



*DRIVE LIKE A LOCAL*



# User Guide

## U700

with Free Map Updates

**1<sup>st</sup> edition**

[www.binatoneglobal.com](http://www.binatoneglobal.com)



# CONTENTS

## 1. Important

Satellite signals are required for this product to function in Navigation mode. There may be occasions within your home or surrounding area when the signal strength is limited and Navigation may not be possible. This is quite normal for products of this type.

You can check the number of satellite signals that the unit is receiving and the strength of those signals by viewing the GPS Info in the Setting mode.

### 1.1 In the box:

#### Unpacking your Binatone Magnetic GPS

In the box you will find

- GPS navigation device
- Magnetic mounting kit
- In-car charger
- User guide
- Stylus

This device comes preloaded with free map updates. For the life of your device you can download 4 or more map updates every year for free. You will receive all updates to road network, addresses and points of interest.

Keep the packaging materials in a safe place in case you later need to transport the unit. Keep your sales (till) receipt, which is your guarantee. Before you use the unit, you'll need to fully charge the battery as described on page 8.

#### **WARNING:**

Your GPS device operates under open sky conditions in order to receive a satellite signal. Please ensure that you are not using the device indoors or in areas where the satellite signal is weak. For the first time of use or after a few days of no use, it may take up to 2 minutes to acquire a satellite signal. It is recommended to be stationary during the start-up process.



## 2. Safety

### 2.1 The Global Positioning System

The Global Positioning System (GPS) is a satellite based system that provides location and timing information around the globe. The GPS is operated and controlled under the sole responsibility of the Government of the United States of America, who are responsible for its availability and accuracy. Any changes in GPS availability and accuracy, or in environmental conditions, may impact the operation of you Binatone GPS Device.

### 2.2 Using Your GPS in the Car

When using your GPS while driving it is essential that you drive with due care and attention. Never modify the settings or program your GPS while driving. Only look at the map when it is safe to do so. When mounting the GPS in your car make sure that it does not obscure your view or impede the operation of any driving controls.

### 2.3 Prohibited Areas

Do not operate your GPS in hospitals or near any electrical medical equipment.  
Do not operate your GPS in aircraft.  
Do not operate while on a petrol station forecourt.

### 2.4 Battery

Your GPS device uses a Li-polymer battery. Do not use it in humid, wet or corrosive environments. Do not operate or store your GPS in high temperatures (>60°) or in direct sun light. Do not pierce or break the battery casing.



Failure to follow these cautions will invalidate the warranty and may cause the battery to leak acid, become hot, explode or ignite and cause injury or damage.

If you come into contact with leaked battery acid wash the contact area thoroughly and seek medical attention.

The Li-polymer battery contained in this unit must be recycled or disposed of properly.

Do not dispose of in household waste or burn.



## **3. Contents**

<b>1. Important</b>	<b>02</b>
1.1 In the Box	02
<b>2. Safety</b>	<b>03</b>
2.1 The Global Positioning System	03
2.2 Using Your GPS in the Car	03
2.3 Prohibited Areas	03
2.4 Battery	03
<b>3. Contents</b>	<b>04</b>
<b>4. Quick Start Guide</b>	<b>07</b>
4.1 Position of the Controls	07
4.2 Charging the Battery	08
4.3 Installing a Micro SD Card	08
4.4 Car Adaptor	08
4.5 Turning GPS On/Off	09
4.6 Turning the GPS Unit Off or Sleep Mode	09
4.7 System Reset	09
4.8 Windscreen Holder Installation	10
4.8.1 Windscreen holder	10
4.8.2 Setting up the windscreen holder	10
<b>5. Getting Started</b>	<b>11</b>
5.1 Starting Up	11
5.2 Settings	11
5.2.1 Backlight	12
5.2.2 Volume	12
5.2.3 Language	12
5.2.4 GPS Info	12
5.2.5 Date/Time	12
5.2.6 Calibration	12
5.2.7 USB	12
5.2.8 System Info	12
5.3 Additional Maps and Upgrades	13
5.4 Technical Support or Contact	13





## NAVIGATION

<b>1. Introduction</b>	<b>14</b>
1.1 GPS Connection	14
<b>2. Getting Started</b>	<b>14</b>
<b>3. Main Map Screen</b>	<b>15</b>
3.1 Map View	15
3.2 Navigation View	16
3.3 Context View	17
<b>4. Basic Commands</b>	<b>17</b>
4.1 Exploring Menu Screen	17
4.2 Using the Keyboard	18
4.3 Go Screen	18
<b>5. How to Navigate</b>	<b>19</b>
5.1 Navigate to a Postcode	19
5.2 Navigate to a Recent Location	19
5.3 Navigate to an Address	19
5.4 Navigate to Home	19
5.4.1 How to set your home location	20
5.5 Navigate to Places	20
5.5.1 Point of interest (POI)	20
5.5.2 Co-ordinates	20
5.5.3 Favourites	20
5.5.3.1 How to save a favourite location	20
5.5.3.2 How to delete a favourite location	21
5.5.4 Navigate to Itineraries	21
5.5.4.1 How to create an itinerary	21
5.5.4.2 How to change an itinerary	21
<b>6. My Route</b>	<b>22</b>
6.1 Show Route	22
6.2 Stop Navigation	22
6.3 Road Book	22
6.4 Alternative Routes	22
6.4.1 Calculate alternative	22
6.4.2 Roadblock	22
6.4.3 Avoid part of route	23
6.4.4 Calculate original	23
6.5 Start Demo	23
<b>7. Settings</b>	<b>24</b>
7.1 General	24
7.1.1 Speaker	24
7.1.2 Light	24
7.2 International	24
7.2.1 Language	24
7.2.2 Keyboard type	24
7.2.3 Kph/Mph	24



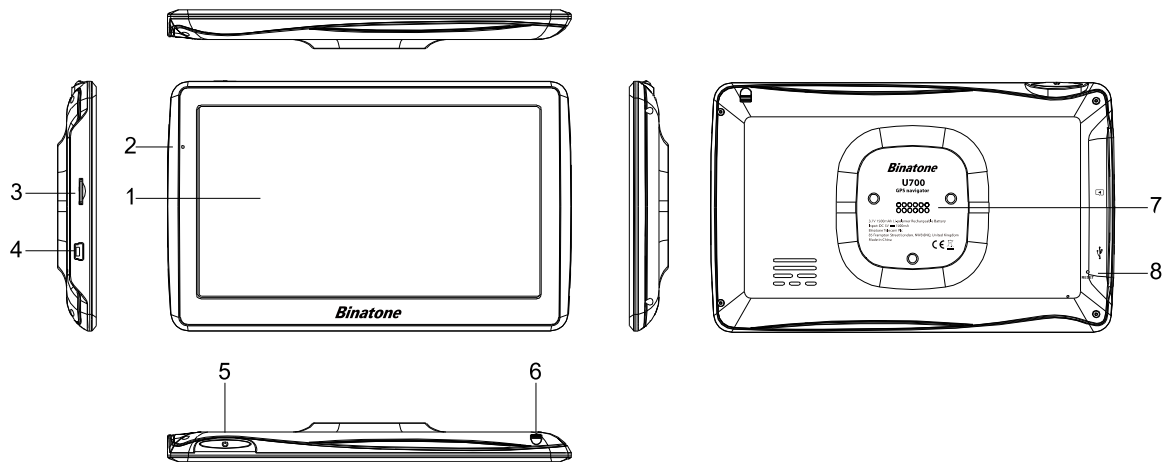
7.3 Map Appearance	24
7.3.1 Lane assistance	24
7.3.2 North up in 2D	24
7.3.3 Dynamic zoom	25
7.3.4 Templates	25
7.3.5 Points of interest	25
7.4 Routing Options	25
7.4.1 Routing options	25
7.4.2 Tolls	25
7.4.3 Adventure mode	25
7.5 Safety Options	26
7.5.1 Speed limit alarm	26
7.5.2 Safety camera alert	26
7.6 System	26
7.6.1 Time format	26
7.6.2 Restore settings	27
7.6.3 Theme	27
7.7 GPS	27
7.7.1 GPS	27
7.7.2 Co-ordinates	27
<b>8. My NDrive</b>	<b>28</b>
8.1 Define Home	28
8.2 Start Up Wizard	28
8.3 My Maps	28
8.4 GPS	28
8.5 Version	28
8.6 Data Import/Export	28
8.6.1 Importing data	28
8.6.2 Exporting data	29
8.6.2.1 Exporting itineraries	29
8.6.2.2 Exporting favourites	29
<b>9. Store</b>	<b>30</b>
<b>10. Exit</b>	<b>30</b>
<b>11. Nplus</b>	<b>31</b>
11.1 Buy	31
11.1.1 Paying for purchases	31
11.2 Updates	32
11.3 My Products	32
11.4 Enter Serial	32
11.5 Device Information	33
11.6 Help	33
<b>12. Frequently Asked Questions</b>	<b>34</b>
<b>13. Technical Specifications</b>	<b>35</b>
<b>EC Declaration of Conformity</b>	<b>36</b>

