



# Navigation Software User Guide

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**Installation**

Please do not proceed until you have completed the initial setup as described in the Quick Start guide.

Ensure that your Nav-Cam 7700 is located where you can clearly hear the navigation instructions, using an appropriate cradle or fixing method.

**In-Vehicle Installation**

**NOTE: Do not place your Nav-Cam 7700 where it may strike the driver or passengers if the vehicle turns sharply or stops abruptly. Your Nav-Cam 7700 should be installed securely so it will not move and cause a distraction. Cables and hardware should not interfere with driving and use of normal vehicle controls. Try to locate the Nav-Cam 7700 as close to your normal line of sight as possible without obscuring your normal view of the road.**

**Fitting the Device mount**

- Your Nav-Cam 7700 pack includes a windshield mount. The mount has a suction cup that will stick to the windshield.

**Caution** The mount has been extensively tested for effective installation and use. However, please use caution when installing or removing the mount. The company will not be responsible for damage to your car under any circumstances.

Note: the GPS system was developed for the US military and is operated by the US Government, which has made the signals available for civilian use. The company will not be held responsible for the quality of service of the GPS system.

#### IMPORTANT SAFETY NOTICE

Safe control of your vehicle is of paramount importance. Program your destination and configure your chosen drive screen before starting your journey. For safety reasons **DO NOT** interact with your device until you have reached your destination or you have pulled over and it is safe to do so. Keep your eyes on the road and comply with all traffic laws at all times. Your personal judgment and common sense should prevail over any instruction received through the use of this device. All routing suggestions are advisory and may not take account of all temporary or permanent traffic control measures. Disregard any suggestion that is hazardous, or does not comply with posted road signs or is otherwise illegal.

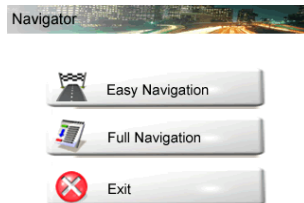
#### Launching the Nav-Cam 7700

Tap the Navigator icon on your start-up screen.

Having launched the Nav-Cam 7700, read the safety instructions, if you accept the terms and conditions, tap the **'Accept'** button to launch Nav-Cam 7700. The following screen appears.


#### Selecting a Navigation Mode

Your Nav-Cam 7700 has two menu modes available. When you first start your software you will need to choose which mode you prefer.



Easy Navigation – This mode provides you with a simple user interface to help you navigate to a location quickly and easily.

Full Navigation – This is a more advanced mode that provides you with a number of advanced options including favorites, demo mode and browse map mode.

You can switch easily between Easy and Full navigation modes at anytime by using the Back button  in the bottom right hand corner of Easy mode or on the main menu of Full mode.

### **Easy Navigation Mode**



#### **Where would you like to go...**



##### **An address?**

Select this if you wish to drive to a particular state, city or town, street, house number or Zipcode. See '**Address**' in **Choosing a Destination** in the next section



##### **A point of interest?**

Select this if you wish to drive to a point of interest such as a gas station or restaurant. See '**POI**' in **Choosing a Destination** in next section



##### **Or just drive?**

When the GPS is connected, tapping this button will automatically show a map with the location of the vehicle in the center of the screen. (**Note:** the GPS may take a couple of minutes to establish your location)

## Easy Mode - Choosing a Destination - Address

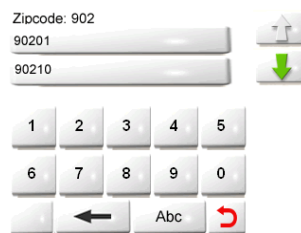


### Find your address by starting with...



#### A Zipcode?

Tapping this button will open the numeric keyboard so that you can start entering a US Zipcode or Canadian postcode. As the number is typed into the device it will select the most relevant matches from the Nav-Cam 7700 database. Entering more characters increases the probability of selecting the correct Zipcode.



If required, use the down button located to the right of the results to view a longer list of matching results. Once you have found your match tap the relevant button and you will then be offered an opportunity to search for a specific street within that Zipcode. Once you have found the street, where available you will then have an opportunity to specify a house number on that street. Once selected you will automatically start navigating.



#### A town in CA?

Tapping this button allows you to open the Town Select page. Start tapping the name of the town using the keyboard and choose from results provided.



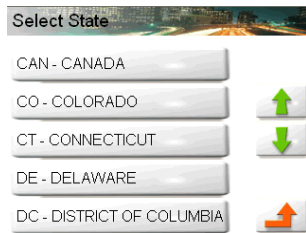
As with Zipcode, once you have found your town tap the relevant button and you will then be offered an opportunity to search for specific street and house number within that town. Once selected you will automatically start navigating.

