



For PND



NAVIGATION





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1. Introduction

This manual contains instructions intended to assist you to optimise use of your ViaMichelin Navigation X-980T.

The pack you have bought contains:

- 1 ViaMichelin Navigation X-980T with a stylus
- 1 car mounting system
- 1 cigarette-lighter cable
- 1 external TMC antenna
- 1 power cord
- 1 USB cable
- 1 SD Card preloaded with the map of Europe
- 1 ViaMichelin Navigation DVD-ROM
- 1 installation diagram
- 1 installation manual (QuickStart)

Before installing ViaMichelin Navigation X-980T in your car, we recommend that you familiarise yourself with the system.

To do this, plug your ViaMichelin Navigation X-980T into a power socket (using the power cord supplied) and charge it for four hours when charging for the first time.

You will notice that the indicator light in the top right-hand corner of your ViaMichelin Navigation X-980T changes colour according to the battery power level:

- Orange indicator light: the ViaMichelin Navigation X-980T is charging.
- Green indicator light: the ViaMichelin Navigation X-980T is fully charged.

ViaMichelin Navigation X-980T has a battery life of approximately 3 hours depending on use and the screen brightness maintained.

The device is fitted with a touch screen, and is designed to be operated with your fingertips for greater convenience. You can also use the stylus supplied (on the back of the ViaMichelin Navigation X-980T).

Although the ViaMichelin Navigation X-980T is ergonomically designed to be as intuitive as possible, this manual contains precise instructions, together with tips and advice, for each of the many functions that the device offers.

You will find other help and advice on the ViaMichelin Internet site dedicated to navigation:

www.ViaMichelin.com/support

2. Installation in the vehicle



2.1. Installing the hardware in the vehicle

- Install the mounting system on the windscreen by applying pressure to the suction pad and then turning the screw clockwise.
- Install your ViaMichelin Navigation X-980T by sliding it onto the mounting system as shown (see the installation diagram provided).
- Start your vehicle.
- Connect the cigarette-lighter cable to the ViaMichelin Navigation X-980T mounting system (socket on the right-hand side) and then to your vehicle's cigarette-lighter socket.
- Check that the PND lock, located on the top of the device, is unlocked (pushed towards the On/Off button) and turn on ViaMichelin Navigation X-980T.



2.2. Installing the software

ViaMichelin Navigation is a “Plug & Drive” solution: Simply insert the memory card provided into the slot on the left-hand side of your PND (Personal Navigation Device) then follow the installation instructions displayed on your screen (see Chapter 10: Installing the SD card):

- Select the language for the menus
- Select the voice guidance language
- Validate enabling of voice synthesis announcing road signs, road names and traffic information messages (optional).
- Voice guidance settings
- Select the distance unit
- Select map display
- Set the time
- Select map: “**EUROPE.FDP [Storage Card]**” or “**Canaries.fdp [Storage Card]**”

ViaMichelin Navigation is now ready to guide you!

Comment:

- *Make sure that your SD is not in the “Lock” position, as this may prevent ViaMichelin Navigation from functioning properly. (“Lock” position protects the contents of your SD*

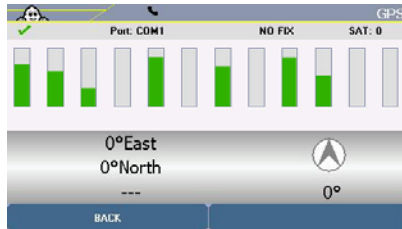
card, but this also prevents the ViaMichelin programs from saving the information required for the software to run properly on the SD card).

- Your SD card contains the data needed to activate the DVD-ROM provided. To avoid any problems with your SD card, we strongly recommend that you activate the DVD provided in your pack before using ViaMichelin Navigation X-980T. You will then not only be able to use ViaMichelin Navigation's advanced functions with the available PC applications, but also be able to restore the original contents of your SD card if necessary.



2.3. Activating the GPS

After connecting ViaMichelin Navigation X-980T and installing the software on the SD card, go to the Main Menu, and click Options / Navigation / GPS. This will take you directly to the page presenting GPS reception:



- The green “V” means that GPS is activated.
- **“NO Fix / FIX: 2D/FIX: 3D”** indicates better signal reception, and therefore more accurate positioning.
- **“SAT:”** indicates the number of satellites used to calculate your position.
- The vertical bars show the satellites detected:
 - grey the device is receiving satellite signals but is not using them to determine the position (reception starting, signal not powerful enough, etc.).
 - green the device is using the satellite signals to calculate your position.
- The numbers under the vertical bars give the satellite number.
- Coordinates: longitude and latitude calculated by the system.
- Direction arrow: shows the direction of travel between 2 position calculations by the GPS.

When using ViaMichelin Navigation X-980T for the first time, we recommend you do so in an open space in order to ensure the best possible satellite reception. Activating the GPS system for the first time can take several minutes, depending on the surroundings and the quality of the GPS signals.



2.4. Activating TMC

Traffic Info via RDS (Radio Data System) / TMC (Traffic Message Channel) allows you to receive information on traffic conditions over the radio on your ViaMichelin Navigation X-980T.

ViaMichelin provides you with real-time information on traffic conditions, so that you can avoid traffic problems or simply be forewarned.

- You can access this option:
 - From the **Main Menu**: click “**Options**” then “**Navigation**” / “**Traffic Info**”. This option allows you to set up Traffic Information before planning a journey.
 - From **Navigation Mode**: click the navigation screen then “**Options**” and finally “**Traffic Info**”. In this mode, you can enable or disable Traffic Info while navigating a route.
 - Click the button on the right of the screen showing the symbol of small cars: this mode will bring you directly to the Traffic Info message screen.

Detailed instructions for installing and using the TMC function are given in Chapter 6.2.4 of this manual.

3. General Introduction

ViaMichelin Navigation X-980T has several buttons on its front that provide direct access to certain functions:



3.1. Left-hand buttons

- top button: increases the volume of navigation voice messages.
- lower button: reduces the volume of navigation voice messages.



3.2. Right-hand buttons

- From the top downward:
 - Home: takes you directly to the [Main Menu](#)
 - arrow with + takes you directly to the [History](#)
 - cars takes you directly to the [Traffic Info Messages](#) screen
 - [i]: takes you directly to [Search for POIs](#)



3.3. Upper section buttons

- “lock” button used to lock or unlock access to the SD card, to enable or disable the ViaMichelin Navigation X-980T touch screen and the On/Off button.
- On/Off button to switch the device on or off.

To reset the device (soft reset or hard reset), see the information given in the table in paragraph 14.



3.4. Sockets under the ViaMichelin Navigation X-980T

- audio/antenna socket use this jack to connect either an earphone for the voice instructions or an antenna for traffic information reception (for more information, see paragraph 6.1.4.5).
- mini-USB port to connect ViaMichelin Navigation X-980T to the PC.

- mounting system connection socket this socket provides the connection between the parts in the car mounting system and ViaMichelin Navigation X-980T.
- power connector to directly connect the power cord or cigarette-lighter cable.



3.5. Stylus

ViaMichelin Navigation X-980T comes with a stylus. It is kept on the top of the device and can be removed by pulling upwards. You can use it to navigate around all the menus and screens on your ViaMichelin Navigation X-980T device or to perform a “hard and soft reset” (for more information, refer to the instructions in the table in paragraph 14).

For more information, see the installation diagram supplied with your pack.



3.6. Practical information

- PC configurations:
 - PC with Pentium III processor @ 500 MHz
 - 512 MB of RAM
 - DVD-ROM drive
 - Microsoft Windows® 2000 or XP operating system
 - PC disk space: 3.6 GB minimum available
 - Internet connection to activate the DVD and download the POIs
- Copyrights:
 - Michelin 2006.
 - Cartography © ViaMichelin 2006.
 - Digital Data © Tele Atlas 2006
 - Licence number 100036685
 - Text To Speech Software © Nuance 2006
 - For other copyright information, click "**Settings**", "**General**" and "**About**" on the software
- You can order accessories and spare parts for ViaMichelin Navigation X-980T from ViaMichelin's dedicated Navigation web site:

<http://www.shop.viamichelin.fr/>



3.7. Technical information

Dimensions (L x W x H) in mm	150 x 82.5 x 26.8
Weight	260g
Cigarette-lighter cable voltage	12 V
Screen	4.3" (10.9cm) TFT LCD – 65,536 colours – 480 x 272 pixels – with anti-reflective coating
Processor	Intel Bulverde
Processor speed	416 MHz
Operating system	Windows CE.net 5.0
ROM memory	256 MB
RAM memory	64 MB
USB link	v 2.0
Operating conditions	between 0° and 55°C (battery charge: between 0° and 43°C) 10 – 85% humidity max. altitude: 18,000m
Battery	Lithium-Ion 1.080 MAH
Battery life	3 hours
GPS standard used	NMEA 0183 (2.x) – 4800 bps – Datum WGS 084
Reception unit	SIRF Star III
antenna connector standard	MMCX
Headset connector / TMC antenna	3.5mm jack – stereo – 16 Ohms
FM frequency scanned	76 – 108 MHz
RDS sensitivity	< 35 dB/uV
Bluetooth®	v 2.0 – Class 2

4. Navigating

- Turn on ViaMichelin Navigation X-980T



- Click **“Navigate”**.



- You can choose your navigation by one of 3 search methods:
 - towards a Destination
 - Free Navigation
 - towards the Last Route followed
- Click the navigation of your choice.
- Click **“Main Menu”** if you wish to return directly to the system home page or click **“Back”** to go back to the previous screen.



4.1. Destination

- -Click **“Destination”**.



- You can choose your destination by one of 6 search methods:
 - towards an **Address**
 - towards a **POI** (Point Of Interest)
 - by **Selecting** a place directly **on the map**
 - in **My Saved Addresses**
 - in the **History** of the last 15 journeys made
 - by specifying **GPS Coordinates**

4.1.1. Address

- Click “**Address**”.
- You can then search either by:
 - “**Postcode**”
 - or “**Town**”.

4.1.1.1. Postcode

- Click “**Postcode**”

Comment:

- *When using the system for the first time, you must select the country for the search. Type the beginning of the country name, ViaMichelin Navigation will automatically complete your search, then click the result button.*
- *You can either click the country given in the line at the top of your screen or click “X results” to select the country you want from the list shown.*

If you wish to change the country in which you are searching for addresses, simply click the button on the top left of the screen showing the country identification selected and select another country.



- Enter the postcode you want by clicking the relevant numbers.
- Click “**History**” if you want to go directly to the last 15 postcodes searched or click “**Back**” to return to the previous screen.

- Click the result bar or the “**X Results**” button: on the list displayed, click the pos code you want.



- Enter the name of the street you are looking for by clicking the letters of your choice from those displayed corresponding to the different selections known to the system.
- Click “**Town Centre**” if you want to position the destination point in the centre of the town indicated or click “**Back**” to return to the previous screen.



- Click the result bar or the “**X Results**” button: click the street you want from the list displayed.
- Click “**Change**” on the results screen if you want to change your search criteria, or click “**Main Menu**” to take you back directly to the system home page.
- Then click the positioning you want:
 - **Centre on street:** if you want to position the arrival point in the geographical centre of the selected street.
 - **House number:** if you want to specify the house number.
 - **Select Street Intersection:** if you want to position the arrival point at an intersection with another street.

Centre on Street

- Click “**Centre on Street**”.

This brings you directly to the “**Route Summary**” screen summarising the settings used to calculate your route.

House Number

- Click “**House Number**”.
- Enter the house number to search for.
- Click “**Display All**” if you want to display the list of house numbers known to the system in the selected street or click “**Back**” to return to the previous screen.

- Click **“Search”**.
- If the system does not recognise the number entered, it displays the list of closest known numbers. Click the number closest to the one you want, or click **“Change”** if you want to search for a different house number. You then return to the **“House Number”** screen.
- If there is no vehicle access to the house number you entered (pedestrian road, private road, etc.) the message **“No vehicle access to address. We have selected the nearest road”** is displayed. Click **“OK”** to automatically position your arrival point as close as possible to your desired destination point.

This brings you to the **“Route Summary”** screen summarising the settings used to calculate your route.

Select Street Intersection

- Click **“Select Street Intersection”**.
- Enter the name of the street that intersects your destination street.
- Click **“Display All”** to obtain the list of streets that intersect the street indicated or click **“Back”** to return to the previous screen.
- Click **“Search”**.
- If there are several streets that meet your criteria, a list of street names is displayed. Click the direction arrows to view all the streets found and click the street you want.
- Click **“Change”** if you want to change the search criteria. You then return to the **“Enter street intersection”** screen. Or click **“Main Menu”** to go back directly to the system home page.

This brings you to the **“Route Summary”** screen summarising the settings used to calculate your route.



- Click **“OK”** to start calculating the route.
- Click one of the right-hand buttons if you want to change one of the criteria or click **“Add Stage”** to add one or more stages to the journey to be calculated.
- The Navigation screen is displayed once the route has been calculated. Start driving. The voice guidance system will give you directions to your destination.

4.1.1.2. Town

- Click **“Town”**.



- Enter the name of the destination town by clicking the letters of your choice from those displayed corresponding to the different selections known to the system.
- Click **“Main Menu”** if you want to return directly to the home page, click **“History”** if you have already calculated routes, or click **“Back”** to return to the previous page.
- After entering your search criteria, click **“X Results”** to start the search and to see the list of towns, or click the result on the result bar to go directly to the town.
- Click the town you want, or click **“Change”** if you want to modify the search criteria. This will bring you back to the search town page.
- Enter the name of the destination street by clicking the letters of your choice from those displayed corresponding to the different selections known to the system.
- Click **“Town Centre”** if you want to position the arrival point on the geographical centre of the destination town or click **“Back”** if you want to return to the previous screen.
- After entering your search criteria, click **“X Results”** to start the search and to see the list of streets, or click the result on the result bar to go directly to the street.
- If there are several streets that meet the criteria you specified, a list of streets appears. Click the direction arrows to view all the streets found.
- Click the street you want, or click **“Change”** if you want to modify the search criteria. This will bring you back to the destination street name screen. You can also click the **“Main Menu”** button to return to the system home page.
- Then click the positioning you want:
 - **Centre on street** if you want to position the arrival point in the geographical centre of the selected street.
 - **House Number** if you want to specify the house number.
 - **Select Street Intersection** if you want to position the arrival point at an intersection with another street.

4.1.2. POI

- Click “**POI**” (Point Of Interest).



- Click the direction arrows to display all POI categories.
- Click the POI category you want.
- You can now select the place you are looking using 4 criteria:
 - **Town** to look for a selected POI in the town you choose.
 - **GPS Position** to find a POI near the position established by the GPS.
 - **Departure Point** to look for a POI near your departure point.
 - **Arrival Point** to look for a POI near your arrival point.

4.1.2.1. Town

- Click “**Town**”.
- You can then search either by:
 - “**Postcode**”
 - or “**Town**”.

1. Postcode

For more information, see paragraph 4.1.1.1.

Name Search

- Click “**Name Search**”.
- Enter the name of the POI you want.
- Click “**Display All**” to see the list of POIs known to the system, or click “**Back**” to return to the previous page.
- Click “**Search**” to start the search. The list displayed takes the word you entered into account.
- Click the direction arrows to view all the POIs, then click the POI of your choice.
- Click “**New Search**” if you want to go back to the search screen.