## 4. Quick Start Guide

Please make sure that you read all of the information contained within this user guide before operating this unit.

If you experience any problems, please go through the user guide before contacting the customer helpline.

### 4.1 Position of the Controls



**1. Touch Screen**

**2. Charge Indicator:**

Display the charging status of the battery.

Red: Charging.

Blue: Fully charged.

**3. Memory Card Slot**

**4. USB Port:**

For charging, ActiveSync and mass storage function

**5. On/Off Switch:**

Press and hold to turn the unit on

Press and hold to turn the unit off or put to Sleep mode by selections.

**6. Stylus**

**7. Magnetic Connector**

**8. Reset Button:**

System reset

## 4.2 Charging the Battery

Before using your GPS device for the first time, we recommend that you charge the unit for 5 hours via a USB cable or the car charger supplied, or until the charge light turns blue.

Plug the USB cable/car charger into the USB socket.

**NOTE:** Charging via USB cable. It is possible to charge the unit via a USB cable but the charge time will be significantly increased. Also if the battery is very low the unit will not fully charge.

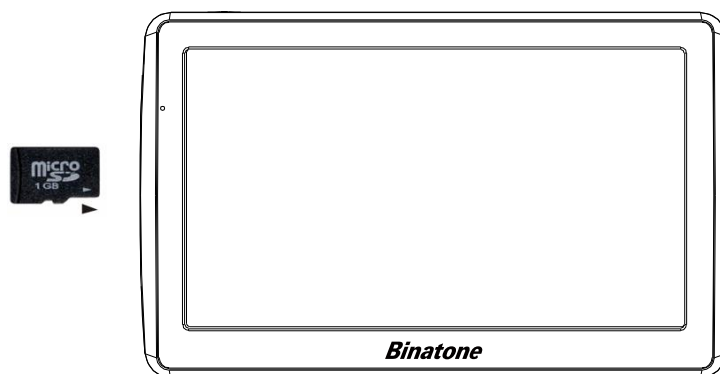
The charging indicator on the unit will light up red. When fully charged the red light will turn blue.

When using the GPS device in your car, we recommend that you always use the car charger in order to maintain the battery level.

**NOTE:** The unit is not designed to be run on battery power alone, the battery is there for back up purposes only

## 4.3 Installing a Micro SD Card

You may install it as described below.



Switch the unit off first before installing or removing the MicroSD card.

When installing it can only be fitted one way: the contacts should be facing away from you and the cut-off corner at the bottom (as shown above). Slide the card in and push it in so that it clicks into place.

Once the card is installed it does not need to be removed.

If you need to remove the card, push the card in and it will eject from the slot.

## 4.4 Car Adapter

When using your GPS in the car we recommend that you always use the in-car charger to power the unit.

Plug the in-car charger into the USB socket of the unit. Plug the other end of the adapter into the car's cigarette-lighter 12V DC socket.


The adaptor is also compatible with 24V DC sources, as found in many heavy goods vehicles.

## 4.5 Turning the GPS Unit On/Off

Press and hold the On/Off button on the top of the unit for around 3 seconds, the unit will power up and display the Menu screen.

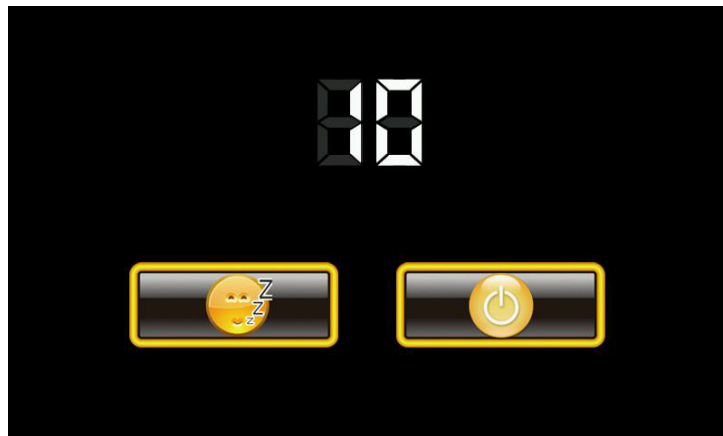
Press and hold the On/Off button for around 3 seconds during operation, the unit will show up the following display,

## 4.6 Turning the GPS Unit Off or Sleep Mode

Press the sleep icon  to put the unit into sleep mode. Press and hold the On/Off button again, to bring the unit out of sleep mode. When brought out of sleep mode the unit will show the same screen as when the unit entered sleep mode.

Press the Off icon  to turn the unit Off.

There is a 10 seconds timer which starts to count down, if there is no selection made within 10 seconds, the unit will turn off automatically.



**NOTE:** If the unit is not to be used for a long period of time it is advised that you switch the unit Off.

## 4.7 System Reset

Under extreme circumstances it may be necessary to reboot the system. Reset the system if the following situation occurs:

- Long delay experienced with screen refresh rate or operation, resulting in an inoperable unit.
- The system will not turn Off with the power button.
- No response with selection made on the screen.

The reset button can be found on the rear of the unit. Insert the tip of the stylus pen or small blunt implement into the reset hole in order to press the button. The system will be immediately reset.

## **4.8 Windscreen Holder Installation**

### **4.8.1 Windscreen holder**

Select a place to attach the holder. Do not attach the holder to the windscreen in a way that limits the driver's line of sight. If the car windscreen contains a built-in heating system or UV protection, the quality of signal reception may be lower than usual.

### **4.8.2 Setting up the windscreen holder**

First remove the protective layer from the suction pad. Then, select an appropriate place to attach the holder. Make sure the area is clear of dust, dirt, and moisture, and then secure the suction pad on the windscreen. Under normal operating conditions, the suction pad holder locks the device well. However, if you leave it there overnight, the holding strength may get weaker as a result of moisture condensation due to temperature fall. For this reason, in order to prevent the device and holder from being damaged, it is recommended to remove the device and holder from the windscreen.



## 5. Getting started

### 5.1 Starting Up

Press the On/Off button on the top until the following screens are displayed,





### 5.2 Settings

**NOTE:** You do not need to enter the **Setting** menu before you start to navigate. If you press on the **Setting** icon the following screen is displayed.







### 5.2.1 Backlight

Press **Backlight** to change the brightness of the screen. You can make it darker or brighter by clicking  / .

Press  to confirm and exit.



### 5.2.2 Volume


Press **Volume** you can modify the volume level of the voice prompts. You can increase or decrease the level by clicking  / . This can also be done via the navigation software later. If the volume is reduced to 0 bar, it will be muted (you have the option to activate when you run the navigation software).

You also have the option to switch on or off the screen tap sound, select OFF for close and ON for open.

Press  to confirm and exit

### 5.2.3 Language

Press **Language** to change the language. Use the  and  keys to scroll between further language options.