If you wish to go to a town in a different state please choose the **Another State?** button detailed next.



#### **Another state?**

Tapping this button will open the **Select State** page. The States are listed alphabetically, so use the up and down buttons located to the right of the list to view all the states available.



Once you have found the State you require tap the relevant button. You will then be offered an opportunity to search for a specific town, street and house number within that State. Once selected you will automatically start navigating.

## Easy Mode - Choosing a Destination – POI



### Find your POI by starting with...



#### **A Zipcode?**

By tapping this button you can enter a US Zipcode or Canadian Postcode as described in the previous section. Once you have selected your required destination you will then be able to select a point of interest type from the **POI Library** (see below).



#### **Your current location?**

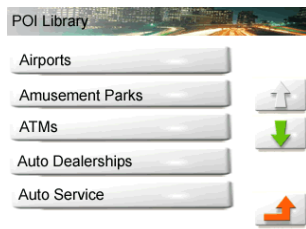
When the GPS is connected, tapping this button will automatically obtain your current location. Once your location has been established you will then be able to select a point of interest type from the **POI Library** (see below). (**Note:** the GPS may take a couple of minutes to establish your location).



#### **Another state?**

Tapping this button will open the **Select State** page as described in the previous section. Once you have selected your required destination you will then be able to select a point of interest type from the **POI Library** (see below).





Select from the list the desired POI (Point Of Interest) type. Once the type has been selected, a list of relevant POI's is provided in order of distance nearest to the location. Use the up and down buttons to the right of the list to find and tap the desired POI. Once selected you will automatically start navigating.

### **Full Navigation Mode**



#### **Follow Map**

When the GPS is connected, tapping the '**Follow Map**' button will automatically show a map with the location of the vehicle in the center of the screen. (**Note:** the GPS may take a couple of minutes to establish your location).



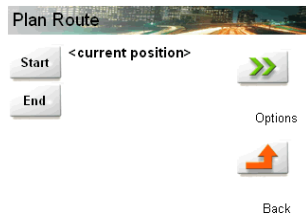
#### **Drive To**

Tapping the '**Drive To**' button takes you to the Select Place menu. This allows you to set your end point/destination. (See **Select Place** page 11 in this guide) When an end point has been selected and a GPS signal received your route will be calculated automatically.



## Plan Route

Tapping this button takes you to the Plan Route menu. From this menu you can plan a route with or without the GPS connected.



To the right of the 'Start' button is the '<current position>'. Tap here to check GPS. If the GPS is connected then pressing this button will take you to the 'GPS' screen, which will display the number of satellites and their signal strength. If you wish to plan the journey from the current position you do not need to change the 'Start' point.

To change your start or end location, tap the 'Start or End' button. This takes you to the Select Place screen, which has several options for selecting a start or end point.



## Browse Map

Tapping the '**Browse Map**' button will take you to the map screen. At the side of the screen are four buttons, the first two are for adjustment of the map scale allowing you to, **zoom out**, and **zoom in**. It is also possible to pan around the map by dragging the stylus across the screen. Next there is the **magnifying glass** button (which takes you to the Locate on Map screen and allows you to zoom to a Town, Street, recent destination, favorite location or POI (Point of Interest)). The **Back** button takes you back to the previous screen. You can also press and hold on the map to bring up an options menu. You can then set a start or end point or add a favorite directly from the map. Points of Interest will also appear on the map when you zoom in to a suitable scale. (These can be configured under **Setup > POI** see page 19)



### Setup

Please see the Setup section on page 19 of this guide.

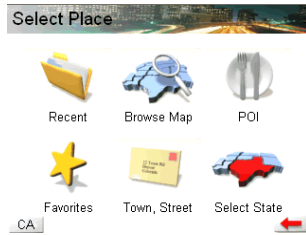


### Back

Tapping the 'Back' button will return you to the Easy or Full Mode selection menu.

### Select Place Screen

This screen allows you to define your start and end locations.




### Recent

Tapping this button displays a list of the 20 most recent places that have been selected as start or end points.



### Favorites

Tapping this button displays a list of your selected favorites. You can add to this list from the Plan Route menu, by tapping the 'add to favorites' button  if available. If you wish to change one of the entries, tap the '**Change**' button, which takes you to a new page Add Favorites. You then have the ability to delete entries by tapping the '**Remove**' button, or adding a

new favorite by selecting a place from the 'Recent', 'Browse Map', 'Town Street', or 'More Places' options. This will then save to your favorites.