Criteria Search

- Click “**Criteria Search**”.
- Select the “**Category**” and/or “**Tourist interest**” (only for POIs in the Michelin Guide and Green Guides) you want by clicking the direction arrows or the information to select from the list displayed:
- Category:
 - Civil and historic architecture
 - Religious building
 - Museum
 - Historic streets, districts
 - Urban sites, natural sites
 - Leisure
 - Châteaux
 - Indifferent
- Tourist interest:
 - 3* Worth the trip
 - 2* Worth a detour
 - 1* Interesting
 - Indifferent
- Click “**Search**” to start the search. The list displayed takes your selected criteria into account, or click “**Back**” to return to the previous screen.
- Click the direction arrows to view all the POIs then on the POI of your choice
- Click “**New search**” if you want to go back to the search screen.

Keyword Search

- Click “**Keyword Search**” (château, park, church, etc.).
- Enter a word associated with the POI you want or click “**Display All**” for a list of the POIs known to the system.
- Click “**Search**” to start the search. The list displayed takes the word you entered into account.
- If there is no POI meeting your search criteria, the system displays the message “**No POI matches your request. Please try a new search**”. Click “**OK**” to return to the previous screen.
- Click the direction arrows to view all the POIs, then click the POI of your choice.
- Click “**New search**” if you want to go back to the search screen.
- Click the POI you want.



This will take you to the POI description page (for more information, see Chapter 9.5).

- Click “**OK**” to confirm the POI as your destination, or click “**Back**” if want to return to the previous screen.

This brings you to the “Route Summary” screen summarising the settings used to calculate your route.

2. Town

- Click “**Town**”.

For more information, go to paragraph 4.1.1.2.

- Click the town of your choice.
- Click “**Change**” if you want to change your search criteria, or click “**Main Menu**” to take you back directly to the system home page.



- Click the direction arrows to view all the POIs found, classified in order of increasing distance from the place indicated.
- Click the POI you want.

This will take you to the POI description page (for more information, see paragraph 9.5).

- Click “**OK**” to confirm the POI as your destination, or click “**Back**” if want to return to the previous screen.

This brings you to the “Route Summary” screen summarising the settings used to calculate your route.

4.1.2.2. GPS position – Departure Point or Arrival Point

- Click “**GPS position**” – “**Departure Point**” or “**Arrival Point**”
- Click the direction arrows to view all the POIs found, classified in order of increasing distance from the place indicated.
- Click the POI you want.
- Click “**Refine Search**” to go to the advanced search screens, or click “**Back**” to return to the previous screen.
- You can now specify your search by:
 - **Name Search** *for more information, see paragraph 4.1.2.1.*
 - **Criteria Search** *for more information, see paragraph 4.1.2.1.*
 - **Keyword Search** *for more information, see paragraph 4.1.2.1.*



This brings you to the POI description page (see Chapter 11)

- Click “**OK**” to confirm the POI as your destination, or click “**Back**” if want to return to the previous screen.

This brings you to the “Route Summary” screen summarising the settings used to calculate your route.

4.1.3. Select on Map

- Click “**Select on Map**”.



- Zoom in and move the map to position the location marker (blue circle in the centre of the screen) on the location you want:
 - to zoom in: click “-” or “+” in the bar at the top of the screen to gradually zoom in on the map, or click the bar to move it directly to the desired zoom level. The map system offered on ViaMichelin Navigation X-980T includes 14 zoom levels.
- To move the map: place the stylus on the map and move it in the direction you want.
- Click “**Destination OK**” to confirm the location or “**Back**” to return to the previous screen.
- Click “**OK**” to start calculating the route.
- Click one of the right-hand buttons to change one of the criteria or click “**Add Stage**” if you want to add one or more stages to the journey to be calculated.
- The Navigation screen is displayed once the route has been calculated. Start driving. The voice guidance system will give you directions to your destination.

4.1.4. My Saved Addresses

- Click “**My Saved Addresses**”.



- You can search in the category of your choice:
 - Family
 - Friends
 - Work
 - Favourite addresses
 - Miscellaneous
 - My ViaMichelin
- Click the category where the saved address you want is located. The number of saved addresses is given in brackets beside each category.
- Click the direction arrows to view all address categories saved on your ViaMichelin Navigation X-980T.
- Click the type of search you wish to perform:
 - Name Search
 - Search Near

4.1.4.1. Name Search

- Click **“Name Search”**.
- Enter the name of the saved address you want to find.
- Click **“Display All”** to obtain a list of your saved addresses found by the system in the category selected, or click **“Back”** to return to the previous screen.
- If no saved address is found, the system displays the message **“No saved addresses match your request. Please try a new search”**. Click **“OK”** to return to the previous screen.
- If a list of your saved addresses is displayed, click the direction arrows to view the whole list. Click the saved address you want.

4.1.4.2. Search Near

- Click **“Near”**.
- You can then search according to 4 criteria:
 - **Town** to search for a saved address in the town of your choice.
 - **GPS Position** to find your saved address near the position established by the GPS.
 - **Departure Point** inactive in this method of route planning.
 - **Arrival Point** to select your saved address near your arrival point.

Town

- Click **“Town”**.
- You can then search either by:
 - **“Postcode”**
 - or **“Town”**.

Postcode

- Click **“Postcode”**
- Enter the postcode you want by clicking the relevant numbers.
- Click **“History”** if you want to go directly to the list of the last 15 postcodes searched or click **“Back”** to return to the previous screen.
- Click the saved address you want.
- Click the result bar to select the result or the **“X Results”** button: then click the postcode you want from the list.

- If no saved address is found, the system displays the message **“No saved addresses match your request. Please try a new search”**. Click **“OK”** to return to the previous screen.
- If a list of your saved addresses is displayed, click the direction arrows to view the whole list. Your saved addresses are classified in increasing order of distance from the place indicated.

Town

- Click **“Town”**.
- Enter the name of the town you are looking for by clicking the letters of your choice from those displayed corresponding to the different selections known to the system.
- Click **“History”** to display the last 15 towns searched for, or click **“Back”** to return to the previous screen.
- Click **“X Results”** to display the list of towns meeting the criteria you entered or click the result on the result bar to access the town.
- Click the town of your choice.
- Click **“Change”** if you want to return to the **“Enter a Town”** screen or click **“Main Menu”** to take you back directly to the system home page.
- If no saved address is found, the system displays the message **“No saved addresses match your request. Please try a new search”**. Click **“OK”** to return to the previous screen.
- If a list of your saved addresses is displayed, click the direction arrows to view the whole list. Your saved addresses are classified in increasing order of distance from the place indicated.
- Click the saved address you want.

GPS position, Departure Point or Arrival Point

- Click **“GPS position”**, **“Departure Point”** or **“Arrival Point”**.
- Click **“Main Menu”** if you wish to return to the system home page or click **“Back”** to go back to the previous screen.
- If no saved address is found, the system displays the message **“No saved addresses match your request. Please try a new search”**. Click **“OK”** to return to the previous screen.
- If a list of your saved addresses is displayed, click the direction arrows to view the whole list. Your saved addresses are classified in increasing order of distance from the place indicated.
- Click the saved address you want.
- Click **“OK”** to start calculating the route.
- Click one of the right-hand buttons to change one of the criteria or click **“Add Stage”** if you want to add one or more stages to the journey to be calculated.

- The Navigation screen is displayed once the route has been calculated. Start driving. The voice guidance system will give you directions to your destination.

4.1.5. History ---

- Click “**History**”.
- The list of the last 15 destinations is displayed. Click the address you want or click “**Back**” to return to the previous screen.



- Click “**OK**” to start calculating the route.
- Click one of the right-hand buttons to change one of the criteria or click “**Add Stage**” if you want to add one or more stages to the journey to be calculated.
- The Navigation screen is displayed once the route has been calculated. Start driving. The voice guidance system will give you directions to your destination.

4.1.6. GPS Coordinates ---

- Click “**GPS Coordinates**”.



- Enter the latitude (N / S) in degrees, minutes and hundredths of minutes and then select N (North) or S (South) to specify the direction.
- Click “**OK**” to confirm or click “**Back**” to return to the previous screen.
- Enter the longitude (E / W) in degrees, minutes and hundredths of minutes and then select E (East) or W (West) to specify the direction.
- Click “**OK**” to confirm or click “**Back**” to return to the previous screen.

- If the system displays the message “**The place selected must be less than 25km from a road**” click “**OK**” to return to the screens for entering the latitude and longitude.
- Click “**OK**” to start calculating the route.
- Click one of the right-hand buttons to change one of the criteria or click “**Add Stage**” if you want to add one or more stages to the journey to be calculated.
- The Navigation screen is displayed once the route has been calculated. Start driving. The voice guidance system will give you directions to your destination.



4.2. Free Navigation

- Click “**Free Navigation**” and start driving.



- Click “**Main Menu**” to take you back directly to the system home page or click “**Navigation Actions**” to access the Navigation settings (*for more information, see paragraph 7.4*).
- You can then choose between:
 - **Back to Navigation** to return to the navigation screen
 - **Traffic Info** to access traffic information options
 - **Telephone** to access telephony options
 - **Warnings** to access warning settings
 - **Save GPS Position** to save the GPS position in your saved addresses
 - **Display** to access the display settings



4.3. Last route

This option takes you directly to the navigation screen to follow the last route calculated, including the stages you previously saved.

For more details, read paragraph "10 - Notes and Tips".

5. Plan your Journey

- In the Main Menu, click “Plan your journey”.



- You can then plan your journey by one of 3 methods:
 - **Plan a Route** to specify a departure and arrival point
 - **Display a Map** to select your departure and arrival points directly on the map
 - **Search for a POI** to plan a route to or from a POI



5.1. Plan a Route

- Click “Plan a Route”.
- You then have a choice between 6 types of search to specify your departure point:
 - towards an **Address**
 - towards a **POI** (Point Of Interest)
 - by **Selecting** a place directly **on the map**
 - in **My Saved Addresses**
 - in the **History** of the last 15 journeys made
 - by specifying **GPS Coordinates**

5.1.1. Address

- Click “Address”.
- You can then search either by:
 - “**Postcode**” *for more information, see paragraph 4.1.1.1.*
 - or “**Town**” *for more information, see paragraph 4.1.1.2.*

Establish the destination as when indicating the departure point.

When you have chosen the destination, the system works out the route and then displays a map centred on the route.

5.1.2. POI

- Click “**POI**”.
- Click the POI category you want.

- You can then search according to 4 criteria:
 - **Address** to search for a POI at the address you choose (*for more information, see paragraph 4.1.2.1*).
 - **GPS Position** to find a POI near the position established by the GPS (*for more information, see paragraph 4.1.2.2*).
 - **Departure Point** to select a POI near the arrival point (*for more information, see paragraph 4.1.2.2*).
 - **Arrival Point** to select a POI near the arrival point (*for more information, see paragraph 4.1.2.2*).

Establish the destination as when indicating the departure point.

When you have chosen the destination, the system works out the route and then displays a map centred on the route.

5.1.3. Select on Map

- Click “**Select on Map**”.



- Zoom in and move the map to position the location marker on the departure or arrival point you want:
 - to zoom in: click “-“ or “+“ in the bar at the top of the screen to gradually zoom in on the map, or click the bar to move it directly to the desired zoom level. The map system offered on ViaMichelin Navigation X-980T includes 14 zoom levels.
 - to move the map: place the stylus on the map and move it in the direction you want.
- Click “**Departure / Arrival OK**”.

When you have chosen the destination, the system works out the route and then displays a map centred on the route.



5.1.4. My Saved Addresses

- Click “**My Saved Addresses**”.
- You can search in the category of your choice:
 - Family
 - Friends
 - Work
 - Favourite addresses
 - Miscellaneous
 - My ViaMichelin
- Click the category where the saved address you want is located. The number of saved addresses is given in brackets beside each category.
- Click the type of search you wish to perform:
 - Name Search
 - Search Near

For more information see 4.1.4.

5.1.5. History

- Click “**History**”.
- The list of the last 15 destinations is displayed. Click the address you want or click “**Back**” to return to the previous screen.

Establish the destination as when indicating the departure point.

When you have chosen the destination, the system works out the route and then displays a map centred on the route.

5.1.6. GPS Coordinates

- Click “**GPS Coordinates**”.

For more information, see paragraph 4.1.6.



5.2. Display a Map

- Click “**Display a Map**”. The system displays the map, centred either on the location marker, the system’s GPS position, or on the last route worked out, etc. depending on the last operation performed.



- You can now access the following menus:
 - **Map Options** to access different search and display options.
 - **Route Options** to access the screens to prepare a route (only accessible if the system has already calculated a route).
 - **Main Menu** to go back directly to the system home page if no route has been calculated.

5.2.1. Map Options

- Click “**Map Options**”.



- You can now do the following:
 - Search
 - Add to My Saved Addresses
 - Telephone
 - Display
 - Centre

5.2.1.1. Search

- Click “**Search**”.
- You can select one of 6 search modes:
 - Address
 - POI
 - Select on Map
 - My Saved Addresses
 - History
 - GPS Coordinates

For more information, see paragraphs 5.1.1. et al.

5.2.1.2. Add to My Saved Addresses

- Click “**Add to My Saved Addresses**”.
- Click the category in which you want to save the position established by the location marker.
- Enter the name you want to give your saved address.
- Click “**OK**” to save the address or click “**Cancel**” to go back to the map.

5.2.1.3. Telephone

- Click “**Telephone**”



- You can select one of 4 telephony options:
 - Dial
 - Call Log
 - Quick Dial
 - Telephone Options

Comment:

- To use the telephony options, you must have established the Bluetooth connection between your ViaMichelin Navigation X-980T and your phone (for more information, see paragraph 6.4.).

Dial

- Click “**Dial**”.
- Enter the digits of the telephone number you want to dial.
- Click “**Call**” to call the party or click “**Back**” to return to the previous screen.
- If you have not established the Bluetooth connection between your ViaMichelin Navigation X-980T and the telephone, the system displays the message “**Connection failed**”. Click “**OK**” to return to the previous screen.
- Otherwise the message displayed is “**Call in progress ... xxxxxxxx**”.
- Click “**Hang Up**” or click the red telephone icon to end the call or click “**Back**” to return to the previous screen.

Call Log

- Click “**Call Log**”
- Click the telephone beside the number selected to automatically redial your party.

Quick Dial

- Click “**Quick Dial**”
- Click “**Add**” to add one of the five numbers from the Quick Dial list.
- Click “**OK**” to save the name you entered or click “**Back**” to return to the previous screen.
- Click “**OK**” to save the name you entered or click “**Back**” to return to the previous screen.
- Click your party’s name to access the following options:
 - **Call** to call the party’s number
 - **Change** to change the name or the number saved
 - **Delete** to delete the name telephone number form the list of 5 quick dial numbers.
- Simply click the option to carry out the task.

Telephone Options

- Click “**Telephone Option**”.
- You can select 3 options:
 - **Activate/Deactivate Bluetooth** to establish or cut off the Bluetooth connection (for more information, see paragraph 6.4.1.).
 - **Connect Telephone** to associate one or more phones with your ViaMichelin Navigation X-980T (for more information, see paragraph 6.4.2.).
 - **Telephone Sound** to adjust the telephone volume and ring tone on the speaker located in the base of the device (for more information, see paragraph 6.4.3.).

5.2.1.4. Display

- Click “**Display**”.



- You can select 3 options:
 - **Display Traffic Direction** use this to display the street name or traffic direction on the screen.
 - **Display Saved Addresses** use this to select the categories of saved addresses that will be displayed on the map.
 - **Display POIs** use this option to select the POIs that will be displayed on the map (given the right zoom level).

