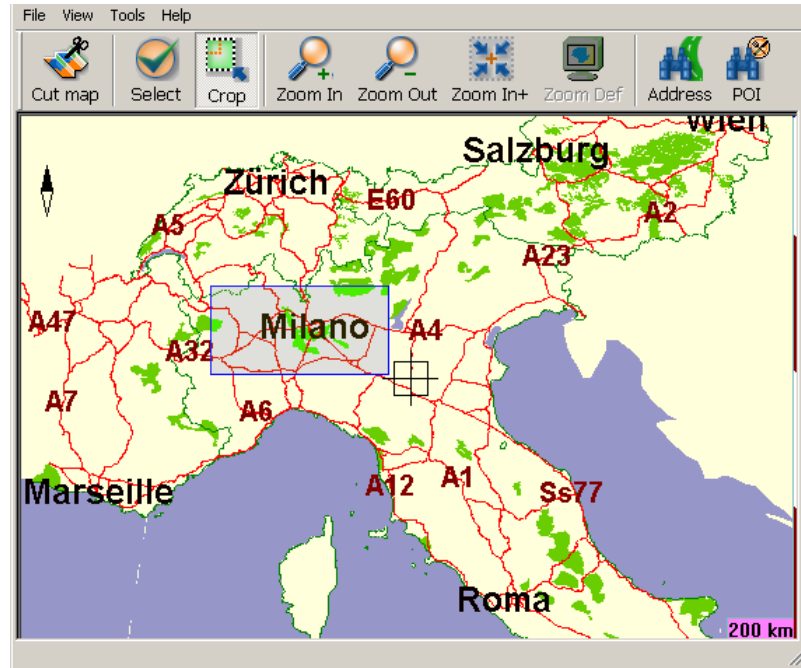


Figure 21 - Select Address Sub Region Window

5. In the Destinator Map Cutter main view the map is updated and selected area to be cut is centered and marked.

6. From **Toolbar**, click **Crop** , select on the map where to draw rectangular zone to be cut. (Move your cursor to the area marked and draw a box around the previously marked area).

7. Click **Cut Map**  to cut the selected zone.

Selecting Map by Intersection

If you need to select a map by Intersection:

1. From Toolbar click Address, then click City > Intersection.

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2. First, click **City** then the **1st Street** and then **Intersection**.
3. From the list, click **2nd Street**.
4. The map view is updated and area to be cut is centered.



5. From **Toolbar > Crop**, then on the map select where to draw rectangular zone to be cut.



6. Click **Cut Map** to cut the selected zone. See [Cut Maps](#) in Chapter 5.

Selecting Map by Points of Interest (POI)



1. From the **Toolbar** click .
2. Select the POI eg: **Golf Courses**.
3. Select your **Golf Course**. (Ensure that it is highlighted).



4. From **Toolbar > Crop**, - On the map select, with the mouse, where to draw Rectangular zone to be cut.



5. Click **Cut Map** to cut selected zone.

Selecting by Sub Region

(If you are ready using the Destinator Map cutter see step 3).

1. On the Destinator Console select the main map to load from, eg: **Italy**.



2. Click **Cut Map** . The Destinator Map Cutter is displayed.
3. A list of **sub-regions** is, displayed on the right hand of the selected map. Click on the sub-region to download.



4. Click **Cut Map** to cut selected zone.

5.8 Loading Newly Created Maps to Pocket PC

1. On the Destinator Console, to refresh **Standard Map** dialog, Click **Tools > Refresh New Map Data**.
2. Select the map(s) you wish to load by clicking on the map image or selecting them from the list. (✓) represents a selected map to install.
3. In Target device, click **Change** to select where to install the map(s). You can install to Main Memory, Storage Card or Removable Disk (External Reader).

You are, prompted to select the target device where maps are to be uploaded.

4. Choose one (highlight) eg: Storage Card, click **OK**.

Confirm that there is enough memory to install map.



5. Click **Install/Remove Maps**. A pop-up message requiring confirmation appears.

6. Press **OK** to load map.

Destinator Console will display a progress window to let you monitor the installation's progress.

7. When the map installation has completed, a Successfully loaded message appears. Press **OK**.

5.9 Removing Map(s) from Memory

If you do not have Destinator Console launched:

1. Insert the Destinator Disk 1, into the CD-ROM in your desktop computer, this automatically launches the **Destinator Console**.



Figure 22 - Change Target Device (Memory)

2. In **Target device** click **Change**, select from where (which memory) to remove map(s). This will update the **Installed Map** Window.
3. The Installed Map Window displays a list of all the loaded maps available. Click in the check box (✓) beside the map(s) you wish to remove.



4. Press the  button to remove the selected map.
5. **Destinator** requires that you confirm that you wish to remove the selected map(s).
6. Press **Yes**, the selected map(s) are removed from memory.

5.10 Activating New Maps

If you have purchased extra maps or upgrades, you may need an addition(al) activation key(s) before you can use them.

For example if you switch maps to an unregistered map, you will be prompted to register the map with the following Pop-up message.

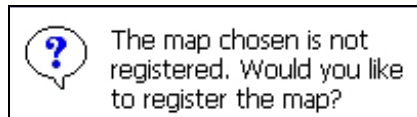


Figure 23 - Map Not Registered Pop-up



Note: You cannot use unregistered maps on **Destinator**.

1. Click **YES**. The **Destinator Activation Page** is displayed.

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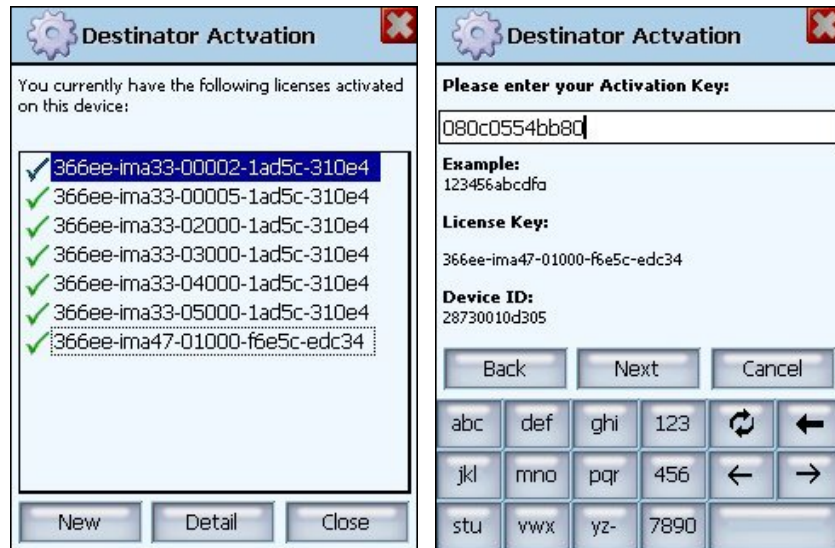


Figure 24 - Destinator Activation and Congratulations Dialogs

2. Click **+New** to add a new license. The **Congratulations Page** is displayed. Do not enter anything on this screen yet. Leave it as is.

See [Online Activation](#) in Chapter 3.

5.11 Removing Navigation Software

Remove the **Destinator** navigation software using the following method:

1. Insert the Destinator Disk 1 into the CD-ROM drive in your desktop computer to launch the Destinator Console.
2. Click **File > Remove Software**. You will need to confirm that you wish to remove **Destinator** and Maps. Press **OK**.

This will remove the complete **Destinator** navigational system installation - software and maps from your Pocket PC device.

5.12 Exit From Destinator Console

1. If you need to exit the Destinator Console **File > Exit**.
You will need to confirm that you want to **Exit the Destinator Console**.
2. Press **Yes** and you will exit.

6

Navigating a Route

6.1 Introduction

This chapter will help you to define and plan a route. You will be able to select a destination, set your origin, or plan a journey. The route calculated in real time is from your current GPS position.

There are several ways to determine your destination using the **Menu** button (). You can navigate to:

- **An Address**
- **An Intersection**
- **A ZIP/Postal Code**
- **A POI (Point Of Interest)**
- **An Address in Favorites**
- **An Address In History**
- **A Contact**
- **An SMS Inbox Item**

6.2 Map Description

There are various buttons and icons on the map screen that are used to plan and view a route.

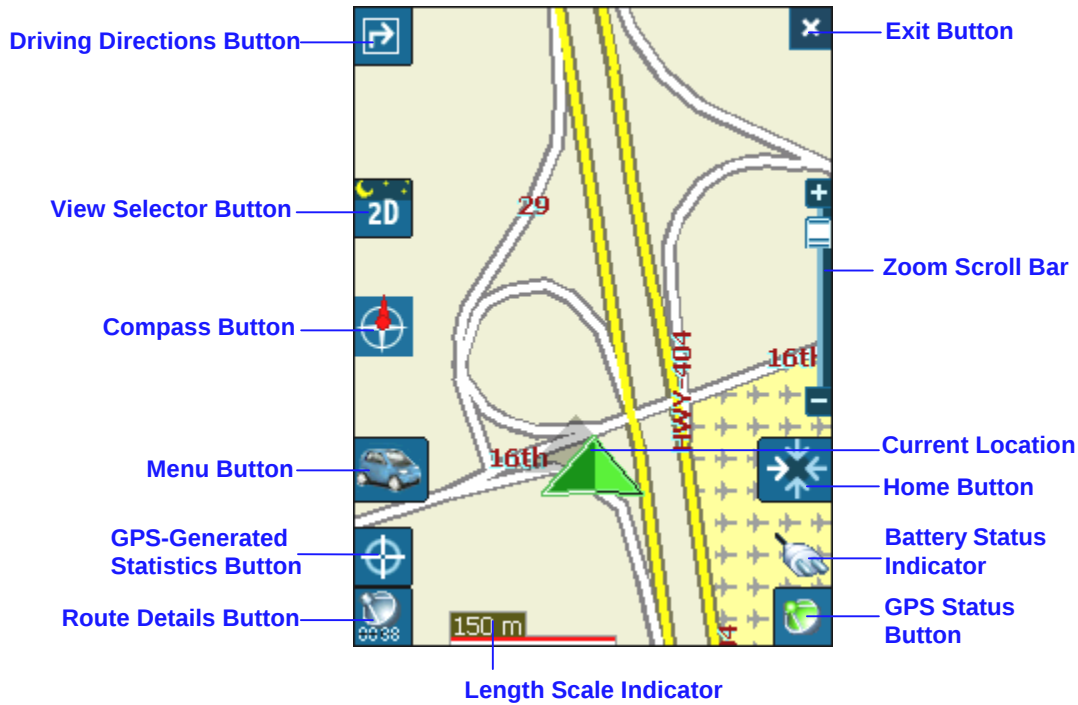


Figure 25 - Main Map View

Location Icons

 (or  in Pedestrian Mode) shows your current location while in **Navigation Mode**.