Press  to confirm and exit.

### 5.2.4 GPS Info

GPS information gives your current position in degrees longitude and latitude, your current speed and the status of your position.

The compass circle shows the satellites that the unit is receiving and the bar chart shows the signal strength for these satellites.

Press  to exit.

**NOTE:** At least four GPS signals are required for the device to function.



There may be occasions within your home or surrounding area when the signal strength is limited and GPS navigation Mode may not be possible.


This is quite normal of products of this type.

### 5.2.5 Date/Time

This device can auto-set the current date and time by receiving GPS signals.

Time Zone this is defaulted to the area of sale.

To change the date and time, use the  and  keys, to increase or decrease the value of the required field.

Press  to confirm and exit.

### 5.2.6 Calibration

This function calibrates the unit to respond to your screen taps. You will need to use this function only if the unit begins to respond inconsistently to your screen taps.

After selecting follow the on screen directions. Once the calibration has been completed, press anywhere on the screen to return to the previous menu.

### 5.2.7 USB

Press **USB** to change the USB setting.

### 5.2.8 System Info





The system info page contains information about your operating system software version.

### 5.3 Additional maps and upgrades:

Please visit [www.ndrive.com](http://www.ndrive.com) and download the **NPlus** software in order to gain access to further content (see section 11 for more details)

This device comes preloaded with free lifetime maps. For the life of your device you can download 4 or more map updates every year for free. You will receive all updates to road network, addresses and points of interest.

The life is defined as the useful life of the device (Max. 3 years), which means the period of time that Binatone continues to support your device with software updates, services, content or accessories. A device will have reached the end of its life when none of these are available any more.

### 5.4 Technical Support or contact:

If you have a technical problem with your device please contact the helpline on 0844 557 9677 or for more information regarding you product go to [www.binatonetelecom.com](http://www.binatonetelecom.com) .

**NOTE:** Calls cost 7p per minute plus your telephone company's access charge.



# NAVIGATION

## 1. Introduction

You have chosen a cutting-edge navigation system. Congratulations! Please enjoy using it. This navigation system leads you straight to your destination, whether you are travelling by car or on foot. You can navigate and plan your route with an easy-to-use and intuitive interface, just by using your finger. You can also use this application to plan your trip to suit your personal preferences and interests and to save interesting destinations before you set off on your journey. This manual leads you through the main features of the system.

### 1.1 GPS Connection

Your navigation device uses GPS technology for navigation. The device receives signals from a number of GPS satellites in order to determine your current position. Place your navigation device in a location with an unobstructed view to the sky to set up your first satellite connection. In the car this will usually mean mounting the unit on the lower part of the windscreen.

**NOTE:** It may take up to 2 minutes to establish the first connection. Subsequent connections will be faster (30 seconds to 1 minute), but if you have not used the unit for several days or are far away from the last location where you used the unit, it may take up to 10 minutes again to find a strong signal.

## 2. Getting Started

Please make sure that the battery in your device is charged (see page 8).

Switch on the unit and from the menu select **Navigation**. The NDrive navigational software will start to load.

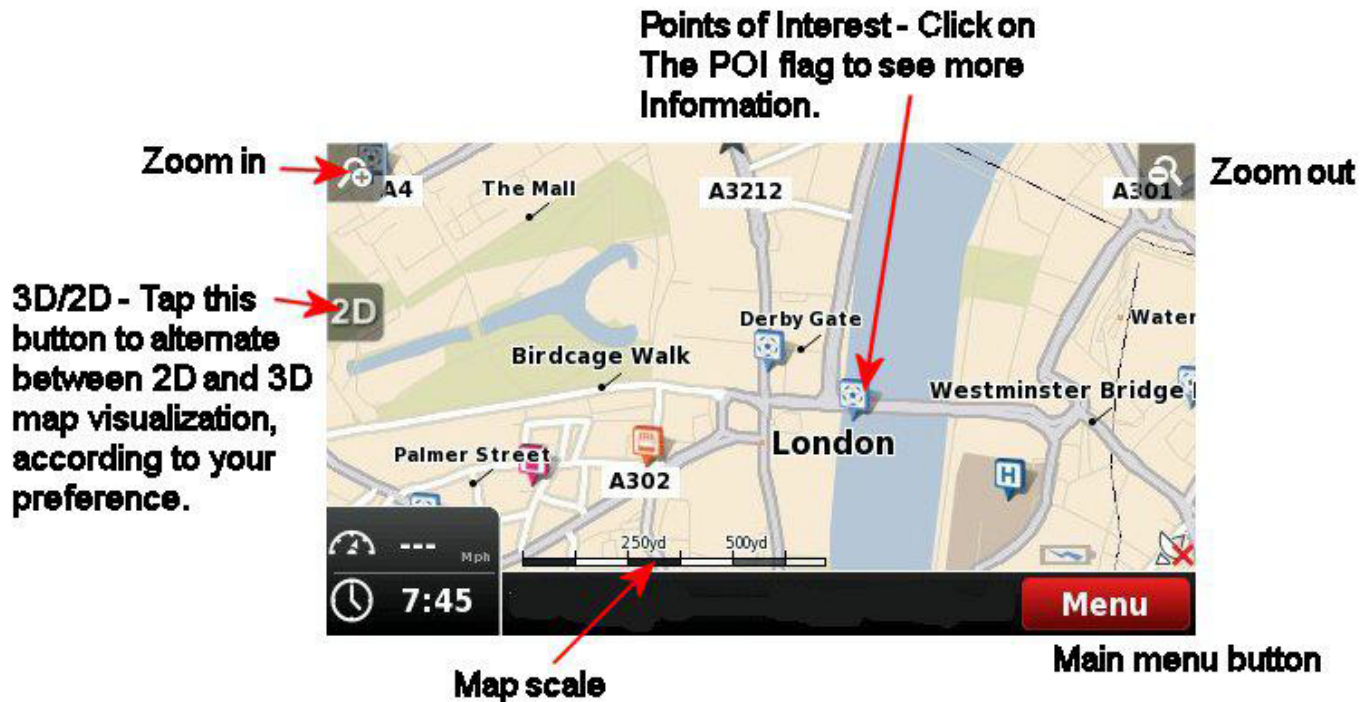
The following user guide will guide you through the operation of the NDrive software of both the basic and advanced features it has to offer.

When running the navigational software for the first time. You will be asked to select a language and to accept the terms of use.



### 3. Main Map Screen

#### 3.1 Map View



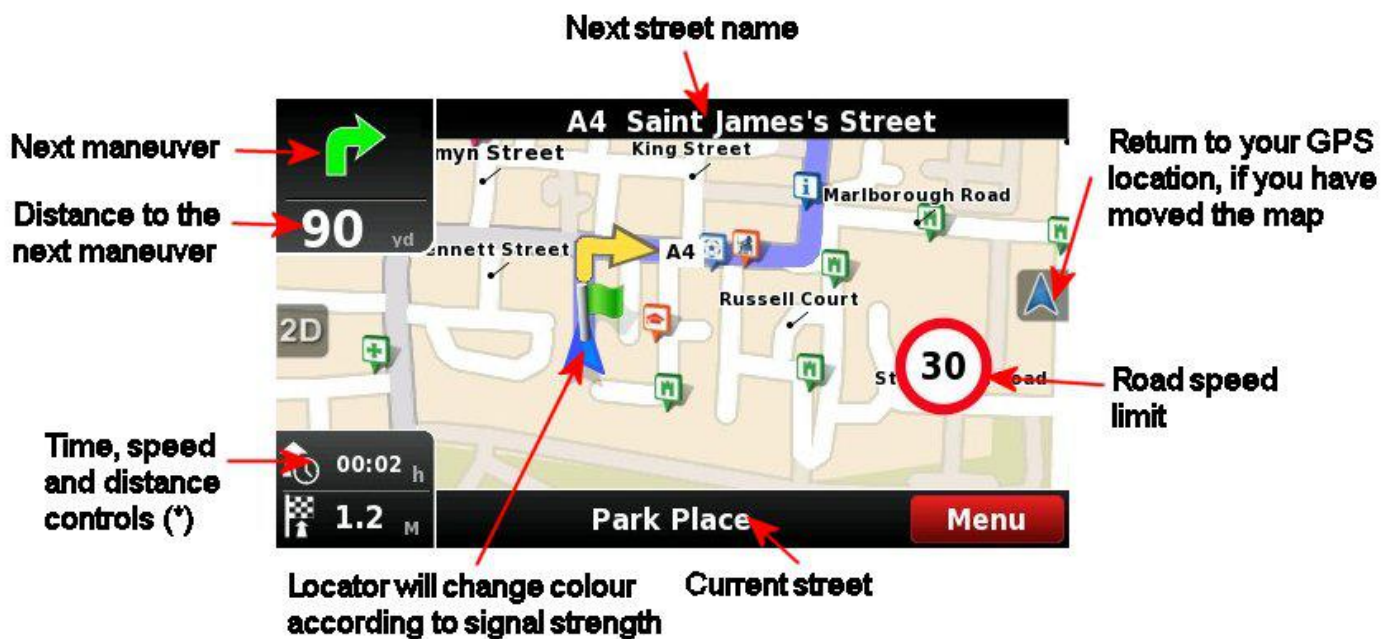
Select **Menu** from the map screen to enter the main **Menu** from where you will have access to the many features of the unit.