Display traffic direction/street names

- Click “**Display Traffic Direction**”
- The system displays the maps with symbols showing the direction of traffic on the streets:
 - > or < : indicates the traffic direction in a one-way street
 - o : indicates a street where a section is not accessible to cars (pedestrian streets, private roads, etc.)
- The name of the street where the location marker is positioned is always displayed at the bottom of the screen.
- Click “**Display Street Names**”: the system displays the maps again with the street names.

Display Saved Addresses

- Click “**Display Saved Addresses**”.
- Tick the boxes beside the saved address categories you want to see on the map.
- Click “**Select/Deselect All**” to see all or none of the categories of saved addresses.

Display POIs

- Click “**Display POIs**”.
- Tick the boxes beside the POI categories you want to see on the map. Some subcategories of POI can be displayed separately.

- If the category includes several subcategories. Click “**More Criteria**” to access these subcategories.

E.g.: If the “Green Guide” category is selected, all 7 POI subcategories will be displayed. But it is possible to select only certain subcategories – e.g. Museums, Chateaux, etc.– to limit the number of POIs displayed on the map.

- Click “**Select/Deselect All**” to see all or none of the categories of POI.

For more details, read paragraph “10 - Notes and Tips”.

5.2.1.5. Centre

You can only access this option if a route has been calculated.

- Click “**Centre**”.



- You can ask to centre the map:
 - **On your departure point** to position the location marker on your departure point.
 - **On your arrival point** to position the location marker on your arrival point.
 - **On the route:** to display the map with a zoom level calculated automatically by the system to allow you to view the whole of the route highlighted in green.

5.2.2. Route Options

- Click “**Route Options**”.



- You can now do one of 5 operations:
 - **Add a Stage** to select one or more intermediate stages in the route.
 - **Delete Route** to delete the last route calculated.
 - **Display Driving Directions** to display the interactive driving directions.
 - **Route Summary** to return to the summary table of settings before calculating the route.
 - **Navigation** to activate navigation.

5.2.2.1. Add a Stage

- Click “**Add a Stage**”.
- You can add a stage by specifying it using one of 6 search modes:
 - Address
 - POI
 - Select on Map
 - My Saved Addresses
 - History
 - GPS Coordinates

For more information, see paragraphs 5.1.1. et al.

On the map, you will see a small purple flag to symbolise the stage.

5.2.2.2. Delete Route

- Click “**Delete Route**” to delete the last route calculated. The system will display the map with the location marker placed on the last position you selected.

5.2.2.3. Display/Hide Driving Directions

Use this function to split the part of the screen used to display the map so that there is an area above the map showing:

- The distance covered
- The total journey time
- The change of direction instructions
- Click “**Display/Hide Driving Instructions**” to display or hide the driving instructions above the map.
- Click the direction arrows of the driving instructions for changes of direction and to automatically display the map on the place cited.

5.2.2.4. Route Summary

- Click “**Route Summary**”.



- Click one of the icons displayed on the right of the screen to change the settings of the last route calculated:
 - use the top button to return to the departure point selection
 - use the middle button to return to the arrival point selection
 - **Change:** to change your destination (*for more information, see paragraph 4.1*).
 - **Save:** use to save the arrival point selected in your saved addresses (*for more information, see paragraph 6.6*).
 - use the bottom button to return to the route settings (*for more information, see paragraph 6.2.1*).
- Click “**Add Stage**” if you want to add a stage to the route calculated or click “**OK**” to display the navigation screen.

5.2.2.5. Navigation

- Click “**Navigation**”.
- You now have a choice of 2 menus:
 - **Navigation** to start guided navigation.
 - **Navigation Demo** to simulate navigation on the route calculated.

Navigation

- Click “**Navigation**”.
- Click one of the icons displayed on the right of the screen to change the settings of the last route calculated.
- Click “**Add Stage**” if you want to add a stage to the route calculated or click “**OK**” to display the navigation screen.

Navigation Demo

This function simulates navigation on the planned route by simulating reception from 7 satellites and a speed based on the table of average speeds for the type of road.

- Click “**Navigation Demo**”.
- Click one of the icons displayed on the right of the screen to change the settings of the last route calculated.
- Click “**Add Stage**” if you want to add a stage to the route calculated or click “**OK**” to display the navigation screen.



5.3. Search for a POI

- Click “**Search for a POI**”.
- Click the POI category you want. You can use the direction arrows to view the whole list and the full name of the POI categories available on your system.
- You then have 4 search options:
 - **Address** to find a saved address
 - **GPS Position** to find your saved address near the position established by the GPS.
 - **Departure Point** to select a saved address near your departure point.
 - **Arrival Point** to select a saved address near your arrival point.

For more information, see paragraph 4.1.2 et al.

- Click the POI you want. They are classified in order of decreasing proximity to the point selected.

For more information, see paragraph 9.5.

5.3.1. GPS Position, Departure Point or Arrival Point

- Click “**GPS Position**”, “**Departure Point**” or “**Arrival Point**”
The screen displays a list of POIs, classified in order of decreasing proximity to the GPS position.
- Click the POI you want.

- Click “**Refine Search**” to run a search:
 - **Name Search** *for more information, see paragraph 4.1.2.1.1.*
 - **Criteria Search** *for more information, see paragraph 4.1.2.1.2.*
 - **Keyword Search** *for more information, see 4.1.2.1.3.*

For more information, see paragraph 9.5.

For more details, read paragraph “10 - Notes and Tips”.

6. Options

- In the “Main Menu”, click “Options”.



- This takes you into the settings or information menus:
 - **General** to find out or change system settings.
 - **Navigation** to change navigation settings.
 - **Map** to change or delete a map.
 - **Telephone** to access telephony options.
 - **Warners** to change warning settings for POIs, saved addresses or vehicle speed.
 - **My Saved Addresses** for easy management of your saved addresses.



6.1. General

- Click “General”.



- This takes you into the settings or information menus:
 - **Language** to adjust the language settings for the menus, voice guidance and the map.
 - **Units** to select Km or Miles.
 - **About** to find out about the system and map version.
 - **Hardware** to change the system settings.
 - **Night Mode** to adapt the screen to the exterior conditions.

6.1.1. Language

- Click “**L**anguage”.



- You use this option to set:
 - The **Interface Language**: this is the language in which the menus are displayed. The available languages are: French, German, Italian, Polish, Portuguese, Spanish, Czech, Dutch and English.
 - The **Voice Guidance Language**: this is the language used in voice messages during Navigation. Here you have the choice between 21 different languages: French (voice synthesis), French, English (voice synthesis), English, German (voice synthesis), German, Spanish (voice synthesis), Spanish, Italian (voice synthesis) Italian, Dutch (voice synthesis), Dutch, Portuguese, Flemish, Norwegian, Swedish, Danish, Finnish, Polish, Czech and US English.
 - The **Map Language**: this is the language the maps are displayed in (town names, street names, etc.). Local is the local language (French in France, Danish in Denmark, etc.). In countries with several official languages (Switzerland, Belgium, etc.), this function lets you switch from one language to another. You will then need to search for towns, streets, etc. in the selected language.
- Click the left and right arrows to select your language.
- Or
- Click the language in your chosen menu to display a list of available languages.
- Click the up or down arrow to scroll through the whole list.
- Click the language you want.

With voice synthesis languages, you can obtain voice messages telling you the street names, announcing POI warnings, direction changes and traffic information messages.

6.1.2. Units

- Click “**U**nits”.

- Click the left and right arrows to select the distance unit you want to use to calculate routes and to display distances on the Navigation screen. You can select: **km** (kilometres) or **miles**.

6.1.3. About

This screen tells you which version of the software is installed in your ViaMichelin Navigation X-980T and the different copyrights for the maps in use.

- Click “**About**”.
- Click the direction arrows to scroll through this information.

6.1.4. Hardware

- Click “**Hardware**”.



- You can now access the following screens:
 - **Battery Power Status** to check the battery charge.
 - **Time** to change the system time.
 - **Button Lighting On/Off** to set permanent or temporary lighting.
 - **Brightness** to change the screen brightness.
 - **Peripherals** to set the audio/ antenna socket.

6.1.4.1. Battery Power Status

This screen gives the percentage of “**Battery remaining**” or, if the PND is connected, the screen displays the message: “Charging... 100%”.

- Click “**Battery Power Status**” to display the battery charge.

When ViaMichelin Navigation is removed from its mounting system, disconnected from the PC or from the electrical supply, a small icon on the top bar gives the level of battery charge.

6.1.4.2. Time

- Click “**Time**”.
 - By clicking the left and right arrows, you can change the time (hours and minutes) on your ViaMichelin Navigation X-980T.
- Or
- Click the hour or the minutes to access the list and select the time you want.

6.1.4.3. Button Lighting On/Off

- Click “**Button Lighting On**” for permanent lighting for the buttons located on the sides of ViaMichelin Navigation X-980T.
- Click “**Button Lighting Off**” for temporary lighting for the buttons located on the sides of ViaMichelin Navigation X-980T. The buttons light up for 3 seconds after one is pressed.

6.1.4.4. Brightness

- Click “**Brightness**”.
- Click the bar to move the cursor to the desired level or click the cursor and move it to the brightness level you want for the screen.

6.1.4.5. Peripherals

- Click “**Peripherals**”.
- Click:
 - **Headphone On** to obtain navigation voice instructions through the headphone connected to the jack located under the ViaMichelin Navigation X-980T. This function cuts out the speaker built in to the PND mounting system.
 - **TMC antenna On** to receive the TMC/RDS traffic information signal when you connect the wire antenna and get the sound through the speaker built in to the PND mounting system.

6.1.5. Night Mode

- Click “**Night Mode**”.



- Click the direction arrows or the information to select “**Night Mode**” from the list displayed: The screen becomes less bright and the map colours change to make the display more comfortable for night driving.
- Click the direction arrows or the information to select “**Day Mode**” from the list displayed: The screen brightens and the map colours change to give the ViaMichelin Navigation X-980T display maximum visibility in full daylight.
- Click the direction arrows or the information to select “**Automatic**” from the list displayed.
- You can set the start and end time for switching from day mode to night mode in the automatic night mode adjustment screen. To do this click the direction arrows or click your selection from the list displayed.
- Click “**Back**” to return to the previous screen or click one of the buttons on the device to directly access the function you want.



6.2. Navigation

- Click “**Navigation**”.



- Use this screen to access menus to change some of the navigation settings:
 - **Route Settings** to select the settings for calculating routes.
 - **GPS** to display the GPS satellite signal reception and give the position coordinates evaluated by the GPS.
 - **Voice Synthesis** to hear all the messages.
 - **Traffic Info** to access traffic information options.
 - **Sound** to set the volume for the messages and signals transmitted by the ViaMichelin Navigation X-980T.

6.2.1. Route Settings

- Click **“Route”**.
- There are 4 criteria for route settings:
 - Mode Car / Pedestrian / Bicycle
 - Type of route Recommended / Quickest / Shortest
 - Tolls Authorise / Avoid
 - Traffic options On/Off
- Click the left or right arrows to display the setting you want. The settings are on once you select them.
- Click **“Back”** to return to the previous screen or click **“Main Menu”** to take you back directly to the system home page.

6.2.2. GPS

- Click **“GPS”**.

When using the ViaMichelin Navigation X-980T for the first time, we recommend you do so in an open space in order to ensure the best possible satellite reception. Activating the GPS system for the first time can take several minutes, depending on the surroundings and the quality of the GPS signals.

- On this screen:
 - The green **“V”** means that GPS is activated.
 - **“NO Fix / FIX: 2D/FIX: 3D”** indicates better signal reception, and therefore more accurate positioning.
 - **“SAT:”** indicates the number of satellites used to calculate your position.
- The vertical bars show the satellites detected:
 - grey the device is receiving satellite signals but cannot use them to establish your position.
 - green the device is using the satellite signals to calculate your position.
- The numbers under the vertical bars give the satellite number.
 - Coordinates: longitude and latitude calculated by the system.

- Direction arrow: shows the direction of travel between 2 position calculations by the GPS.
- Click “**Back**” to return to the previous screen or click one of the buttons on your ViaMichelin Navigation X-980T to directly access the function you want.

6.2.3. Voice Synthesis

- Click “**Voice Synthesis**”.
- This takes you to the following settings:
 - **Traffic Info** to get traffic information received by RDS/TMC.
 - **Speed Camera Warner** to determine the action to take when passing close to a fixed speed camera.
 - **Speed Warner** to determine the action to take if the speed limit calculated by the GPS is exceeded.
- For each of these options, you can choose between:
 - **Voice Synthesis** to get a voice message.
 - **Alarm Signal** to get an audible alarm signal.
 - **Off** to turn off voice synthesis and the alarm signal.

6.2.4. Traffic Info

- Click “**Traffic Info**”.
- You can then choose between the following options:
 - **Settings** to manage the traffic information settings.
 - **Traffic Info status** to check traffic information reception.
 - **Traffic Info On/Off** to use traffic information or not.
 - **Display Traffic Messages List** to have traffic information displayed on the Navigation screen map.

6.2.4.1. Settings

- Click “**Settings**”.
- This takes you to the following settings:
 - **Divert route** to automatically recalculate a route in the event of a significant problem indicated by the traffic info. You can then choose between:
 - **Automatic** the system automatically recalculates the route taking the traffic information messages into account.

- **Off** the system does not recalculate the route, regardless of the traffic information messages.
- **Manual** users can chose whether or not to recalculate the route if there is an important traffic info message received, taking the information into account.
- **Display Messages** to display traffic information messages on the navigation screen. You can either turn the display of traffic information messages on the navigation screen “**On**” or “**Off**”.
- **Alarm Signals** to manage the traffic information warning messages. You can select either:
 - **Voice Synthesis** to get a voice message.
 - **Alarm Signal** to get an audible alarm signal.
 - **Off** to turn off voice synthesis and the alarm signal.
- **Display Icons** to adjust the settings for displaying traffic information icons. You can turn the display of traffic information icons on the navigation screen “**On**” or “**Off**”.

The underlined options are the default settings.

- Click the left or right arrows to display the setting you want. The settings are on once you select them.
- Click “**Back**” to return to the previous screen or click “**Main Menu**” to take you back directly to the system home page.

6.2.4.2. Traffic Info Status

- Click “**Traffic Info Status**”.

The system automatically starts to search for a radio station broadcasting RDS / TMC traffic information. After a few seconds the screen displays:

- Service on depending on the reception quality, one or more bars will be green.
- Station gives the frequency and name of the station used.

In France, ViaMichelin traffic info is broadcast by radio stations in the NRJ group, which cover more than 85% of the French population.

- Click “**Next Station**” if you want the system to continue scanning the FM band to use another station with a better reception or click “**Back**” to return to the previous screen.

Comment:

- *The first time you use TMC on ViaMichelin Navigation X-980T, you will need to let the system initialise. The system will scan the FM waveband until it finds a station broadcasting traffic information. This search process may take a few minutes the first time round. After that, it is stored for subsequent use.*
- *If it loses Traffic Info, the system automatically runs a new signal search after a few seconds.*
- *Depending on the country, access to the traffic information service may be via private pay services or public services. When installed, ViaMichelin Navigation X-980T contains all the codes you need to receive traffic info in the countries covered by the map set installed in your device.*

6.2.4.3. Traffic Info On/Off

- Click “**Traffic Info Off**” if you no longer want to use the traffic information messages when calculating routes and displaying maps.
- Click “**Traffic Info On**” if you wish to (re-)activate the traffic information messages when calculating routes and displaying maps.