 (or  in Pedestrian Mode) shows your last known GPS location while in **Navigation Mode**. This is not your current location, because there is no valid GPS information at this time.

 (or  in Pedestrian Mode) shows the Origin in **Planner Mode**.

See **Section 8.7 Route Settings** for descriptions of Navigation Mode and Planner Mode.

Dynamic cursor

Destinator PN's screen cursor has the capability to automatically change its appearance so that you will be informed of several important navigation conditions:

- The cursor indicates if you are in Car or Pedestrian mode
- The cursor indicates if you are driving at high or low speeds. The cursor becomes elongated at higher speeds and wider at lower speeds.
- The cursor displays a shadow that shows the position of the Sun. This is especially important if you are using Destinator PN in Pedestrian mode. By positioning yourself so that the shadow that you cast is in the same position as the shadow on the screen, you can be assured that you are walking in the right direction.
- The cursor shadow disappears during night driving.

Map Screen Buttons



Toggles between Turn by Turn details and a complete list of Driving Directions.



Toggles between 2D, 2D Night, 3D and 3D Night views. The icon indicates the next view to be displayed.



Shows magnetic direction as you move.



Lets you define and plan your route via the Destination Menu. Also allows you to access the Options Menu and Settings

Menu. Indicates whether you are in Vehicle Mode () or

Pedestrian Mode (). You can change modes by holding down the button for several seconds, or by opening the Options



Menu and pressing either  or . In Pedestrian Mode, the navigation radius is restricted to 10 kilometres (6 miles).



Displays details about your route, such as ETA, ETR and the distance to your destination.



Displays GPS-generated information, such as UTM (Universal Transverse Mercator), geographic position, current location, altitude, and speed. The icon indicates the next item to be displayed.



Displays GPS status, such as information about your satellite fix, and the latitude, longitude and altitude of your position. The icon appears green when there is a GPS fix, and red when there is no GPS fix. Also provides a link to the GPS Settings screen.



Displays battery status. When the battery power is low, a message box will appear.



Calculates a route to a pre-set POI or address.



Lets you exit from the Destinator PN application.

Menu Button

This button is shared by two functions: Vehicle Mode () and

Pedestrian Mode (). You can toggle between these two modes by holding down this button for several seconds. In Pedestrian Mode, the navigation radius is restricted to 10 kilometres (6 miles).

Press the Plan Button to open the Destination Menu. Pressing the  and  buttons at the bottom of the screen allows you to cycle between the Destination Menu, the Options Menu and the Settings Menu as seen in Figure 26.



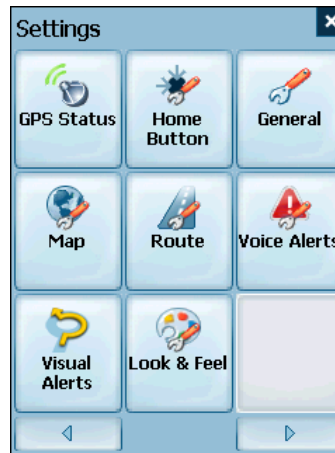


Figure 26 - Menu Structure

Landscape View

Destinator PN supports full landscape operation that is compatible with Windows Mobile SE devices. This view is particularly useful for navigation when you want to see more of your lateral surroundings. Destinator PN adjusts the screen view to fit either portrait or landscape mode.

6.3 The Destination Menu

1. At the map screen, press the  button to open the Destination menu.



2. You can choose your destination from the following options:

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- Address list
 - Point of Interest (POI) list
 - Favorites list
 - History list
 - Contact list
 - SMS Inbox
3. From your current position, the route is calculated and displayed as a blue line. The green triangle  represents your Origin (or departure point).

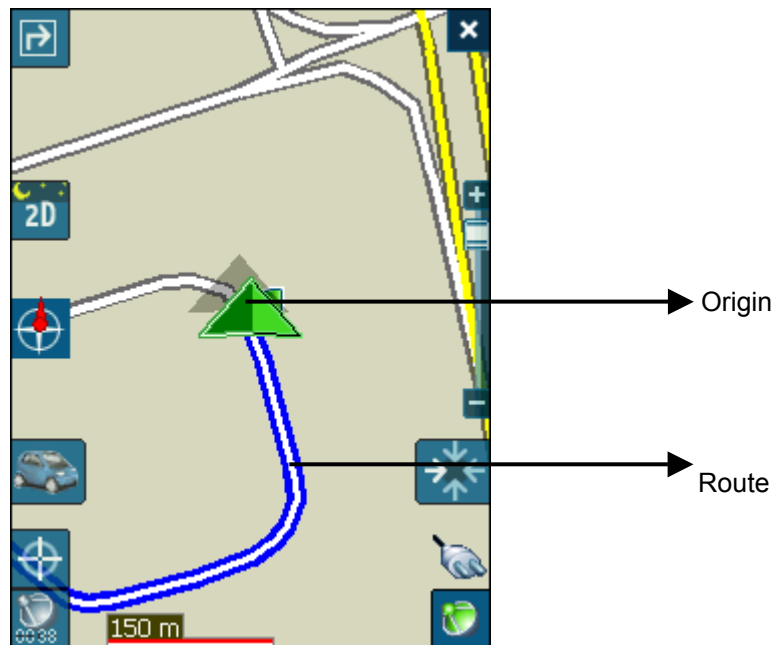


Figure 27 - Main Map View Dialog

6.4 Navigate To An Address (or Intersection)



When you navigate to an address, there are several ways of defining your destination. You can navigate to a destination by selecting an address, a ZIP/Postal Code, or an intersection.

The **Cross Region Navigation** feature lets you navigate a route that extends across more than one region on the same continent, without having to switch maps. This feature becomes available only when you have the following maps installed: the map of your origin, the map of your destination, and a map of the major roads for that continent (e.g. major roads of Europe). When the **Cross Region** feature is enabled, you can press **Region** to display a list of installed maps, and select the map pertaining to your destination. Destinator PN will automatically change maps as you travel across regions, displaying your route at the same level of detail as you drive. You will not need to switch maps during your route.

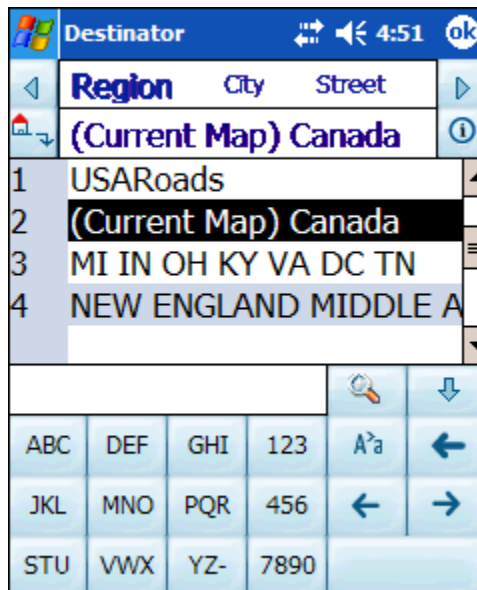


Figure 28 - Address Screen with Region Feature

The default order for entering your destination is City ->

Street -> Number, but by clicking on the  button, you can cycle through the different ways of specifying your address.

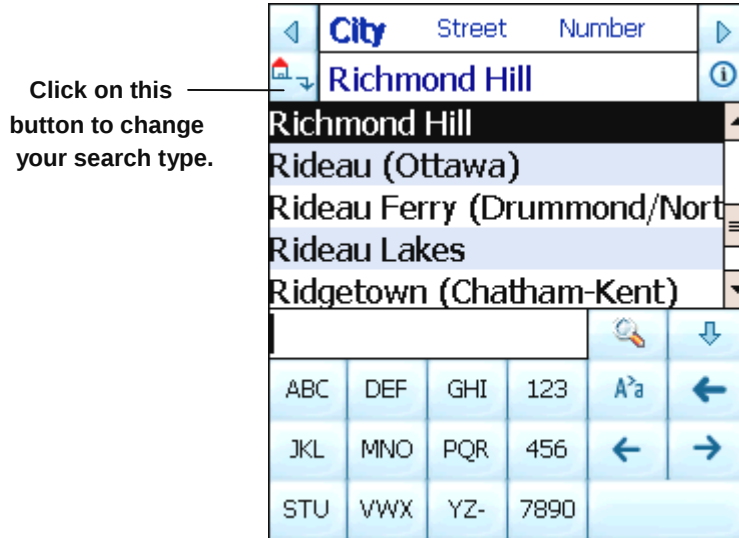


Figure 29 - Address Search Screen



Lets you search for an address by first entering the **City**, then the **Street**, then the **Number**.



Lets you search for an address by first entering the **Street**, then the **City**, then the **Number**.



Lets you search for an address by first entering the **ZIP/Postal code**, then the **Street**, then the **Number**.



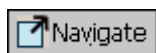
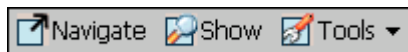
Lets you search for an address by first entering the **Street**, then the **ZIP/Postal code**, then the **Number**.



Lets you search for an intersection by entering the **City**, the first **Street**, then the intersecting **Street**.

For example, to navigate to an address using the **City -> Street -> Number** search order:

1. Press **Region** if you are navigating a route across several maps. Highlight your selection from the list of installed maps. (If only one map is installed, you will not see the Region option.)
2. Press **City** and use the keyboard to enter the first few characters of the city name. The scroll list will update accordingly. Press the  button to expand the list for easier scrolling. You can also change your keyboard from uppercase to lowercase by pressing the  button.
3. Press **Street** to display a list of street names for the selected city. Select the street name by entering the first few characters or by scrolling down the list (eg: Birch, Ave).
4. Not all cities/towns are mapped to the street level. In such cases, the software will display **Street data not found**. You can still navigate to the city as selected.
5. Press **Number** and enter the number using the keyboard.
6. Once you have entered your destination, there are several options available on the toolbar found at the bottom of the screen.