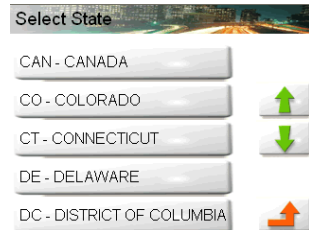
### Browse Map

Selecting this option allows the user to explore the map and search for locations.



### Select State

Tapping this button will take you to the **Select State** page. You can then choose the State. The Current State selected is shown at the bottom left corner of the Select Place screen. **You should always select which State the required destination is located in order to perform the town, street or POI search.**



### Town, Street

Tapping this button will take you to the Town selection page. You can then enter a town, zip code or place. As the name is typed into the device it will select the most relevant matches from the Nav-Cam 7700 database. Entering more characters increases the probability of selecting the correct place. If required, the suggested options can be ignored and the full place typed in.



If there are a number of places with the same name you can use the buttons on the right to scroll up and down the list until you find your required location.

(Note: tapping the button '123' will bring up the number pad allowing you to enter numbers. Tap the 'Abc' key to return to the keyboard). Then select the desired zip code from the list. (It is not necessary to include the space in a zip code for example '02108')

Tap the place you wish to select from the list. You are then taken on to a second screen titled Street which allows you to select whether you would like to either enter a street name, route to a town center, or a POI (Point of Interest).



**Street** – If you know the name of the street use the keyboard to start typing the name of the street in much the same way as described above for the town selection screen. When the street is listed, tap the button containing the street name required.

*(Note: long streets may be broken up into several sections and so appear more than once in the list)*

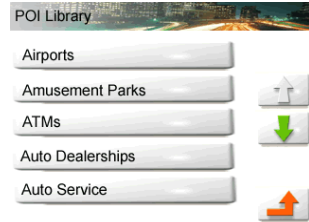
**<town center>** – by tapping this button Nav-Cam 7700 will automatically pick a street within the center of the selected town. This option will disappear once a street name has started to be entered using the keyboard and will reappear if all the typed letters are subsequently deleted.

**<POI>** – (Points of Interest) Tapping this button will display a new screen called POI Library. See below for further details. This option will disappear once a street name has started to be entered using the keyboard and will reappear if all the typed letters are subsequently deleted.



### Point of Interest (POI)

Tapping 'POI' (Points of Interest) will bring up a new screen called POI Library, which lists all of the Points of Interest available.



Select from the list the desired POI type, then type in the name in the following screen for example, airports, then select La Guardia Airport. The Nav-Cam 7700 will then route you to the selected POI.



### Back

This button will take you back to the previous screen.

### Plan Options

In the Plan Route screen once a start point has been entered (or a GPS location is acquired) and an end point has been set, tap the 'Options' button. This will take you to the Plan Options screen.






### **Route Map**

By tapping **'Route Map'** an overview map appears showing your route, indicating the start and end points. This map can be zoomed and panned around. If you wish to adjust the start or end point, press and hold the stylus on the map at the desired location. This will then bring up a menu allowing you to set a new start or end point.



### **Route Text**

The **'Route Text'** button will show a simple text list showing an accumulative mileage on the left with direction arrows, a road number and name on the right. Scroll down, if available, using the  button to read the full route.



### **Demo**

If the **'Demo'** button is tapped a demonstration of the route starts showing the Guide Mode with speech. You can also view the route in Map Mode, which shows the location of the vehicle moving on a map. Tapping on the map or on the signpost will bring up the Drive Options menu (see Drive Options for more details).

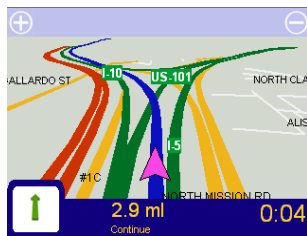


### **Clear Route**

This allows the user to clear an existing route.

## **Drive Screen and Map Options for both Easy and Full Modes**

When the system is set up in the car and prior to departing, the 3D Map display Mode is the default view.



### Customizing Map Mode Display

In both 2D and 3D map modes, various route information can be displayed at the bottom of the screen. You can choose which information to display by tapping any of the boxes. When the screen is tapped in any box area, a new screen appears titled Select Info. From this screen you can choose an entry for each box by scrolling down the following list:

- Speed & Direction
- Sat / GPS
- Estimated Time of Arrival
- Estimated Journey Time
- Current Road
- Next Road
- Distance to go
- Distance to next turn
- Free memory
- Show no Information

### Drive Options

This can be changed by tapping on the top two thirds of the screen, which takes you to the Drive Options screen.