6.2.4.4. Display Traffic Messages List

- Click “**Display Traffic Messages List**”.
- Click the direction arrows to view all the traffic info messages received by RDS / TMC.
- Click on a traffic info announcement to see the detail of the message.

There are several indicators on the navigation screen (standard or free navigation) to inform you about traffic conditions:

- 22 icons and symbols warn you about some 1,400 types of problems announced by the traffic info system:

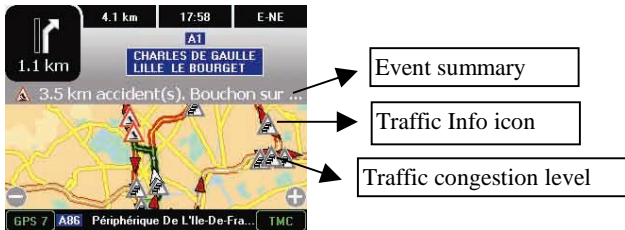
-  : Traffic accident
-  : Traffic in both directions
-  : Traffic jam
-  : Brouillard
-  : Incident(s)
-  : Roadworks
-  : Road closed
-  : Interchange closed

-  : Slippery surface
-  : Road narrows
-  : Vehicle broken down
-  : People on the road
-  : Rain
-  : High side wind
-  : Snowfall
-  : Car park
-  : Clearance-related restrictions
-  : Temperature
-  : Contraflow system

- Red icons are those that affect your route directly. Greyed out icons correspond to nearby events that are not on your route.
- Triangles outlined in red provide information on traffic congestion levels and the scope of the event:

- Orange  slow-moving traffic
- Red  stop-start traffic
- Black  road closed

- You can click on the event summary bar to access the traffic info set-up options directly: automatic/manual, included in route calculation.



6.2.5. Sound

- Click **“Sound”**.
- Click the left or right arrows to select the setting you want: **“Sound”** and **“Sound Setting”**.
- You can use the **“Sound”** settings to switch sound messages on or off and to select a different volume for each **“Sound setting”**:
 - **General** to select maximum volume on alert messages.
 - **Voice instructions** for voice guidance during Navigation.
 - **POI Warner** to tell you when you are near a POI.
 - **Speed Warner** warns the driver when s/he exceeds the speed limit set for the particular type of road.
 - **Traffic Info Alerts** for traffic info voice instructions.
 - **Telephone** for the telephone volume.
 - **Telephone Ring Tone** to adjust the telephone ring tone volume.
- Click the volume bar to move the cursor to the desired level or click the cursor and move it to the volume level you want. Use the **“Test”** button to check the sound level.



6.3. Map

- Click **“Map”**.



- This takes you into the settings or information menus:
 - Change Map
 - Display POIs
 - Delete POIs
 - Display Saved Addresses

6.3.1. Change Map

- Click **“Change Map”**.
- You can then:

- **Change Maps** to display another map.
- **Delete Map** to delete one of the maps saved on the SD card.

6.3.1.1. Change Maps

- Click “**Change Maps**”.
- The SD card supplied with your ViaMichelin Navigation X-980T comes with 2 map files. The system displays the list of maps:
 - **Canaries.fdp** [Storage Card] this is the map of the Canary Islands.
 - **EUROPE.FDP** [Storage Card] this is the map of Europe.
- Click the map file you want. The message “Are you sure you want to change the map?” appears.
- Click “Yes” to confirm your choice or “No” to return to the list.

6.3.1.2. Delete Map

- Click “**Delete Map**”.
- The SD card supplied with your ViaMichelin Navigation X-980T comes with 2 map files. The system displays the list of maps:
 - Canaries.fdp [Storage Card]
 - EUROPE.FDP [Storage Card]
- Click the map file you want. The message “Are you sure you want to delete the map?” appears.
- Click “Yes” to confirm your choice, the map will be deleted from the SD card, or click “No” to return to the list.

You may subsequently restore the maps deleted from a PC using the “**Content Manager**” programme.

6.3.2. Display POIs

Use this option to select the POIs that will be displayed on the map (given the right zoom level).

- Click “**Display POIs**”.

Some POI categories can be detailed and displayed separately in several subcategories. Click “**More Criteria**” to access a list of these subcategories.

E.g.: If the “Green Guide” category is selected, all 7 POI subcategories will be displayed. But, it is possible to select only certain subcategories – e.g. Museums, Chateaux, etc.– to limit the number of POIs subsequently displayed on the map.

- Tick the POI category boxes that you want to see displayed on the map (given the right zoom level).
- Click “**Select All**” to switch on the display of all POI icons for all POI categories (which can slow down the display of the navigation map), or click “**Deselect All**” so that none are displayed.

6.3.3. Delete POIs

Use this option to delete some POI categories from the SD card. The system also deletes the POIs in the deleted categories and will no longer display them.

- Click “Delete POIs”.
- Click the POI category you want to delete.
- The system displays the message, “Are you sure you want to delete this POI?” Click “No” if you do not want to delete the selected POI category and to return to the “**Map Option**” screen; click “Yes” to confirm you want to delete the selected POI category.

You may subsequently restore the POIs deleted from a PC using the “**Content Manager**” programme.

6.3.4. Display Saved Addresses

This option allows you to select the categories of saved addresses that will be displayed on the map.

- Click “**Display Saved Addresses**”.
- Click “**Select All**” to tick the option to display all the icons for all categories of saved addresses, or click “**Deselect All**” if you want none to be displayed.



6.4. Telephone

- Click “**Telephone**”
- You can now access the following 3 options:
 - Activate / Deactivate Bluetooth
 - Connect Telephone
 - Telephone Sound

6.4.1. Activate Bluetooth®

- Click “**Activate Bluetooth**” to enable the Bluetooth connection between ViaMichelin Navigation X-980T and your phone.

Comment:

- *If the Bluetooth option on ViaMichelin Navigation X-980T is not activated, the “**Connect Telephone**” and “**Telephone Sound**” icons will be shaded and not enabled.*
- Click “**Deactivate Bluetooth**” to disable the Bluetooth connection between ViaMichelin Navigation X-980T and your phone.

Comment:

- *If you click “Deactivate Bluetooth” when there is an active Bluetooth connection with a telephone, the message, “Deactivation of Bluetooth will lead to disconnection of the telephone currently connected. Do you want to continue with this operation?” will be displayed. Click “Yes” if you want to actually deactivate Bluetooth, otherwise click “No”.*

6.4.2. Connect Telephone

- After you activate the Bluetooth connection, click “**Connect Telephone**”.
- Activate Bluetooth on your mobile phone.
- Click “**Add**” to start detection of Bluetooth devices by ViaMichelin Navigation X-980T.
- Click the name of your phone.
- When the system displays the message, “If your phone requires a code, please enter 1 2 3 4”, click “**OK**”.
- If your phone requires a PIN code to work with “ViaMichelin”, enter “1234” and confirm.
- When you see the message displayed on your ViaMichelin Navigation X-980T, “Pairing successful. Do you want to connect this phone to make it your default phone?” click “Yes” if you want the selected phone to be the default, click “No” if not.
- Confirm the audio connection with “ViaMichelin” on your phone.

- When the message “**Connection successful**” appears on your ViaMichelin Navigation X-980T, click “**OK**”.
- Click “**Back**” to return to the previous screen or click one of the buttons on ViaMichelin Navigation to directly access the function you want.

To delete a phone from the list of paired phones, display the page and click the telephone you want to delete from the list.

- You can then:
 - **Disconnect** to cut off the Bluetooth connection
 - **Delete** to delete the telephone from the list of devices recognised by ViaMichelin Navigation X-980T.

Comment:

- *When a telephone has been connected to ViaMichelin Navigation X-980T, a small telephone will be shown in the top bar. If not, the icon is crossed out.*

6.4.3. Telephone Sound

- Click “**Telephone Sound**”.
- You can change the volume for:
 - the Telephone Sound
 - the Telephone Ring Tone
- Click the volume bar to move the cursor to the desired level or click the cursor and move it to the volume level you want.



6.5. Warners

- Click “**Warners**”.
- You can change the following options:
 - **Speed Warner** use this option to set the speed beyond which the warning signal will sound, depending on the 4 road categories programmed in the system.
 - **POI Warner** emits an audible warning when passing near a POI.
 - **Saved Address Warner** emits an audible warning when passing near a saved address.
 - **Turn Off Speed Camera Warner** use to turn off the warning when passing near a fixed speed camera POI.
 - **Warning Sound** use to set the sounds for the various warners.

6.5.1. Speed Warner

- Click “**Speed Warner**”.
- Click the left or right direction arrows to select the setting you want, depending on the type of road selected, or click the speed to select the desired speed from the list.
- Click “**ON**” / “**Off**” at the bottom right of the screen to switch this function on and off.

The default speeds in the “**Speed Warner**” table are:

▪ Motorways	130 kph	80 mph
▪ Expressways	110 kph	70 mph
▪ Roads	90 kph	55 mph
▪ Towns	50 kph	30 mph

The range of speed limit settings is between 30kph and 180kph or between 25mph and 110mph.

6.5.2. POI Warner

- Click “**POI Warner**”.
- Tick the boxes by the POI categories for which you want to trigger an audible signal when they are nearby:
- Click “**More Criteria**” if you want to break your selection down into subcategories of POIs.
- Click “**Select All**” to tick the option to display all the icons for all categories of POI, or click “**Deselect All**” if you want none to be displayed.

6.5.3. Saved Address Warner

- Click “**Saved Address Warner**”.
- Tick the boxes by the categories of saved addresses for which you want to trigger an audible signal when they are nearby:
- Click “**Select All**” to tick the option to display all the icons for all categories of saved addresses, or click “**Deselect All**” if you want none to be displayed.

6.5.4. Turn off / Turn on Speed Camera Warner

- Click “**Turn Off Speed Camera Warner**” to turn off the audible signal when passing near a fixed speed camera located by ViaMichelin.

- Click “**Turn On Speed Camera Warner**” to have two audible signals when passing near a fixed speed camera located by ViaMichelin. the first sounds 30 seconds before you reach the location and the second at 10 seconds away.

6.5.5. Warning Sound

- Click “**Warning Sounds**”.
- You can then set the types of warning sounds by category:
 - **Speed Warner** warns the driver when s/he exceeds the speed limit set by type of route.
 - **POI Warner** to tell you when you are near a POI.
 - **Speed Camera Warner** to tell you when you are near a fixed speed camera POI.
 - **Saved Address Warner** to tell you when you are near a saved address.
- Your possible choices are:
 - Speed Warner Voice Synthesis / Off / Alarm Signal
 - POI Warner Alarm Signal / Off
 - Speed Camera Warner Alarm Signal / Off / Voice Synthesis
 - Saved Address Warner Alarm Signal / Off
 - Voice Synthesis to get a voice message.
 - Alarm Signal to get an audible alarm signal.
 - Off to turn off voice synthesis and the alarm signal.

The options underlined are the default settings.



6.6. My Saved Addresses

- Click “**My Saved Addresses**”.



- You then access four easy-to-use submenus where you can manage your saved addresses:
 - **Create** to create a saved address.
 - **Change** to change a saved address.
 - **Delete** to delete a saved address.
 - **Rename** to rename a saved address.

6.6.1. Create

- Click “**Create**”.
- Click the category in which you want to create a saved address.

- You can then search according to 6 criteria:
 - Address
 - POI
 - Select on Map
 - My Saved Addresses
 - History
 - GPS Coordinates

For more information, see paragraphs 5.1.1 et al.

6.6.2. Delete

- Click “**Delete**”.
- You can then choose to:
 - Delete Saved Address
 - Delete imported POIs

6.6.2.1. Delete Saved Address

- Click “**Delete Saved Address**”.
- On the list displayed, click the category you want.
- Enter the name of the saved address to delete or Click “**Display All**” to get a full list of saved addresses.
- If several saved address names match the search criterion, a list is displayed. Click the name of the saved address to delete.
- The system displays the message: “**Are you sure you want to delete this address?**”
- Click “**No**” if you do not want to delete the saved address: this takes you back to the “**Delete Saved Address**” screen.
- Click “**Yes**” if you want to delete the selected saved address: the system deletes the selected saved addresses and returns you to the “**Delete Saved Address**” screen.

- You can now click “**Back**” to return to the previous screen or click one of the right-hand keys on ViaMichelin Navigation X-980T to go directly to a menu.

6.6.2.2. Delete Imported POIs

- Click “**Delete POI Category**”.
- If you have created custom POI categories, they are listed on the screen.
- Click the custom POI category you want.
- All the POIs in the selected category will be deleted automatically.

6.6.3. Rename

- Click “**Rename**”.
- On the list displayed on the screen, click the saved address category you want to rename.
- Enter the name of the saved address you want or click “**Display All**” for a list of the saved addresses found by the system.
- Click the direction arrows to scroll through the whole list.
- Click the saved address you want.
- Enter the new name you want to give your saved address.
- Click “**OK**”. You then return to the saved addresses menu screen.

For more details, read paragraph “10 - Notes and Tips”.

7. Navigation Screens

- There are three aspects to the navigation screen:
 - a map screen this is a standard 2D or 3D navigation screen.
 - a diagrammatic screen this gives a diagram of the route.
 - a split screen the screen is split to display the standard screen on the right and the diagrammatic screen on the left.

To change the screen, click in the navigation area of the screen you want to expand it over the full screen or return to the split screen.



7.1. Split Screen



The split screen displays the graphic navigation screen on the right and on the left the indicator showing the distance to the next change of direction as well as the diagrammatic screen navigation map.



7.2. Map Screen



- Above the map:
 - The 3 top fields show, depending on the setting:
 - “Distance Remaining”
 - “Time Remaining”
 - “Arrival Time”
 - “Time”
 - “Speed”
 - “Direction”

To choose which information to show, click one of the positions, and then click the position you want to change. Then select the indicator you want.

- The name of the road you need to take at the next direction change.
- Under the map:
 - On the left: the number of the satellite the GPS is using to determine your position.
 - In the middle: the name of the street you are on.
 - On the right: the indicator showing whether Traffic Info is on or off.
- You can click the GPS or TMC indicator directly to access the “GPS” or “Traffic Info Messages” page. Click “Back” to go back to the navigation screen.



7.3. Diagrammatic Screen

- On the left, from top to bottom:
 - the indicator showing the distance remaining to the next change of direction.
 - the next turn.
 - 3 fields showing, depending on the setting:
 - “Distance Remaining”
 - “Time Remaining”
 - “Arrival Time”
 - “Time”
 - “Speed”
 - “Direction”

To choose which information to show, click one of the positions, and then click the position you want to change. Then select the indicator you want.

7.3.1. Distance Remaining

This is the distance remaining to the arrival point, given in kilometres or miles depending on the distance unit selected.

7.3.2. Time Remaining

This is the time remaining until arrival. This time is computed on the basis of the distance remaining and the average speeds set in the ViaMichelin Navigation X-980T, excluding any stops or breaks (strongly recommended for safety reasons).

7.3.3. Arrival Time

This is the time of arrival calculated on the basis of the journey distance and time assessed by the system, excluding any stops or breaks (strongly recommended for safety reasons).