**NOTE:** The message “Waiting for a valid GPS signal...” will scroll along the bottom bar when ever the GPS signal is lost. In this state the unit will not show your current location on the map and navigation will not be possible. Please ensure that you have an open view to the sky in order to obtain a strong enough signal.



Tap on the middle of the bottom bar to bring up the volume adjustment bar.

### 3.2 Navigation View



(\*) : Time, speed and distance controls show different information. Tap each in turn to toggle between the alternative modes as shown below:



Estimated time left to destination



Estimated time of arrival



Speed limit on the current street



Distance left to destination



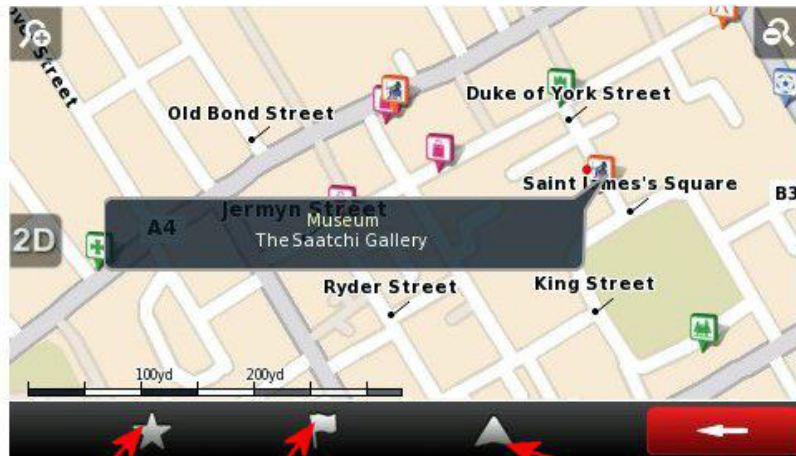
Current speed



Current time

### 3.3 Context View

If you click on any point on the map, the context bar shows up on the bottom and the following four actions can be performed.



Select a point on the map and the context bar will be shown. Several buttons allow you to perform actions regarding the selected location.

Close the context bar

Add point to favourites

Add point to itinerary

Navigate to the selected point  
Available only when there is a GPS signal

## 4. Basic Commands

### 4.1 Exploring Menu Screen

All menu screens show two buttons at the top which allow for the following actions:

Go back one level in the menu



Return to the map screen





## 4.2 Using the Keyboard

Whenever you want to perform a search, filter results from a list or input data, the keyboard will appear on the screen. Different keyboard layouts can be selected depending on the information you wish to enter. Here are some tips you should keep in mind:

- When searching for a street, you can simply write the initials, separated by a space, and results will show up. Example: enter “C P W” and “Central Park West” will show up on the results list.
- Start writing the first few letters, and results will be automatically updated on the list below.

## 4.3 Go Screen

**Information about location**

The screenshot shows the 'Address' screen with a back arrow, a globe icon, and the title 'Address'. Below the title, there is a building icon followed by 'London'. Underneath, a location pin icon is followed by the coordinates '(N51.500152°, W0.126237°)'. Below that, another building icon is followed by 'London', and a flag icon is followed by 'United Kingdom'. To the right of this information is a vertical stack of buttons: 'Show' (blue), 'Save' (blue), 'Share' (light blue), 'Contact' (light blue), and 'Navigate' (green).

**Select to shown location on the map**

**Select to save the location**

**Not used**

**Select to Navigate to the location**

The go screen as well as allowing you to navigate to your chosen destination shows you information about the location you have selected and allows you to carry out the following functions.

	- Allows you to view the entered location on the map.
	- Allows you to save the location to your favourites for quick use in the future.
	- Used to calculate your route and begin navigation.

**NOTE:** The **Share** and **Contact** are not used on this device as it has no network capability.




## 5. How to Navigate

### 5.1 Navigate to a Postcode

From the main **Menu** select **Go To**  and then select **Postcode** .

If necessary select the country from the shown list after selecting the **Country**.

Select **Postcode**  and use the keyboard to enter the postcode (**NOTE:** You can enter the postcode with or without a space). Select the postcode from the shown list, you can then enter the **House Number** and select it from the list. Alternatively you can select anywhere or a particular road junction by selecting the options **Anywhere** or **Crossing** (**NOTE:** Crossing will show a list of road names that join with the road shown under the postcode).

After completing your selection, you will be taken to the **Go Screen**, then click **Navigate**.

### 5.2 Navigate to a Recent Location

From the main **Menu** select **Go To**  and then **Recent Location** .

Select a destination from the list of recent locations used.

After completing your selection, you will be taken to the **Go Screen**, then click **Navigate**.

### 5.3 Navigate to an Address



From the main **Menu** select **Go To**  and then **Address** .

If necessary select the country from the shown list after selecting the field **Country**.

Select **City** and enter the city name using the keyboard (**NOTE:** the unit will begin to match possible matches based on what you enter so you may not have to enter the full name). Select the desired city from the list and the unit will switch to the **Street** field.

Enter the desired street using the keyboard, again the unit will begin to match and show possible matches. Select the desired street from the list and the unit will prompt you to enter a **House Number** enter the house number and select it from the list. Alternatively you can select anywhere or a particular road junction by selecting the options **Anywhere** or **Crossing** (**NOTE:** Crossing will show a list of road names that join with the road shown under the postcode). After inputting the address, you will be taken to the **Go Screen**, then click **Navigate**.









### 5.4 Navigate to Home

From the main **Menu** select **Go To** , and then **Home** , and then from the **Go Screen** click **Navigation**.

**NOTE:** In order to use the **Home** option, you need set the home location firstly. The first time you use this option if you have not already stored your home location, you will be asked to set the location.







### 5.4.1 How to set your home location





From the main **Menu** select **My NDrive**  and then **Define Home** . Select one of the available options for setting your home location; **Postcode** , **Recent Location** , **Address** , **Places** . Use the method as described in Section 5 for your chosen option to enter your location. Alternatively you can set the location using your current GPS location or the location currently shown on the map (if you do not have a GPS signal) by using the **Here**  option. After selecting and entering your location, click **Save** .

## 5.5 Navigate to Places




### 5.5.1 Point of interest (POI)

From the main **Menu** select **Go To**  and then **Places** . Then select **Around Me**  or **In a City** . You will see the places grouped in categories. Select the desired category or specific attributes and use the keyboard to filter your search. After completing your selection, you will be taken to the **Go Screen**, then click **Navigate**. You may also select **All** and search for a location name within the entire database








### 5.5.2 Coordinates

From the main **Menu** select **Go To**  and then **Places** . Then click **Coordinates** , use the keyboard to input the location's coordinates and click . After completing your selection, you will be taken to the **Go Screen**, then click **Navigate**.