Calculates and displays your route, which is shown as a blue line on the map.



Shows the destination on the map and displays its details.

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Allows you to add the destination to your Favorites Folder, or to set it as your Origin.

If you are using a PPCPE device, you can also send (as an SMS message) the location to someone in your Contacts list. Click on **Send Location**. The SMS message will automatically include the location of the highlighted address. See Appendix C for more information about sending locations.

As you drive, **Destinator PN** provides you with turn-by-turn voice and visual directions, letting you know when your next turn is coming up until you arrive at your destination.



If you don't know the entire name of a city or street, type in part of the name and press the  button. This will display a list of all names containing your typed sequence.

For more information on a City, Street or Number click  to display details about the location, such as its city, street name, and latitude and longitude coordinates.

Note:

Some smaller (sub-) municipalities may not contain street data. In such cases, please choose the larger (super-) municipality displayed in parentheses to search for these streets. Alternatively, you can change the search order to Street>City or ZIP/Postal Code>Street to find street data for the smaller municipality.

6.5 Navigate To A Point of Interest (POI)



The **Points of Interest (POI)** list is a collection of potential destinations of interest in predefined categories. POIs are identified on the map by various icons (eg: 🍴 **Restaurants**). POI navigation is especially handy when you need to find a facility, attraction or amenity by category or type. For example, you can ask **Destinator PN** to guide you to the closest bank, mall, hotel, restaurant, gas station, etc.

The **Cross Region Navigation** feature lets you navigate a route that extends across more than one region on the same continent, without having to switch maps. This feature becomes available only when you have the following maps installed: the map of your origin, the map of your destination, and a map of the major roads for that continent (e.g. major roads of Europe). When the **Cross Region** feature is enabled, you can press **Region** to display a list of installed maps, and select the map pertaining to your destination. Destinator PN will automatically change maps as you travel across regions, displaying your route at the same level of detail as you drive. You will not need to switch maps during your route.

1. From the Destination Menu, press the **POI** button.
2. Press **Region** if you are navigating a route across several maps. Highlight your selection from the list of installed maps. (If only one map is installed, you will not see the Region option.)

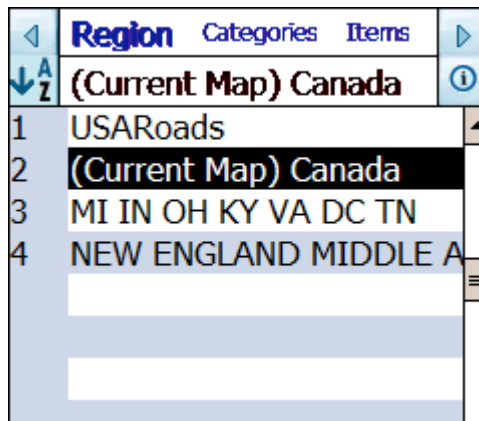


Figure 30 - POI Regions

3. Press **Category** and highlight your selection from the list of POI categories. For example, we can search for the nearest restaurant.

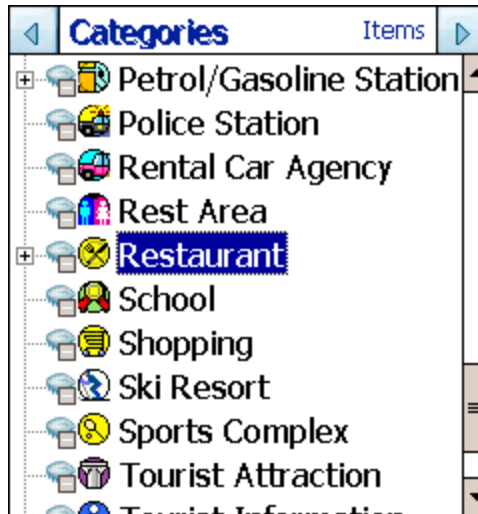


Figure 31 - POI Categories



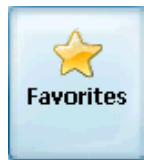
At this point, you can display all the items within a category on the map screen by tapping the  button beside any of the categories. When selected, the button will appear as . Press  to return to the map screen.

4. With Restaurants highlighted, tap **Items** to display a list of Restaurants in your area. Press the  button to expand the list. The POIs are listed in order of distance. To sort them alphabetically, press the  button.
5. Highlight your choice and click  to calculate your route. The route is shown on the map as a blue line from your current GPS position.
6. You can select  to preview your destination on the map, or press  to add the destination to your Favorites or to set it as your Origin. Select Settings to define your Search Radius and Search Center.
If you are using a PPCPE device, you can also send (as an SMS message) the location to someone in

your Contacts list. Click on **Send Location**. The SMS message will automatically include the location of the highlighted POI. See Appendix C for more information about sending locations.

As you drive, **Destinator PN** provides you with turn-by-turn voice and visual directions, letting you know when your next turn is due.

6.6 Navigate To A Favorite



You can select a destination from your list of stored **Favorites**. (The next section describes how to save an item to your **Favorites** list.)

A Favorite is an address or destination previously stored by you for quick and easy retrieval. You can also save, edit or delete destinations from this folder.

1. From the Destination menu, press the **Favorites** button. Your list of Favorites categories is displayed.
2. Highlight **My Favorites** and tap **Items**. A list of stored items is displayed.
3. Highlight your selection and click  to calculate your route. The route is shown on the map as a blue line from your current GPS position.
4. You can also select  to preview your destination on the map, or press  to edit or delete your choice, or to set it as your Origin.

If you are using a PPCPE device, you can also send (as an SMS message) the location to someone in

your Contacts list. Click on **Send Location**. The SMS message will automatically include the location of the highlighted Favorite. See Appendix C for more information about sending locations.

As you drive, **Destinator PN** provides you with turn-by-turn voice and visual directions, letting you know when your next turn is due.

6.7 Save To Favorites

When selecting a Destination which you may use regularly, you can save it to your personalized **Favorites** list.

1. At the map screen, press the  button to open the Destination menu.
2. Select and specify your desired destination as described previously, be it from **Address, POI, History** or **Contacts**.
3. To save the location in your **Favorites** folder, click the  button and select Favorites. The Edit Item Properties screen is displayed.



Edit Item					
Name	Royal Bank, RR-8 / Woodbi				
Comment	Phone: 905-5138508				
Categories	My Favorites ▼				
Point: 79.3627 W, 43.8675 N					
Save			Cancel		
ABC	DEF	GHI	123	Aa	←
JKL	MNO	PQR	456	←	→
STU	VWX	YZ-	7890		

Figure 32 - Adding An Item to Favorites

4. Enter a name and comment that will help you recognize the item in future.
5. Enter a new category name (eg: Must see) or select an existing one and press **Save**.

Your favorite destination has now been stored for future use.

6.8 Navigate To A History Item



History allows you to select an existing destination from a list of previously traveled routes. The software automatically stores the last few destinations in memory. As each new route is added to the top of the list, the older destinations at the bottom are erased.

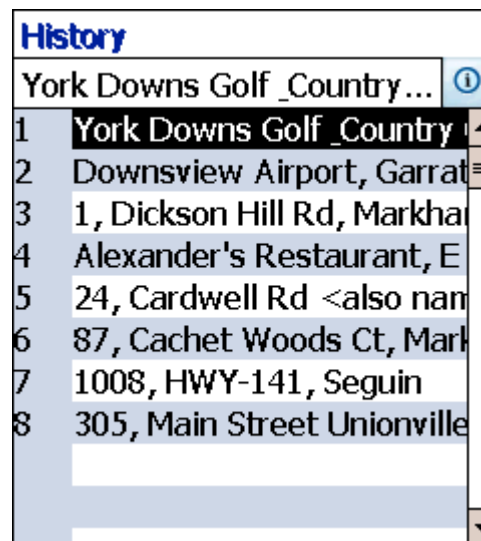


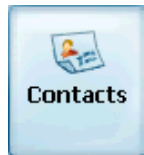
Figure 33 - History List

1. From the Destination Menu, press the **History** button to display your list of previously traveled routes.

2. Highlight your selected History item and click  to calculate your route. The route is shown on the map as a blue line from your current GPS position.
3. You can also select  to preview your destination on the map, or press  to add the destination to your Favorites or to set it as your Origin.

If you are using a PPCPE device, you can also send (as an SMS message) the location to someone in your Contacts list. Click on **Send Location**. The SMS message will automatically include the location of the highlighted History item. See Appendix C for more information about sending locations.

6.9 Navigate To A Contact



Your PDA includes a Contacts folder, which can be found under the Start menu. The Contacts folder contains a list of contact information for people and places. Destinator PN lets you use the address specified in a contact as a navigation destination.

1. From the Destination Menu, press the **Contacts** button to display your list of contacts.



Figure 34 - Contacts List

2. Highlight the contact you want to navigate to, and press **Info** to display detailed information for your contact. Confirm that this is the address you want to navigate to.



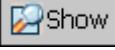
Figure 35 - Contact Info Screen

3. Press **Address** and a list of addresses that closely match the one defined in the contact is displayed. If no address information exists for that contact, a message box will appear.



Figure 36 - List of Possible Addresses

4. Highlight your selection and click  to calculate your route. The route is shown on the map as a blue line from your current GPS position.

5. You can also select  to preview your destination on the map, or press  to edit your choice, add it to your Favorites, or set it as your Origin.

If you are using a PPCPE device, you can also send (as an SMS message) the location to someone in your Contacts list. Click on **Send Location**. The SMS message will automatically include the location of the highlighted Contact. See Appendix C for more information about sending locations.

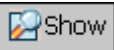
6.10 Navigate To An SMS Inbox Item

Destinator PN allows you to receive a location from someone via an SMS message. This feature is available only if you have a PPCPE device. In order to send you a location, the sender must also have a PPCPE device that is running Destinator PN, or a Destinator SP (SmartPhone). The SMS message will include a location to which you can navigate.