7.3.4. Time

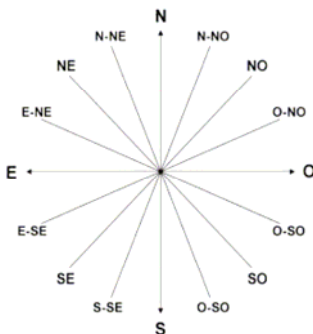
This is the local time based on the time entered when the program was installed in the ViaMichelin Navigation X-980T.

7.3.5. Speed

This is the speed computed by the GPS between 2 position calculations, expressed in kph or mph depending on the distance units selected.

7.3.6. Direction

This is the current direction of travel based on the 16-point compass dial:



- On the right-hand side:
 - the navigation diagram
- On the bar at the bottom of the screen:
 - On the left the number of the satellite the GPS is using to determine your position.
 - In the middle the name of the street you are on.
 - On the right the indicator showing whether Traffic Info is on or off.
- Click the navigation screen to access 6 options:
 - **Free Navigation** to go to free navigation.
 - **Go to the Next Stage** to continue the route from the next stage.
 - **Telephone** to access telephony options.
 - **Turn Off the Sound** to switch off messages and navigation warnings.
 - **Options** to access navigation options.
 - **Display** to change the screen display settings.



7.4. Free Navigation

- Click “**Free Navigation**”.



The map is displayed and the location marker becomes an arrow to show the vehicle's position and direction of travel.

- Click “**Navigation Actions**” if you want to access navigation options and settings or click “**Main Menu**” to take you back directly to the system home page.
- You can select the following options:
 - **Back to Navigation** to return to the navigation screen
 - **Traffic Info** To access Traffic Info settings (*for more information, see paragraph 6.2.4*).
 - **Telephone** to access telephony settings (*for more information, see paragraph 6.4*).
 - **Warners** to access warning settings screens (*for more information, see paragraph 6.5*).

- **Save GPS Position** to save the position established by the GPS in your saved addresses (*for more information, see paragraph 6.6*).
- **Display** to change the screen display settings:



- **Night Mode** for more information, see paragraph 6.1.5.
- **Display traffic direction/Display street names** for more information, see paragraph 5.2.1.4.
- **Go towards the North/ Go in the direction of traffic** to determine the direction of the map when navigating.
- **Display POIs** for more information, go to paragraph 6.3.2.
- **Display Saved Addresses** for more information, see paragraph 6.3.4.



7.5. Go to the Next Stage

- Click **"Go to the Next Stage"**.



Navigation is from the next stage of the journey calculated.

For more details, read paragraph "10 - Notes and Tips".



7.6. Telephone

- Click **"Telephone"**

- You can now access the following options:
 - **Dial** *for more information, see paragraph 5.2.1.3.1.*
 - **Call Log** *for more information, see paragraph 5.2.1.3.2.*
 - **Quick Dial** *for more information, see paragraph 5.2.1.3.3.*
 - **Telephone Options** *for more information, see paragraph 5.2.1.3.4.*



7.7. Turn Off The Sound

- Click “**Turn Off the Sound**” to switch off messages and audible alarms.
- Click “**Turn On the Sound**” to switch messages and audible alarms back on.



7.8. Options

- Click “**Options**”



- You can access the following options:
 - **Warners** to access warning settings screens (*for more information, see paragraph 6.5*).
 - **Traffic Info** to access Traffic Info settings screens (*for more information, see paragraph 6.2.4*).
 - **Turn Off / Turn On Motorway Mode** to opt for routes taking motorways or avoiding motorways.
 - **Bypass Route** to recalculate a route from a position established by the GPS to avoid the route for a distance of X km; to avoid a road accident, traffic jam, etc. when the traffic information service is not on.

For more details, read paragraph “10 - Notes and Tips”.



7.9. Display

- Click “**Display**”.



- You can select the display settings for navigation:
 - **Screen** to select the type of navigation screen.
 - **Day Mode/Night Mode** to adapt the screen brightness level to the situation.
 - **2D View/3D View** to select the type of display for the navigation screen.
 - **Display POIs** to display POIs (Points Of Interest).
 - **Display Saved Addresses** to adjust the settings for displaying saved addresses.
 - **Auto Zoom Off/On** to fix or automatically adjust the zoom level on the navigation screen when changing direction.

7.9.1. Screen

- Click “**Screen**”.
- You can choose between:
 - **Diagrammatic Screen** *for more information, see paragraph 7.3.*
 - **Map Screen** *for more information, see paragraph 7.2.*

The screen you select will fill the full screen area.

If you select the diagrammatic screen, you must click the map to go back to the split navigation screen first of all, then click a second time to take you to the settings screens.

7.9.2. Day Mode/Night Mode

- Click “**Night Mode**” to change the screen brightness for night driving (*for more information, see paragraph 6.1.5.*)
- Click “**Day Mode**” to change the screen brightness for daytime driving (*for more information, see paragraph 6.1.5.*)

7.9.3. 2D View/3D View

- Click “**2D View**”.



The maps displayed during navigation are shown in 2D-like paper map. The direction of navigation can be either towards the top of the screen or to the north (*for more information, see paragraph 7.4.6*).

- Click “**3D View**”.



The maps displayed during navigation are shown in 3D, i.e. with spatial representation. The direction of navigation can be either towards the top of the screen or to the north (*for more information, see paragraph 7.4.6*). 3D navigation can only be enabled when using free navigation.

7.9.4. Display POIs

For more information, see paragraph 6.3.2.

7.9.5. Display Saved Addresses

For more information, see paragraph 6.3.4.

7.9.6. Auto Zoom On/Off:

- Click “**Auto Zoom Off**” if you want the map shown during Navigation to stay at the same zoom level whatever map is displayed.

- Click “**Auto Zoom On**” if you want the map displayed during Navigation to zoom automatically to show the next change of direction in greater detail.

After you click the selected option, the system automatically returns to the navigation screen.

For more details, read paragraph “10 - Notes and Tips”.

8. Symbols and colours used for the maps

KEY

ROADS / TRANSPORT

DAY MODE	NIGHT MODE	
		Motorway
		Motorway-type dual carriageway
		Main road
		Major road
		Important road
		Minor road
		Avenue
		Street, lane
		Regulated street, Pedestrian Street
		Car Park Entrance / Exit
		Road under construction
		Train connection
		Boat connection

ROUTES



Departure



Stage



Arrival

SURFACES

DAY MODE

NIGHT MODE



Forest, natural reserve, city park



Industrial area



Airport



Cemetery

9. The ViaMichelin POIs

ViaMichelin Navigation X-980T is supplied with an exclusive collection of some 70,000 points of interest taken from the Michelin guides – Green Guide tourist sites, hotels and restaurants from the Guide MICHELIN® – and a selection of practical addresses (service stations, car parks, florists, bakeries, etc.).

An exclusive feature of the POIs (Points Of Interest) extracted from the Michelin guides and of the practical POIs, is that they include a full description and can be selected using a multi-criteria search process.

This means that your ViaMichelin Navigation X-980T offers you all the comprehensiveness of a standard guidebook, an essential addition to your navigation system.



9.1. How do you navigate to a POI?

In the main menu, click “**Navigate To**”, then “**POI**”, select the category of POI you want and then select the details required.



9.2. How do I search for a POI?

Go to “**Plan Your Journey**”, “**Display Map**”, “**Map Options**”, “**Find**”, “**POI**” and select the category of POI that you want to search for. Then, you can search in a town, near the GPS position, near the departure point or arrival point. Your ViaMichelin Navigation X-980T will then display a list of the POIs requested.

- You can then refine your search by clicking at the bottom right of the screen. You have the option to search:
 - by name if you know the exact name of the POI,
 - by criterion,
 - by keyword (e.g. traditional cuisine)
- Criterion search: this menu lets you search for a Michelin guide POI using the guidebook criteria:
 - For the MICHELIN® Guide, you can select on degree of comfort, on price, etc.
 - For the Green Guide, you can select a category (stately home, historical monument, etc.) and the desired number of stars (reflecting the degree of tourist interest).



9.3. How do I display a POI on the map and navigation screen?

From the “Main Menu”, click “Options”, “Map” and then “POIs”. Then select the POI category you want to display by ticking the box or clicking “More Criteria” to use all the criteria (this option is only available for certain categories). Tick the criteria you want. The chosen POIs will then be displayed on the map and navigation screen. Similarly, you can choose to be alerted by an audible alarm when a POI is nearby.



9.4. How to update your ViaMichelin POI files

On ViaMichelin’s dedicated Navigation web site you will find regularly updated POIs. You can use the Content Manager/POI Manager programme to download and integrate these files so that the information on your ViaMichelin Navigation X-980T is kept up-to-date:

<http://www.shop.ViaMichelin.com> Downloading Points Of Interest



9.5. How do you look up the description of a POI

Your ViaMichelin Navigation X-980T system offers you several thousand POIs, each with a “Description”. Depending on the information available, this description can cover several pages. The information provided is then grouped into criteria groups based on the category that the POI belongs to:

- The first page contains the name of the POI, its category, its address, telephone number and in some cases Internet addresses (web site and e-mail) or simply its description (e.g. for speed cameras in France). **Simply click the symbols to hear their description by voice synthesis.**



- Subsequent information includes opening dates and times, prices (for Michelin guide POIs) or a description of the services.



- Next come comments, or for descriptions of establishments selected by the MICHELIN Guide®, information on the type of cuisine, specialities, the chef's name followed by amenities and services and credit cards accepted, leading on to the comments page.



- Click the direction arrows:
 - left to view the previous POI.
 - down to continue viewing the description of the POI.
 - right to view the next POI.
- Click “POI Options”.



- You can then:
 - **Telephone** to call the telephone number on the POI file. If there is no telephone number, this option will not be accessible and will be shaded (*for more information, see paragraph 6.4*).
 - **Add to My Saved Addresses** to make the selected POI a favourite in your saved addresses (*for more information, see paragraph 6.6*).
 - **Navigate To** to draw up a route to the POI you selected (*for more information, see paragraph 4.1*).










- **Centre on Map** to centre the map on the selected POI (*for more information, see paragraph 5.2.1.5*).



9.6. MICHELIN Guide© symbols

9.6.1. Degrees of comfort

The MICHELIN Guide© selection includes the best places for all levels of comfort and all budgets. The selected establishments are classified according to the degree of comfort they offer.

	Quite comfortable hotel
	Comfortable hotel
	Very comfortable hotel
	Premium comfort hotel
	Luxury hotel in the traditional style
	Simple but decent hotel
	Other recommended types of accommodation (farmhouse accommodation, Bed & Breakfasts and cottages)
	Quite comfortable restaurant
	Comfortable restaurant

	Very comfortable restaurant
	Premium comfort restaurant
	Luxury restaurant in the traditional style
	Traditional English pub serving food (only in the Great Britain / Ireland Guide)
	Tapas Bar (only in the Spain / Portugal Guide)




9.6.2. Distinctions

To help you make the best choice, some particularly noteworthy places have been given a distinction this year.

For star-rated or Bib Gourmand (good food mark) restaurants, the word "Rest" appears in red in the description.


9.6.2.1. Stars: the best cuisine


Stars are awarded for the standard of meals served, regardless of the type of cuisine. The criteria used are: choice of products, creativity, quality of cooking and flavours, value for money and reliability.

	A very good restaurant in its category
	Excellent cooking, worth a detour
	One of the best restaurants, worth the trip

9.6.2.2. BIBs: restaurants with less elaborate, moderately priced menus








- Bib Gourmand and Bib Hotel

	Carefully prepared meals at moderate prices
---	---







	Good hotels at reasonable prices
---	----------------------------------

9.6.2.3. Particularly pleasant locations

Red indicates particularly pleasant hotels. This may be owing to the character of the building, the décor, the setting, the welcome and the services offered.

	Pleasant, fairly comfortable hotel
	Pleasant, comfortable hotel
	Pleasant, very comfortable hotel
	Pleasant, premium comfort hotel
	Pleasant, luxury hotel in the traditional style
	Other pleasant hotel resources selected
	Pleasant hotels – simple but decent

	Pleasant, fairly comfortable restaurant
---	---






	Pleasant, comfortable restaurant
	Pleasant, very comfortable restaurant
	Pleasant, premium comfort restaurant
	Pleasant, luxury restaurant in the traditional style
	Pleasant traditional English pub serving food
	Pleasant Tapas Bar


9.6.3. Special mentions

As well as awarding distinctions, Michelin inspectors assess other criteria that are often important in choosing a restaurant or hotel.

9.6.3.1. Setting


Looking for an establishment that offers peace and quiet or an attractive view?
Follow these symbols:

	Quiet hotel
	Very quiet, secluded hotel
	Interesting or expansive view
	Exceptional view
	Panoramic view

	Exceptional panoramic view
---	----------------------------














9.6.3.2. Wine menu

Looking for a restaurant with a particularly good wine menu?
Follow this symbol:

	Wine menu with a particularly good choice
---	---

9.6.4. Amenities and services

	Lift (elevator)
	Conference hall
	Private rooms
	Dogs prohibited
	Garage in the hotel (usually with parking fee)
	Restaurant with valet parking (usual tip)
	Closed car park reserved for guests
	Car park reserved for guests

	Bicycle rental
	Air conditioning
	Rooms accessible to disabled people
	Television in the room
	Broadband connection
	Wifi
	Food served in the garden or the terrace
	Amenities for children
	Garden
	Beach with bathing facilities
	Mooring dock
	Park
	Fishing for hotel guests (may be fee-based)

	Saddle horses
	Gym
	Golf and number of holes
	Indoor tennis
	Open-air tennis court
	Indoor swimming pool
	Open-air swimming pool
	Wellness centre: a space promoting wellbeing and relaxation
	Spa treatment balneotherapy
	Sauna
	Kneipp treatment

9.6.5. Prices

The prices shown in this guide are given in local currency and were established in autumn 2005. They may change in line with fluctuations in the cost of goods and services. They include VAT and service. Nothing should be added to your bill except possibly tourist tax. The hotels and restaurants have undertaken to take full responsibility for maintaining these prices for customers.







At certain events: conferences, fairs, shows, festivals, sporting events, etc. hotel prices may be significantly higher.

In addition, find out about any special offers at hotels.

9.6.5.1. Booking and deposits

To confirm bookings, some places require a credit card number or a deposit. This confirms the commitment of customer and hotelier alike. Make sure the terms of the agreement are clear. Asked the hotelier to set down the terms and conditions of your booking in the letter of confirmation.