### 5.5.3 Favorites

From the main **Menu** select **Go To**  and then **Places** . Then select **Favourites** . Use the scroll bar or the keyboard to filter your search. After completing your selection, you will be taken to the **Go Screen**, then click **Navigate**.

#### 5.5.3.1 How to save a favourite location

From the main **Menu** select **Go To**  and then **Postcode** , **Recent Location** , **Address** , **Places** . After completing your selection, click **Save** . Alternatively, simply click on a POI or any other point on the map, and then click on the Add to Favourites button  on the bottom bar.

Complete the fields you wish to detail, and then click **Save**  to add to Favourites.





← **Add to favourites** 🌐

Edit Name Storey's Gate

Tags

Add Address

Add Phone

Add URL

Delete Save

### 5.5.3.2 How to delete a favourite location

From the main **Menu** select **Go To** 🔍 and then **Places** 📍. Then select **Favourites** ☆. Use the scroll bar or the keyboard to filter your search. After selecting the desired location from the list, click **Edit** and then **Delete**.

### 5.5.4 Navigate to Itineraries

From the main menu select **Go To** 🔍 and then **Itineraries** 📅. You can then create a new itinerary, or select an itinerary from the list, if you have already created or imported any.

#### 5.5.4.1 How to create an itinerary

To create an itinerary, click **Add New Itinerary** ➕ Add new itinerary. Edit the name and the description by selecting them and using the keyboard. Click **Save** to proceed. Afterwards, you will have to define the waypoints to be included in your itinerary. Click **Add New Waypoint** ➕ Add new waypoint, selecting from **Postcode** 📧, **Recent Location** 📍, **Address** 📍, **Places** 📍. After completing your selection, click **Save** and repeat the process for each new waypoint.

**NOTE:** You can also add a waypoint by selecting any point on the map, and clicking the waypoint shortcut, on the context bar. Then you can either add it to an existing itinerary, or create a new one, where the selected waypoint will be included.


#### 5.5.4.2 How to change an itinerary


Select an itinerary from the list.


To view the whole itinerary on the map, click **View On Map** 🔍. Only the route between the itinerary waypoints will be calculated and shown.

To edit the itinerary's waypoints, click **Show Waypoints** 📍. You can then add a new waypoint by clicking **Add New Waypoint** ➕ Add new waypoint.




To edit the itinerary's name and description, click **Edit/Rename** .

To delete the itinerary, click **Delete** .

To calculate the route from your current GPS location, click **Navigate** .


The first waypoint is represented by a green flag and the last one by a checkered flag (black and white). The waypoints in between are marked with orange flags.

## 6. My Route


From the main **Menu** select **My Route** . The **My Route** menu allows you access to several options for viewing and manipulating the route that has been calculated.

**NOTE:** This option is only available when a route has been calculated.


### 6.1 Show Route

Select **View On Map** . An overview of the full route will be temporarily shown on the display.


### 6.2 Stop Navigation

Select **Stop Navigation** , This will cancel the current route and return you to the main menu


### 6.3 Road Book

Select **Road Book** . A summary list of all required manoeuvres for the route will be shown, detailing the distance to that manoeuvre, the type of manoeuvre, the road name you will be joining as well as an estimated time to that manoeuvre.

### 6.4 Alternative Routes

Select **Alternatives** . You will be shown a number of options to allow you to make changes/alterations to your calculated route.


#### 6.4.1 Calculate alternative

Select **Calculate Alternative** , the unit will now calculate an alternative route based on your set route preferences. An overview of the full route will be displayed temporarily before navigation begins. You can re-calculate the route numerous times, just by selecting **Calculate Alternative**.

#### 6.4.2 Roadblock


This option allows you to quickly calculate a detour around an obstruction like traffic jams which are on your planned route.




Select **Roadblock** . You will be shown a number of different distance options. Select the option which is longer than the distance to the expected obstruction. The unit will re-calculate a route which will avoid the original planned route for this distance. The old route will be shown on the map by a light blue line.

#### 6.4.3 Avoid part of route


This option allows you to avoid part or parts of the currently calculated route and allows you to change the route to take into account high traffic areas or road works so that these roads will be avoided.

Select **Avoid Part Of Route** , You will be shown a list of all the roads which are currently being used to complete your route. Simply scroll through the list selecting the roads you wish to avoid. To select the road to be avoided tap in the small square at the right hand side. You will see a small red cross appear and the road name will also turn red.


Once you have selected all the roads you wish to avoid, click **Avoid** .

A new route will be calculated based on the roads you have excluded. An overview of the route will be briefly shown with the original route shown with a light blue line.

#### 6.4.4 Calculate original

Select **Calculate Original** . The unit will re-calculate the route that was originally calculated. So resetting any changes that you may have made to the route under section 7.


#### 6.5 Start Demo

Select **Start Demo** . The unit will begin travelling the route in demo mode. While in demo the unit will follow the planned route and make any voice announcements that it would normally. The unit will travel the route at the speed limit defined by the road that the unit is currently following.

To stop demo mode, re-enter the **My Route** menu and select **Stop Demo** .



## 7. Settings

From the main **menu** select **Settings** .

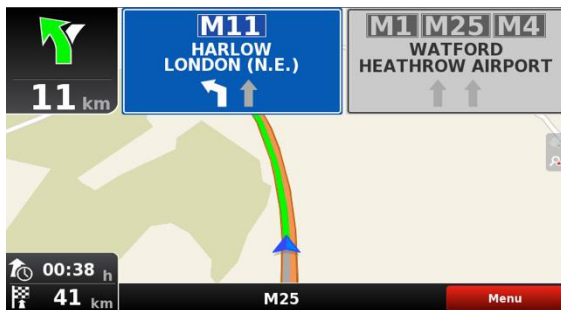
You will have the option of selecting from 7 different settings categories as described below.

### 7.1 General:

**7.1.1 Speaker:** Use +/- to adjust the volume according to your preference. It's also possible to quickly adjust the volume from the Main Map Screen, simply by clicking on the lower bar placed near the Menu button at the bottom of the screen and sliding your finger across it.

**7.1.2 Light:** If you prefer to maintain the screen lighten at all times, select Always On. If you select System, NDrive will consider the light settings defined for your device. To confirm, click on

**Save**



### 7.2 International:

**7.2.1 Language:** Click on Language and then select from the available options. To confirm, click on **Save**.

**7.2.2 Keyboard type:** You may change the layout between ABC, QWERTY and AZERTY. To confirm your choice, select **Save**.

**7.2.3 Kph/Mph:** You may choose to display the velocity in kilometre per hour (kph) or miles per hour (mph). To confirm your choice, select **Save**.

### 7.3 Map Appearance

**7.3.1 Lane assistance:** Displays information about the lanes on junctions and turns. In Intersections, it will display the signposts allowing you to pick the right lane. You may choose between simplified and detailed view.

- In simplified mode, you are shown the lane layout as simple arrows indicating the directional flow of the traffic for each lane.
- In detailed view, the same information is shown but as visual signposts as you would see along the side of the road.

To confirm your choice, select **Save**.

**7.3.2 Map north up in 2D:** When switched to **On** the map will stay orientated North and the cursor will change to show your current direction. When switched to **Off** the cursor remains pointing up and the map will move accordingly to your direction.

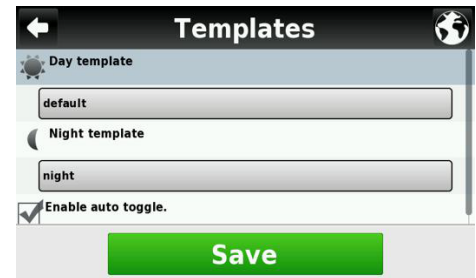
Use the + and – to change between **On** and **Off** then select **Save** to confirm the setting. You will be returned back to the main **settings menu**.