When you are at the main map screen, you will be notified by an Alert Icon  when an SMS message is received. To navigate to the location sent to you via an SMS message:

1. Tap on the Alert Icon to open the SMS Inbox. A list of received SMS messages is displayed.



2. The item at the top of the list is the most recent SMS message. When you highlight this item, information about the location is displayed at the bottom of the screen.
3. With the SMS message highlighted, click  to calculate your route. The route is shown on the map as a blue line from your current GPS position.
4. You can select  to preview your destination on the map, or press  to add the destination to your Favorites or to set it as your Origin.

If you are using a PPCPE device, you can also send (as an SMS message) the location to someone in your Contacts list. Click on **Send Location**. The SMS message will automatically include the location of the highlighted item. See Appendix C for more information about sending locations.

You can also access your SMS Inbox from the Destination Menu. The SMS Inbox button will be enabled only if you have a PPCPE device.

6.11 Navigate To A Point on the Map

You can navigate to any point on the map by tapping its location directly on the map screen. This feature is especially handy when you want to navigate to a specific point you see on the map, but you don't have its street address.

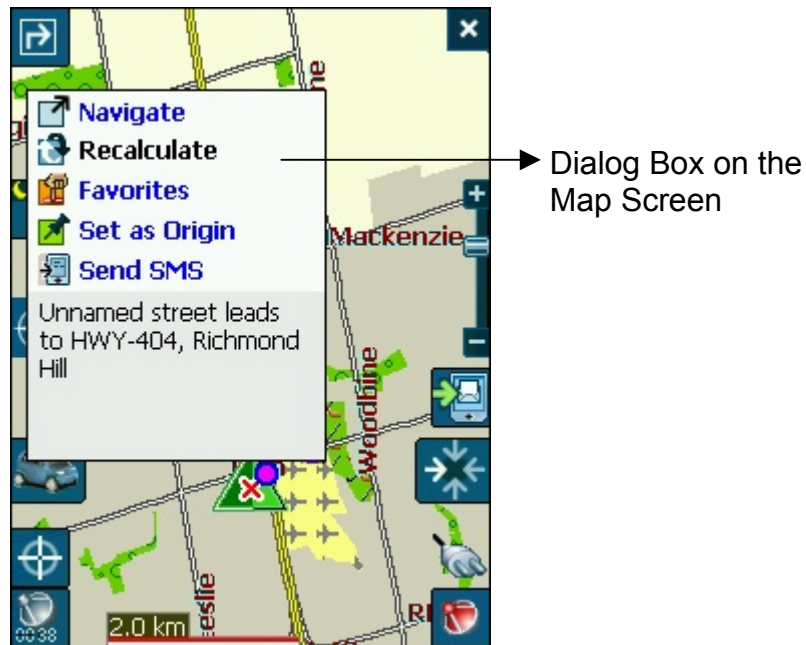


Figure 37 - Map Cursor Dialog

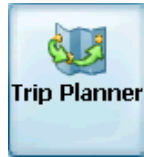
1. Use the stylus to scroll or drag the map to a specific point, and then tap the desired location.
2. A dialog box displays the address of that point, and lets you select whether you want to navigate to it, recalculate your route, add the point to your Favorites, or set it as your Origin (if you are in Planner Mode).
3. To clear the cursor dialog, just tap the screen again.
4. If you are using a PPCPE device, you can also send (as an SMS message) the location of any point on the map to someone in your Contacts list. The SMS message will automatically include the location of the highlighted History item.

Tap on any point on the map and click on **Send Location**. See Appendix C for more information about sending locations.



If you need to reset the point of **Origin**, tap the map screen to open the **Cursor Dialog**, and select **Set As Origin**. All new route calculations will use this as the starting point, but only if you are in Planner Mode. In Navigation Mode, your current GPS location is always your Origin.

6.12 Trip Planning



Trip planning is useful when you have more than one destination along your route. This process is similar to the procedures used to enter or select a destination and initiate navigation, except that you must be in Planner Mode.



When you press , the Route is calculated in stages, from the departure point to the first waypoint. Once you've reached the first waypoint, the route is recalculated to the second waypoint, and then recalculated to the third waypoint, and so on.

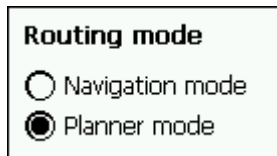
How to Use Trip Planning

Use the following method to plan a trip:

1. Ensure you are in **Planner Mode**. To do this, press the  button and cycle to the Settings Menu.



2. Press Route Settings and for Routing mode, select Planner mode.



3. Press the  button to save and return to the map screen.

4. At the map screen, press the  button and select

Trip Planner  from the Destination menu.



Note: If this is the first time you are using Trip Planner you will need to create a Trip Folder in which to store your trip details. You can use any name. For this example we will be using **My trip**.

5. From the tool bar at the top of the screen, click **Tools** and select **Add** to create a trip folder.

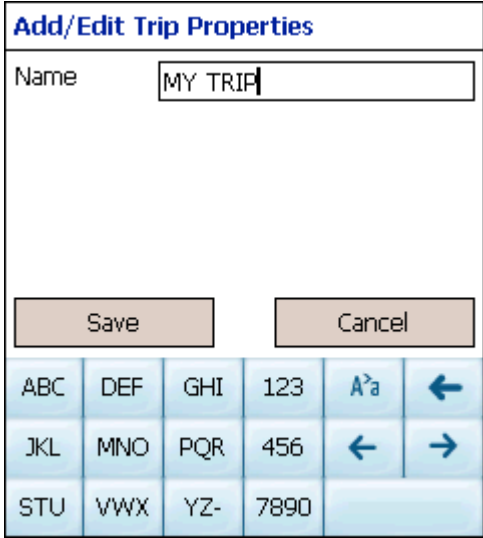


Figure 38 - Adding a Trip Folder

6. Enter the name of your trip folder (e.g. My trip) and press **Save**. You can now enter the waypoints of your trip.

What is a waypoint? A waypoint is a stop or break in your journey, along a predefined route.

7. Highlight your trip folder, and press **Waypoints** above to define your waypoints.
8. From the tool bar at the bottom, click **Tools** and select **Add** to define your waypoints.

9. Select the address of your first waypoint – be it an **Address, POI, Favorites** or **History** – and press .
10. In the **Edit WayPoint Properties** screen, you can change the name or details of the waypoint. Press **Save** to add to your trip.

Repeat steps 6 to 9 to enter all the waypoints.

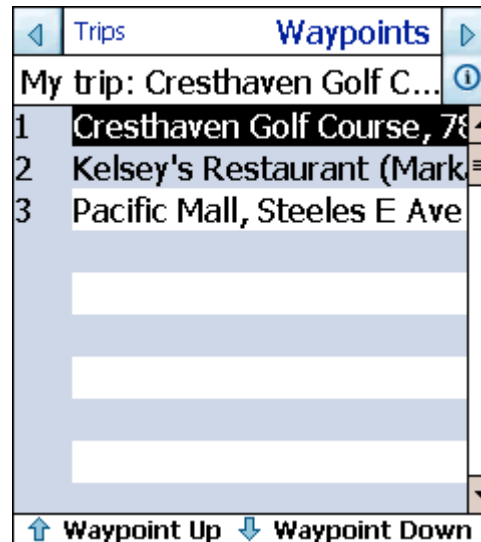
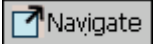


Figure 39 - Trip Planner and Waypoints Dialogs

11. Select the **Show**  button to view the complete route. The first part of the route is shown as double blue lines. The remaining parts of the route are shown in a series of single line vectors.
12. Using  **Waypoint Up** or  **Waypoint Down**, you can change the order of your waypoints to suit your purposes.
13. You can also click on **Tools > Optimize**, which will automatically sort the waypoints for the most effective and quickest route.
14. To calculate the route, press **Navigate** .



* Remember to change back to Navigational Mode. *

See **Section 8.7 Route Settings** for a description of Navigation Mode and Planner Mode.

6.13 Avoid Roads



You can specify that certain roads be excluded from your route calculations. For example, you may prefer to not travel on any toll roads.

1. From the Destination Menu, press the **Avoid Roads** button to display a list of road categories.

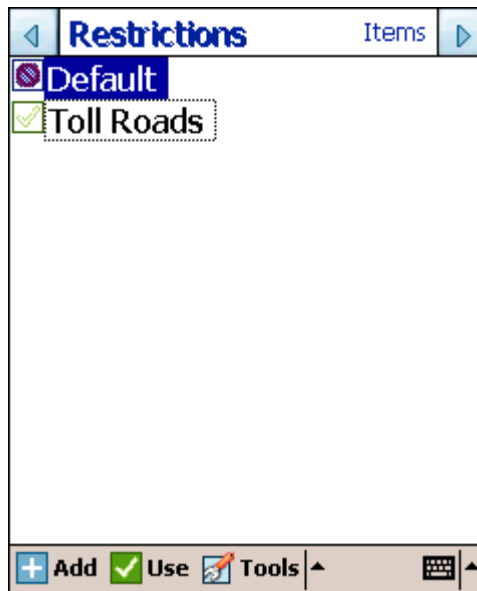


Figure 40 - Avoid Roads (Restrictions)

2. To place restrictions on a desired road category, highlight **Restrictions** and press  **Use** or  **Avoid** to suit your preference. Press  **Add** to add a new category.
3. Tap on **Items** to list all the roads in a highlighted category. To specify restrictions for a particular road, highlight it and press  **Use** or  **Avoid**. To preview a highlighted road on the map screen, press the  **Tools** button and select **Show**.

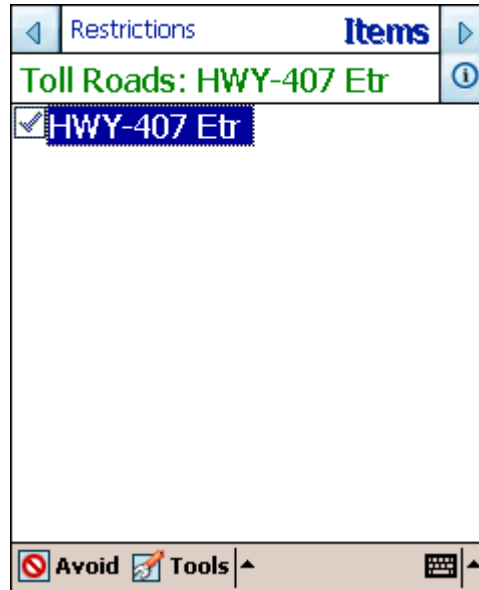


Figure 41 - Avoid Roads (Items)

4. Once you have specified your road restrictions, press  to return to the map screen.

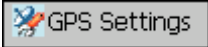
6.14 TMC



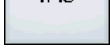
Destinator PN supports **TMC** (Traffic Message Channel).