9.6.5.2. Credit cards

	American Express credit card
	Diners Club credit card
	Visa credit card
	Japan Credit Bureau credit card
	Eurocard, MasterCard or VISA card
	SI credit card
	MasterCard (Eurocard)




9.6.5.3. Rooms




	Price of breakfast/Bed-and-breakfast price
	Single room price
	Double room bed-and-breakfast price
	Summer price (high season)
	Winter price (high season)

9.6.5.4. Half board

	Half board
	Full board








9.6.5.5. Restaurant

	Establishment offering a simple meal (only in the Spain/Portugal Guide)
	Reasonably priced carafe of table wine
	Price for a bottle of house wine

	Wine served by the glass
	Red Guide hotel restaurant
	Restaurants offering reasonably-priced menus, served before or after the theatre (only in the Great Britain/Ireland Guide)



9.7. Michelin Green Guide symbols

	Civil and historic architecture
	Religious building
	Museums
	Historic streets and districts
	Urban sites, natural sites
	Leisure
	Castles



9.8. Personal POIs

9.8.1. "*.asc" files

- To create an "asc" file to add to your ViaMichelin Navigation X-980T, follow the instructions below:
 - You have to create an "asc" file for each category of saved address to be imported (which also means you can subsequently delete saved items solely for a given category).
- On your PC:
 - Create a text file (with Windows Notepad, for example: "*.txt").
 - Open this text file and create your saved addresses as follows:
 - Each line must contain information on a single saved address only and use the following syntax:
 - [Longitude],[Latitude],[**Name**"],
 - (for example: 2.142436 , 48.835248 , "**Le Carrefour Restaurant**")
 - The separator is the comma ","
 - The name must be in quotation marks " "
 - Lines preceded by a semi-colon ";" are comment lines
 - Longitude and Latitude must be given in degrees and fractions of degrees.
- Rename the text file using "asc" as the extension: e.g.: "**MyRestaurants.asc**"
- Save this file in the folder of your choice.
- Check that your ViaMichelin Navigation X-980T system is connected and that the link with your PC is working.
- Start Content Manager and click the POI Manager tab
- Select the saved "asc" file in the folder of your choice and confirm.
- Select the category of saved address to which imported saved addresses will be attached.

After importing the file into your ViaMichelin Navigation X-980T, you can set the display and the POI Warner as you want.

EXAMPLE OF AN "asc" FILE:

```
-----  
; Sample File  
;  
; Longitude, Latitude, "Name of saved address"  
; =====  
  
2.3336, 48.8675, "Michelin Store Opéra"  
2.2935, 48.8587, "Eiffel Tower"  
-1.460885, 43.484898, "Bayonne Centre"  
  
; End of file  
-----
```

9.8.2. Creating a new icon

- -On the PC, open the “**Paint**” drawing program (MSPAIN.T.EXE). To open: **Start/Programs/Accessories**.
- -In **Image/Attributes**, select: 16x16 pixels and colour, then click “**OK**”.
- -In **View/Zoom**, select Large Size.
- -Using the pencil, the brushes, etc. and the colour box, draw your icon.
- -In **File/Save As**, give your icon a name and select the format "**Bitmap 256 colours *.bmp**".
- -Save your icon in the folder of your choice.
- -Close “**Paint**”.

10. Notes and Tips

This paragraph contains additional information and tips to help you get the best out of your ViaMichelin Navigation X-980T system:

- *As you enter letters in a search screen, the choice is restricted automatically. Only existing letters or figures are displayed and enabled. As soon as the criterion you want appears in the top bar, you can click it to select it.*
- *To delete a letter, click the left arrow at the bottom right of the screen.*
- *To access the number pad, click the [123] box.*
- *To return to the alphanumeric keyboard, click the [abc] box.*
- *To find a town quickly, you can enter a few letters of the town's name. For example, when you enter "BOU MER" the search engine displays "Boulogne-sur-Mer (Pas-de-Calais/France)", "BOU BIL" displays "Boulogne-Billancourt (Hauts-de-Seine/France)".*
- *To find a street quickly, you can enter a few letters of the street name you want; for example, if you enter "LOU PAS" the search engine displays "rue Louis-Pasteur", while "AVE REPU" will bring up "avenue de la République".*
- *On the "Route Summary" screen:*
 - *Use the button next to the departure point address ("GPS Position") to "Change" or "Save" this position.*
 - *Use the button next to the destination address to "Change" or "Save" the destination address.*
 - *Use the button next to the options to access the "Route Settings" screen.*
- *The calculated route is displayed on the map as a green line highlighting the roads taken.*
- *If you start the search without entering the POI by clicking "Display All", the system will list all the POIs it knows.*
- *When searching for a POI or a saved address, the system presents the POIs in descending order of distance from the specified place.*
- *Click in the space on the top bar to zoom several levels in or out on the map.*
- *Click the cursor in the top bar and move it to the zoom level you want.*
- *Click in the screen and move the map in the direction you want, to display the area you are interested in.*
- *If the coordinates show a point a long way from a road, the message "The place selected must be less than 25km from a road" appears. Click "OK" to return to the previous screen.*
- *If several saved addresses or POIs are very close together, you will need to zoom in to separate them.*
- *The history only contains the last 15 destinations used. It is automatically updated: each new destination replaces the oldest.*
- *When the location marker is centred on a saved address, the "Delete" button is automatically displayed at the bottom left of the screen. If you click on this button, the*

system displays the message “Are you sure you want to delete this address?” Click “Yes” to delete the saved address.

- In Navigation mode, POIs are displayed in real time. The icons showing the position of the POIs are thus displayed on the map and move with it. If you select a lot of POI categories to display or if you clicked “Select All”, the information on the screen may update more slowly.
- The total calculated distance and time for the journey are given at the beginning of the driving directions.
- By clicking the up and down arrows, you can scroll through the driving directions. The map display is then automatically centred on the change of direction given by the driving directions.
- If the GPS position is outside the limits of the map installed in the system, the GPS cross may appear in the middle of a blank screen. By zooming out, you can then locate the GPS position in relation to the maps installed in the system.
- When “Centre on GPS position” is selected, the “Location Marker Option” function is no longer enabled. You need to move the location marker to be able to access the function again.
- The position established by the GPS can be affected by several factors:
 - the reception quality of the American satellite signals;
 - the surroundings (buildings, tunnel, high-voltage cables, etc.);
 - the battery power levels in your ViaMichelin Navigation X-980T;
 - the accuracy of the GPS position calculation (± 15 m);
 - etc.
- To prolong battery life, we advise you to leave your ViaMichelin Navigation X-980T system connected to a power source or to recharge it after use.
- The ViaMichelin Navigation X-980T also has an “Avoid” function which automatically recalculates a new route in order to bypass an accident, roadworks, etc. You access this function by clicking on the Navigation screen then “Bypass Route”, and specifying the distance you want. This function is only enabled in Navigation mode when the GPS has been activated.
- “Recommended” route calculations are designed to optimise comfort and safety while offering a good compromise between time and distance.
- The “Shortest” routes take the roads in the database that are closest to the straight line between the departure point and the arrival point.
- The “Quickest” routes take the roads that give you a shorter driving time than the “Shortest” route. In Navigation mode, the software only uses this type of calculation. Moreover, during short journeys, the software uses the table of average speed settings for the 6 types of roads programmed in the map database when calculating the “Quickest” route. Therefore, you can favour some types of road by reducing the average speeds of others or by increasing the speed of the type to favour. However, for longer journeys (> 100 km approximately), the programme calculates the route based on the primary network (motorways and similar roads); the secondary network is only used to get from the departure point to the primary road and from the primary network to the arrival point.
- In Free Navigation, only 2D display is available.
- When there are several stages in a route, you can click “Go to Next Stage” to tell the system to recalculate a new route between the GPS position and the next stage. This means you

can plan a route to pass near a town, without leaving the main roads. For example: on a route between Soisson and Sens, the system will calculate a journey passing through the Ile-de-France. You can specify a stage at Châlons-en-Champagne to establish a new route using the A26/E17 motorway. When I am on the A4 / E17 / E50, all I need to do is to click "Next stage" to continue on my journey on the motorway in the direction of Sens, without going into Châlons-en-Champagne.

- *The ViaMichelin Navigation X-980T includes RDS (Radio Data System) / TMC (Traffic Message Channel) traffic information. As the information is broadcast over the radio, you must ensure that the wire antenna is connected to the device for the service to work properly (see the installation diagram).*
- *The traffic information system installed in your ViaMichelin Navigation does not require a subscription and operates in the user's language of origin, even when abroad.*
- *Traffic information is available in the following countries: Austria, Belgium, Czech Republic, Denmark, France, Germany, Italy, Netherlands, Norway, Spain, Sweden, Switzerland, United Kingdom.*
- *The navigation map can be displayed facing north; the position arrow will follow the movements of the road relative to a fixed direction, or relative to the navigation axis to maintain the direction taken facing the top of the screen.*
- *If the PC does not detect ViaMichelin Navigation X-980T, connect your USB cable to another USB port and check that other peripheral devices connected to the PC's USB port (Web cam, printer, etc.) are not disrupting the connection with the PND.*

11. Installing the SD card



11.1. Memory card contents

The memory card provided contains the map of Europe (excluding Scandinavia, which you can find using Content Manager)

This card contains the data needed to activate the DVD-ROM provided. Be careful not to damage it before you have activated your DVD-ROM. You would be unable to retrieve the memory card data.

We advise you to activate the DVD-ROM as soon as possible.

Comment:

- *To activate the DVD-ROM, you need a PC with a DVD-ROM drive and an Internet connection.*
- The SD card contains 4 folders:
 - Install SD contains the application needed to install the programs on the ViaMichelin Navigation X-980T.
 - MapSonic contains the ViaMichelin Navigation programmes to install.
 - VMNav_Maps contains the map files (*.fdp).
 - VMNav_Pois contains the POI files provided with ViaMichelin Navigation X-980T.
 - VMNav_TTS contains the files to create voice synthesis messages (Text To Speech) to announce road signs, street names and traffic information messages.



11.2. Installing the SD card

ViaMichelin Navigation is a “**Plug & Drive**” solution: Simply insert the memory card provided into the slot on the left-hand side of your PND (Personal Navigation Device) then follow the installation instructions displayed on your screen (see Chapter 10: Installing the SD card):

- Select the language for the menus
- Select the voice guidance language
- Validate enabling of voice synthesis to announce road signs, road names and traffic information messages (optional).
- Voice guidance settings

- Select the distance unit
- Select map display
- Set the time
- Select map: “**EUROPE.FDP [Storage Card]**” or “**Canaries.fdp [Storage Card]**”

ViaMichelin Navigation is now ready to guide you!

12. Installing the DVD-ROM

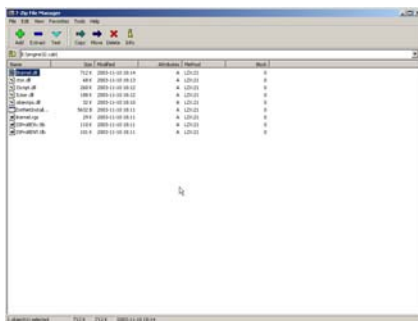
The DVD-ROM supplied with your ViaMichelin Navigation X-980T contains the “**Content Manager**” programme used to install downloaded “*.poi” or “*.asc” files on your system, to customise your maps, regenerate your SD card in case of error or to create your own map.



12.1. DVD-ROM contents

The DVD-ROM supplied contains the following programmes:

Name	Size	Type	Modified
autorun.inf	1 KB	Setup Information	9/15/2005 8:38 AM
data1.cab	59,955 KB	Cabinet File	9/23/2006 2:17 AM
data1.hdr	41 KB	HDR File	9/23/2006 2:17 AM
data2.cab	3,862,274 KB	Cabinet File	9/23/2006 2:21 AM
engine32.cab	449 KB	Cabinet File	4/25/2005 5:49 AM
layout.bin	1 KB	BIN File	9/23/2006 2:21 AM
setup.exe	118 KB	Application	3/24/2005 2:00 AM
setup.ibt	427 KB	IBT File	9/23/2006 2:17 AM
setup.ini	1 KB	Configuration Settings	9/23/2006 2:17 AM
setup.skin	64 KB	SKIN File	2/23/2006 9:11 AM
ViaMichelin.ico	4 KB	Icon	7/8/2005 6:56 AM
wceusbsh.INF	63 KB	Setup Information	9/6/2006 8:59 AM
wceusbsh.sys	103 KB	System file	12/30/2004 2:00 AM



12.2. Activating the installation code

You need an activation code to install the DVD-ROM that comes with ViaMichelin Navigation X-980T on your PC.

This code is issued free of charge when you install the DVD-ROM, after the product has been registered on ViaMichelin's new dedicated Navigation web site. It is sent to the e-mail address you provide when registering.

We advise you to keep this code so as not to have to repeat the registration process if you have to reinstall the software from the DVD-ROM on your PC.

You can also access the product registration page on the ViaMichelin web site at the following address:

<http://www.shop.ViaMichelin.fr> then the **Product Registration tab**



12.3. Connecting ViaMichelin Navigation X-980T to the PC

12.3.1. Connecting

- Plug the USB cable mini-connector into the ViaMichelin Navigation X-980T.
- Plug the USB connector into your PC.
- Turn on ViaMichelin Navigation X-980T. If ActiveSync detects the PND, the screen prompts you not to remove the PND SD card:



12.3.2. ActiveSync

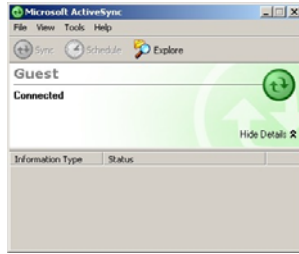
You do not need to establish a partnership to transfer files (e.g. POI) from your PC to the ViaMichelin Navigation X-980T.

When asked if you want to establish a partnership, select “No” then click “**Next**”. Microsoft ActiveSync starts in guest mode (figure 2)

You can now transfer POI files with POI Manager or use the SD Manager card restore software.

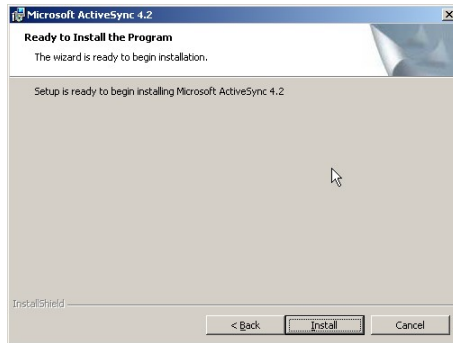


(figure 1)



(figure2)

- If the ActiveSync software is not detected on your PC, the installation procedure prompts you to install version 4.2 of ActiveSync.



- Then click "**Next**" and install Microsoft's ActiveSync ® software.

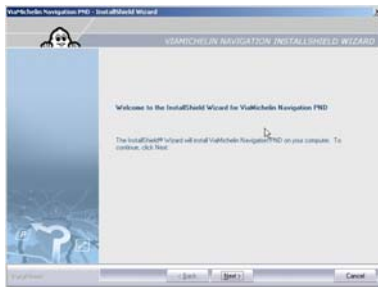
Once you have successfully installed ActiveSync 4.2, you will be asked to restart your PC.



12.4. Installing the DVD-ROM

- Check that your PC hard drive has at least the 3GB required to install ViaMichelin programmes.
- Check your Internet mailbox to make sure there are no messages waiting to be received.
- Close all applications open on your PC.
- Empty the Windows temporary files folder (TEMP)
- Empty the temporary Internet files folder:
- Empty the desktop recycle bin.

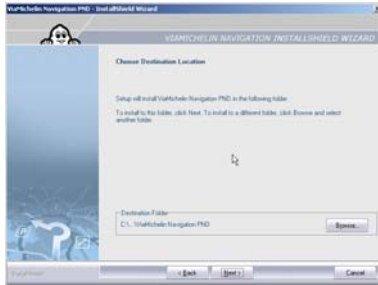
- Check that the SD is correctly inserted into the PND.
- Connect your ViaMichelin Navigation X-980T to your PC.
- Insert the DVD-ROM in the PC drive, the installation procedure starts automatically after a few seconds.
- *If the DVD-ROM does not start automatically (autorun), click “My Computer” then click the DVD-ROM drive icon.*
- *Click “Set-up” (or “Set-up.exe” if the file extensions are shown). The first window of the installation procedure should then open.*
- *Follow the screen prompts.*
- Select the language you want and click **"OK"**.