**7.3.3 Dynamic zoom:** Use the +/- to change between **On** and **Off**, when **On** the zoom level will automatically adjust to suit your current speed. (The faster you are travelling the further out the zoom will be). Select **Save** to confirm the setting. You will be returned back to the main settings menu.



**7.3.4 Templates:** Allows you to customize the appearance of the map as well as allowing you to select the automatic change between day and night mode.

Select a template to change (**NOTE:** the Night Template is only available to be changed if Enable Auto Toggle has been selected. Scroll through the available Day or Night templates, a snapshot of how the template will look is shown for each option. If you select “Enable auto toggle” the chosen templates will change automatically between day and night, according to the times shown for each. Select **Save** to confirm your settings.



**7.3.5 Points of interest:** Select from the POIs categories list, the ones you wish to be displayed on the map. Select **Save** to confirm your settings

## 7.4 Routing Options

From the main menu select **Settings**  and then **Routing Options** . You may select among the following routing options, which will influence the routing calculation:

### 7.4.1 Routing options:

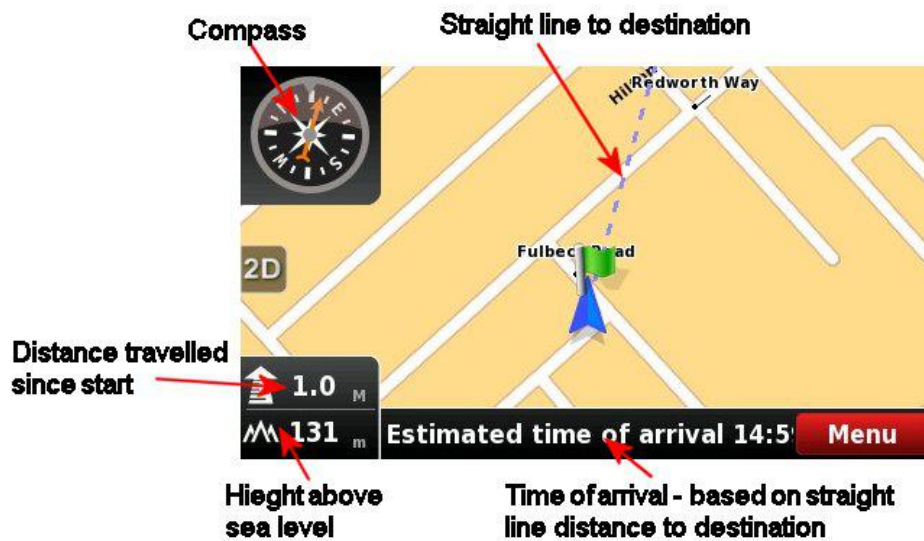
**Fastest:** calculates the fastest route, regardless of the distance. It is highly recommended that you select this option: the planned route will be not only the fastest, but also more economic and pleasant, since better and faster roads such as highways are given priority.

**Shortest:** calculates the shortest route, regardless of the quality of the road. Note that this route may take more time and some of the roads may be narrow or steep.



**Pedestrian Mode:** NDrive will calculate your route using the shortest path available for walking or riding a bicycle; routing calculation will not consider traffic signs and routing is limited to 20 km distances.

**7.4.2 Tolls:** Select “Avoid” if you don’t want to use toll roads on your route or “Yes” to allow NDrive to use tolls on route calculation. Please note that even if you’ve selected the option “avoid”, NDrive will consider toll roads, if that is the only option.

**7.4.3 Adventure mode:** Allows you to navigate to a location or set of co-ordinates which are not located near a road. Select this mode for outdoor activity use or when travelling by sea or air. In this mode, the distance to your destination is calculated in a direct line and a compass will be displayed to guide you towards your destination. Select **Save** to confirm your settings.



## 7.5 Safety Options

From the main menu select **Settings**  and then **Safety Options**  to customize the following options:

**7.5.1 Speed limit alarm:** Allows you to activate/deactivate an alarm to warn you that you have exceeded the speed limit for the road that you are currently on. Use the +/- to change between the available options.

- Off:** The alarm will be switched off
- Visual:** The Road speed limit warning icon will be shown indicating the current speed limit for the road.
- Visual and Sound:** In addition to the speed limit warning icon, you will also hear warning beeps.



Select **Save**  to confirm your settings.

### 7.5.2 Safety camera alert

Allows you to activate/deactivate the alert to warn that you are approaching a speed camera location. Use the + and – to change between On and Off.

Select **Save**  to confirm your settings.

## 7.6 System

From the main menu select **Settings**  and then **System**  to customize the following options:

**7.6.1 Time format:** Select between 12H or 24H format.

Additional Maps and Upgrades – Please visit [www.ndrive.com](http://www.ndrive.com)  
Technical Help – Please contact the helpline on 0844 557 9677



**7.6.2 Restore settings:** Select this option to restore the system to default settings.

**7.6.3 Theme:** Allows you to change between two different themes for the menu button colour Classical and Rainbow. With Classical the buttons will be shown red while Rainbow will show each button in a different colour. Use the +/- to change between **Classical** and **Rainbow**.

Select  to confirm your settings.

## 7.7 GPS

The selected format will define the input method on navigation by coordinates; you can choose between the following formats:

**7.7.1 GPS:** Use the +/- to change between **On** and **Off**. When switched **Off** you will not be able to navigate.

Select  to confirm your settings.

### 7.7.2 Co-ordinates

Use the +/- to change between the available options.

DDD – Degrees and decimal degrees

DMM – Degrees and minutes

DMS – Degrees, minutes and seconds

Select  to confirm your settings.





## 8. My Ndrive

Allows access to information about your device/software, as well as allowing access to further preferential settings.

### 8.1 Define Home

Allows you to set or change your home location, See section 5.4.1 for information about how to set/change your home location.

### 8.2 Start up Wizard

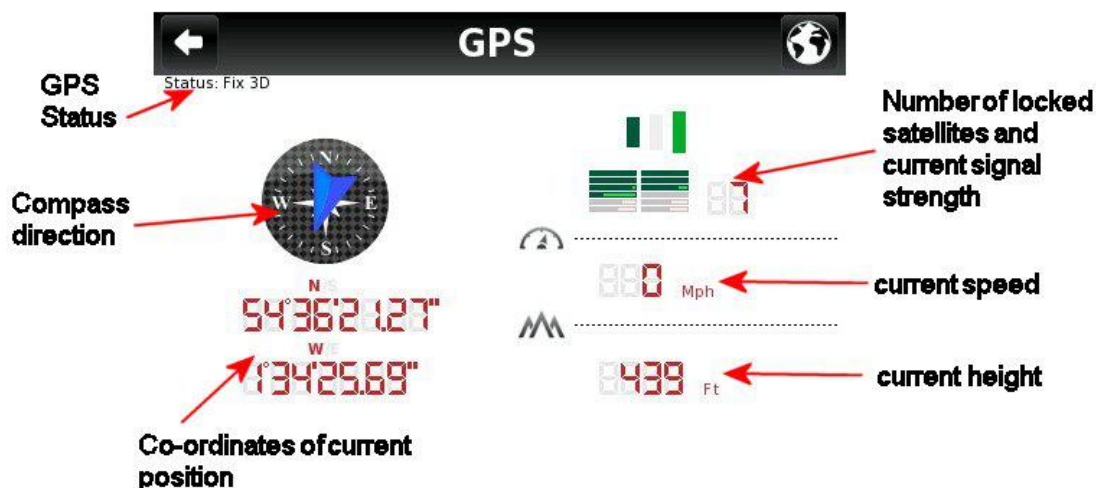
Allows for the legal information screen to be re-shown the next time the software is started. After selecting, choose **YES** to confirm or **NO** to cancel.

### 8.3 My Maps

Displays information relating to the maps you have installed on your device, including the country the map is for and the date when it was compiled.