TMC messages are national and regional public radio FM transmissions that are used to inform drivers of traffic, weather, and other driving conditions. TMC information is received by your PDA's TMC-enabled GPS receiver and monitored by Destinator PN software. Destinator PN can automatically reroute your travel to avoid areas that TMC indicates might be troublesome to drivers. For instance, if there is a traffic jam, storm, or accident in your vicinity, Destinator PN can recalculate your route to avoid the problem. Note that TMC is currently not broadcasted in North America.

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Follow the procedure below to configure TMC settings. Be sure you have first enabled TMC by pressing the  button, clicking on , and placing a check mark (✓) in the box beside **TMC GPS**.



1. From Destination menu, select  to display the TMC Inbox.
2. Select Settings to display the TMC Settings dialog. Configure the settings on the dialog.

TMC Events: Check the boxes corresponding to events that you want the Destinator PN software to monitor when it needs to recalculate your route. If you clear all events, Destinator PN will not report any TMC occurrences.

TMC Effective Radius: Select the maximum effective distance that will be used in reporting TMC events. Destinator PN will process only those TMC events that occur within this radius of your constantly-changing position on the road.

TMC Avoidance: Check this box to cause Destinator PN to automatically recalculate your route to avoid TMC events that it is monitoring. If you do not select this option, you will have to manually select which TMC event is to be avoided and which is to be ignored, as the next section describes. You will still be alerted to TMC events whether you check this box or not.

3. Close the TMC Settings dialog and then close the TMC Inbox.

To View TMC Events

1. From the Destination menu, select TMC to display the TMC Inbox.
2. To see a TMC event on a map, highlight the event and select Show.

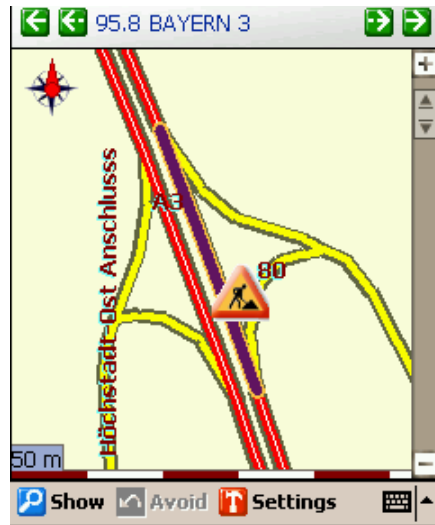


Figure 42 - TMC Inbox

3. To search for TMC events that are being broadcasted by other FM channels, select the arrows in the upper right and left corners of the screen. The outside left and right arrows scan FM stations continuously for TMC information. The inside arrows let you adjust the FM frequency station by station. The frequency and call name of the station currently received is displayed in the upper portion of the screen between the arrows.

To Enable a TMC Event (Manual avoidance only)

If you have chosen automatic avoidance, Destinator PN will recalculate your route automatically to avoid TMC events that affect your route.

However, if you have not chosen automatic avoidance, you must manually select the TMC events that you want Destinator PN to avoid.

To select a TMC event to avoid:

1. From the Destination menu, select TMC to display the TMC Inbox.
2. Highlight the TMC event you want Destinator PN to avoid in your route calculation and select the Avoid button. The Avoid button is available only if you have not chosen automatic avoidance. In addition, once

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you avoid a TMC event in manual mode, the Avoid button will not be available for that TMC event again.

TMC Banner

Whenever Destinator PN receives a TMC event that occurs within the effective radius, a scrolling banner is displayed on the bottom of the map screen. The banner briefly describes the TMC occurrence.

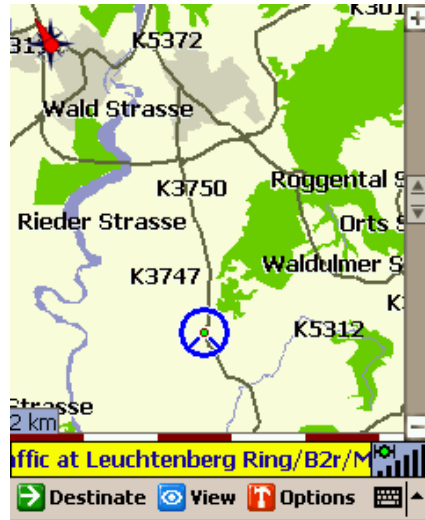


Figure 43 - TMC Message Displayed on Map

7

Options

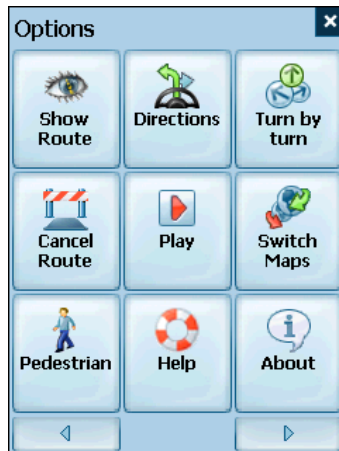
7.1 Introduction

There are various route and map options available from the Options Menu.

This chapter contains the following topics:

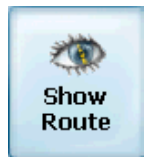
- Showing your Route
- Displaying Directions
- Canceling your Route
- Recording and Playing Back a Route
- Switching Maps
- Selecting Travel Mode
- Getting Help

7.2 The Options Menu



The Options Menu provides choices for displaying your route, displaying your driving directions, canceling a route, playing and recording a route, switching maps, selecting your mode of travel, and getting help with basic navigation.

7.3 Show Route



This option displays your route on the map screen in its entirety, plus details such as the address of and distance to your destination, the ETA (Estimated Time of Arrival), and the ETR (Estimated Time Remaining).

7.4 Driving Directions



This function displays a visual list of your route, distances to each maneuver, and street names. By using the scroll bar on the right hand side, you can scroll through the entire route. Tapping on the maneuver twice displays that part of the route.

Voice and visual prompts (displayed at the top of the screen) are provided at varying intervals to indicate your next turn or change of direction.

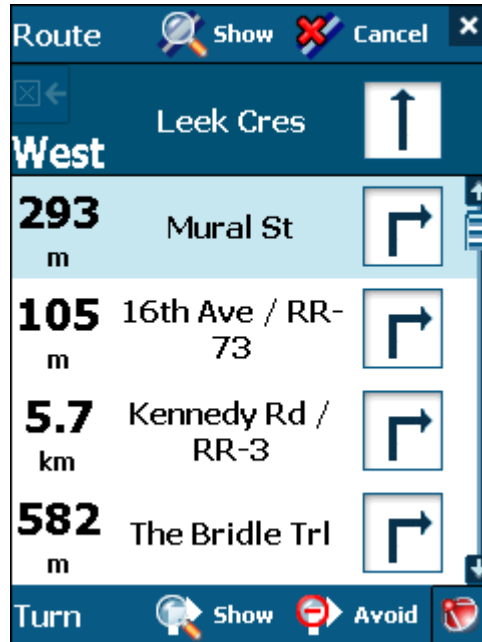


Figure 44 - Driving Directions

The Driving Directions screen also gives you several route options:

Show Route



Displays your route on the map screen in its entirety, plus details such as the address of your destination, the ETA, and the ETR.

Cancel Route



Cancels and clears the route from the map screen.

Show Turn



Displays the highlighted portion of the list on the map screen, including the street name, distance to it, and an arrow diagram to indicate the turn. You can also use the **Prev** and **Next** arrows to scroll to the previous or next turn.

Avoid Turn



Will recalculate your route to exclude this particular turn or maneuver.

7.5 Turn By Turn



This view indicates the distance to your next turn, and the name of the next street immediately after completing the previous turn.

Voice and visual prompts are displayed at varying intervals to indicate your next turn or change of direction.



Figure 45 - Turn by Turn Dialog

7.6 Cancel Route



Cancels and clears the route from the map screen.

7.7 Play



This feature allows you to record your route as you're traveling, and then to play it back on the map screen at a later time. From the Play/Record screen, you can record a route, play back a route, change the speed of the playback, and delete recordings. Pressing  returns you to the map screen.

7.8 Switch Maps



This feature lets you switch between your maps. The Switch Maps screen also displays details and version numbers of your maps, and allows you to delete maps.

7.9 Travel Mode



You can further define your route according to whether you are traveling by car or on foot. This button lets you switch to

Pedestrian Mode or Vehicle Mode. In Pedestrian Mode, the navigation radius is restricted to 10 kilometres (6 miles).

7.10 Help



This button launches an abbreviated help file with basic navigational definitions and instructions.

7.11 About



Displays software version and details about your Destinator PN application.

8

Settings

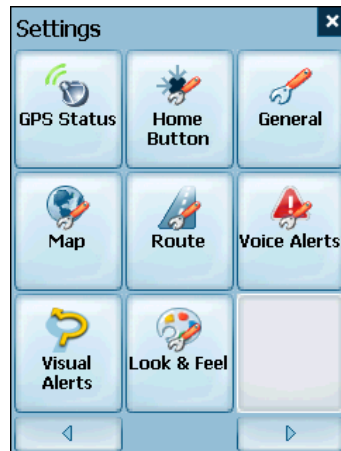
8.1 Introduction

You can easily change the default settings of maps, views and route parameters to suit your personal preferences.

This chapter contains the following topics:

- GPS Status
- Home Button Settings
- General Settings
- Map Settings
- Route Settings
- Alert Settings
- Visual Notifications
- Look & Feel

8.2 The Settings Menu



The Settings Menu allows you to change the settings which determine how your route is calculated or displayed.

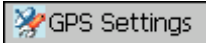
8.3 GPS Status And Settings



Destinator PN uses GPS signals to pinpoint your location. In **Navigation mode**, the software automatically acquires GPS signals and constantly updates your vehicle's location and position. The GPS may take a few minutes to find its current location initially. For best results, ensure that the GPS has a clear view of the sky.