- Click **"Next"**.



- To accept the license agreement, click **"Yes"**; otherwise, click **"No"**, in which case the installation programme will end without installing the software on your PC.



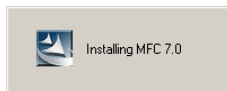
- Click **Next**.



- Click **Next**.



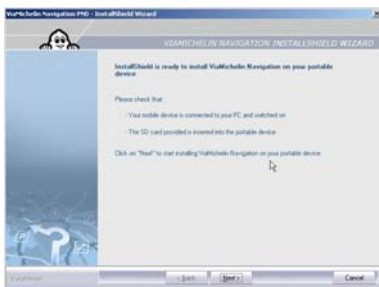
- Click **Cancel** only if you want to stop the installation.



If your ViaMichelin Navigation X-980T is not connected to your PC, you will see the following message; then connect the PND to the PC:



- Click **“OK”** to return to the installation procedure.



- Click **“Next”**.



- If your 16-character activation code has been sent to you, enter the code then click **“Next”**.
- If you enter the wrong code, a message is displayed. Click **“OK”** and then re-enter the code.



- If you do not have your activation code, click the “**Start Web browser**” bar.
- Click “**Product registration**” and complete the ViaMichelin registration form. You will automatically be sent an e-mail in the next few minutes containing your activation code. Check your mailbox, paste the 16-character code into the corresponding field, and then click “**Next**”.



- If you do not have a ViaMichelin account, you will be asked to create one:
 - On the “**Product registration**” page:
 - For the “**Category**” select: “**Mobile GPS**”.
 - For the “**Product**”, select the your ViaMichelin Navigation X-980T version.
 - Give your purchase date.
 - Give the shop where you purchased your PND.
 - Then enter your product code given in the installation procedure.
- If you do not receive your activation code or if the activation code is incorrect, please go to “**Support**”, the online help for ViaMichelin’s new dedicated Navigation web site.



- Click **“Cancel”** only if you want to stop the installation.



- Click **“End”** to complete the installation process.
- Leave your X-980T connected if you want to start Content Manager



12.5. Repair

- Insert the DVD-ROM into your PC's DVD drive.
- The installation procedure starts automatically: It detects the presence of the programmes and prompts you:
 - either to **“Add”** a new map set.
 - or **“Repair”** the existing installation.
 - or to **“Delete”** the existing software installation from your PC.



12.6. Uninstalling the programs

- Insert the DVD-ROM into your PC's DVD drive.
- The installation procedure starts automatically: It detects the presence of the programmes and prompts you:
 - either to **"Add"** a new map set.
 - or **"Repair"** the existing installation.
 - or to **"Delete"** the existing software installation from your PC.
- Tick **"Repair"** and click **"Next"**. A confirmation message is displayed:



- Click **"Yes"** to confirm that you want to delete the programs or **"No"** to return to the previous screen.



- Click **"End"** to close the window.
- Disconnect the USB cable from your PC then from your ViaMichelin navigation X-980T.

13. Content Manager

This is software installed on your PC to customise your maps, add new POIs (including personal POIs) or to regenerate your SD card if a problem occurs.

- Connect your ViaMichelin Navigation X-980T to your PC (*for more information, see paragraph 12.3*).
- Install the DVD-ROM and start “**Content Manager**”:
 - either from: Start / Programmes / ViaMichelin / ViaMichelin Navigation PND
 - or from: C:\Program Files\ViaMichelin\ViaMichelin Navigation PND RC4\ContentManager

“**Content Manager**” uses this connection to retrieve information from the PND, which will take a few seconds. Your PC then displays the following screen:



13.1. Map Manager

X-980T is supplied with a 2 Go SD containing Europe. Map Manager allows you to customise your maps and to export them to the ViaMichelin Navigation X-980T if you want a personalised map section or only a part of the areas on offer.

- You can use one of 3 methods to select the maps to export to your SD card:
 - “**Click**” button to select the pre-cut maps.
 - “**Folder**” button to select customised maps.
 - “**Find**” button to find maps by names of towns.

13.1.1. Pre-cut Maps

13.1.1.1. Select Map:

- To select the maps you want, either click the country you want on the map displayed, or select the country from the list in the “**Country**” menu.
- Go to “**Region**” and select either:
 - “**Country**” to get the country map; you will see a red outline around the country selected.
 - “**Region**” to select one or more “**regions**” (French department or German “**länder**” or “**county**”, etc. depending on the administrative divisions of the country you selected). In this case, you must designate the region by clicking on the map with your hand.

The countries and/or regions selected are shown in the “**Map Selected**” area.

- Click a country or a region in the list, and then click “**Deselect**” to take the country or region from the selection.
- Click “**Deselect All**” to empty the “**Map Selected**” table.
- Click “**Add to My Selection**” to start generating the file which will contain all the countries and/or regions you selected in the “**Map Selected**” table.



- Name this file, then click “**OK**” or “**Cancel**” to exit this procedure. The file is given in the “**File Summary**” table.

13.1.1.2. Export Map

- Go to “**Export To**” and select the destination for the file export. The “**Available Memory**” tells you how much space is available in the selected destination.

The map files must be exported to the SD card. They will be saved in the “**VMNav_Maps**” directory.

- Click the **“Synchro”** button to synchronise and export the file to the PND or click **“Delete”** if you do not want to perform the synchronisation for the files selected.



- Click **“OK”** to return to **“Content Manager”**.

13.1.2. Customised Maps

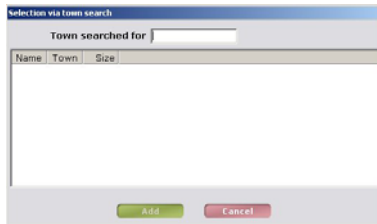
- Click the button representing a folder.
- Go to **“Country”** and select the map to display in the **“Content Manager”** screen.
- On the map, trace the area to export with the location marker. The system then automatically indicates the list of regions covered by the selection in the **“Map Selected”** table.
- Click a country or a region in the list, and then click **“Deselect”** to take the country or region from the selection.
- Click **“Deselect All”** to empty the **“Map Selected”** table.
- Click **“Add to My Selection”** to start generating the file which will contain all the countries and/or regions you selected in the **“Map Selected”** table.



- Name this file, then click “**OK**” or “**Cancel**” to exit this procedure. The file is given in the “**File Summary**” table.
- You can now generate and export the maps file as described in the previous section (13.1.1.2).

13.1.3. Selecting Towns

- Go to “**Country**” and/or “**Region**” and select the country where the town you are looking for is located.
- Click on the button with the letters.



- Enter the name of the town you want in the area provided and then confirm.



- If several towns match the name you want, the list of names known to the system is displayed. Click the town you want and then click “**Add**”. The system then copies the town into the “**Map Selected**” table.
- Click “**Cancel**” if you want to exit this search procedure.

- Click a country or a region in the list, and then click “**Deselect**” to take the country or region from the selection.
- Click “**Deselect All**” to empty the “**Map Selected**” table.
- Click “**Add to My Selection**” to start generating the file which will contain all the countries and/or regions you selected in the “**Map Selected**” table.



- Name this file, then click “**OK**” or “**Cancel**” to exit this procedure. The file is given in the “**File Summary**” table.
- You can now generate and export the maps file as described in the previous section (13.1.1.2).

Note: to delete maps imported using Content Manager from the X-980T, simply go to “Options/maps To be completed”

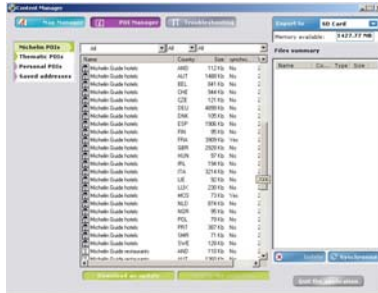


13.2. POI Manager

- Click “**POI Manager**”.
- You can use the “**POI Manager**” programme to manage 4 types of POI:
 - **Michelin POIs** to export Michelin POIs to the PND.
 - **Thematic POIs** to export POIs organised by theme to the PND.
 - **Personal POIs** to export personal “asc” files to the PND.
 - **Saved Addresses** to export saved addresses to the PND.

13.2.1. Michelin POIs

- Select “**Michelin POI**” from the list of POIs.



- Click the POI you want.
- When you have selected all the files you want, click **“Add to Selection”**. The selected files are then shown in the **“File Summary”** table.
- Click **“Synchronise”** to export the selected files to your PND or click **“Delete”** to delete the selected files from the summary table.

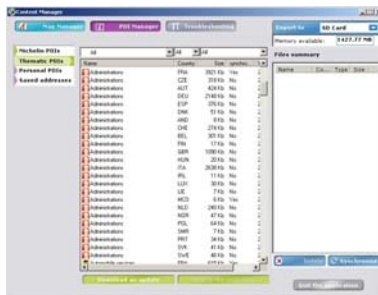
The Michelin POI files should be exported to the SD card.

Comment:

- All Michelin POI files are on the original ViaMichelin Navigation X-980T SD card.
- However, you may delete the POI categories you do not want at any time from the X-980T. You may then use Content Manager at any time to restore these categories.

13.2.2. Thematic POIs

- Select **“Thematic POI”** from the list of POIs.



- Click the POI you want.

- When you have selected all the files you want, click “**Add to Selection**”. The selected files are then shown in the “**File Summary**” table.
- Click “**Synchro**” to export the selected files to your PND or click “**Delete**” to delete the selected files from the summary table.

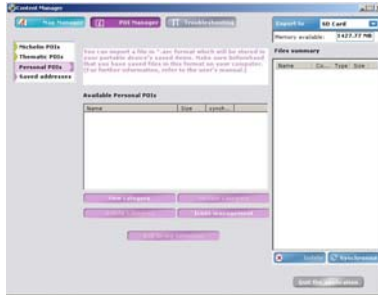
Thematic POI files should be exported to the SD card (into the “**VMNav_POI**” directory).

Comment:

- All Thematic POI files are on the original ViaMichelin Navigation X-980T SD card.
- However, you may delete the POI categories you do not want at any time from the X-980T. You may then use Content Manager at any time to restore these categories.

13.2.3. Personal POIs

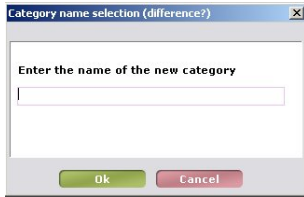
- Select “**Personal POIs**” from the list of POIs.



- You can select the following options:
 - **New Category** to create a Personal POI category.
 - **Update Category** to add the “asc” files of your choice to the selected category.
 - **Delete Category** to delete a Personal POI category (and the POIs it contains).
 - **Managing Icons** to select or create icons for your Personal POIs.
 - **Add to My Selection** to confirm the files to be exported to the PND.

13.2.3.1. New Category

- Click the “**New Category**” button.



- Enter a name for the category to create and then click **“OK”**.



- Select an icon from the list and then click **“OK”**.



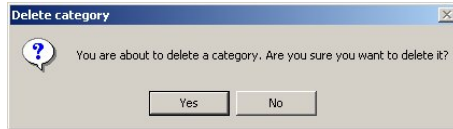
- Click **“Yes”** to search your PC's hard disk for the **“asc”** file to add or click **“No”** to go back to the **“Personal POI”** screen.

13.2.3.2. Update Category

- Click the category you want from the table of **“Available Personal POIs”** to select it.
- Click **“Update Category”**.
- On your PC's hard drive, find the **“asc”** file to add to the category you selected and confirm.

13.2.3.3. Delete Category

- Click the category you want from the table of **“Available Personal POIs”** to select it.
- Click **“Delete Category”**.



- Click **“Yes”** if you are sure you want to delete the category and the associated Personal POIs from your PC’s hard disk.
- Click **“No”** to return to the previous screen without deleting the selected Personal POI category.

13.2.3.4. Managing Icons

- Click **“Manage Icons”**.



You can select an icon from the set of icons to delete it, or add a new icon to the list (for more information on creating icons for POI categories, see paragraph 9.8.2).

- Click **“New Icon”**.
- Select the bitmap file (**“bmp”**) you want from the directory on your PC’s hard disk. By default, the ViaMichelin library Bitmap files are in the directory:

C:\Program Files\ViaMichelin\ViaMichelin Navigation
PND\ContentManager\resources\bitmaps\pois

13.2.3.5. Add to My Selection

- After you create the categories with the icons you want and add your **“asc”** files to these categories, click the categories you want to export to the PND and then click **“Add to My Selection”**

The files are then shown in the **“File Summary”** table.

- You can now generate and export the Personal POI file as described in section 13.1.1.2.
- Personal POI files are recorded on the SD card in the “VMNav_POI” directory.
- The “Synchronised” column in the “Available Personal POIs” table will continue to indicate “No” until you export the files to the PND.

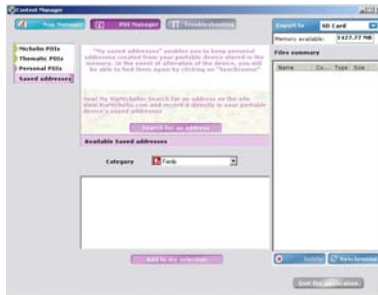
On the X-980T, you can find your personal POIs in “Options/My Saved Addresses”.

13.2.4. Saved Addresses

You can use this function to keep a copy of your saved addresses from your X-980T. If you lose them, you can recover them at any time by synchronising Content Manager with your X-980T.

You can also use it to import an address found on the web site, www.ViaMichelin.com:

- Select “Saved Addresses” from the list of POIs.



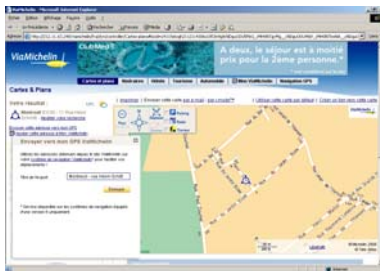
- Click “Find an Address”; “Content Manager” closes and starts the web browser to access the ViaMichelin Internet site.



- Perform your search.



- When completed, click the link: - Click **“Send this address to my GPS”**.

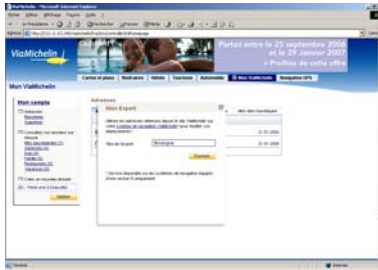


- Name your saved address and click **“Send”**.

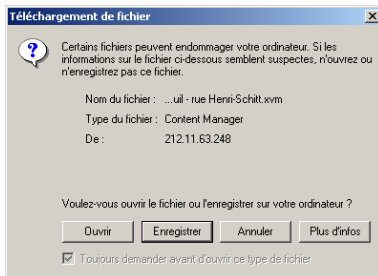
You can also export addresses and add them to your saved addresses on your ViaMichelin Navigation X-980T from your “My ViaMichelin” account on the ViaMichelin web site:

- Select the address you want to export and then click the box in **“Send to my GPS”**.



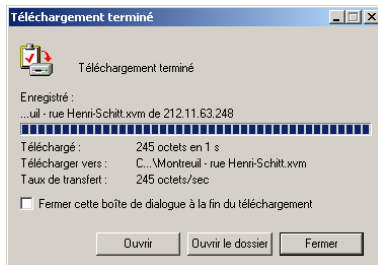


- Name your saved address and click **“Send”**.