### 8.4 GPS

Displays information relating to the status of the GPS signal to your device.



### 8.5 Version

Displays information relating to the version of NDrive software you are running on your device.

### 8.6 Data Import/Export

Allows you to back up your saved data or to import files from another device.

**NOTE:** You can import itineraries created on Google Earth as they can be saved to your computer in the .KML format.

#### 8.6.1 Importing data

Additional Maps and Upgrades – Please visit [www.ndrive.com](http://www.ndrive.com)  
Technical Help – Please contact the helpline on 0844 557 9677






Firstly in order to import data you will need to either connect the device to your computer via a USB cable or remove the SD card (if applicable) and connect it directly to your PC. You can then copy the .KML files from your source into the corresponding folder: Speedcams, Itineraries or Favourites. Located inside the main NDrive folder located on your device or on your SD card.

The information in the .KML file will not be recognised by your device until it has been extracted using the import function as described below.

From the main menu select **My NDrive** , then select **Data Import/Export** .

Then, depending on what you wish to import, select **Import Safety Cameras** , **Import Itineraries** , or **Import Favourites** .


You will see a list of files which can be imported, select a file by clicking on it and the import process will begin automatically.

Once finished click , you will be returned to the **Data Import/Export** screen.

## 8.6.2 Exporting data

When exporting your favourites/Itineraries the information will be converted back into a .KML file and will be exported to the same corresponding folder as described in section 9.6.1. From there you will be able to copy them to your PC for future use, using the methods described previously to copy the files to the folders on your device or SD card.

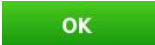
From the main menu select **My NDrive** , then select **Data Import/Export** .

Then, depending on what you wish to export select **Export Favourites** , or **Export Itineraries** .

**8.6.2.1 Exporting itineraries:** After selecting Export Itineraries, you will be taken to the itineraries list screen. Scroll through the available itineraries until you find the one you wish to export. Select the itinerary and it will automatically be exported.


Once finished click , you will be returned to the **Data Import/Export** screen.

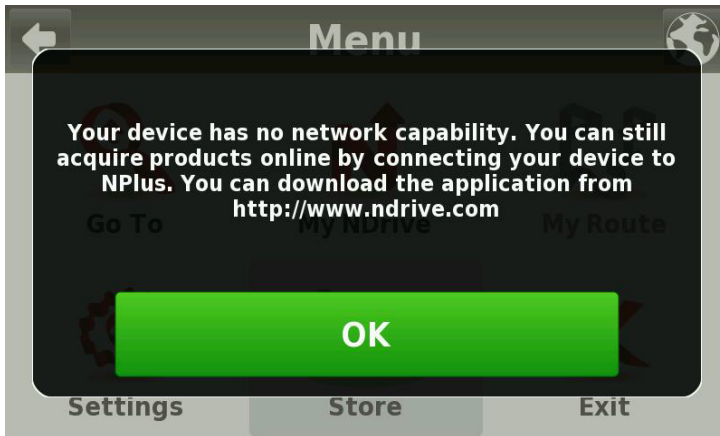
**8.6.2.2 Exporting favourites:** After selecting Export Favourites, your favourites will be automatically exported.


Once finished click , you will be returned to the **Data Import/Export** screen.



## 9. Store

This feature is not available on this device as it does not have any network connection capability. If you select **Store** , you will be shown the following screen.



Please select  to be returned to the main menu. To gain access to the NDrive store in order to make purchases and to update the software on your device, please visit [www.ndrive.com](http://www.ndrive.com) select the support tab and then NPlus.

Download and install the NPlus software to your PC. Once installed connect your device to your PC via a USB cable and then launch the NPlus software.

**NOTE:** If connecting the device to a computer with windows system, you need to change the USB setting to MS ACTIVESYNC mode, and then download ActiveSync from the Microsoft® website. If connecting the device to a computer with IOS, you need to change the USB setting to MASS STORAGE mode.

## 10. Exit

Select to exit the navigational software.

From the main menu select **Exit** .

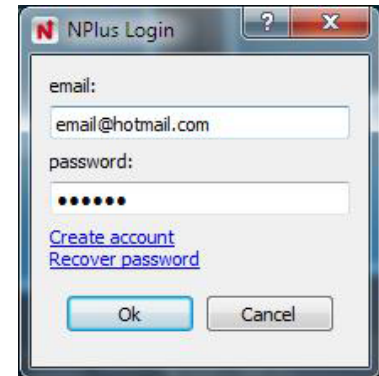
You will be asked to confirm you wish to exit the NDrive software, choose **Yes** to confirm and **No** to cancel exiting.



## 11. Nplus

When running Nplus for the first time you will need to create an account, Click on Create account and you will be taken to an online webpage where you will be able to set up your account and create you login details.

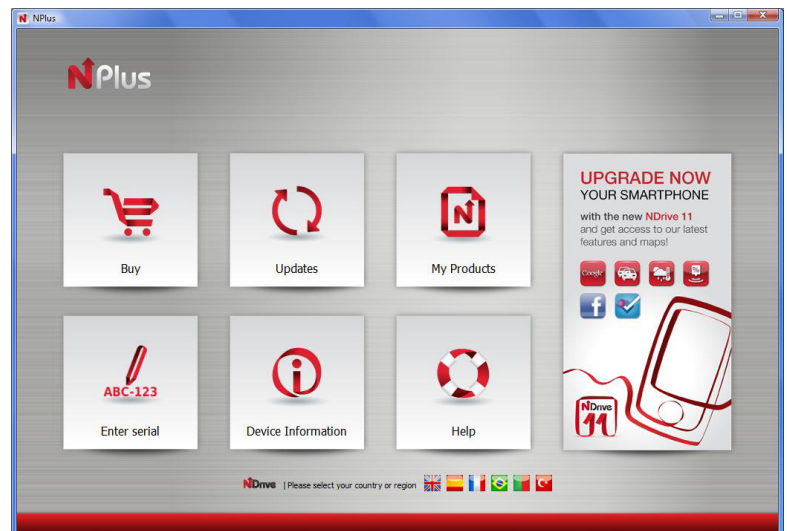
Every time you run Nplus you will need to login so please make a note of your login details for future use. After logging in you will be shown the main Nplus screen from where you are able to make purchases/select updates and install these onto your device.



### 11.1 Buy

Select **Buy** to be taken to a different screen where you will be able to purchase additional maps, additional language voices, TTS voices (Text To Speech). You can select and purchase items here which can then be downloaded and installed via the My Products screen described later in this section.

**NOTE:** Some additional language voices are free and do not need to be paid for. Simply select the voice for the language you wish to be downloaded and installed



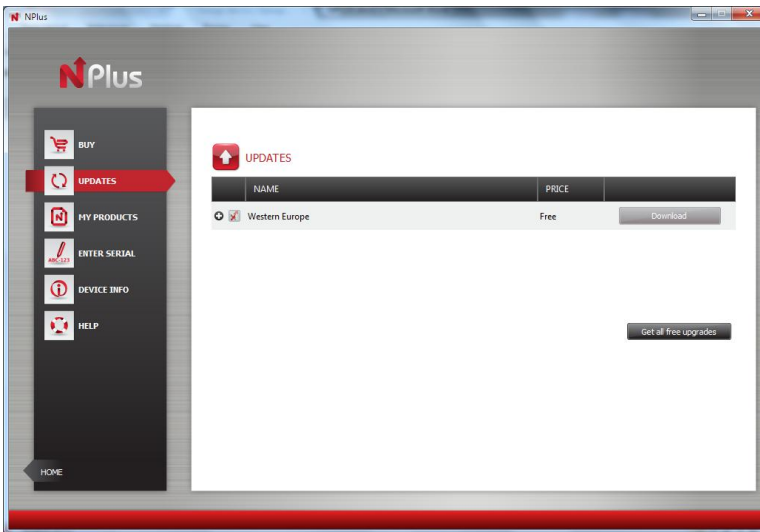
#### 11.1.1 Paying for purchases

When you select an item which needs to be purchased, Nplus will take you to the payment screen. You can pay for your purchase using one of the following cards Visa, MasterCard or American Express. Select **Credit Card** and enter your details into the provided fields before selecting **Confirm Values** to continue with your purchase.