Figure 46 - GPS Status Screen

To view your GPS configuration, click on the  button. You can access this button via the **Settings Menu > GPS Status**, or by clicking on the  button on the map screen.

The GPS Settings Dialog box contains the following configuration options:

- COM Port:
- Baud Rate:
- Protocol:
- ☒ Automatic reconnect
- ☐ TMC GPS (Real Time Traffic)
-
-

Figure 47 - GPS Settings Dialog

GPS Settings Configuration menu:

1. **COM Port** - Defines the Communications Port.
2. **Baud Rate** - Transmission rate of data.

3. **Protocol** - Default is NMEA.

Automatic reconnect – Select this option to ensure automatic reconnection whenever the GPS signal is lost.

TMC GPS (Real Time Traffic) – Select this option to enable the TMC function. See **Section 6.14 TMC** for a detailed description of this feature.

Find GPS – Searches for and locates the GPS signal.

Set GPS - Sets the GPS Configuration.

Press the  button to save your selections and return to the **GPS Satellite** graphic screen.

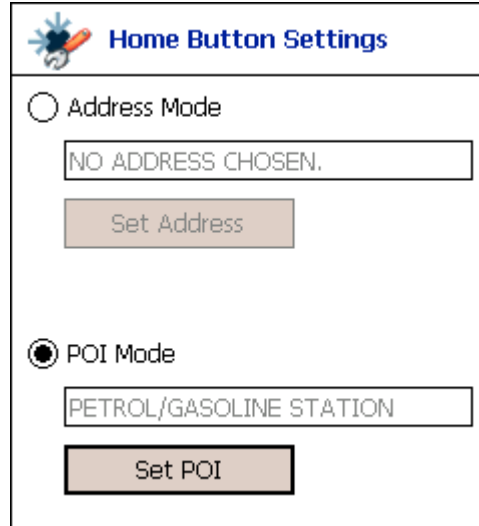
8.4 Home Button Settings



The Home Button Settings button lets you define an address or POI as your home destination. Whenever you want to navigate to your home destination (for example, the nearest

gas station), press the  button.

In the Home Button Settings screen, select either POI Mode or Address Mode to set your desired destination.



The screenshot shows the 'Home Button Settings' screen. At the top, there is a blue gear icon and the title 'Home Button Settings'. Below this, there are two radio button options. The first is 'Address Mode', which is currently unselected. Below it is a text input field containing 'NO ADDRESS CHOSEN.' and a 'Set Address' button. The second option is 'POI Mode', which is selected with a black dot. Below it is a text input field containing 'PETROL/GASOLINE STATION' and a 'Set POI' button.

Figure 48 - Home Button Settings Screen

Press the  button to save and return to the map screen.

Now, when you press the  button, **Destinator PN** will automatically calculate a route to this destination.

8.5 General Settings



The General Settings screen allows you to choose the unit of measurement for your route.

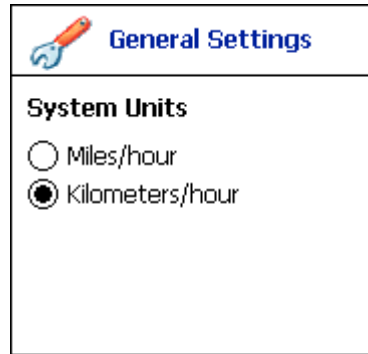


Figure 49 - General Settings Dialog

All distances are displayed in imperial or metric units.

1. **Imperial** (Miles and yards)
2. **Metric** (Kilometers and meters)

Press the  button to save your selection and return to the map screen.

8.6 Map Settings



The Map Settings screen lets you customize your map display.

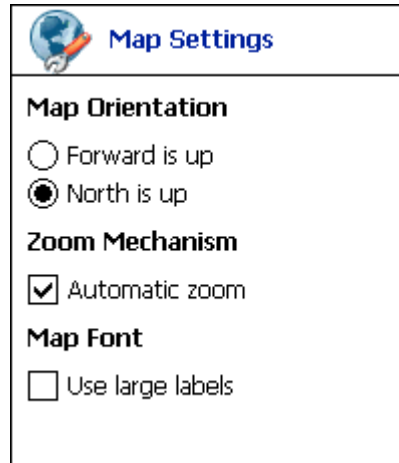


Figure 50 - Map Settings Dialog

Map Orientation

Forward is up – orients the map so that your forward direction is always at the top.

North is up – orients the map so that north is always at the top.

Zoom Mechanism

Automatic Zoom – ensures that the zoom will return to its previous level after several seconds of inactivity.

Map Font

Use large labels – increases the size of street names to make the map easier to read.

Press the  button to save your selections and return to the map screen.

8.7 Route Settings



The Route Settings screen lets you choose the parameters for route calculation.


Route Settings

Routing mode
☒ Navigation mode
☐ Planner mode

Route generation
☒ Quickest route
☐ Shortest route

U Turn Usage
☐ U Turn enabled

Figure 51 - Route Settings Screen

Routing Mode

Navigation Mode – Provides voice instructions as you drive.

This mode is the one you will use most frequently. Destinator PN uses the satellite-based global positioning system (GPS) to constantly detect your current position. As you drive, your location is compared to the destination you have chosen and you will be constantly provided with accurate driving directions. Even if you accidentally drive off course, Destinator PN will direct you back on track.

Planner Mode – Displays a route on the map.

You set an origin and a destination, and Destinator PN displays a map that shows you the route. In this mode of operation, the satellite-based global positioning system (GPS) is not used. Your current position is not detected and Destinator PN does

not keep track of your driving progress. Use Planner Mode for trip planning.

Route generation

Quickest route – Destinator PN calculates the route by picking the shortest distance and highest speed limits.

Shortest route – Destinator PN calculates the route by picking the shortest distance.



Note: Route generation excludes any detours, stops or delays along the route.

U Turn Usage

U Turn enabled - If you select this option, the route will be calculated by including any U Turns that are needed. If you clear this option, the route will be calculated without any U Turns. (This feature is included because some drivers prefer not to make U Turns.)

Press the  button to save your selections and return to the map screen.

8.8 Alert Settings



This screen displays warnings and alerts which, when selected, will provide voice prompts.

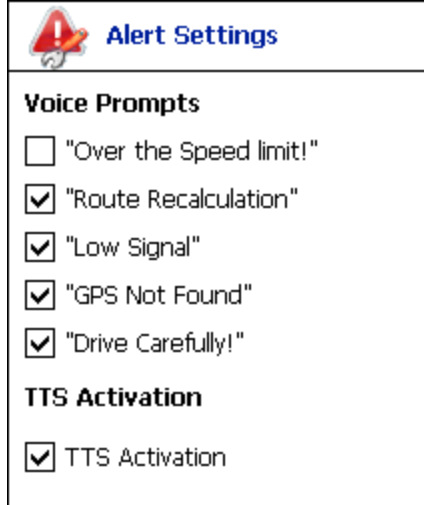
The image shows a screenshot of the 'Alert Settings' dialog box. At the top left is a red warning triangle icon with a white exclamation mark. To its right is the title 'Alert Settings' in blue text. Below the title bar, the dialog is divided into two sections. The first section is titled 'Voice Prompts' in bold. It contains five list items, each with a checkbox: 'Over the Speed limit!' (unchecked), 'Route Recalculation' (checked), 'Low Signal' (checked), 'GPS Not Found' (checked), and 'Drive Carefully!' (checked). The second section is titled 'TTS Activation' in bold. It contains one list item with a checked checkbox: 'TTS Activation'.

Figure 52 - Alert Settings Dialog

Voice Prompts

1. **Speed Limit** - Gives you a voice prompt when your car exceeds the speed limit on this section of the road.
2. **Route Recalculation** - If you deviate from the original route, **Destinator PN** automatically recalculates a new route and updates ETA and distances.
3. **Low Signal** - Warns that you are in an area of low GPS signal.
4. **GPS Not Found** - Alerts you if the GPS signal is lost, or if power is removed from the GPS receiver.
5. **Drive Carefully** - Friendly reminder at the start of each journey.

TTS Activation – Check this box to enable the TTS function.

The TTS (Text To Speech) feature inserts street names into the voice prompts at 200 meters prior to a maneuver, as well as when you reach the maneuver.

In order to become active, TTS must first be installed from the Console.

Press the  button to save your selections and return to the map screen.

8.9 Visual Notifications



The Visual Notifications screen lets you choose how Destinator PN notifies you of your upcoming turns.

A screenshot of the "Visual Notifications" screen. At the top, there is a header bar with a yellow question mark icon and the text "Visual Notifications". Below the header, the title "Visual Notifications" is displayed. Underneath, there are three radio button options: "Text", "Symbols" (which is selected), and "None".

Visual Notifications	
☐	Text
☒	Symbols
☐	None

Figure 53 - Visual Notifications Screen

1. **Text** – Visual notification is displayed in written form.
2. **Symbols** – Visual notification is displayed in pictorial form (as an arrow diagram).
3. **None** - No visual prompts are displayed.

Press the  button to save your selections and return to the map screen.

8.10 Look & Feel



The Look & Feel screen allows you to customize how Destinator PN looks and sounds.

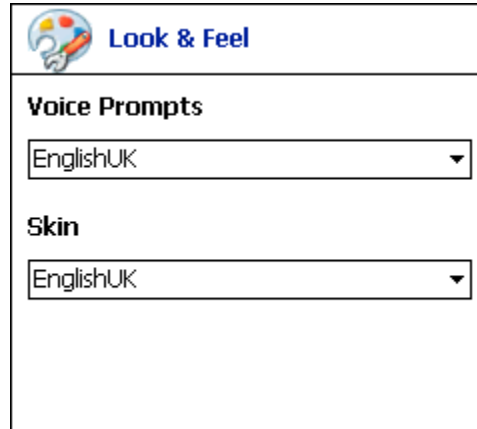
A screenshot of the "Look & Feel" settings screen. At the top, there is a header bar with the "Look & Feel" icon and text. Below this, the screen is divided into two sections. The first section is titled "Voice Prompts" and contains a dropdown menu with "EnglishUK" selected. The second section is titled "Skin" and also contains a dropdown menu with "EnglishUK" selected. The background of the screen is white, and the text is in a black, sans-serif font.