Under the Drive Options screen you can configure several options, including whether you wish to use the Guide Screen or Map Screen (Drive Options can also be accessed in Demo Mode).



### Night Colors

This changes the background color of the map and guide screen for better visibility at night. It also reduces glare.



In 3.2  
miles..

### Guide Mode / Map Mode

This button allows you to change the navigation screen between Map Mode (shown below left) and the Guide Mode (shown below right).

#### Map Mode



#### Guide Mode



### 2D/3D Display

You can select the map view to display in either 2D or 3D mode, tap on the display button as above to change.



### **Alternate**

Tapping this button takes you to a further screen called Avoid/Alternate which displays the following icons:

#### **1 Mile**

This button can only be used when a route has been calculated, and when tapped allows the user to avoid the current road within a mile of present GPS position (if possible to do so), for example to avoid congestion or road works.

#### **5 miles**

This button is as above but the radius for an alternative route is increased to 5 miles of the current point (if possible to do so).

#### **Named roads**

This button when tapped displays all the road numbers on your route. The user then has the option to select a particular road that they wish to avoid and the software will then recalculate the route avoiding the selected road.

#### **Original**

This button allows the user to return to the original route that was calculated if the user has selected any of the alternate options above.



### **Mute / Unmute**

Tap **'Mute'** button to turn voice instructions off. If you then wish to turn voice back on, return to this screen and tap the **'Unmute'** button which will be in the same place.



### **Stop**

This stops the Drive Mode and returns the user to the main menu.



## **Back**

By pressing the '**Back**' button, the Nav-Cam 7700 returns to the Drive Screen.



## **Setup**

Setup can only be accessed via Full Mode. Please switch to Full Mode to change settings for both Easy and Full Modes.

Tapping the '**Setup**' button takes you to the Setup main menu, which has several options:

### **GPS**

Selecting this option displays GPS signal status.

### **POI**

Selecting this option allows you to enable which POI categories are shown on navigation

### **Language**

This will allow you to change the language of the Nav-Com 7700 software. Upon selecting the language the menu, text and voice instructions will change accordingly.

### **About**

Gives software version information


### **Route Options**

#### **Avoid Tolls**

Tap this box to avoid tolls on your route. Should a start or end point be selected that is on a toll road this will be ignored.

#### **Show key roads**

Tapping this box lists all the classified roads the route will take after your route is calculated.

Tap the  down arrow to see more options

### **Route Type**

Select required type of routing

#### **Fastest**

Tapping this box provides the fastest route

#### **Prefer Highway**

Tapping this box provides a route which prefers use of highways

#### **Avoid Highway**

Tapping this box provides a route which avoids highways

#### **Shortest**

Tapping this box provides the shortest route measured by driving distance

### **Map/Drive Options**

#### **Miles and KM**

Tap the appropriate box to select whether you would like your distances shown in miles or km.

#### **2D/3D**

Select the preferred view

#### **Display POI Names**

Will display POI names on the map and Navigation screens. If not tapped, only the POI icon will be shown.

#### **Street/Name Text**

If tapped, street names will be displayed in navigation mode

#### **Turn Symbol on Map**

If tapped an arrow will be displayed on the navigation screen to indicate the next turn.

#### **Favorites**

See Page 11

#### **Voice**

Select from the available voices

**Volume**

Select the volume level (3 is loudest)

**Back**

By pressing this button the software goes back to previous page. Or you can scroll up by tapping the up arrow.

### **Troubleshooting**

**Q)** When I start my route Nav-Cam tells me it is unable to locate me on the road network.

**A)** This means that your current GPS location is not on the road network. When you start to drive, your route will automatically be calculated when you join the road network.

**Q)** I get the message 'Cannot calculate route – Start or End point not on navigable road'.

**A)** You have chosen a Start/End that is not negotiable by motor vehicle (such as a pedestrian area). Enter another street name, or use the browse map option to select a nearby road that is navigable.

**Q)** The Nav-Cam 7700 software freezes.

**A)** Follow the instructions in the Quick Start User Guide on how to soft reset your device.

**Q)** Map shows no GPS

**A).** Check GPS status and ensure that the Nav-Cam 7700 has a clear view of the sky. (**Note:** It may take a few minutes for your GPS to locate itself on first use.)

### **Technical Support**

**Call Toll Free: 866-268-8515**

**9am - 5pm US Central Time Monday-Friday**

**Email: [USAsupport@nav-cam.com](mailto:USAsupport@nav-cam.com)**