If you have a serial number to activate a map, use the option **Serial Number** to be taken to a screen where you can enter your serial number.



## 11.2 Updates



Select **Updates** to have Nplus check your device for any available map updates. If there are no updates available Nplus will show this on the update screen, if updates for your device are available then a list of updates will be shown. You can select

individual updates by selecting **Download** or select all free updates by selecting **Get all free upgrades**. **Note:** some updates may not be free.

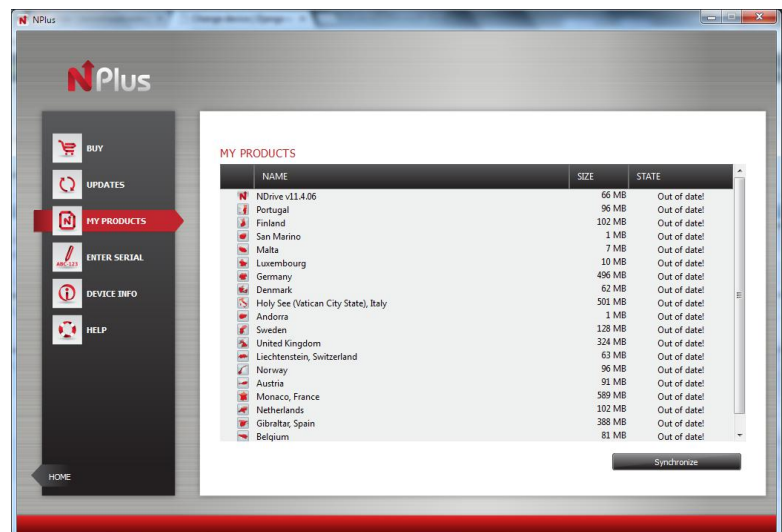
In order to download and install these updates you will need to select **My Products**.

## 11.3 My Products

Select **My Products** to begin downloading and installing your selected updates/purchases. A list of items to be downloaded and installed will be shown; if there is an update to the software this will also be shown in the list of downloadable items.

To begin the download and installation process select **Synchronize**.

After selecting Nplus will begin downloading your updates/purchases, a green progress bar will be shown at the bottom of the screen to indicate the current download progress.



After your updates/purchases have been downloaded, you will be asked if you wish to install now or later. Select **Yes** to begin installing your updates/purchases, you will be shown a second pop up window when installation has been completed. You can now close down Nplus and disconnect your unit from the computer.

If you wish to install your updates at a later date, select **No**. When you wish to install your updates/purchases, connect your device to the computer and run Nplus again. Select **My Products** and then **Synchronize**.

## 11.4 Enter Serial



Select **Enter Serial** if your map requires a serial number in order to validate the map. After selecting **Enter Serial**, you will be taken to a screen where you can enter and confirm your serial number.

### 11.5 Device Information

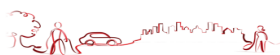
Select **Device Information** to be shown further detailed information about the device which is currently connected to Nplus.

### 11.6 Help

Select **Help** to gain access to Ndrives online help sections, which will provide help and advice on using the Ndrive software. Select from one of the four available categories to be taken directly to the webpage containing that information.

The categories you have the choice from are as follows:

- User guides**
- Frequently Asked Questions (FAQ)**
- Video Tutorials**
- Technical support**



## 12. Frequently asked questions

### **I can't find an address.**

Please make sure you have correctly spelt your entry. If you do not know how an address is spelt correctly, simply enter the parts of the address, you know of sure (e.g., "ond", "Leic" for Leicester Square in London). Then browse the results list and look for the address. Also make sure the city in which you are looking for an address is correct. Sometimes the official postal address differs from the address you are looking for. In that case, search for a known address nearby and browse the map.

If you find the address on the map but you cannot find it while searching for it, please contact NDrive via the support tab on the website [www.ndrive.com](http://www.ndrive.com).

### **The map contains an error / POI's are missing.**

If you detect an error in the map data (e.g., a street is missing completely), we would like to inform our map data provider. Please contact NDrive via the support tab on the website [www.ndrive.com](http://www.ndrive.com).

### **I am experiencing problems getting a GPS fix.**

If you have problems getting a satellite fix with GPS (you can see how many satellites are being received by going to the main menu and selecting GPS receiver), please make sure you are outside and the GPS antenna has good 'visibility' to the open sky. Some models also support an additional external active antenna. Please consult the hardware manual of your device to get further information on how to obtain a GPS fix.

### **Where can I get technical hardware support?**

Please contact our help line 0844 557 9677.

### **Where can I get software updates?**

Please see sections 11 of the user guide for information about how to update your software.

### **Where can I get additional maps and guides?**

Please see sections 9 & 11 of the user guide for information about how to obtain map updates.

### **The car mount does not stick to the windscreen securely**

Clean both the suction cup of the car mount and the windscreen with rubbing alcohol. Dry both with a clean cloth, then re-attach the car mount to the windscreen.

### **Unit does not turn on when using battery power**

The battery in your unit may be too low. Connect the device to a power source with the car charger, then turn the unit on after a waiting a few minutes. Charge the battery till it shows full.

### **Screen responds slowly**

Make sure that your device is connected via the car charger or has sufficient battery. If the problem persists reset the unit with the reset switch found on the rear of the unit.

### **Computer connection problems**

Make sure that your unit and computer are both turned on before trying to establish the connection. You should reset your unit prior to connecting and always disconnect your unit before restarting your computer.

### **Require further help with using the NDrive software**

See section 9 and 11.6 or call the helpline on 0844 557 9677



## 13. Technical Specifications

<b>CPU</b>		Mstar 2531A
<b>Operating System</b>		Microsoft WinCE. 6.0
<b>Antenna</b>		Built-in GPS High Sensitivity Receiver (42 channels)
<b>Memory</b>		128MB SDRAM Built-in
<b>Display</b>		7" Colour TFT Touch Screen
<b>Weight</b>		295g
<b>I/O</b>	<b>Input Method</b>	Touch Panel
	<b>Expansion Slot</b>	MicroSD Card
	<b>Speaker Built-in</b>	1.0W Speaker
	<b>USB</b>	Charge, ActiveSync and Mass Storage
	<b>Battery</b>	Re-chargeable Lithium Polymer Battery
<b>Dimension</b>		182*112.3*17.5mm





BINATONE TELECOM PLC  
85 Frampton Street London NW8 8NQ, United Kingdom  
Tel: +44(0) 20 8955 2700 Fax: +44(0) 20 8344 8877  
e-mail: binatoneuk@binatonetelecom.co.uk



## EC Declaration of Conformity

We the manufacturer / Importer: Binatone Telecom Plc  
85 Frampton Street London  
NW8 8NQ, United Kingdom

Declare under our sole responsibility that the following product

Type of equipment: GPS  
Model Name: U700

Country of Origin: China  
Brand: Binatone

complies with the essential protection requirements of Directives 2014/53/EU, 2014/35/EU and 2014/30/EU and the following standards:

Radio Spectrum: ETSI EN 303 413 V1.1.1 (2017-06)  
ETSI EN 301 357 V2.1.1 (2017-06)  
EMC: ETSI EN 301 489-1 V2.2.3 (2019-11)  
ETSI EN 301 489-9 V2.1.1 (2019-04)  
ETSI EN 301 489-19 V2.1.1 (2019-04)  
EN 62479: 2010  
Electrical Safety: EN 62368-1:2014+A11:2017

The product is labelled with the European Approval Marking CE as show. Any Unauthorized modification of the product voids this Declaration.



Manufacturer / Importer  
(signature of authorized person)

Calvin Tsang, Product Manager



London,

Signature:

Place & Date: 03 Aug, 2020