Figure 54 - Look & Feel Screen

Voice Prompts – Default or change to different voice. See Destinator Community at www.destinator1.com. Click on Community, login and select Skin Designer.

Skin – Default skin or different skins, if available. See Destinator Community at www.destinator1.com. Click on Community, login and select Skin Designer.

Press the  button to save your selections and return to the map screen.

9

Changing Map Views

9.1 Introduction

You can change your view of the map, and the way in which the map is displayed on the screen.

This chapter contains a description of the following topics:

- How to Zoom and Scroll
- Types of Views
- Day or Night Mode

9.2 How to Zoom and Scroll

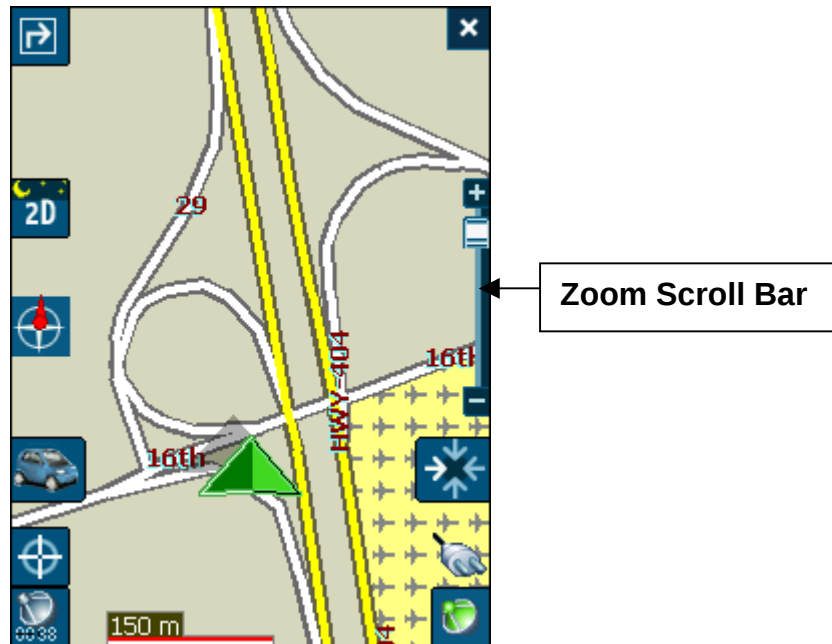


Figure 55 - Zooming Scroll Bar Window

The Zoom scroll bar can be used to **Zoom In (+ Magnify)** or to **Zoom Out (- Expand)** on the displayed map.

With **Automatic Zoom** selected (Settings Menu > Map Settings button) you can use the zoom buttons to override the auto zoom, but the zoom will return to its previous level after several seconds of inactivity.

When **Automatic Zoom** is not selected, you can zoom in or zoom out manually and it will remain at that level.

You can scroll the map by holding your stylus on the screen, and dragging the image in any direction.

9.3 Types of View

The  button on the map screen toggles between 4 types of views: 2D, 2D Night, 3D and 3D Night. The icon indicates the next view to be displayed.

2D View

The 2D view is the straight-forward two-dimensional view. This is the default map view. In this view, the map is dynamically updated, and allows for manual panning and zooming.

2D Night View

This is a high contrast, two-dimensional view, optimized for night driving or adverse weather conditions. The map is dynamically updated, and allows for manual panning and zooming.

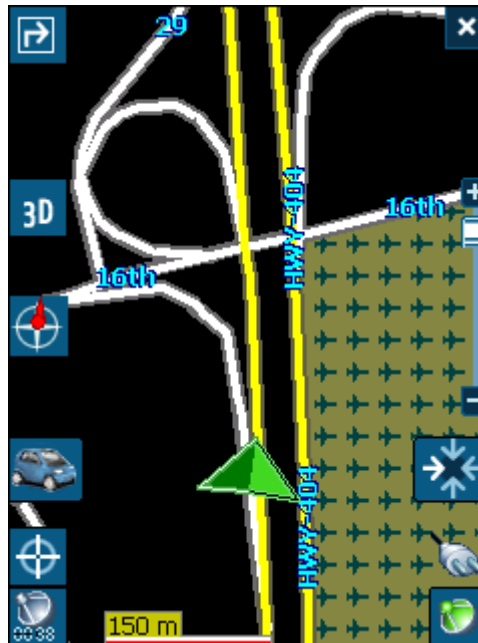


Figure 56 - 2D Night View

The route, start point and destination (outlined in blue) are clearly seen and visible under a variety of weather and driving conditions.

3D View 3D

The 3D view is a simplified three-dimensional view showing the map in a basic 3D relief. It shows the basic relief (outline) and details of the surrounding roads and general area.



Figure 57 - 3D View

3D Night View

The 3D night view is a simplified three-dimensional view with high-contrast colorization optimized for night driving or adverse weather conditions.

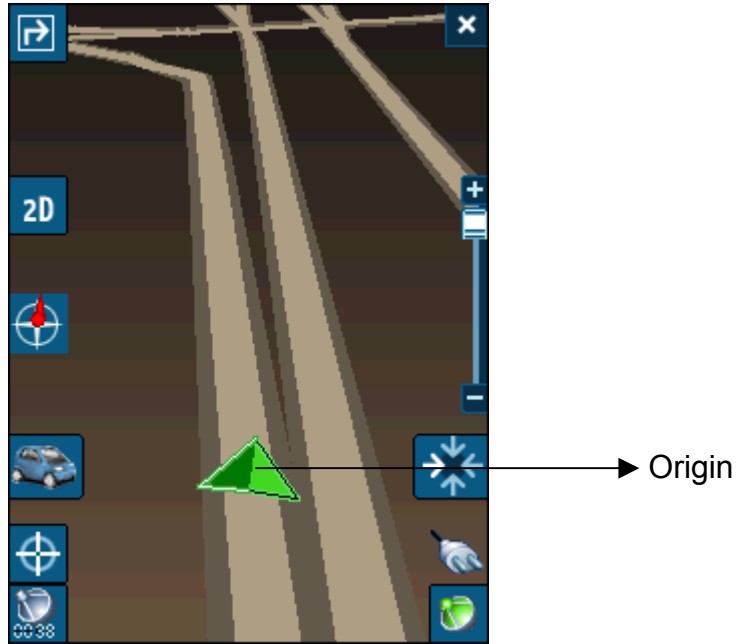


Figure 58 - 3D Night View

10

Auto & Favorites Alerts

10.1 Introduction

An Automatic Alert refers to an item that you configure so that Destinator will alert you when you are within a certain distance of the item's location. You can configure two distances for each Automatic Alert. Destinator will first alert you when you are within the first distance and then alert you when you are within the second. Automatic Alerts must be stored in either one of three predefined categories - Auto Alerts 1, Auto Alerts 2, and Favorites Alerts.

10.2 Configuring Auto Alerts Category

Note that this configuration is applied to all items in the category.

1. From the Destination dialog, select Favorites.
2. Highlight the Auto Alerts folder you want to configure and select Edit... from the Tools menu in the lower-right corner.
3. To enable both alerts, check both boxes. Or, you can disable one of the alerts by clearing the box next to it. If you configure two alerts, the first must have a greater distance than the second.
4. From the pull-down menus, select a distance for each enabled alert. Destinator will alert you when the distance between your current traveling position and the location of the alert equals the distance you enter here.
5. Close the Edit menu.

6. To display the map position of items in the Auto Alerts category, check the box to the left of the category name, just as you would to display map positions of items in any other category.
7. Select Save to complete the configuration.

10.3 Configuring Auto Alerts Items

You can change the name, comment, and category of any item in Auto Alerts 1 or Auto Alerts 2. Note that if you change the category of an item to something other than Auto Alerts 1 or Auto Alerts 2, it will no longer function as an auto alert. Only those items in categories Auto Alert 1 and Auto Alert 2 will function as automatic alerts.

1. From the Destination dialog, select Favorites to display all the categories.
2. Highlight a category and then select Items from the upper menu bar. All items in the category are displayed.
3. Highlight the alert you want to edit and select Edit from the tools menu in the lower right corner.
4. You can change the name, comment, and category of an item. You cannot change any other information. Note that if you change the category, the item will be moved out of the current category. Only those items found in either Auto Alerts 1 or Auto Alerts 2 will function as auto alerts.
5. Close the edit window.

10.4 Favorites Alerts

From the Favorites folder, you can add a new Category called **Favorites Alerts**. These alerts function the same way as Auto Alerts, but can be used specifically for items from your list of Favorites, such as your favorite restaurants and places of interest.

11

Favorites Importing

11.1 Introduction

Destinator PN Professional Edition also lets you download a list of locations from your PC to any category within Favorites on your PDA. Creating information about locations in this way is much faster than entering the information via the PDA keyboard. A practical application of this time-saving feature could include a commercial vendor who would create a list of all retail outlet locations in a specific area. Destinator users could then download the list quickly to their PDAs.

You can download a list of locations from your PC to your PDA to any category within Favorites, including Auto Alerts. The list must be contained in *.csv files. As part of the download procedure, you convert the *.csv files to *.dat format for storage on your PDA by using a Destinator conversion utility.

11.2 Downloading Favorites

1. Be sure your PDA is connected to your PC.
2. Launch the **Destinator Console** from the start menu of your PC.

Start > Programs > DestinatorApps > Destinator Console

3. On the Destinator Console, click on a **Standard Map**. This will enable the Installing Map and Favorites Importer features.
4. Click the **Favorites Importer** button. The converter dialog is displayed.

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5. Select the file (*.csv format) containing the automatic alert.

About the *.csv file: Appendix A describes csv format. Basically, the *.csv file contains addresses and longitude and latitude values for locations. The file must contain exact street address, ZIP/Postal Code, and city data. However, the longitude and latitude values can be omitted because the Destinator software will query the map you selected in Step 3 above for any missing longitude and latitude. If the *.csv file does not contain longitudes and latitudes, the separating commas must still be included, as Appendix A shows.

6. Convert the .csv file to .dat format by highlighting the file, entering a Category Name, and selecting the Convert button. The Report area of the screen will display a message stating that the content of the file has been converted and that the file is ready for download.
7. Download the file to your PDA by selecting the Download button.

Glossary

This glossary describes terms and abbreviations used with Destinator PN.