- Click **“Open”** if you want to add the address directly to **“Content Manager”**
- Click **“Save”** if you want to save the file in a directory you choose. Then, simply double-click on it to reopen **“Content Manager”** and add it.

The file must not be saved in ViaMichelin directories and sub-directories.



- Click **“Close”**.
- Close your web browser window.

- Double-click the “xvm” file with the address from the ViaMichelin web site to automatically restart “Content Manager” and go to “POI Manager” / “Saved Addresses”.
- Select “My ViaMichelin” to view your saved address.
- Click the file to select it and then click “Add to My Saved Addresses” to export the file from the ViaMichelin web site to your PND. The file is then shown in the “File Summary” table.
- You can now generate and export the Personal POI file as described in section 13.1.1.2.
- My saved addresses files are recorded on the SD card in the “VMNav_POI” directory.

You will find these addresses on your X-980T in “Options” / “My saved addresses” / “My ViaMichelin”.

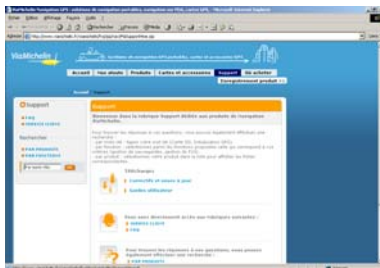


13.3. Troubleshooting

- Click “Troubleshooting”.
- You can find additional help to optimise your ViaMichelin Navigation X-980T:
 - **FAQ and updates** to access online help and updates for ViaMichelin programmes.
 - **User Manual** to download the QuickStart manual or the full manual.
 - **Restore SD** to regenerate your SD card to its factory settings.
 - **Restore PND** to reinstall your PND to its factory settings.

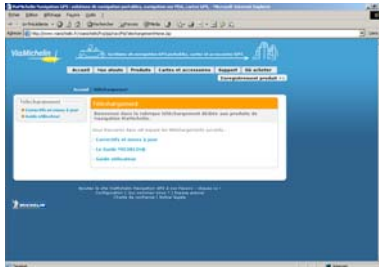
13.3.1. FAQ and Updates

- Go to “Support” on the ViaMichelin navigation web site and click “FAQ and Updates”.



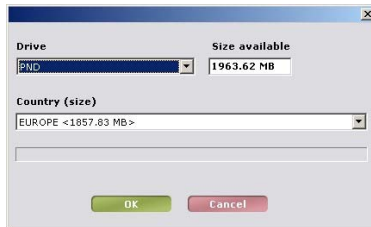
13.3.2. User Manual

- Click “**User Manuals**” to access the ViaMichelin navigation web site and click “**Download**”.



13.3.3. Restore SD

- Click “**Restore SD**” to start the procedure to completely regenerate the SD card in your ViaMichelin Navigation X-980T, depending on the card “**activated**” when registering the product.



Specify where you want to copy the files to by ticking the “Drive”, the “available size” tells you the storage capacity of the drive and the “**Country (size)**” gives the map that will be regenerated.

- Click “**OK**” to start the procedure to restore the SD card or click “**Cancel**” to exit this application.

You can see the progress of the restore procedure on the task bar. It takes about 90 minutes to regenerate a 2 Go SD card with the map of Europe.

13.3.4. Restore PND

- Click “**Restore PND**” to start the procedure to regenerate the original programmes installed on the PND.



- Click “**Restore**” to start the procedure to restore the programmes or click “**Cancel**” to abandon this procedure.

You can see the progress of the restore procedure on the task bar.

- Click “**Exit Application**” to close and exit “**Content Manager**”.

14. What to do if...

In this table, we suggest a few answers to frequently asked questions:

<p>How do you perform a soft reset?</p>	<p>A soft reset restarts your ViaMichelin Navigation X-980T if the application crashes. To perform a soft reset, use the stylus to press the "reset" point on the back of your ViaMichelin Navigation X-980T device. Soft reset closes the application and restarts ViaMichelin Navigation.</p> <p>Comment: Only procedures running at the time of the reset may be lost (e.g. the current route).</p>
<p>How do you perform a hard reset?</p>	<p>Hard reset restores your product to its initial conditions. After this operation, you will need to reinstall the software. To do this, simultaneously hold down the volume increase button (+), the "i" button and the "reset" key (using the stylus). Keep the three buttons depressed until the scroll bar is fully green.</p> <p>Comment: Before performing a hard reset, we advise you to remove the SD card. Reinstall it after the hard reset. The saved items, the POIs installed with POI Manager and the destinations history are retained. The installation settings (languages, speed limits, time, etc.) are deleted. To perform a hard reset, disconnect ViaMichelin Navigation X-980T from mains power.</p>
<p>What do I do if voice synthesis appears not to be working?</p>	<ul style="list-style-type: none"> - Perform a hard reset to reinitialise the voice synthesis generation engine. - If this does not work, use "Content Manager" to regenerate the programmes on the SD card.
<p>The device does not switch on when I press the "ON/OFF" button:</p>	<p>Check that the "Lock" button (on top of the device) is not engaged. If it is, slide the button to the left to unlock your ViaMichelin Navigation X-980T.</p>
<p>During navigation, the voice messages are in another language:</p>	<p>In the Main Menu, go to Options/General/ Language and select the Voice Guidance language you want.</p>
<p>How do I update my</p>	<p>Use POI Manager to download and add your POI files from</p>

POIs?	the ViaMichelin web site: www.ViaMichelin.com/support POI section
What is the difference between the shortest and the quickest route?	When preparing a route, it is possible to specify that the system should calculate the journey on the basis of the criterion “Quickest route” or “Shortest route”. The “Shortest route” criterion selects the most direct road journey between the points of departure and arrival. The “Quickest route” calculates the shortest route on roads which have the highest average speeds. Please see also the information in Chapter 10. Notes and Tips
How do you go about installing the DVD-ROM on the PC if you get a CRC error message when you start the DVD-ROM?	If an error message appears when you try to install the software on your PC, we suggest you perform the following operations: <ul style="list-style-type: none"> - empty the Windows temporary files folder: TEMP - empty the temporary Internet files folder: - empty the desktop recycle bin. - check that you have sufficient disk space on your hard drive for the installation (3 GB). - create a temporary folder on your PC’s hard disk: for example: VMX980TEMP - copy the DVD-ROM into that folder. - while installing, disable the anti-virus software on the PC. - click the “Set-up” program to start the installation procedure. - follow the instructions on the screen. Once the software is successfully installed, delete the temporary folder and its contents from your PC’s hard disk.
The device does not recharge when it is connected in the car:	Check that the cigarette-lighter socket and the mini USB socket are properly connected and that the cable diode light is on.

On ViaMichelin’s new dedicated Navigation web site, you will find information, FAQs, patches, updates, etc. which will gradually add to and complete the information in this manual, so that you can get the best out of your ViaMichelin Navigation X-980T system:

<http://www.viamichelin.fr/viamichelin/fra/jsp/nav/ManavigationHome.jsp>

15. Rights and warranties

Please read carefully the following terms and conditions prior to using the ViaMichelin portable navigation system that you have purchased.

Use of the software provided with this system is subject to a licence granted by ViaMichelin, and/or other suppliers, to the initial buyer, i.e., the end-user (hereinafter "You"), for his/her personal use, in accordance with the following software licensing agreement.

The navigation system uses RDS-TMC technology to allow you to access traffic information services in real time, subject to availability in the country in which you are travelling.



15.1. Software licensing agreement

Use of the software contained in the ViaMichelin product shall mean that You have accepted this agreement. If You do not accept the terms and conditions of this agreement, please return the unused and complete ViaMichelin product (equipment, accessories, software and documentation, with packaging) to the retailer within no more than thirty (30) days following your purchase in order to obtain a full refund. The sales receipt shall be proof of purchase.

Software covered: This agreement applies to the ViaMichelin Navigation software, other software provided by ViaMichelin or by third parties with the ViaMichelin portable navigation appliance, and the corresponding documentation (hereinafter the "Software"), whether it is pre-installed on the navigation appliance, provided on a CD-ROM or memory card, or obtained by downloading.

Licence: ViaMichelin and/or its suppliers grant You a limited, non-exclusive licence to use the Software in accordance with the following conditions and limitations.

Intellectual property rights: Intellectual property rights relating to the Software and content integrated into the Software (data, databases, programs, etc.) are protected by intellectual property regulations in force in France and in Europe and by provisions of international treaties. Any breach of these rights shall constitute copyright infringement. ViaMichelin and its suppliers shall retain all rights that are not expressly granted.

Restrictions on use: You are only authorised to use the Software in conjunction with the ViaMichelin portable navigation appliance and the accessories provided with them. Under no circumstances may the Software be used with any equipment or accessories other than those provided.

You are not authorised to reproduce, modify, adapt, decompile or disassemble the Software, perform reverse engineering or use the Software with another device. If You reside in the European Union, ViaMichelin will provide You on written request with the information necessary for the Software to be interoperable with other programs in accordance with the statutory provisions in force.

You may make a back-up copy of the Software solely for the purpose of restoring the original software in the event it is accidentally corrupted. You must reproduce all the information regarding copyright and any other information relating to property rights shown on the Software and affix said information to any copy that you may make.

You are not authorised to extract, reproduce, represent, modify, adapt or extract the data and/or data bases integrated into the Software. In particular, You are strictly prohibited from downloading the digital maps or data contained in the Software and from transferring them onto other software and/or equipment.

You are not authorised to lease or lend the Software or to use it for business or professional purposes. You may not grant a sub-licence to the Software, whether free of charge or for valuable consideration, or grant or transfer a licence.

Term: This licensing agreement shall be valid until it is terminated or ends for any reason whatsoever. It may be terminated at any time in the event You breach any of the provisions hereof. Immediately after its termination or end, you must return the Software to ViaMichelin and/or destroy any copies in your possession.

Severability: If one of the provisions of this licensing agreement proves to be invalid, unlawful or inapplicable, this shall not affect the validity, lawfulness and applicability of the other provisions.

Governing law and jurisdiction: This licensing agreement shall be governed by French law. In the event of a dispute, the courts of Nanterre, France shall have jurisdiction.



15.2. Warranty

This warranty is granted by ViaMichelin to the initial buyer, i.e., the end-user, of a ViaMichelin portable navigation system for his/her personal use (hereinafter "You").

Hardware: ViaMichelin warrants that the portable navigation appliance and the accessories thereto (hereinafter "the Hardware") shall be free of any material or manufacturing defects, subject to normal use, for a period of two (2) years from the date of the initial purchase. ViaMichelin warrants that the media on which the Software is recorded shall be free from any defect during this warranty period.

Software: ViaMichelin warrants that the ViaMichelin Navigation Software and any other ViaMichelin branded Software provided with the Hardware (hereinafter "the Software") shall comply with the specifications with which they are supplied, for a period of ninety (90) days from the date of the initial purchase.

Limit on the warranty:

1. This warranty does not apply to software or hardware produced by a third party and supplied with or incorporated into the Viamichelin portable navigation system. ViaMichelin does not provide any warranty on behalf of said third parties. The hardware and software produced by third parties are covered by a warranty from their supplier or licensor.

2. This warranty does not apply to normal wear and tear to the Hardware and Software.

3. This warranty does not cover (i) material damage to the surface of the portable navigation appliance including cracks and scratches on the screen or the outer case, (ii) damage caused by incorrect use or use that does not comply with the instructions, negligence, or an attempt to repair or modify the product, (iii) damage caused by fire, damp or leaks, exposure to a source of heat, fluctuations in voltage, natural disasters or other risks, (iv) or damage caused by the use of the product with other hardware and/or software than those it is sold with.

4. This warranty does not include a warranty that the operation of the Software shall be uninterrupted and free from error. Errors in calculation may occur due to the fact that the Software is used in an external system or due to the conditions of the local environment. Any warranty as to the reliability, accuracy, completeness and comprehensiveness of the data included in the Software is expressly excluded. ViaMichelin and its suppliers use the utmost care in selecting and updating the cartographic and thematic data included in the

Software. However, on the date the Software is acquired or used, certain data included in the Software may have been modified without ViaMichelin or its suppliers having been informed of this.

5. This warranty does not cover real time traffic information services that use RDS-TMC technology that you may access using your ViaMichelin portable navigation system, subject to availability of these services in the country in which you are travelling. Such services are provided under the sole responsibility of the respective providers, which may be private or public entities. No warranty as to the accessibility or availability of such services is provided. Any warranty as to the reliability, accuracy, comprehensiveness or real-time updating of any information, messages or warnings sent via these services is also excluded.

Remedies: In the event of a hidden defect of which ViaMichelin is informed during the warranty period, your sole remedy shall be to obtain the repair or replacement of the Hardware and/or the Software, solely at ViaMichelin's discretion and at its expense. If ViaMichelin cannot reasonably repair or replace the product, ViaMichelin may, solely at its discretion, refund to You the purchase price paid for the product. Replaced parts or products may be new or refurbished or versions that are comparable to the defective product. ViaMichelin warrants all replaced Hardware and/or Software for a period of ninety (90) days from the date of shipment or until the end of the original warranty period if this is later.

Implementation of the warranty: To implement this warranty, You should contact the retailer [you purchased it from] and return the Hardware and/or Software to it during the applicable warranty period, following the instructions the retailer will give You. Dated proof of the initial purchase will be required.

Exclusions from the warranty: This warranty excludes all other express, implicit or statutory warranties, conditions and terms, including merchantability warranties, suitability for a specific use, accuracy, compliance with the description, regarding satisfactory quality, the absence of any virus in the Software and non-copyright infringement.

However, no provision of this warranty shall affect your statutory rights.

Limitation of responsibility and liability: Insofar as this is allowed by the applicable regulations, ViaMichelin and/or its suppliers shall under no circumstances be responsible for any direct and/or indirect damage, special or subsequent damage, in particular, for information purposes but not limited to, the loss of earnings or profit, loss of business, loss of data and loss of software, or of hardware, including the costs of recovery, reproduction or repairs following the above-mentioned loss, caused by the use of and/or the impossibility of using the product even if ViaMichelin and/or its suppliers have been

informed of the possibility of said damage. In any event, ViaMichelin's liability shall be limited to the price You paid for the product.

Severability: If one of the provisions of this warranty proves to be invalid, unlawful or inapplicable, this shall not affect the validity, lawfulness and applicability of the other provisions.

Governing law and jurisdiction: This warranty shall be governed by French law. In the event of a dispute, the courts of Nanterre, France shall have jurisdiction. The United Nations Convention on Contracts for the International Sales of Goods is hereby excluded from application to this warranty agreement.

***Please note:** If you use the ViaMichelin portable navigation system in your vehicle, you are responsible for positioning and using the navigation tools inside your vehicle so that the driver's visibility is not obstructed and the operation of safety systems is not hindered, and so as to avoid any risk of accident, injury and/or damage. You must obey road safety rules and only handle the ViaMichelin portable navigation system when your vehicle is stationary. ViaMichelin and/or its suppliers shall not be liable for any use of this product that may cause accidents or damage or that break the law, or for any direct or indirect consequences thereof.*



In accordance with the provisions of Article 12 of [French] Decree no. 2005-829 of 20 July 2005 relating to the composition of electrical and electronic Hardware and the elimination of waste created by this type of Hardware, this product should not be disposed of in household waste.

It must be deposited at an appropriate collection point for the treatment, recovery and recycling of waste from electrical and electronic Hardware.

By making this gesture for the environment, you are helping to save natural resources and protect human health.