Abbreviation	Name	Description
COM PORT	Communications Port	In Computer systems, the name of a serial communications port - Eg: COM1, COM2, COM3, and COM4.
EULA	End-User License Agreement	Is a legal contract between a software application author or publisher and the user of that application. The EULA, often referred to as the "software license," is similar to a rental agreement; the user agrees to pay for the privilege of using the software, and promises the software author or publisher to comply with all restrictions stated in the EULA.
ETA	Estimated Time of Arrival	The estimate time to complete the journey, if we where to leave now. Excluding any detours, stops or delays along the route.
ETR	Estimated Time Remaining	Estimated Time remaining to complete route. Does not allow for any delays.
FAQ	Frequently Asked Questions	List of Frequently Asked Questions with Answers.
GPS	Global Positioning System	The GPS (Global Positioning System) is a "constellation" of 24 well-spaced satellites that orbit the Earth and make it possible for Vehicles/ people/ assets enabled with GPS receivers to pinpoint their location.
Lat	Latitude	An imaginary parallel circular line (East / West) around the earth, the same distance, north or south from the equator – expressed in degrees.
Long	Longitude	An imaginary circular line on the surface of the earth passing through the North and South poles at right angles to the equator - expressed in degrees.
Orbit	Orbital path of a Satellite	Path or trajectory of a body through space. A GPS satellite traces out an orbit about the earth.
POI	Point Of Interest	A place or item of interest along the selected route.

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Abbreviation	Name	Description
Sat	Satellite See also GPS	A man-made object, or device that orbits the earth. Eg: a GPS Satellite which orbits the earth in a fix pattern, height and speed
SD	Secure Digital memory card	A Secure Digital (SD) card is a tiny flash memory card used to make data storage portable among various devices.
TTD	Total Time Duration	The projected total time the trip is calculated to take - does not allow for any detours or other delays.

Appendix A - Favorites Importing File Structure

The Favorites Importing file structure must be in CSV (Comma-Separated Values)* Format

The file contains the following fields:

1. Name of the point.
2. Comment.
3. Longitude.
4. Latitude.
5. ZIP/Postal Code.
6. City.
7. Street.
8. House number.

The Longitude and Latitude are numerical values; all the others are strings.
If a string value contains a comma, the field must have quotation marks.

Examples:

Text

Favorite place 1, Destinator Favorites Convertor Comment 1, 39.21370, 38.78903, 8033, Munich, Ariboweg , 1
Favorite place 2, Destinator Favorites Convertor, comment 2, 24.85091, 34.33012, 1070, Brussels, Moutstraat "Weg", 183

Table

1 Name	2 Comment	3 Long	4 Lat	5 ZIP/ Postal Code	6 City	7 Street	8 Number
Favorite place 1	Destinator Favorites Convertor Comment 1	39.21370	38.78903	8033	Munich	Ariboweg	173
Favorite place 2	Destinator Favorites Convertor Comment 2	24.85091	34.33012	1070	Brussels	Moutstraat "Weg"	183
Favorite place 3	Destinator Favorites Convertor Comment 3	44.80999	38.16141	1096	Amsterdam	Joop Geesinkweg	9003
Favorite place 4	Destinator Favorites Convertor Comment 4	24.79360	37.08604	75010	Paris	Rue Danton	3013
Favorite place 5	Destinator Favorites Convertor Comment 5	44.97889	23.82718	8044	Zurich	Frits Weg	123

* CSV (comma-separated values) file contains the values in a table as a series of ASCII text lines, organized so that each column value is separated by a comma from the next column's value and each row starts a new line.

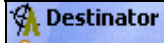
Appendix B - Manual Activation of Destinator PN

- Obtain the **Device ID** of your Pocket PC
- Obtain your **Activation Key** online at <http://activate.destinator1.com/>
- Enter your **License** and **Activation Keys** into your Pocket PC

On the Pocket PC



Note: Some versions of Destinator will operate unregistered (those with the Destinator Lite option) for a short time (evaluation only) with limited functionality.

1. From the Start menu launch **Destinator** .
2. Destinator pops up a screen indicating that you are running an unregistered version. Click **YES** and you will be taken to the **Destinator Activation** window.

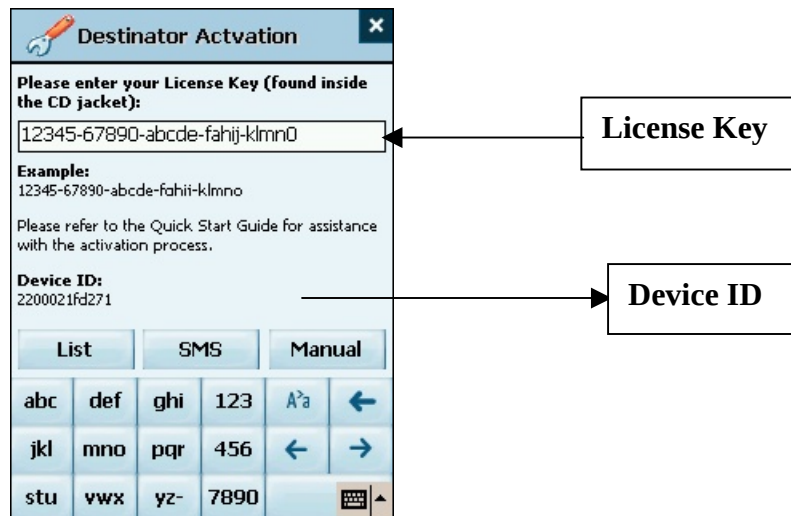


Figure 59 - Destinator Activation Dialog

3. Enter your **License Key** (found on the first page of the Destinator Quick Start Guide) and click **Next**.
4. Enter your **Activation Key** (obtained online) and click **Next**.

5. The **Activation Successful** screen indicates that your Destinator has been activated. Click on **Finish**, then **Done** to close the Activation window.



Note: Destinator is copy protected and will only run on the Pocket PC device (PDA) you originally registered.

If you retire an old device, you can move your Destinator license to a new device. Go to <http://www.destinator1.com> click **Community**, **login**, **Activation**, choose **Move License to a different device** and follow the on screen instructions to complete the registration process.

Online Activation

By activating your product, you will have access to updates, FAQs, new skins, utilities and other Destinator features and add-ons.

1. Point your web browser to <http://activate.destinator1.com/>.
2. If you already have a Destinator Community username and password, login and click on **Activations >Activate Another Product**.

If you are a new user click on the link

First Time User? Activate your product here!

3. Follow the onscreen instructions to complete the activation process. If you need help, click the **Need help with installation? Click here!** link.

Enter your License Key (found inside the CD jacket) or your Voucher ID

* denotes required field

* License Key or Voucher ID

[Back] [Next]

Figure 60 - Entering a License Key or Voucher ID Number Page

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4. You will be emailed a copy of your chosen **Login Name** and **Password**. When you complete the registration screens, you are prompted to enter your **License Key** or **Voucher ID** number then press **Next**.
5. Enter your Device ID then press **Finish**. (Found on your Pocket PC in the Destinator Activation window).

Destinator Community

Home | Profile | Activations | Upload Package | Search | FAQ | Log Out

Activations

Below is a list of your activated licenses on a device. If you have multiple devices, you can select a different deviceid in the Drop-down box and click "View" to see related licenses.

Select Device: 1c3456789012 View

[Activate Another Product]

Your Registered Licenses

Activation Key: 0b405d47be83	→
License Key: 266ee-c2191-02000-399e0-60394	→
2003-12-12	
Boxed - Full, North America All, HPJornada5xxConnector, Destinator3 Release 1	
Expiry Info: Expires on Mar 10 2004 at 23:59:59	
[Move license to a different device]	

Activation Key License Key

Figure 61 - Activation Key Details Page

6. When you are done activating, the Community Activation page will display your **Activation** and **License Keys**. Enter these into your Pocket PC to complete the activation process.



Note: If you have purchased extra maps or other Destinator add-ons, you may need to provide Destinator with additional activation key(s).

Appendix C – Sending a Location as an SMS Message

Destinator PN allows you to send a location to someone via an SMS (Short Message Service) message. In order to receive the SMS message, the recipient must have a PPCPE device that is running Destinator PN, or a Destinator SP (SmartPhone). The SMS message will include a location to which they can navigate.

To send a location with an SMS message, select **Send Location** from the Tools menu found in the Address, POI, Favorites, History, Contacts, and SMS Inbox screens to send the destination currently highlighted.

1. Click on **Send Location** in the Tools menu. Your list of Contacts is displayed.



2. Highlight the Contact you want to send your SMS message to, and press **Send**. The SMS Contents screen is displayed.

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Destinator 13/02/2005 23:22

Contacts Send

Mobile # +972 54-4865533

Comment Sent by Destinator

Ramat Ha-Sharon, A.D. Gordon, 2 34.8456036756, 32.1373719624.

Free Chars. Remaining 20/20

ABC DEF GHI 123 ↺ ←

JKL MNO PQR 456 ← →

STU VWX YZ- 7890

Send SMS EN

3. The Mobile number of your contact is automatically entered into the first box. You can add a message of up to 20 characters in the second box. The third box displays the location of the destination you have highlighted. For example, if you have selected a location from the POI screen, the location of the POI will be included in this box.
4. Press **Send** to send the SMS message. A confirmation message will confirm that the message was sent.
5. If you want to send an SMS message to someone who is not listed in your Contacts folder, select **Your Number** when the Contacts list is displayed.

Destinator 13/02/2005 22:54

Contacts Send

Your Number

087 Mea

2000 Edan

Aaron Harris

AB Data

ABC DEF GHI 123 ↺ ←

JKL MNO PQR 456 ← →

STU VWX YZ- 7890

Send SMS EN

6. Press **Send**, and the SMS Contents screen is displayed, but the Mobile # field is left empty. You can enter any valid mobile number into this field.

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Destinator 14/02/2005 10:56

Contacts Send

Mobile # 05

Comment Sent by Destinator

Ramat Ha-Sharon, Henrietta Szold, 6 34.8372867055, 32.1410338389.

ABC DEF GHI 123 ↺ ←

JKL MNO PQR 456 ← →

STU VWX YZ- 7890

Send SMS EN ↗

7. Press **Send** to send the SMS message. A confirmation message will tell you that the message has been sent.

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